

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/04/2025

| 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 | 84.48 | 74.77 | 74.01 | 75.26 | 67.79 | 64.32 | 100.86 | 68.28 | 62.39 | 38.01 | 50.80 | 49.42 | 47.66 | 63.36 | 77.80 | 80.88 | 110.61 | 178.43 | 152.58 | 136.17 | 121.64 | 101.33 | 101.81 | 116.45 |
| 24138 | 4.83 | 4.34 | 4.36 | 4.56 | 4.03 | 3.76 | 6.15 | 4.56 | 4.52 | 2.91 | 4.32 | 3.92 | 4.10 | 5.23 | 5.92 | 4.28 | 8.37 | 12.37 | 10.86 | 7.01 | 9.66 | 8.07 | 7.98 | 9.03 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.79 | -4.30 | 0.00 | 0.00 | 0.00 | -27.80 | -7.03 | -31.05 | -24.05 | -55.15 | -5.69 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 84.88 | 75.12 | 74.32 | 75.56 | 68.04 | 64.56 | 101.27 | 68.55 | 62.60 | 38.14 | 50.96 | 49.60 | 47.83 | 63.60 | 78.18 | 81.13 | 111.09 | 179.09 | 153.14 | 136.54 | 122.13 | 101.75 | 102.26 | 116.96 |
| 24260 | 5.24 | 4.68 | 4.67 | 4.86 | 4.27 | 4.00 | 6.55 | 4.83 | 4.73 | 3.05 | 4.48 | 4.11 | 4.27 | 5.47 | 6.31 | 4.53 | 8.86 | 13.02 | 11.41 | 7.36 | 10.15 | 8.49 | 8.43 | 9.54 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.79 | -4.29 | 0.00 | 0.00 | 0.00 | -27.81 | -7.03 | -31.05 | -24.06 | -55.16 | -5.69 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 84.88 | 75.12 | 74.32 | 75.56 | 68.04 | 64.56 | 101.27 | 68.55 | 62.60 | 38.14 | 50.96 | 49.60 | 47.83 | 63.60 | 78.18 | 81.13 | 111.09 | 179.09 | 153.14 | 136.54 | 122.13 | 101.75 | 102.26 | 116.96 |
| 24261 | 5.24 | 4.68 | 4.67 | 4.86 | 4.27 | 4.00 | 6.55 | 4.83 | 4.73 | 3.05 | 4.48 | 4.11 | 4.27 | 5.47 | 6.31 | 4.53 | 8.86 | 13.02 | 11.41 | 7.36 | 10.15 | 8.49 | 8.43 | 9.54 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.79 | -4.29 | 0.00 | 0.00 | 0.00 | -27.81 | -7.03 | -31.05 | -24.06 | -55.16 | -5.69 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 84.67 | 75.33 | 74.56 | 75.62 | 68.29 | 64.84 | 101.77 | 68.30 | 62.30 | 37.58 | 50.08 | 43.83 | 46.70 | 62.47 | 77.41 | 90.66 | 134.13 | 292.02 | 214.85 | 205.35 | 137.71 | 101.30 | 101.70 | 116.27 |
| 24011 | 5.03 | 4.90 | 4.90 | 4.93 | 4.53 | 4.28 | 7.05 | 4.59 | 4.43 | 2.48 | 3.37 | 2.80 | 3.13 | 4.35 | 5.53 | 4.38 | 8.74 | 12.48 | 10.89 | 6.84 | 9.49 | 8.04 | 7.87 | 8.86 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.01 | 0.16 | 0.00 | 0.00 | 0.00 | -37.48 | -30.19 | -144.52 | -86.28 | -124.50 | -21.93 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 85.04 | 75.72 | 74.94 | 76.02 | 68.64 | 65.18 | 102.47 | 68.68 | 62.71 | 37.77 | 50.32 | 44.01 | 46.94 | 62.85 | 77.89 | 91.15 | 135.26 | 294.11 | 216.53 | 206.54 | 138.84 | 102.23 | 102.58 | 117.26 |
| 23798 | 5.39 | 5.29 | 5.28 | 5.33 | 4.88 | 4.63 | 7.75 | 4.97 | 4.85 | 2.68 | 3.61 | 2.97 | 3.38 | 4.73 | 6.01 | 4.84 | 9.74 | 13.86 | 12.17 | 7.60 | 10.52 | 8.97 | 8.75 | 9.85 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.01 | 0.16 | 0.00 | 0.00 | 0.00 | -37.51 | -30.33 | -145.23 | -86.68 | -124.93 | -22.03 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 84.67 | 75.33 | 74.56 | 75.62 | 68.29 | 64.84 | 101.77 | 68.30 | 62.30 | 37.58 | 50.08 | 43.83 | 46.70 | 62.47 | 77.41 | 90.66 | 134.13 | 292.02 | 214.85 | 205.35 | 137.71 | 101.30 | 101.70 | 116.27 |
| 24028 | 5.03 | 4.90 | 4.90 | 4.93 | 4.53 | 4.28 | 7.05 | 4.59 | 4.43 | 2.48 | 3.37 | 2.80 | 3.13 | 4.35 | 5.53 | 4.38 | 8.74 | 12.48 | 10.89 | 6.84 | 9.49 | 8.04 | 7.87 | 8.86 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.01 | 0.16 | 0.00 | 0.00 | 0.00 | -37.48 | -30.19 | -144.52 | -86.28 | -124.50 | -21.93 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | 84.65 | 75.14 | 74.37 | 75.53 | 68.17 | 64.66 | 100.71 | 67.59 | 61.56 | 37.23 | 49.60 | 43.90 | 45.98 | 61.55 | 76.08 | 88.35 | 124.65 | 251.65 | 191.26 | 181.42 | 130.49 | 99.64 | 100.25 | 114.92 |
| 23527 | 5.00 | 4.71 | 4.72 | 4.83 | 4.40 | 4.10 | 5.99 | 3.88 | 3.69 | 2.13 | 2.92 | 2.37 | 2.42 | 3.43 | 4.20 | 3.42 | 6.37 | 9.24 | 8.11 | 5.26 | 7.39 | 6.39 | 6.42 | 7.50 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.98 | -0.33 | 0.00 | 0.00 | 0.00 | -36.13 | -23.08 | -107.39 | -65.47 | -102.15 | -16.82 | 0.00 | 0.00 | 0.00 |
| AIR_PRODUCTS___DRP | 82.19 | 72.90 | 72.23 | 73.35 | 66.32 | 62.88 | 97.97 | 65.98 | 59.96 | 36.36 | 48.57 | 42.50 | 45.13 | 60.26 | 74.39 | 87.17 | 117.73 | 223.89 | 174.00 | 164.76 | 124.17 | 96.89 | 97.46 | 111.83 |
| 24190 | 2.54 | 2.47 | 2.58 | 2.66 | 2.56 | 2.32 | 3.25 | 2.26 | 2.09 | 1.27 | 1.89 | 1.53 | 1.57 | 2.14 | 2.51 | 1.96 | 3.72 | 5.33 | 4.62 | 3.03 | 4.23 | 3.63 | 3.63 | 4.42 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.99 | 0.23 | 0.00 | 0.00 | 0.00 | -36.41 | -18.81 | -83.55 | -51.70 | -87.72 | -13.64 | 0.00 | 0.00 | 0.00 |
| AKWESSNE_115KV_BK | 80.08 | 70.56 | 69.56 | 70.48 | 63.64 | 60.69 | 94.86 | 63.79 | 57.63 | 34.73 | 45.13 | 40.71 | 43.16 | 57.64 | 71.59 | 48.35 | 94.71 | 134.31 | 117.00 | 73.40 | 105.59 | 92.77 | 93.28 | 106.98 |
| 355683 | 0.43 | 0.13 | -0.09 | -0.21 | -0.13 | 0.13 | 0.14 | 0.07 | -0.24 | -0.36 | -0.57 | -0.48 | -0.40 | -0.49 | -0.29 | -0.45 | -0.49 | -0.71 | -0.68 | -0.61 | -0.70 | -0.49 | -0.55 | -0.44 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 83.24 | 73.89 | 73.23 | 74.35 | 67.09 | 63.65 | 99.24 | 66.71 | 60.61 | 36.71 | 48.87 | 42.98 | 45.36 | 60.60 | 74.93 | 86.92 | 115.77 | 209.59 | 166.51 | 155.95 | 123.21 | 98.02 | 98.59 | 113.09 |
| 323833 | 3.59 | 3.45 | 3.57 | 3.66 | 3.33 | 3.09 | 4.52 | 2.99 | 2.74 | 1.62 | 2.21 | 1.79 | 1.80 | 2.47 | 3.05 | 2.50 | 4.87 | 6.93 | 6.01 | 3.87 | 5.50 | 4.76 | 4.76 | 5.68 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.96 | 0.00 | 0.00 | 0.00 | 0.00 | -35.62 | -15.70 | -67.64 | -42.83 | -78.08 | -11.42 | 0.00 | 0.00 | 0.00 |
| ALBANY_2_SOLAR | 83.23 | 73.85 | 73.18 | 74.34 | 67.08 | 63.63 | 99.20 | 66.69 | 60.59 | 36.70 | 48.86 | 42.98 | 45.35 | 60.58 | 74.90 | 86.89 | 115.74 | 209.51 | 166.44 | 155.91 | 123.17 | 97.96 | 98.55 | 113.08 |
| 323834 | 3.58 | 3.42 | 3.52 | 3.65 | 3.31 | 3.07 | 4.48 | 2.97 | 2.72 | 1.61 | 2.20 | 1.78 | 1.79 | 2.46 | 3.03 | 2.47 | 4.85 | 6.87 | 5.94 | 3.83 | 5.46 | 4.70 | 4.72 | 5.66 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.96 | 0.00 | 0.00 | 0.00 | 0.00 | -35.62 | -15.70 | -67.62 | -42.82 | -78.07 | -11.42 | 0.00 | 0.00 | 0.00 |
| ALBANY___1 | 82.19 | 72.90 | 72.23 | 73.35 | 66.32 | 62.88 | 97.97 | 65.98 | 59.96 | 36.36 | 48.57 | 42.50 | 45.13 | 60.26 | 74.39 | 87.17 | 117.73 | 223.89 | 174.00 | 164.76 | 124.17 | 96.89 | 97.46 | 111.83 |
| 23571 | 2.54 | 2.47 | 2.58 | 2.66 | 2.56 | 2.32 | 3.25 | 2.26 | 2.09 | 1.27 | 1.89 | 1.53 | 1.57 | 2.14 | 2.51 | 1.96 | 3.72 | 5.33 | 4.62 | 3.03 | 4.23 | 3.63 | 3.63 | 4.42 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.99 | 0.23 | 0.00 | 0.00 | 0.00 | -36.41 | -18.81 | -83.55 | -51.70 | -87.72 | -13.64 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| ALBANY___2 23572 | 82.19 2.54 0.00 | 72.90 2.47 0.00 | 72.23 2.58 0.00 | 73.35 2.66 0.00 | 66.32 2.56 0.00 | 62.88 2.32 0.00 | 97.97 3.25 0.00 | 65.98 2.26 0.00 | 59.96 2.09 0.00 | 36.36 1.27 0.00 | 48.57 1.89 -0.99 | 42.50 1.53 0.23 | 45.13 1.57 0.00 | 60.26 2.14 0.00 | 74.39 2.51 0.00 | 87.17 1.96 -36.41 | 117.73 3.72 -18.81 | 223.89 5.33 -83.55 | 174.00 4.62 -51.70 | 164.76 3.03 -87.72 | 124.17 4.23 -13.64 | 96.89 3.63 0.00 | 97.46 3.63 0.00 | 111.83 4.42 0.00 |
| ALBANY___3 23573 | 82.19 2.54 0.00 | 72.90 2.47 0.00 | 72.23 2.58 0.00 | 73.35 2.66 0.00 | 66.32 2.56 0.00 | 62.88 2.32 0.00 | 97.97 3.25 0.00 | 65.98 2.26 0.00 | 59.96 2.09 0.00 | 36.36 1.27 0.00 | 48.57 1.89 -0.99 | 42.50 1.53 0.23 | 45.13 1.57 0.00 | 60.26 2.14 0.00 | 74.39 2.51 0.00 | 87.17 1.96 -36.41 | 117.73 3.72 -18.81 | 223.89 5.33 -83.55 | 174.00 4.62 -51.70 | 164.76 3.03 -87.72 | 124.17 4.23 -13.64 | 96.89 3.63 0.00 | 97.46 3.63 0.00 | 111.83 4.42 0.00 |
| ALBANY___4 23574 | 82.19 2.54 0.00 | 72.90 2.47 0.00 | 72.23 2.58 0.00 | 73.35 2.66 0.00 | 66.32 2.56 0.00 | 62.88 2.32 0.00 | 97.97 3.25 0.00 | 65.98 2.26 0.00 | 59.96 2.09 0.00 | 36.36 1.27 0.00 | 48.57 1.89 -0.99 | 42.50 1.53 0.23 | 45.13 1.57 0.00 | 60.26 2.14 0.00 | 74.39 2.51 0.00 | 87.17 1.96 -36.41 | 117.73 3.72 -18.81 | 223.89 5.33 -83.55 | 174.00 4.62 -51.70 | 164.76 3.03 -87.72 | 124.17 4.23 -13.64 | 96.89 3.63 0.00 | 97.46 3.63 0.00 | 111.83 4.42 0.00 |
| ALBANY___LFGE 323615 | 82.73 3.09 0.00 | 73.37 2.93 0.00 | 72.68 3.03 0.00 | 73.81 3.11 0.00 | 66.71 2.94 0.00 | 63.27 2.71 0.00 | 98.68 3.96 0.00 | 66.43 2.71 0.00 | 60.38 2.51 0.00 | 36.63 1.53 0.00 | 48.90 2.21 -0.99 | 42.81 1.82 0.20 | 45.45 1.88 0.00 | 60.71 2.59 0.00 | 74.93 3.05 0.00 | 87.89 2.36 -36.73 | 121.90 4.53 -22.17 | 243.10 6.49 -101.59 | 185.25 5.63 -61.94 | 176.27 3.65 -98.62 | 127.47 5.08 -16.09 | 97.60 4.34 0.00 | 98.18 4.35 0.00 | 112.58 5.17 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 80.08 0.43 0.00 | 70.55 0.11 0.00 | 69.55 -0.10 0.00 | 70.48 -0.22 0.00 | 63.62 -0.15 0.00 | 60.68 0.12 0.00 | 94.91 0.19 0.00 | 63.81 0.09 0.00 | 57.64 -0.23 0.00 | 34.70 -0.39 0.00 | 45.08 -0.61 0.00 | 40.65 -0.54 0.00 | 43.08 -0.48 0.00 | 57.57 -0.55 0.00 | 71.53 -0.34 0.00 | 48.33 -0.47 0.00 | 94.73 -0.47 0.00 | 134.38 -0.64 0.00 | 117.02 -0.66 0.00 | 73.42 -0.59 0.00 | 105.60 -0.69 0.00 | 92.78 -0.48 0.00 | 93.26 -0.57 0.00 | 106.97 -0.44 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 80.08 0.43 0.00 | 70.55 0.11 0.00 | 69.55 -0.10 0.00 | 70.48 -0.22 0.00 | 63.62 -0.15 0.00 | 60.68 0.12 0.00 | 94.91 0.19 0.00 | 63.81 0.09 0.00 | 57.64 -0.23 0.00 | 34.70 -0.39 0.00 | 45.08 -0.61 0.00 | 40.65 -0.54 0.00 | 43.08 -0.48 0.00 | 57.57 -0.55 0.00 | 71.53 -0.34 0.00 | 48.33 -0.47 0.00 | 94.73 -0.47 0.00 | 134.38 -0.64 0.00 | 117.02 -0.66 0.00 | 73.42 -0.59 0.00 | 105.60 -0.69 0.00 | 92.78 -0.48 0.00 | 93.26 -0.57 0.00 | 106.97 -0.44 0.00 |
| ALCOA___DSASP 323711 | 80.08 0.43 0.00 | 70.55 0.12 0.00 | 69.55 -0.11 0.00 | 70.47 -0.22 0.00 | 63.61 -0.15 0.00 | 60.68 0.12 0.00 | 94.91 0.19 0.00 | 63.81 0.09 0.00 | 57.64 -0.23 0.00 | 34.70 -0.39 0.00 | 45.08 -0.61 0.00 | 40.65 -0.54 0.00 | 43.08 -0.48 0.00 | 57.57 -0.55 0.00 | 71.53 -0.34 0.00 | 48.31 -0.49 0.00 | 94.74 -0.47 0.00 | 134.38 -0.64 0.00 | 117.02 -0.66 0.00 | 73.44 -0.57 0.00 | 105.61 -0.68 0.00 | 92.77 -0.49 0.00 | 93.27 -0.56 0.00 | 106.96 -0.45 0.00 |
| ALLEGHENY___COGEN 23514 | 164.65 -2.44 -87.44 | 148.27 -2.45 -80.28 | 147.03 -2.57 -79.94 | 149.36 -2.59 -81.26 | 133.58 -2.42 -72.23 | 120.03 -2.26 -61.73 | 177.68 -2.95 -85.91 | 138.72 -2.41 -77.42 | 130.75 -1.63 -74.51 | 78.58 -0.73 -44.22 | 42.69 -1.46 1.54 | 30.48 -1.28 9.44 | 85.86 -1.58 -43.89 | 62.35 -1.82 -6.04 | 96.04 -2.15 -26.31 | 36.98 -1.39 10.43 | 144.64 -2.41 -51.84 | 251.76 -2.96 -119.70 | 196.15 -2.89 -81.36 | 141.78 -1.80 -69.58 | 184.04 -3.09 -80.84 | 140.47 -2.77 -49.98 | 182.69 -2.25 -91.11 | 206.08 -3.60 -102.26 |
| ALTAMONT_115KV_TB 2 55880 | 82.06 2.41 0.00 | 72.78 2.35 0.00 | 72.09 2.43 0.00 | 73.20 2.51 0.00 | 66.10 2.33 0.00 | 62.65 2.09 0.00 | 97.83 3.11 0.00 | 65.82 2.10 0.00 | 59.88 2.01 0.00 | 36.31 1.22 0.00 | 48.42 1.74 -0.98 | 42.30 1.44 0.34 | 45.04 1.48 0.00 | 60.18 2.05 0.00 | 74.27 2.39 0.00 | 87.08 1.89 -36.39 | 115.13 3.57 -16.35 | 210.26 5.12 -70.12 | 166.17 4.47 -44.02 | 156.57 2.94 -79.63 | 122.25 4.13 -11.84 | 96.76 3.50 0.00 | 97.34 3.51 0.00 | 111.52 4.11 0.00 |
| ALTONA_WT_PWR 323606 | 79.99 0.35 0.00 | 70.40 -0.03 0.00 | 68.94 -0.72 0.00 | 69.56 -1.14 0.00 | 62.61 -1.16 0.00 | 59.95 -0.61 0.00 | 93.62 -1.10 0.00 | 62.70 -1.02 0.00 | 56.75 -1.12 0.00 | 34.03 -1.06 0.00 | 44.23 -1.47 0.00 | 39.90 -1.30 0.00 | 42.39 -1.17 0.00 | 57.23 -0.90 0.00 | 71.13 -0.75 0.00 | 48.28 -0.52 0.00 | 95.16 -0.04 0.00 | 135.22 0.20 0.00 | 117.72 0.05 0.00 | 73.77 -0.23 0.00 | 105.87 -0.42 0.00 | 92.72 -0.54 0.00 | 93.12 -0.71 0.00 | 106.99 -0.42 0.00 |
| AMERICAN_REF_FUEL 24010 | 50.90 -9.74 19.00 | 43.85 -8.64 17.94 | 43.77 -8.63 17.26 | 44.32 -8.96 17.41 | 40.04 -8.24 15.48 | 39.65 -7.35 13.56 | 64.75 -11.49 18.47 | 37.42 -9.18 17.11 | 33.07 -8.22 16.57 | 18.31 -4.55 12.23 | 24.84 -6.56 14.29 | 20.15 -5.90 15.15 | 25.43 -6.19 11.94 | 34.34 -7.76 16.03 | 45.29 -9.52 17.08 | 30.11 -6.76 11.92 | 60.80 -13.65 20.75 | 91.57 -19.93 23.52 | 77.50 -17.74 22.44 | 49.30 -11.28 13.42 | 67.53 -16.18 22.58 | 58.14 -13.54 21.58 | 62.36 -11.82 19.65 | 70.87 -14.64 21.90 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 50.44 -9.16 20.05 | 43.71 -8.23 18.49 | 43.19 -8.16 18.31 | 43.88 -8.23 18.58 | 39.61 -7.64 16.52 | 39.49 -6.89 14.18 | 64.88 -10.18 19.66 | 37.79 -8.13 17.80 | 33.65 -7.07 17.15 | 18.29 -3.93 12.88 | 24.11 -5.69 15.89 | 15.41 -5.15 20.63 | 24.27 -5.48 13.81 | 33.33 -6.85 17.93 | 44.92 -8.37 18.58 | 29.49 -5.78 13.52 | 61.39 -11.55 22.25 | 94.25 -16.64 24.13 | 79.50 -14.51 23.67 | 51.45 -8.77 13.79 | 70.12 -12.55 23.62 | 58.79 -11.34 23.12 | 62.41 -10.56 20.86 | 71.76 -12.27 23.39 |
| ARTHUR KILL_GT_1 23520 | 84.55 4.90 0.00 | 74.85 4.41 0.00 | 74.03 4.38 0.00 | 75.31 4.62 0.00 | 68.01 4.24 0.00 | 64.51 3.95 0.00 | 101.27 6.55 0.00 | 68.89 5.01 -0.16 | 64.54 4.83 -1.84 | 59.53 3.12 -21.32 | 61.32 4.46 -11.16 | 70.21 4.01 -25.00 | 70.22 4.21 -22.45 | 71.74 5.29 -8.33 | 77.94 5.85 -0.21 | 145.74 8.95 -92.49 | 159.71 13.10 -55.57 | 333.02 11.51 -184.90 | 371.38 11.51 -242.19 | 426.69 7.46 -345.22 | 205.04 10.21 -88.54 | 167.36 8.49 -65.61 | 125.58 8.46 -23.29 | 117.22 9.80 0.00 |
| ARTHUR_KILL_2 23512 | 84.32 4.67 0.00 | 74.63 4.20 0.00 | 73.83 4.17 0.00 | 75.10 4.40 0.00 | 67.82 4.05 0.00 | 64.33 3.77 0.00 | 100.99 6.27 0.00 | 68.70 4.83 -0.16 | 64.36 4.65 -1.84 | 59.43 3.02 -21.32 | 61.18 4.32 -11.16 | 70.09 3.89 -25.00 | 70.09 4.08 -22.45 | 71.57 5.11 -8.33 | 77.73 5.64 -0.21 | 145.58 8.63 -92.49 | 159.40 12.69 -55.57 | 332.61 11.16 -184.90 | 371.03 11.16 -242.19 | 426.47 7.24 -345.22 | 204.72 9.89 -88.54 | 167.10 8.23 -65.61 | 125.30 8.18 -23.29 | 116.86 9.45 0.00 |
| ARTHUR_KILL_3 23513 | 83.77 4.12 0.00 | 74.14 3.70 0.00 | 73.36 3.70 0.00 | 74.67 3.98 0.00 | 67.27 3.50 0.00 | 63.81 3.25 0.00 | 100.06 5.34 0.00 | 67.90 4.01 -0.16 | 63.78 3.99 -1.92 | 60.04 2.60 -22.35 | 61.28 3.88 -11.71 | 70.85 3.56 -26.10 | 70.92 3.73 -23.63 | 71.64 4.74 -8.77 | 77.45 5.35 -0.22 | 148.61 8.95 -95.92 | 160.95 11.37 -58.14 | 339.44 9.93 -193.05 | 381.35 9.93 -253.74 | 441.02 6.44 -360.58 | 207.99 8.77 -92.93 | 169.64 7.29 -69.09 | 125.63 7.27 -24.52 | 115.71 8.30 0.00 |

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|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|
| ARTHUR_KILL_COGEN 323718 | 84.55 4.90 0.00 | 74.85 4.41 0.00 | 74.03 4.38 0.00 | 75.31 4.62 0.00 | 68.01 4.24 0.00 | 64.51 3.95 0.00 | 101.27 6.55 0.00 | 68.89 5.01 -0.16 | 64.54 4.83 -1.84 | 59.53 3.12 -21.32 | 61.32 4.46 -11.16 | 70.21 4.01 -25.00 | 70.22 4.21 -22.45 | 71.74 5.29 -8.33 | 77.94 5.85 -0.21 | 145.74 4.45 -92.49 | 159.71 8.95 -55.57 | 333.02 13.10 -184.90 | 371.38 11.51 -242.19 | 426.69 7.46 -345.22 | 205.04 10.21 -88.54 | 167.36 8.49 -65.61 | 125.58 8.46 -23.29 | 117.22 9.80 0.00 |
| ASHOKAN____ 23654 | 87.79 8.14 0.00 | 77.64 7.20 0.00 | 76.76 7.11 0.00 | 77.98 7.29 0.00 | 70.34 6.57 0.00 | 66.71 6.15 0.00 | 104.71 9.99 0.00 | 70.84 7.12 0.00 | 64.65 6.78 0.00 | 39.24 4.14 0.00 | 52.15 5.58 -0.87 | 47.04 4.79 -1.05 | 48.36 4.80 0.00 | 65.06 6.93 0.00 | 80.11 8.23 0.00 | 87.20 6.07 -32.33 | 120.56 12.42 -12.94 | 209.34 17.92 -56.40 | 170.35 15.67 -37.00 | 153.84 9.62 -70.21 | 129.81 13.92 -9.60 | 105.19 11.93 0.00 | 105.44 11.61 0.00 | 120.39 12.97 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 84.24 4.60 0.00 | 74.58 4.14 0.00 | 73.92 4.26 0.00 | 74.99 4.30 0.00 | 67.34 3.58 0.01 | 63.91 3.36 0.01 | 100.37 5.65 0.00 | 68.00 4.28 0.00 | 62.07 4.20 0.00 | 37.86 2.77 0.00 | 50.66 4.17 -0.79 | 49.28 3.78 -4.30 | 47.44 3.87 -0.01 | 63.12 5.00 0.00 | 77.50 5.62 0.00 | 80.58 3.97 -27.81 | 110.21 7.98 -7.03 | 177.89 11.81 -31.05 | 152.26 10.53 -24.06 | 136.01 6.84 -55.16 | 121.28 9.30 -5.69 | 100.98 7.73 0.00 | 101.47 7.64 0.00 | 116.29 8.88 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 84.25 4.61 0.00 | 74.60 4.16 0.00 | 73.92 4.26 0.00 | 74.99 4.30 0.00 | 67.34 3.58 0.01 | 63.91 3.36 0.01 | 100.37 5.65 0.00 | 68.00 4.28 0.00 | 62.07 4.20 0.00 | 37.86 2.77 0.00 | 50.66 4.17 -0.79 | 49.27 3.78 -4.30 | 47.44 3.87 -0.01 | 63.15 5.02 0.00 | 77.51 5.64 0.00 | 80.58 3.97 -27.81 | 110.20 7.97 -7.03 | 177.86 11.79 -31.05 | 152.25 10.52 -24.06 | 136.01 6.84 -55.16 | 121.28 9.30 -5.69 | 100.98 7.73 0.00 | 101.47 7.64 0.00 | 116.32 8.91 0.00 |
| ASTORIA_GT2_1 24094 | 84.32 4.68 0.00 | 74.63 4.20 0.00 | 73.94 4.29 0.00 | 75.01 4.31 0.00 | 67.37 3.61 0.01 | 63.96 3.41 0.01 | 100.43 5.72 0.00 | 68.08 4.36 0.00 | 62.14 4.27 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.30 3.80 -4.30 | 47.45 3.88 -0.01 | 63.13 5.01 0.00 | 77.56 5.68 0.00 | 80.61 4.00 -27.81 | 110.27 8.04 -7.03 | 177.96 11.89 -31.05 | 152.30 10.56 -24.06 | 136.06 6.88 -55.16 | 121.35 9.37 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.36 8.95 0.00 |
| ASTORIA_GT2_2 24095 | 84.32 4.68 0.00 | 74.63 4.20 0.00 | 73.94 4.29 0.00 | 75.01 4.31 0.00 | 67.37 3.61 0.01 | 63.96 3.41 0.01 | 100.43 5.72 0.00 | 68.08 4.36 0.00 | 62.14 4.27 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.30 3.80 -4.30 | 47.45 3.88 -0.01 | 63.13 5.01 0.00 | 77.56 5.68 0.00 | 80.61 4.00 -27.81 | 110.27 8.04 -7.03 | 177.96 11.89 -31.05 | 152.30 10.56 -24.06 | 136.06 6.88 -55.16 | 121.35 9.37 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.36 8.95 0.00 |
| ASTORIA_GT2_3 24096 | 84.32 4.68 0.00 | 74.63 4.20 0.00 | 73.94 4.29 0.00 | 75.01 4.31 0.00 | 67.37 3.61 0.01 | 63.96 3.41 0.01 | 100.43 5.72 0.00 | 68.08 4.36 0.00 | 62.14 4.27 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.30 3.80 -4.30 | 47.45 3.88 -0.01 | 63.13 5.01 0.00 | 77.56 5.68 0.00 | 80.61 4.00 -27.81 | 110.27 8.04 -7.03 | 177.96 11.89 -31.05 | 152.30 10.56 -24.06 | 136.06 6.88 -55.16 | 121.35 9.37 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.36 8.95 0.00 |
| ASTORIA_GT2_4 24097 | 84.32 4.68 0.00 | 74.63 4.20 0.00 | 73.94 4.29 0.00 | 75.01 4.31 0.00 | 67.37 3.61 0.01 | 63.96 3.41 0.01 | 100.43 5.72 0.00 | 68.08 4.36 0.00 | 62.14 4.27 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.30 3.80 -4.30 | 47.45 3.88 -0.01 | 63.13 5.01 0.00 | 77.56 5.68 0.00 | 80.61 4.00 -27.81 | 110.27 8.04 -7.03 | 177.96 11.89 -31.05 | 152.30 10.56 -24.06 | 136.06 6.88 -55.16 | 121.35 9.37 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.36 8.95 0.00 |
| ASTORIA_GT3_1 24098 | 84.32 4.68 0.00 | 74.63 4.20 0.00 | 73.94 4.29 0.00 | 75.01 4.31 0.00 | 67.37 3.61 0.01 | 63.96 3.41 0.01 | 100.43 5.72 0.00 | 68.08 4.36 0.00 | 62.14 4.27 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.30 3.80 -4.30 | 47.45 3.88 -0.01 | 63.13 5.01 0.00 | 77.56 5.68 0.00 | 80.61 4.00 -27.81 | 110.27 8.04 -7.03 | 177.96 11.89 -31.05 | 152.30 10.56 -24.06 | 136.06 6.88 -55.16 | 121.35 9.37 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.36 8.95 0.00 |
| ASTORIA_GT3_2 24099 | 84.32 4.68 0.00 | 74.63 4.20 0.00 | 73.94 4.29 0.00 | 75.01 4.31 0.00 | 67.37 3.61 0.01 | 63.96 3.41 0.01 | 100.43 5.72 0.00 | 68.08 4.36 0.00 | 62.14 4.27 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.30 3.80 -4.30 | 47.45 3.88 -0.01 | 63.13 5.01 0.00 | 77.56 5.68 0.00 | 80.61 4.00 -27.81 | 110.27 8.04 -7.03 | 177.96 11.89 -31.05 | 152.30 10.56 -24.06 | 136.06 6.88 -55.16 | 121.35 9.37 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.36 8.95 0.00 |
| ASTORIA_GT3_3 24100 | 84.32 4.68 0.00 | 74.63 4.20 0.00 | 73.94 4.29 0.00 | 75.01 4.31 0.00 | 67.37 3.61 0.01 | 63.96 3.41 0.01 | 100.43 5.72 0.00 | 68.08 4.36 0.00 | 62.14 4.27 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.30 3.80 -4.30 | 47.45 3.88 -0.01 | 63.13 5.01 0.00 | 77.56 5.68 0.00 | 80.61 4.00 -27.81 | 110.27 8.04 -7.03 | 177.96 11.89 -31.05 | 152.30 10.56 -24.06 | 136.06 6.88 -55.16 | 121.35 9.37 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.36 8.95 0.00 |
| ASTORIA_GT3_4 24101 | 84.32 4.68 0.00 | 74.63 4.20 0.00 | 73.94 4.29 0.00 | 75.01 4.31 0.00 | 67.37 3.61 0.01 | 63.96 3.41 0.01 | 100.43 5.72 0.00 | 68.08 4.36 0.00 | 62.14 4.27 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.30 3.80 -4.30 | 47.45 3.88 -0.01 | 63.13 5.01 0.00 | 77.56 5.68 0.00 | 80.61 4.00 -27.81 | 110.27 8.04 -7.03 | 177.96 11.89 -31.05 | 152.30 10.56 -24.06 | 136.06 6.88 -55.16 | 121.35 9.37 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.36 8.95 0.00 |
| ASTORIA_GT4_1 24102 | 84.32 4.68 0.00 | 74.63 4.20 0.00 | 73.94 4.29 0.00 | 75.01 4.31 0.00 | 67.37 3.61 0.01 | 63.96 3.41 0.01 | 100.43 5.72 0.00 | 68.08 4.36 0.00 | 62.14 4.27 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.30 3.80 -4.30 | 47.45 3.88 -0.01 | 63.13 5.01 0.00 | 77.56 5.68 0.00 | 80.61 4.00 -27.81 | 110.27 8.04 -7.03 | 177.96 11.89 -31.05 | 152.30 10.56 -24.06 | 136.06 6.88 -55.16 | 121.35 9.37 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.36 8.95 0.00 |
| ASTORIA_GT4_2 24103 | 84.32 4.68 0.00 | 74.63 4.20 0.00 | 73.94 4.29 0.00 | 75.01 4.31 0.00 | 67.37 3.61 0.01 | 63.96 3.41 0.01 | 100.43 5.72 0.00 | 68.08 4.36 0.00 | 62.14 4.27 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.30 3.80 -4.30 | 47.45 3.88 -0.01 | 63.13 5.01 0.00 | 77.56 5.68 0.00 | 80.61 4.00 -27.81 | 110.27 8.04 -7.03 | 177.96 11.89 -31.05 | 152.30 10.56 -24.06 | 136.06 6.88 -55.16 | 121.35 9.37 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.36 8.95 0.00 |
| ASTORIA_GT4_3 24104 | 84.32 4.68 0.00 | 74.63 4.20 0.00 | 73.94 4.29 0.00 | 75.01 4.31 0.00 | 67.37 3.61 0.01 | 63.96 3.41 0.01 | 100.43 5.72 0.00 | 68.08 4.36 0.00 | 62.14 4.27 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.30 3.80 -4.30 | 47.45 3.88 -0.01 | 63.13 5.01 0.00 | 77.56 5.68 0.00 | 80.61 4.00 -27.81 | 110.27 8.04 -7.03 | 177.96 11.89 -31.05 | 152.30 10.56 -24.06 | 136.06 6.88 -55.16 | 121.35 9.37 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.36 8.95 0.00 |

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| ASTORIA_GT4_4 24105 | 84.32 4.68 0.00 | 74.63 4.20 0.00 | 73.94 4.29 0.00 | 75.01 4.31 0.00 | 67.37 3.61 0.01 | 63.96 3.41 0.01 | 100.43 5.72 0.00 | 68.08 4.36 0.00 | 62.14 4.27 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.30 3.80 -4.30 | 47.45 3.88 -0.01 | 63.13 5.01 0.00 | 77.56 5.68 0.00 | 80.61 4.00 -27.81 | 110.27 8.04 -7.03 | 177.96 11.89 -31.05 | 152.30 10.56 -24.06 | 136.06 6.88 -55.16 | 121.35 9.37 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.36 8.95 0.00 |
| ASTORIA_GT_1 23523 | 84.42 4.78 0.00 | 74.74 4.30 0.00 | 74.06 4.40 0.00 | 75.11 4.42 0.00 | 67.48 3.72 0.01 | 64.04 3.49 0.01 | 100.59 5.87 0.00 | 68.14 4.42 0.00 | 62.22 4.35 0.00 | 37.96 2.86 0.00 | 50.77 4.28 -0.79 | 49.36 3.87 -4.30 | 47.53 3.97 -0.01 | 63.27 5.15 0.00 | 77.68 5.80 0.00 | 80.70 4.10 -27.81 | 110.44 8.20 -7.03 | 178.22 12.15 -31.05 | 152.55 10.81 -24.06 | 136.19 7.01 -55.16 | 121.56 9.59 -5.69 | 101.22 7.96 0.00 | 101.70 7.87 0.00 | 116.55 9.14 0.00 |
| ASTORIA_GT_10 24110 | 84.58 4.93 0.00 | 74.82 4.39 0.00 | 74.05 4.39 0.00 | 75.24 4.55 0.00 | 67.73 3.96 0.00 | 64.25 3.69 0.00 | 100.80 6.08 0.00 | 68.27 4.55 0.00 | 62.34 4.47 0.00 | 38.00 2.90 0.00 | 50.84 4.35 -0.79 | 49.48 3.98 -4.30 | 47.71 4.14 -0.01 | 63.38 5.25 0.00 | 77.84 5.96 0.00 | 80.92 4.31 -27.81 | 110.72 8.49 -7.03 | 178.44 12.36 -31.05 | 152.58 10.85 -24.06 | 136.23 7.06 -55.16 | 121.65 9.67 -5.69 | 101.33 8.07 0.00 | 101.80 7.97 0.00 | 116.51 9.09 0.00 |
| ASTORIA_GT_11 24225 | 84.58 4.93 0.00 | 74.82 4.39 0.00 | 74.05 4.39 0.00 | 75.24 4.55 0.00 | 67.73 3.96 0.00 | 64.25 3.69 0.00 | 100.80 6.08 0.00 | 68.27 4.55 0.00 | 62.34 4.47 0.00 | 38.00 2.90 0.00 | 50.84 4.35 -0.79 | 49.48 3.98 -4.30 | 47.71 4.14 -0.01 | 63.38 5.25 0.00 | 77.84 5.96 0.00 | 80.92 4.31 -27.81 | 110.72 8.49 -7.03 | 178.44 12.36 -31.05 | 152.58 10.85 -24.06 | 136.23 7.06 -55.16 | 121.65 9.67 -5.69 | 101.33 8.07 0.00 | 101.80 7.97 0.00 | 116.51 9.09 0.00 |
| ASTORIA_GT_12 24226 | 84.58 4.93 0.00 | 74.82 4.39 0.00 | 74.05 4.39 0.00 | 75.24 4.55 0.00 | 67.73 3.96 0.00 | 64.25 3.69 0.00 | 100.80 6.08 0.00 | 68.27 4.55 0.00 | 62.34 4.47 0.00 | 38.00 2.90 0.00 | 50.84 4.35 -0.79 | 49.48 3.98 -4.30 | 47.71 4.14 -0.01 | 63.38 5.25 0.00 | 77.84 5.96 0.00 | 80.92 4.31 -27.81 | 110.72 8.49 -7.03 | 178.44 12.36 -31.05 | 152.58 10.85 -24.06 | 136.23 7.06 -55.16 | 121.65 9.67 -5.69 | 101.33 8.07 0.00 | 101.80 7.97 0.00 | 116.51 9.09 0.00 |
| ASTORIA_GT_13 24227 | 84.58 4.93 0.00 | 74.82 4.39 0.00 | 74.05 4.39 0.00 | 75.24 4.55 0.00 | 67.73 3.96 0.00 | 64.25 3.69 0.00 | 100.80 6.08 0.00 | 68.27 4.55 0.00 | 62.34 4.47 0.00 | 38.00 2.90 0.00 | 50.84 4.35 -0.79 | 49.48 3.98 -4.30 | 47.71 4.14 -0.01 | 63.38 5.25 0.00 | 77.84 5.96 0.00 | 80.92 4.31 -27.81 | 110.72 8.49 -7.03 | 178.44 12.36 -31.05 | 152.58 10.85 -24.06 | 136.23 7.06 -55.16 | 121.65 9.67 -5.69 | 101.33 8.07 0.00 | 101.80 7.97 0.00 | 116.51 9.09 0.00 |
| ASTORIA_GT_5 24106 | 84.48 4.83 0.00 | 74.75 4.32 0.00 | 74.06 4.41 0.00 | 75.11 4.42 0.00 | 67.47 3.70 0.01 | 64.05 3.49 0.01 | 100.60 5.89 0.00 | 68.18 4.46 0.00 | 62.24 4.37 0.00 | 37.95 2.85 0.00 | 50.77 4.28 -0.79 | 49.37 3.87 -4.30 | 47.54 3.97 -0.01 | 63.25 5.12 0.00 | 77.70 5.82 0.00 | 80.71 4.10 -27.81 | 110.45 8.22 -7.03 | 178.22 12.15 -31.05 | 152.53 10.79 -24.06 | 136.20 7.03 -55.16 | 121.56 9.58 -5.69 | 101.22 7.96 0.00 | 101.70 7.86 0.00 | 116.58 9.16 0.00 |
| ASTORIA_GT_7 24107 | 84.48 4.83 0.00 | 74.75 4.32 0.00 | 74.06 4.41 0.00 | 75.11 4.42 0.00 | 67.47 3.70 0.01 | 64.05 3.49 0.01 | 100.60 5.89 0.00 | 68.18 4.46 0.00 | 62.24 4.37 0.00 | 37.95 2.85 0.00 | 50.77 4.28 -0.79 | 49.37 3.87 -4.30 | 47.54 3.97 -0.01 | 63.25 5.12 0.00 | 77.70 5.82 0.00 | 80.71 4.10 -27.81 | 110.45 8.22 -7.03 | 178.22 12.15 -31.05 | 152.53 10.79 -24.06 | 136.20 7.03 -55.16 | 121.56 9.58 -5.69 | 101.22 7.96 0.00 | 101.70 7.86 0.00 | 116.58 9.16 0.00 |
| ASTORIA_GT_8 24108 | 84.48 4.83 0.00 | 74.75 4.32 0.00 | 74.06 4.41 0.00 | 75.11 4.42 0.00 | 67.47 3.70 0.01 | 64.05 3.49 0.01 | 100.60 5.89 0.00 | 68.18 4.46 0.00 | 62.24 4.37 0.00 | 37.95 2.85 0.00 | 50.77 4.28 -0.79 | 49.37 3.87 -4.30 | 47.54 3.97 -0.01 | 63.25 5.12 0.00 | 77.70 5.82 0.00 | 80.71 4.10 -27.81 | 110.45 8.22 -7.03 | 178.22 12.15 -31.05 | 152.53 10.79 -24.06 | 136.20 7.03 -55.16 | 121.56 9.58 -5.69 | 101.22 7.96 0.00 | 101.70 7.86 0.00 | 116.58 9.16 0.00 |
| ASTORIA___2 24149 | 84.28 4.63 0.00 | 74.63 4.19 0.00 | 73.94 4.28 0.00 | 75.01 4.32 0.00 | 67.38 3.62 0.01 | 63.96 3.41 0.01 | 100.45 5.72 0.00 | 68.03 4.31 0.00 | 62.11 4.24 0.00 | 37.89 2.79 0.00 | 50.68 4.19 -0.79 | 49.29 3.79 -4.30 | 47.45 3.88 -0.01 | 63.17 5.04 0.00 | 77.54 5.67 0.00 | 80.61 4.01 -27.81 | 110.25 8.02 -7.03 | 177.96 11.89 -31.05 | 152.31 10.57 -24.06 | 136.04 6.87 -55.16 | 121.36 9.38 -5.69 | 101.03 7.77 0.00 | 101.53 7.70 0.00 | 116.35 8.93 0.00 |
| ASTORIA___3 23516 | 84.54 4.89 0.00 | 74.82 4.39 0.00 | 74.05 4.39 0.00 | 75.25 4.55 0.00 | 67.74 3.97 0.00 | 64.24 3.68 0.00 | 100.80 6.08 0.00 | 68.23 4.51 0.00 | 62.32 4.45 0.00 | 38.00 2.91 0.00 | 50.84 4.35 -0.79 | 49.48 3.98 -4.30 | 47.71 4.14 -0.01 | 63.39 5.26 0.00 | 77.80 5.93 0.00 | 80.90 4.30 -27.81 | 110.69 8.46 -7.03 | 178.43 12.36 -31.05 | 152.59 10.85 -24.06 | 136.22 7.05 -55.16 | 121.65 9.67 -5.69 | 101.33 8.08 0.00 | 101.81 7.98 0.00 | 116.50 9.09 0.00 |
| ASTORIA___4 23517 | 84.58 4.93 0.00 | 74.82 4.39 0.00 | 74.05 4.39 0.00 | 75.23 4.54 0.00 | 67.73 3.96 0.00 | 64.25 3.69 0.00 | 100.80 6.08 0.00 | 68.27 4.55 0.00 | 62.34 4.47 0.00 | 38.00 2.90 0.00 | 50.84 4.35 -0.79 | 49.48 3.98 -4.30 | 47.71 4.14 -0.01 | 63.38 5.25 0.00 | 77.84 5.96 0.00 | 80.92 4.31 -27.81 | 110.72 8.49 -7.03 | 178.44 12.36 -31.05 | 152.57 10.83 -24.06 | 136.23 7.05 -55.16 | 121.65 9.67 -5.69 | 101.33 8.07 0.00 | 101.80 7.97 0.00 | 116.51 9.09 0.00 |
| ASTORIA___5 23518 | 84.54 4.89 0.00 | 74.82 4.39 0.00 | 74.05 4.39 0.00 | 75.25 4.55 0.00 | 67.74 3.97 0.00 | 64.24 3.68 0.00 | 100.80 6.08 0.00 | 68.23 4.51 0.00 | 62.32 4.45 0.00 | 38.01 2.91 0.00 | 50.84 4.35 -0.79 | 49.48 3.98 -4.30 | 47.71 4.14 -0.01 | 63.39 5.26 0.00 | 77.80 5.93 0.00 | 80.90 4.30 -27.81 | 110.69 8.46 -7.03 | 178.45 12.37 -31.05 | 152.59 10.85 -24.06 | 136.22 7.05 -55.16 | 121.65 9.67 -5.69 | 101.33 8.08 0.00 | 101.81 7.98 0.00 | 116.51 9.10 0.00 |
| AST_ENERGY_2_CC3 323677 | 84.11 4.46 0.00 | 74.45 4.01 0.00 | 73.70 4.04 0.00 | 74.94 4.24 0.00 | 67.47 3.71 0.00 | 64.01 3.46 0.00 | 100.39 5.67 0.00 | 67.96 4.24 0.00 | 62.08 4.21 0.00 | 37.84 2.74 0.00 | 50.62 4.13 -0.79 | 49.29 3.80 -4.30 | 47.50 3.94 0.00 | 63.09 4.96 0.00 | 77.48 5.60 0.00 | 80.67 4.06 -27.81 | 110.18 7.95 -7.03 | 177.87 11.80 -31.05 | 152.08 10.34 -24.06 | 135.87 6.71 -55.16 | 121.17 9.19 -5.69 | 100.90 7.64 0.00 | 101.38 7.55 0.00 | 116.02 8.61 0.00 |
| AST_ENERGY_2_CC4 323678 | 84.11 4.46 0.00 | 74.45 4.01 0.00 | 73.70 4.04 0.00 | 74.94 4.24 0.00 | 67.47 3.71 0.00 | 64.01 3.46 0.00 | 100.39 5.67 0.00 | 67.96 4.24 0.00 | 62.08 4.21 0.00 | 37.84 2.74 0.00 | 50.62 4.13 -0.79 | 49.29 3.80 -4.30 | 47.50 3.94 0.00 | 63.09 4.96 0.00 | 77.48 5.60 0.00 | 80.67 4.06 -27.81 | 110.18 7.95 -7.03 | 177.87 11.80 -31.05 | 152.08 10.34 -24.06 | 135.87 6.71 -55.16 | 121.17 9.19 -5.69 | 100.90 7.64 0.00 | 101.38 7.55 0.00 | 116.02 8.61 0.00 |

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|--------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| ATHENS_STG_1 23668 | 82.47 2.83 0.00 | 73.14 2.70 0.00 | 72.47 2.82 0.00 | 73.62 2.92 0.00 | 66.39 2.63 0.00 | 62.89 2.33 0.00 | 98.30 3.58 0.00 | 66.22 2.50 0.00 | 60.31 2.44 0.00 | 36.63 1.54 0.00 | 48.81 2.23 -0.88 | 48.24 1.96 -5.09 | 45.58 2.02 0.00 | 60.83 2.70 0.00 | 74.96 3.08 0.00 | 83.47 2.33 -32.34 | 106.81 4.41 -7.20 | 174.40 6.29 -33.09 | 150.48 5.55 -27.25 | 142.42 3.68 -64.73 | 117.55 5.16 -6.10 | 97.61 4.35 0.00 | 98.19 4.36 0.00 | 112.45 5.04 0.00 |
| ATHENS_STG_2 23670 | 82.47 2.83 0.00 | 73.14 2.70 0.00 | 72.47 2.82 0.00 | 73.62 2.92 0.00 | 66.39 2.63 0.00 | 62.89 2.33 0.00 | 98.30 3.58 0.00 | 66.22 2.50 0.00 | 60.31 2.44 0.00 | 36.63 1.54 0.00 | 48.81 2.23 -0.88 | 48.24 1.96 -5.09 | 45.58 2.02 0.00 | 60.83 2.70 0.00 | 74.96 3.08 0.00 | 83.47 2.33 -32.34 | 106.81 4.41 -7.20 | 174.40 6.29 -33.09 | 150.48 5.55 -27.25 | 142.42 3.68 -64.73 | 117.55 5.16 -6.10 | 97.61 4.35 0.00 | 98.19 4.36 0.00 | 112.45 5.04 0.00 |
| ATHENS_STG_3 23677 | 82.47 2.83 0.00 | 73.14 2.70 0.00 | 72.47 2.82 0.00 | 73.62 2.92 0.00 | 66.39 2.63 0.00 | 62.89 2.33 0.00 | 98.30 3.58 0.00 | 66.22 2.50 0.00 | 60.31 2.44 0.00 | 36.63 1.54 0.00 | 48.81 2.23 -0.88 | 48.24 1.96 -5.09 | 45.58 2.02 0.00 | 60.83 2.70 0.00 | 74.96 3.08 0.00 | 83.47 2.33 -32.34 | 106.81 4.41 -7.20 | 174.40 6.29 -33.09 | 150.48 5.55 -27.25 | 142.42 3.68 -64.73 | 117.55 5.16 -6.10 | 97.61 4.35 0.00 | 98.19 4.36 0.00 | 112.45 5.04 0.00 |
| AUBURN___LFGE 323710 | 78.47 -1.18 0.00 | 69.41 -1.03 0.00 | 68.69 -0.97 0.00 | 69.67 -1.02 0.00 | 62.83 -0.94 0.00 | 59.60 -0.96 0.00 | 93.54 -1.18 0.00 | 62.60 -1.12 0.00 | 57.29 -0.57 0.00 | 34.63 -0.15 0.31 | 43.49 -0.44 1.77 | 38.74 -0.36 2.09 | 42.76 -0.54 0.27 | 55.75 -0.49 1.89 | 69.77 -0.69 1.43 | 49.67 -0.30 -1.16 | 93.71 -1.08 0.41 | 136.68 -0.87 -2.53 | 118.31 -0.68 -1.31 | 78.68 -0.69 -5.36 | 105.30 -1.00 0.00 | 90.89 -1.05 1.32 | 92.92 -0.91 0.00 | 106.03 -1.38 0.00 |
| BABYLON_RES_REC 323704 | 86.48 6.84 0.00 | 79.40 6.34 -2.63 | 75.92 6.26 0.00 | 77.08 6.38 0.00 | 69.47 5.70 0.00 | 66.92 5.43 -0.93 | 108.33 8.56 -5.06 | 69.80 6.08 0.00 | 63.71 5.84 0.00 | 38.71 3.62 0.00 | 51.57 5.08 -0.79 | 50.08 4.59 -4.29 | 48.21 4.65 0.00 | 64.15 6.03 0.00 | 79.22 7.35 0.00 | 81.99 5.38 -27.81 | 112.34 10.10 -7.03 | 180.73 14.66 -31.06 | 155.14 13.40 -24.06 | 137.87 8.68 -55.18 | 124.25 12.26 -5.69 | 103.50 10.24 0.00 | 104.30 10.47 0.00 | 118.83 11.41 0.00 |
| BABYLON__69_KV_BK2 356345 | 87.53 7.88 0.00 | 80.31 7.24 -2.63 | 76.81 7.15 0.00 | 77.93 7.24 0.00 | 70.24 6.47 0.00 | 67.68 6.19 -0.93 | 109.62 9.84 -5.06 | 70.66 6.94 0.00 | 64.50 6.63 0.00 | 39.18 4.08 0.00 | 52.13 5.65 -0.79 | 50.65 5.16 -4.29 | 48.77 5.21 0.00 | 64.90 6.78 0.00 | 80.22 8.35 0.00 | 82.68 6.07 -27.81 | 113.61 11.37 -7.03 | 182.37 16.29 -31.06 | 156.54 14.80 -24.06 | 138.75 9.57 -55.18 | 125.63 13.64 -5.69 | 104.68 11.42 0.00 | 105.52 11.69 0.00 | 120.17 12.76 0.00 |
| BALL_HILL_WT_PWR 323825 | 44.41 -8.25 26.99 | 38.22 -7.36 24.86 | 37.66 -7.34 24.65 | 38.12 -7.54 25.04 | 34.53 -6.98 22.25 | 35.20 -6.28 19.07 | 58.59 -9.66 26.48 | 32.09 -7.69 23.94 | 28.11 -6.70 23.06 | 14.60 -3.65 16.85 | 21.87 -5.23 18.60 | 16.45 -4.70 20.05 | 22.04 -4.98 16.54 | 30.57 -6.28 21.28 | 41.35 -7.69 22.83 | 27.08 -5.43 16.30 | 55.83 -10.99 28.38 | 85.60 -15.75 33.67 | 72.18 -13.96 31.53 | 44.94 -8.67 20.40 | 62.76 -12.47 31.06 | 53.40 -10.77 29.09 | 56.12 -9.62 28.09 | 64.04 -11.87 31.50 |
| BARON_WINDS___WT_PWR 323822 | -68.12 -5.85 141.92 | -65.51 -5.57 130.37 | -65.62 -5.56 129.72 | -66.65 -5.50 131.84 | -58.59 -5.15 117.20 | -45.00 -5.35 100.21 | -52.28 -7.60 139.40 | -67.29 -5.32 125.68 | -67.37 -4.26 120.98 | -54.76 -2.46 87.40 | -49.69 -3.61 91.77 | -57.66 -3.10 95.76 | -45.00 -3.65 84.92 | -51.72 -4.39 105.45 | -48.76 -5.62 115.02 | -50.89 -3.76 95.94 | -61.54 -7.49 149.26 | -63.81 -10.68 188.16 | -65.22 -9.29 173.61 | -67.06 -5.60 135.47 | -66.37 -8.50 164.16 | -62.34 -7.45 148.15 | -61.01 -7.00 147.84 | -66.86 -8.36 165.91 |
| BARRETT_IC_1 23704 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |
| BARRETT_IC_10 23701 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |
| BARRETT_IC_11 23702 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |
| BARRETT_IC_12 23703 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |
| BARRETT_IC_2 23705 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |
| BARRETT_IC_3 23706 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |
| BARRETT_IC_4 23707 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_5 23708 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |
| BARRETT_IC_6 23709 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |
| BARRETT_IC_7 23710 | 85.54 5.88 -0.01 | 78.53 5.46 -2.64 | 75.10 5.43 -0.01 | 76.24 5.54 -0.01 | 68.75 4.97 -0.01 | 66.21 4.71 -0.94 | 107.04 7.26 -5.06 | 68.81 5.09 0.00 | 62.72 4.85 0.00 | 38.21 3.12 0.00 | 51.12 4.63 -0.79 | 49.74 4.25 -4.30 | 47.89 4.32 -0.01 | 63.72 5.59 -0.01 | 78.48 6.60 0.00 | 81.22 4.61 -27.81 | 110.60 8.37 -7.03 | 178.29 12.21 -31.06 | 153.02 11.28 -24.06 | 136.61 7.43 -55.18 | 122.45 10.47 -5.69 | 102.02 8.76 0.00 | 102.71 8.88 0.00 | 117.19 9.78 0.00 |
| BARRETT_IC_8 23711 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |
| BARRETT_IC_9 23700 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |
| BARRETT___1 23545 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |
| BARRETT___2 23546 | 85.52 5.87 -0.01 | 78.53 5.46 -2.64 | 75.08 5.42 -0.01 | 76.25 5.55 -0.01 | 68.77 4.99 -0.01 | 66.21 4.71 -0.94 | 107.01 7.23 -5.06 | 68.79 5.07 0.00 | 62.71 4.84 0.00 | 38.22 3.12 0.00 | 51.11 4.62 -0.79 | 49.73 4.24 -4.30 | 47.90 4.33 -0.01 | 63.74 5.61 -0.01 | 78.45 6.58 0.00 | 81.22 4.61 -27.81 | 110.59 8.35 -7.03 | 178.29 12.21 -31.06 | 153.05 11.31 -24.06 | 136.61 7.43 -55.18 | 122.44 10.46 -5.69 | 101.96 8.70 0.00 | 102.70 8.86 0.00 | 117.19 9.78 0.00 |
| BATAVIA___115KV_TB1 55881 | 60.81 -5.75 13.09 | 53.06 -5.13 12.24 | 52.54 -5.20 11.91 | 53.17 -5.47 12.05 | 48.01 -5.05 10.71 | 46.94 -4.31 9.31 | 75.41 -6.54 12.77 | 46.36 -5.64 11.72 | 41.65 -4.89 11.33 | 23.84 -2.56 8.70 | 30.21 -3.74 11.74 | 25.05 -3.46 12.68 | 31.39 -3.73 8.44 | 40.66 -4.43 13.03 | 53.20 -5.46 13.21 | 35.16 -3.84 9.80 | 72.03 -7.78 15.40 | 108.94 -10.60 15.48 | 92.46 -9.41 15.81 | 59.46 -6.15 8.39 | 81.25 -9.07 15.97 | 69.31 -7.79 16.17 | 73.63 -6.63 13.57 | 83.44 -8.81 15.16 |
| BAYONEEC___CTG1 323682 | 84.15 4.50 0.00 | 74.48 4.04 0.00 | 73.71 4.06 0.00 | 74.98 4.28 0.00 | 67.54 3.77 0.00 | 64.08 3.52 0.00 | 100.49 5.77 0.00 | 67.99 4.28 0.00 | 62.12 4.25 0.00 | 37.86 2.76 0.00 | 50.58 4.10 -0.79 | 49.26 3.76 -4.30 | 47.48 3.92 0.00 | 63.13 5.00 0.00 | 77.51 5.64 0.00 | 80.69 4.09 -27.81 | 110.18 7.95 -7.03 | 177.89 11.82 -31.05 | 152.09 10.36 -24.06 | 135.88 6.71 -55.16 | 121.17 9.19 -5.69 | 100.91 7.65 0.00 | 101.43 7.60 0.00 | 116.06 8.65 0.00 |
| BAYONEEC___CTG10 323750 | 84.15 4.50 0.00 | 74.48 4.04 0.00 | 73.71 4.06 0.00 | 74.98 4.28 0.00 | 67.54 3.77 0.00 | 64.08 3.52 0.00 | 100.49 5.77 0.00 | 67.99 4.28 0.00 | 62.12 4.25 0.00 | 37.86 2.76 0.00 | 50.58 4.10 -0.79 | 49.26 3.76 -4.30 | 47.48 3.92 0.00 | 63.13 5.00 0.00 | 77.51 5.64 0.00 | 80.69 4.09 -27.81 | 110.18 7.95 -7.03 | 177.89 11.82 -31.05 | 152.09 10.36 -24.06 | 135.88 6.71 -55.16 | 121.17 9.19 -5.69 | 100.91 7.65 0.00 | 101.43 7.60 0.00 | 116.06 8.65 0.00 |
| BAYONEEC___CTG2 323683 | 84.15 4.50 0.00 | 74.48 4.04 0.00 | 73.71 4.06 0.00 | 74.98 4.28 0.00 | 67.54 3.77 0.00 | 64.08 3.52 0.00 | 100.49 5.77 0.00 | 67.99 4.28 0.00 | 62.12 4.25 0.00 | 37.86 2.76 0.00 | 50.58 4.10 -0.79 | 49.26 3.76 -4.30 | 47.48 3.92 0.00 | 63.13 5.00 0.00 | 77.51 5.64 0.00 | 80.69 4.09 -27.81 | 110.18 7.95 -7.03 | 177.89 11.82 -31.05 | 152.09 10.36 -24.06 | 135.88 6.71 -55.16 | 121.17 9.19 -5.69 | 100.91 7.65 0.00 | 101.43 7.60 0.00 | 116.06 8.65 0.00 |
| BAYONEEC___CTG3 323684 | 84.15 4.50 0.00 | 74.48 4.04 0.00 | 73.71 4.06 0.00 | 74.98 4.28 0.00 | 67.54 3.77 0.00 | 64.08 3.52 0.00 | 100.49 5.77 0.00 | 67.99 4.28 0.00 | 62.12 4.25 0.00 | 37.86 2.76 0.00 | 50.58 4.10 -0.79 | 49.26 3.76 -4.30 | 47.48 3.92 0.00 | 63.13 5.00 0.00 | 77.51 5.64 0.00 | 80.69 4.09 -27.81 | 110.18 7.95 -7.03 | 177.89 11.82 -31.05 | 152.09 10.36 -24.06 | 135.88 6.71 -55.16 | 121.17 9.19 -5.69 | 100.91 7.65 0.00 | 101.43 7.60 0.00 | 116.06 8.65 0.00 |
| BAYONEEC___CTG4 323685 | 84.15 4.50 0.00 | 74.48 4.04 0.00 | 73.71 4.06 0.00 | 74.98 4.28 0.00 | 67.54 3.77 0.00 | 64.08 3.52 0.00 | 100.49 5.77 0.00 | 67.99 4.28 0.00 | 62.12 4.25 0.00 | 37.86 2.76 0.00 | 50.58 4.10 -0.79 | 49.26 3.76 -4.30 | 47.48 3.92 0.00 | 63.13 5.00 0.00 | 77.51 5.64 0.00 | 80.69 4.09 -27.81 | 110.18 7.95 -7.03 | 177.89 11.82 -31.05 | 152.09 10.36 -24.06 | 135.88 6.71 -55.16 | 121.17 9.19 -5.69 | 100.91 7.65 0.00 | 101.43 7.60 0.00 | 116.06 8.65 0.00 |
| BAYONEEC___CTG5 323686 | 84.15 4.50 0.00 | 74.48 4.04 0.00 | 73.71 4.06 0.00 | 74.98 4.28 0.00 | 67.54 3.77 0.00 | 64.08 3.52 0.00 | 100.49 5.77 0.00 | 67.99 4.28 0.00 | 62.12 4.25 0.00 | 37.86 2.76 0.00 | 50.58 4.10 -0.79 | 49.26 3.76 -4.30 | 47.48 3.92 0.00 | 63.13 5.00 0.00 | 77.51 5.64 0.00 | 80.69 4.09 -27.81 | 110.18 7.95 -7.03 | 177.89 11.82 -31.05 | 152.09 10.36 -24.06 | 135.88 6.71 -55.16 | 121.17 9.19 -5.69 | 100.91 7.65 0.00 | 101.43 7.60 0.00 | 116.06 8.65 0.00 |
| BAYONEEC___CTG6 323687 | 84.15 4.50 0.00 | 74.48 4.04 0.00 | 73.71 4.06 0.00 | 74.98 4.28 0.00 | 67.54 3.77 0.00 | 64.08 3.52 0.00 | 100.49 5.77 0.00 | 67.99 4.28 0.00 | 62.12 4.25 0.00 | 37.86 2.76 0.00 | 50.58 4.10 -0.79 | 49.26 3.76 -4.30 | 47.48 3.92 0.00 | 63.13 5.00 0.00 | 77.51 5.64 0.00 | 80.69 4.09 -27.81 | 110.18 7.95 -7.03 | 177.89 11.82 -31.05 | 152.09 10.36 -24.06 | 135.88 6.71 -55.16 | 121.17 9.19 -5.69 | 100.91 7.65 0.00 | 101.43 7.60 0.00 | 116.06 8.65 0.00 |

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| BAYONEEC___CTG7 323688 | 84.15 4.50 0.00 | 74.48 4.04 0.00 | 73.71 4.06 0.00 | 74.98 4.28 0.00 | 67.54 3.77 0.00 | 64.08 3.52 0.00 | 100.49 5.77 0.00 | 67.99 4.28 0.00 | 62.12 4.25 0.00 | 37.86 2.76 0.00 | 50.58 4.10 -0.79 | 49.26 3.76 -4.30 | 47.48 3.92 0.00 | 63.13 5.00 0.00 | 77.51 5.64 0.00 | 80.69 4.09 -27.81 | 110.18 7.95 -7.03 | 177.89 11.82 -31.05 | 152.09 10.36 -24.06 | 135.88 6.71 -55.16 | 121.17 9.19 -5.69 | 100.91 7.65 0.00 | 101.43 7.60 0.00 | 116.06 8.65 0.00 |
| BAYONEEC___CTG8 323689 | 84.15 4.50 0.00 | 74.48 4.04 0.00 | 73.71 4.06 0.00 | 74.98 4.28 0.00 | 67.54 3.77 0.00 | 64.08 3.52 0.00 | 100.49 5.77 0.00 | 67.99 4.28 0.00 | 62.12 4.25 0.00 | 37.86 2.76 0.00 | 50.58 4.10 -0.79 | 49.26 3.76 -4.30 | 47.48 3.92 0.00 | 63.13 5.00 0.00 | 77.51 5.64 0.00 | 80.69 4.09 -27.81 | 110.18 7.95 -7.03 | 177.89 11.82 -31.05 | 152.09 10.36 -24.06 | 135.88 6.71 -55.16 | 121.17 9.19 -5.69 | 100.91 7.65 0.00 | 101.43 7.60 0.00 | 116.06 8.65 0.00 |
| BAYONEEC___CTG9 323749 | 84.15 4.50 0.00 | 74.48 4.04 0.00 | 73.71 4.06 0.00 | 74.98 4.28 0.00 | 67.54 3.77 0.00 | 64.08 3.52 0.00 | 100.49 5.77 0.00 | 67.99 4.28 0.00 | 62.12 4.25 0.00 | 37.86 2.76 0.00 | 50.58 4.10 -0.79 | 49.26 3.76 -4.30 | 47.48 3.92 0.00 | 63.13 5.00 0.00 | 77.51 5.64 0.00 | 80.69 4.09 -27.81 | 110.18 7.95 -7.03 | 177.89 11.82 -31.05 | 152.09 10.36 -24.06 | 135.88 6.71 -55.16 | 121.17 9.19 -5.69 | 100.91 7.65 0.00 | 101.43 7.60 0.00 | 116.06 8.65 0.00 |
| BEACON___LESR 323632 | 83.57 3.92 0.00 | 74.04 3.60 0.00 | 73.31 3.66 0.00 | 74.45 3.76 0.00 | 67.32 3.56 0.00 | 63.90 3.34 0.00 | 99.70 4.98 0.00 | 67.05 3.33 0.00 | 61.02 3.15 0.00 | 37.01 1.91 0.00 | 49.47 2.79 -0.98 | 43.33 2.33 0.20 | 45.94 2.38 0.00 | 61.45 3.32 0.00 | 75.74 3.86 0.00 | 88.17 2.99 -36.38 | 120.19 5.92 -19.06 | 228.58 8.55 -85.01 | 177.65 7.43 -52.54 | 167.34 4.73 -88.60 | 126.68 6.55 -13.83 | 98.78 5.52 0.00 | 99.32 5.49 0.00 | 113.91 6.49 0.00 |
| BEAVER RIVER___HYD 24048 | 78.59 -1.06 0.00 | 69.11 -1.32 0.00 | 68.73 -0.93 0.00 | 69.62 -1.07 0.00 | 62.67 -1.10 0.00 | 59.52 -1.04 0.00 | 94.68 -0.04 0.00 | 63.58 -0.14 0.00 | 57.10 -0.77 0.00 | 34.03 -1.06 0.00 | 44.31 -1.41 -0.03 | 39.90 -1.30 0.00 | 41.88 -1.68 0.00 | 56.16 -1.97 0.00 | 69.44 -2.44 0.00 | 48.14 -1.72 -1.06 | 92.58 -2.62 0.00 | 131.37 -3.65 0.00 | 114.42 -3.26 0.00 | 72.74 -2.13 -0.86 | 103.12 -3.17 0.00 | 92.00 -1.26 0.00 | 91.34 -2.49 0.00 | 103.61 -3.81 0.00 |
| BEEBEE_GT_13 23619 | 74.54 -5.11 0.00 | 65.88 -4.56 0.00 | 65.08 -4.58 0.00 | 65.93 -4.76 0.00 | 59.40 -4.37 0.00 | 56.70 -3.86 0.00 | 88.86 -5.86 0.00 | 58.97 -4.75 0.00 | 53.77 -4.09 0.00 | 31.89 -2.17 1.03 | 36.49 -3.03 6.18 | 31.24 -2.67 7.29 | 39.87 -2.78 0.90 | 48.28 -3.50 6.34 | 62.64 -4.45 4.79 | 40.82 -3.09 4.90 | 84.30 -6.33 4.57 | 126.00 -8.80 0.22 | 106.72 -7.76 3.21 | 69.03 -5.05 -0.07 | 96.49 -7.45 2.35 | 82.35 -6.47 4.44 | 88.08 -5.75 0.00 | 100.03 -7.38 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 85.33 5.68 0.00 | 75.49 5.05 0.00 | 74.67 5.01 0.00 | 75.90 5.20 0.00 | 68.42 4.65 0.00 | 64.93 4.37 0.00 | 101.94 7.22 0.00 | 69.25 5.37 -0.16 | 64.91 5.21 -1.84 | 59.77 3.36 -21.32 | 61.74 4.88 -11.16 | 70.65 4.45 -25.00 | 70.68 4.67 -22.45 | 72.39 5.94 -8.33 | 78.85 6.76 -0.21 | 146.23 4.93 -92.49 | 160.50 9.74 -55.57 | 334.16 14.23 -184.90 | 372.38 12.51 -242.19 | 427.34 8.12 -345.22 | 205.96 11.13 -88.54 | 168.18 9.31 -65.61 | 126.37 9.25 -23.29 | 117.96 10.55 0.00 |
| BETHLEHEM___GRP 23843 | 82.19 2.54 0.00 | 72.90 2.47 0.00 | 72.23 2.58 0.00 | 73.35 2.66 0.00 | 66.32 2.56 0.00 | 62.88 2.32 0.00 | 97.97 3.25 0.00 | 65.98 2.26 0.00 | 59.96 2.09 0.00 | 36.36 1.27 0.00 | 48.57 1.89 -0.99 | 42.50 1.53 0.23 | 45.13 1.57 0.00 | 60.26 2.14 0.00 | 74.39 2.51 0.00 | 87.17 1.96 -36.41 | 117.73 3.72 -18.81 | 223.89 5.33 -83.55 | 174.00 4.62 -51.70 | 164.76 3.03 -87.72 | 124.17 4.23 -13.64 | 96.89 3.63 0.00 | 97.46 3.63 0.00 | 111.83 4.42 0.00 |
| BETHLEHEM___GS1 323560 | 82.19 2.54 0.00 | 72.90 2.47 0.00 | 72.22 2.56 0.00 | 73.35 2.65 0.00 | 66.30 2.53 0.00 | 62.89 2.33 0.00 | 97.99 3.27 0.00 | 65.98 2.26 0.00 | 59.96 2.09 0.00 | 36.37 1.27 0.00 | 48.57 1.89 -0.99 | 42.50 1.53 0.23 | 45.13 1.57 0.00 | 60.27 2.15 0.00 | 74.37 2.50 0.00 | 87.17 1.96 -36.41 | 117.72 3.71 -18.81 | 223.88 5.31 -83.55 | 173.99 4.62 -51.70 | 164.75 3.02 -87.72 | 124.17 4.23 -13.64 | 96.89 3.63 0.00 | 97.46 3.63 0.00 | 111.86 4.45 0.00 |
| BETHLEHEM___GS2 323561 | 82.19 2.54 0.00 | 72.90 2.47 0.00 | 72.22 2.56 0.00 | 73.35 2.65 0.00 | 66.30 2.53 0.00 | 62.89 2.33 0.00 | 97.99 3.27 0.00 | 65.98 2.26 0.00 | 59.96 2.09 0.00 | 36.37 1.27 0.00 | 48.57 1.89 -0.99 | 42.50 1.53 0.23 | 45.13 1.57 0.00 | 60.27 2.15 0.00 | 74.37 2.50 0.00 | 87.17 1.96 -36.41 | 117.72 3.71 -18.81 | 223.88 5.31 -83.55 | 173.99 4.62 -51.70 | 164.75 3.02 -87.72 | 124.17 4.23 -13.64 | 96.89 3.63 0.00 | 97.46 3.63 0.00 | 111.86 4.45 0.00 |
| BETHLEHEM___GS3 323562 | 82.19 2.54 0.00 | 72.90 2.47 0.00 | 72.22 2.56 0.00 | 73.35 2.65 0.00 | 66.30 2.53 0.00 | 62.89 2.33 0.00 | 97.99 3.27 0.00 | 65.98 2.26 0.00 | 59.96 2.09 0.00 | 36.37 1.27 0.00 | 48.57 1.89 -0.99 | 42.50 1.53 0.23 | 45.13 1.57 0.00 | 60.27 2.15 0.00 | 74.37 2.50 0.00 | 87.17 1.96 -36.41 | 117.72 3.71 -18.81 | 223.88 5.31 -83.55 | 173.99 4.62 -51.70 | 164.75 3.02 -87.72 | 124.17 4.23 -13.64 | 96.89 3.63 0.00 | 97.46 3.63 0.00 | 111.86 4.45 0.00 |
| BETHLEHEM___STEEL 23779 | 46.61 -8.00 25.04 | 40.27 -7.05 23.12 | 39.68 -7.11 22.87 | 40.11 -7.38 23.21 | 36.34 -6.79 20.63 | 36.81 -6.03 17.72 | 60.82 -9.34 24.56 | 33.87 -7.61 22.25 | 29.77 -6.66 21.44 | 15.80 -3.61 15.68 | 23.28 -5.03 17.38 | 18.39 -4.51 18.30 | 23.58 -4.74 15.23 | 32.31 -5.95 19.86 | 43.09 -7.49 21.30 | 28.60 -5.25 14.95 | 57.92 -10.92 26.36 | 88.66 -15.29 31.07 | 75.18 -13.35 29.15 | 47.11 -8.45 18.45 | 65.18 -12.25 28.86 | 55.58 -10.56 27.12 | 58.48 -9.29 26.05 | 66.56 -11.65 29.20 |
| BETHLHEM_115KV_TB1 79974 | 82.16 2.51 0.00 | 72.88 2.45 0.00 | 72.19 2.54 0.00 | 73.32 2.63 0.00 | 66.28 2.52 0.00 | 62.84 2.28 0.00 | 97.95 3.23 0.00 | 65.94 2.22 0.00 | 59.94 2.07 0.00 | 36.35 1.26 0.00 | 48.55 1.88 -0.98 | 42.48 1.53 0.24 | 45.12 1.56 0.00 | 60.26 2.13 0.00 | 74.36 2.49 0.00 | 87.13 1.95 -36.39 | 117.08 3.67 -18.21 | 220.59 5.25 -80.31 | 172.11 4.57 -49.85 | 162.77 2.99 -85.77 | 123.70 4.21 -13.20 | 96.85 3.59 0.00 | 97.45 3.62 0.00 | 111.79 4.37 0.00 |
| BETHPAGE_CC_5 323564 | 85.91 6.26 0.00 | 78.90 5.84 -2.63 | 75.51 5.86 0.00 | 76.67 5.97 0.00 | 69.13 5.36 0.00 | 66.55 5.06 -0.93 | 107.52 7.74 -5.06 | 69.22 5.50 0.00 | 63.19 5.32 0.00 | 38.43 3.33 0.00 | 51.20 4.72 -0.79 | 49.81 4.32 -4.29 | 47.95 4.39 0.00 | 63.80 5.68 0.00 | 78.67 6.80 0.00 | 81.50 4.89 -27.81 | 111.36 9.13 -7.03 | 179.36 13.29 -31.06 | 153.90 12.16 -24.06 | 137.09 7.90 -55.18 | 123.13 11.15 -5.69 | 102.54 9.28 0.00 | 103.31 9.48 0.00 | 117.86 10.44 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 48.52 -7.64 23.48 | 42.04 -6.71 21.69 | 41.44 -6.78 21.44 | 41.91 -7.02 21.76 | 37.92 -6.50 19.34 | 38.21 -5.74 16.62 | 62.80 -8.90 23.02 | 35.56 -7.30 20.86 | 31.41 -6.35 20.11 | 16.92 -3.42 14.75 | 24.34 -4.76 16.59 | 19.43 -4.26 17.50 | 24.74 -4.49 14.33 | 33.57 -5.63 18.92 | 44.58 -7.10 20.20 | 29.77 -4.97 14.05 | 59.96 -10.40 24.84 | 91.63 -14.50 28.88 | 77.76 -12.66 27.26 | 49.18 -8.00 16.82 | 67.56 -11.61 27.11 | 57.61 -10.01 25.64 | 60.60 -8.80 24.43 | 68.90 -11.13 27.38 |

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| BINGHAMTON___COGEN 23790 | 78.43 -1.22 0.00 | 69.41 -1.02 0.00 | 68.67 -0.98 0.00 | 69.73 -0.97 0.00 | 62.84 -0.93 0.00 | 59.50 -1.06 0.00 | 93.43 -1.29 0.00 | 62.59 -1.13 0.00 | 57.16 -0.71 0.00 | 35.80 -0.22 -0.93 | 51.21 -0.37 -5.88 | 47.86 -0.24 -6.90 | 43.98 -0.39 -0.81 | 63.40 -0.41 -5.69 | 75.42 -0.76 -4.30 | 65.27 -0.44 -16.91 | 100.93 -1.05 -6.78 | 144.33 -1.37 -10.69 | 127.07 -1.02 -10.41 | 93.12 -0.55 -19.66 | 109.35 -1.07 -4.13 | 96.16 -1.08 -3.98 | 92.85 -0.98 0.00 | 106.09 -1.33 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 55.96 -8.48 15.21 | 49.04 -7.33 14.06 | 48.60 -7.18 13.88 | 49.73 -6.89 14.08 | 44.40 -6.85 12.52 | 43.72 -6.07 10.77 | 70.28 -9.54 14.90 | 42.43 -7.76 13.52 | 38.48 -6.35 13.03 | 21.73 -3.40 9.96 | 27.91 -4.64 13.14 | 23.10 -4.32 13.78 | 29.56 -4.50 9.51 | 37.60 -5.80 14.72 | 49.35 -7.57 14.96 | 33.32 -5.12 10.36 | 67.33 -10.53 17.33 | 102.98 -14.65 17.38 | 87.17 -12.84 17.67 | 57.22 -8.15 8.64 | 76.55 -11.65 18.09 | 65.06 -9.84 18.35 | 68.76 -9.26 15.81 | 77.34 -12.35 17.72 |
| BLACK RIVER___HYD 24047 | 78.61 -1.04 0.00 | 69.19 -1.24 0.00 | 68.82 -0.84 0.00 | 69.65 -1.05 0.00 | 62.69 -1.08 0.00 | 59.44 -1.12 0.00 | 95.00 0.28 0.00 | 63.76 0.05 0.00 | 57.26 -0.60 0.00 | 34.07 -1.03 0.00 | 44.33 -1.40 -0.04 | 39.96 -1.24 0.00 | 41.78 -1.78 0.00 | 56.39 -1.74 0.00 | 69.60 -2.27 0.00 | 48.85 -1.43 -1.48 | 93.17 -2.03 0.00 | 132.57 -2.45 0.00 | 115.48 -2.20 0.00 | 73.75 -1.45 -1.20 | 104.08 -2.21 0.00 | 92.58 -0.67 0.00 | 91.94 -1.89 0.00 | 103.98 -3.44 0.00 |
| BLACKRVR_115KV_TB2 79977 | 78.60 -1.04 0.00 | 69.19 -1.24 0.00 | 68.82 -0.84 0.00 | 69.65 -1.05 0.00 | 62.69 -1.08 0.00 | 59.44 -1.12 0.00 | 95.00 0.28 0.00 | 63.76 0.05 0.00 | 57.26 -0.61 0.00 | 34.07 -1.03 0.00 | 44.34 -1.40 -0.04 | 39.95 -1.25 0.00 | 41.78 -1.78 0.00 | 56.39 -1.73 0.00 | 69.60 -2.27 0.00 | 48.84 -1.43 -1.48 | 93.18 -2.03 0.00 | 132.57 -2.45 0.00 | 115.48 -2.20 0.00 | 73.76 -1.45 -1.20 | 104.08 -2.21 0.00 | 92.57 -0.68 0.00 | 91.94 -1.89 0.00 | 103.98 -3.43 0.00 |
| BLISS_WT_PWR 323608 | 55.53 -8.91 15.21 | 48.53 -7.84 14.06 | 48.26 -7.51 13.88 | 49.56 -7.05 14.08 | 44.12 -7.13 12.52 | 43.32 -6.47 10.77 | 69.68 -10.14 14.90 | 42.19 -8.01 13.52 | 38.35 -6.49 13.03 | 21.62 -3.51 9.96 | 27.60 -4.96 13.14 | 22.78 -4.64 13.78 | 29.21 -4.84 9.51 | 37.13 -6.28 14.72 | 48.94 -7.98 14.96 | 33.02 -5.42 10.36 | 67.09 -10.77 17.33 | 102.11 -15.53 17.38 | 86.07 -13.94 17.67 | 56.57 -8.79 8.64 | 75.82 -12.37 18.09 | 64.70 -10.21 18.35 | 68.37 -9.64 15.81 | 76.67 -13.03 17.72 |
| BLUESTONE___WT_PWR 323821 | 77.79 -1.86 0.00 | 68.57 -1.87 0.00 | 68.11 -1.54 0.00 | 69.31 -1.38 0.00 | 62.88 -0.89 0.00 | 59.40 -1.16 0.00 | 93.58 -1.14 0.00 | 63.54 -0.18 0.00 | 58.10 0.24 0.00 | 36.02 0.31 -0.61 | 49.89 0.21 -3.99 | 46.24 0.37 -4.68 | 44.04 -0.06 -0.54 | 61.60 -0.28 -3.75 | 73.67 -1.05 -2.84 | 63.33 -0.55 -15.08 | 101.00 -0.82 -6.63 | 150.42 -0.84 -16.24 | 129.96 -0.61 -12.89 | 97.19 -0.11 -23.29 | 109.76 -0.85 -4.31 | 95.15 -0.74 -2.63 | 93.01 -0.82 0.00 | 105.77 -1.65 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 82.47 2.82 0.00 | 73.19 2.75 0.00 | 72.53 2.88 0.00 | 73.66 2.96 0.00 | 66.51 2.74 0.00 | 63.07 2.51 0.00 | 98.31 3.59 0.00 | 66.09 2.37 0.00 | 60.05 2.19 0.00 | 36.39 1.30 0.00 | 48.49 1.84 -0.97 | 42.56 1.49 0.12 | 45.08 1.52 0.00 | 60.20 2.07 0.00 | 74.38 2.50 0.00 | 86.55 2.01 -35.74 | 114.65 3.83 -15.62 | 207.34 5.40 -66.92 | 164.69 4.69 -42.33 | 154.60 3.05 -77.54 | 121.98 4.35 -11.34 | 97.01 3.75 0.00 | 97.62 3.79 0.00 | 112.01 4.59 0.00 |
| BOC_GAS_DRP 24189 | 81.82 2.18 0.00 | 72.58 2.15 0.00 | 71.92 2.27 0.00 | 73.03 2.34 0.00 | 65.92 2.15 0.00 | 62.47 1.92 0.00 | 97.54 2.82 0.00 | 65.63 1.91 0.00 | 59.69 1.82 0.00 | 36.21 1.12 0.00 | 48.32 1.65 -0.98 | 42.23 1.38 0.35 | 44.98 1.42 0.00 | 60.03 1.91 0.00 | 74.10 2.23 0.00 | 86.77 1.71 -36.25 | 113.31 3.22 -14.90 | 201.92 4.58 -62.32 | 161.28 4.01 -39.59 | 151.60 2.67 -74.92 | 120.82 3.75 -10.77 | 96.46 3.20 0.00 | 97.05 3.22 0.00 | 111.23 3.82 0.00 |
| BOONVILLE_115KV_TB1 79983 | 80.76 1.11 0.00 | 71.26 0.83 0.00 | 70.72 1.06 0.00 | 71.72 1.02 0.00 | 64.62 0.86 0.00 | 61.35 0.79 0.00 | 96.85 2.13 0.00 | 65.07 1.35 0.00 | 58.89 1.03 0.00 | 35.51 0.41 0.00 | 46.26 0.54 -0.03 | 41.65 0.45 0.00 | 43.92 0.36 0.00 | 58.68 0.55 0.00 | 72.54 0.66 0.00 | 50.16 0.45 -0.91 | 96.35 1.15 0.00 | 136.51 1.48 0.00 | 118.92 1.24 0.00 | 75.48 0.74 -0.73 | 107.17 0.88 0.00 | 94.71 1.45 0.00 | 94.61 0.78 0.00 | 107.75 0.34 0.00 |
| BORALEX_4TH_BRANCH 23824 | 84.65 5.00 0.00 | 75.15 4.71 0.00 | 74.38 4.72 0.00 | 75.52 4.83 0.00 | 68.16 4.40 0.00 | 64.66 4.10 0.00 | 100.70 5.98 0.00 | 67.58 3.87 0.00 | 61.55 3.69 0.00 | 37.22 2.12 0.00 | 49.60 2.92 -0.98 | 43.90 2.38 -0.33 | 45.98 2.42 0.00 | 61.56 3.43 0.00 | 76.08 4.20 0.00 | 88.35 3.42 -36.13 | 124.65 6.37 -23.08 | 251.65 9.24 -107.39 | 191.26 8.11 -65.47 | 181.42 5.26 -102.15 | 130.49 7.38 -16.82 | 99.63 6.37 0.00 | 100.25 6.42 0.00 | 114.88 7.46 0.00 |
| BOWLINE___1 23526 | 83.58 3.93 0.00 | 73.97 3.53 0.00 | 73.20 3.54 0.00 | 74.40 3.70 0.00 | 67.05 3.28 0.00 | 63.55 2.99 0.00 | 99.84 5.12 0.00 | 67.55 3.84 0.00 | 61.63 3.77 0.00 | 37.49 2.40 0.00 | 49.80 3.44 -0.67 | 45.50 3.09 -1.21 | 46.75 3.19 0.00 | 62.28 4.15 0.00 | 76.54 4.66 0.00 | 79.20 3.46 -26.95 | 108.84 6.82 -6.82 | 175.11 10.10 -30.00 | 149.74 8.86 -23.20 | 133.01 5.73 -53.27 | 119.68 7.88 -5.51 | 99.80 6.54 0.00 | 100.38 6.55 0.00 | 114.86 7.45 0.00 |
| BOWLINE___2 23595 | 83.46 3.82 0.00 | 73.88 3.44 0.00 | 73.07 3.42 0.00 | 74.29 3.60 0.00 | 66.94 3.18 0.00 | 63.47 2.91 0.00 | 99.78 5.06 0.00 | 67.55 3.84 0.00 | 61.63 3.76 0.00 | 37.47 2.38 0.00 | 49.75 3.39 -0.67 | 45.45 3.04 -1.21 | 46.70 3.14 0.00 | 62.20 4.07 0.00 | 76.44 4.56 0.00 | 79.12 3.37 -26.95 | 108.68 6.66 -6.82 | 174.92 9.90 -30.00 | 149.55 8.67 -23.20 | 132.88 5.60 -53.27 | 119.51 7.71 -5.51 | 99.68 6.41 0.00 | 100.22 6.39 0.00 | 114.72 7.31 0.00 |
| BRADY___115KV_TB2 356060 | 80.51 0.86 0.00 | 70.90 0.46 0.00 | 69.86 0.21 0.00 | 70.77 0.08 0.00 | 63.92 0.15 0.00 | 60.98 0.43 0.00 | 95.52 0.80 0.00 | 64.24 0.52 0.00 | 58.01 0.14 0.00 | 34.85 -0.24 0.00 | 45.18 -0.51 0.00 | 40.63 -0.57 0.00 | 43.03 -0.53 0.00 | 57.52 -0.61 0.00 | 71.67 -0.21 0.00 | 48.49 -0.31 0.00 | 95.34 0.14 0.00 | 135.41 0.38 0.00 | 117.90 0.23 0.00 | 73.94 -0.07 0.00 | 106.28 -0.01 0.00 | 93.38 0.12 0.00 | 93.76 -0.07 0.00 | 107.39 -0.03 0.00 |
| BRANSCOMB___SOLAR 323811 | 83.83 4.18 0.00 | 74.43 3.99 0.00 | 73.67 4.02 0.00 | 74.78 4.09 0.00 | 67.53 3.76 0.00 | 64.07 3.52 0.00 | 100.31 5.59 0.00 | 67.39 3.67 0.00 | 61.37 3.50 0.00 | 37.04 1.94 0.00 | 49.39 2.69 -1.01 | 43.26 2.19 0.13 | 45.98 2.43 0.00 | 61.51 3.39 0.00 | 76.16 4.28 0.00 | 89.48 3.40 -37.27 | 130.95 6.68 -29.06 | 283.22 9.64 -138.56 | 209.00 8.39 -82.93 | 200.22 5.32 -120.89 | 134.80 7.39 -21.12 | 99.55 6.29 0.00 | 100.01 6.18 0.00 | 114.46 7.05 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 87.30 7.65 0.00 | 80.14 7.08 -2.63 | 76.63 6.98 0.00 | 77.79 7.10 0.00 | 70.11 6.35 0.00 | 67.57 6.09 -0.93 | 109.46 9.69 -5.06 | 70.53 6.81 0.00 | 64.36 6.49 0.00 | 39.09 3.99 0.00 | 52.03 5.55 -0.79 | 50.55 5.07 -4.29 | 48.69 5.13 0.00 | 64.72 6.60 0.00 | 80.08 8.20 0.00 | 82.53 5.92 -27.81 | 113.02 10.79 -7.03 | 181.08 15.00 -31.06 | 155.29 13.55 -24.06 | 138.09 8.90 -55.18 | 124.85 12.86 -5.69 | 104.03 10.77 0.00 | 105.10 11.27 0.00 | 119.70 12.28 0.00 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|----------------------------|----------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| BRISTLHL_115KV_TB1 79998 | 76.80 -2.85 0.00 | 67.93 -2.51 0.00 | 67.17 -2.49 0.00 | 68.21 -2.49 0.00 | 61.50 -2.27 0.00 | 58.35 -2.21 0.00 | 91.47 -3.25 0.00 | 61.44 -2.28 0.00 | 55.96 -1.91 0.00 | 34.11 -0.99 0.00 | 44.38 -1.37 -0.06 | 40.05 -1.15 0.00 | 42.27 -1.29 0.00 | 56.36 -1.76 0.00 | 69.57 -2.31 0.00 | 49.66 -1.44 -2.30 | 92.30 -2.90 0.00 | 130.96 -4.06 0.00 | 114.14 -3.54 0.00 | 73.62 -2.26 -1.87 | 102.90 -3.40 0.00 | 90.21 -3.05 0.00 | 90.83 -3.00 0.00 | 103.70 -3.72 0.00 |
| BROOKHAVEN___DRP 24191 | 87.19 7.54 0.00 | 79.99 6.92 -2.63 | 76.47 6.81 0.00 | 77.64 6.95 0.00 | 69.97 6.21 0.00 | 67.46 5.97 -0.93 | 109.33 9.55 -5.06 | 70.48 6.76 0.00 | 64.31 6.44 0.00 | 39.06 3.97 0.00 | 51.89 5.41 -0.79 | 50.48 4.99 -4.29 | 48.61 5.05 0.00 | 64.61 6.49 0.00 | 79.92 8.04 0.00 | 82.53 5.92 -27.81 | 113.49 11.25 -7.03 | 182.04 15.97 -31.06 | 156.45 14.71 -24.06 | 138.64 9.46 -55.18 | 125.52 13.54 -5.69 | 104.47 11.21 0.00 | 105.26 11.43 0.00 | 119.75 12.34 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 84.10 4.45 0.00 | 74.44 4.00 0.00 | 73.69 4.04 0.00 | 74.95 4.25 0.00 | 67.46 3.69 0.00 | 63.96 3.41 0.00 | 100.35 5.63 0.00 | 67.94 4.22 0.00 | 62.05 4.18 0.00 | 37.82 2.72 0.00 | 50.56 4.08 -0.79 | 49.23 3.73 -4.30 | 47.45 3.88 0.00 | 63.05 4.93 0.00 | 77.43 5.56 0.00 | 80.62 4.01 -27.81 | 110.11 7.88 -7.03 | 177.80 11.73 -31.05 | 152.00 10.27 -24.06 | 135.82 6.65 -55.16 | 121.08 9.11 -5.69 | 100.82 7.56 0.00 | 101.33 7.49 0.00 | 115.96 8.54 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 85.74 6.09 0.00 | 78.66 5.59 -2.63 | 75.21 5.56 0.00 | 76.38 5.68 0.00 | 68.82 5.06 0.00 | 66.28 4.79 -0.93 | 107.39 7.62 -5.06 | 69.09 5.37 0.00 | 63.08 5.21 0.00 | 38.43 3.34 0.00 | 51.27 4.79 -0.79 | 49.85 4.37 -4.29 | 48.04 4.48 0.00 | 63.94 5.82 0.00 | 78.49 6.61 0.00 | 81.39 4.78 -27.81 | 111.36 9.13 -7.03 | 179.40 13.32 -31.06 | 153.71 11.97 -24.06 | 136.89 7.71 -55.18 | 122.79 10.81 -5.69 | 102.31 9.05 0.00 | 102.94 9.11 0.00 | 117.55 10.13 0.00 |
| BROOME_2_LFGE 323671 | 78.42 -1.23 0.00 | 69.42 -1.02 0.00 | 68.67 -0.98 0.00 | 69.74 -0.96 0.00 | 62.85 -0.92 0.00 | 59.50 -1.05 0.00 | 93.43 -1.29 0.00 | 62.59 -1.12 0.00 | 57.16 -0.71 0.00 | 35.80 -0.22 -0.93 | 51.21 -0.36 -5.88 | 47.86 -0.24 -6.90 | 43.98 -0.39 -0.81 | 63.40 -0.41 -5.69 | 75.44 -0.73 -4.30 | 65.27 -0.44 -16.91 | 100.96 -1.02 -6.78 | 144.34 -1.36 -10.69 | 127.05 -1.04 -10.41 | 93.09 -0.57 -19.66 | 109.35 -1.07 -4.13 | 96.15 -1.09 -3.98 | 92.87 -0.96 0.00 | 106.09 -1.33 0.00 |
| BROOME___LFGE 323600 | 78.42 -1.23 0.00 | 69.42 -1.02 0.00 | 68.67 -0.98 0.00 | 69.74 -0.96 0.00 | 62.85 -0.92 0.00 | 59.50 -1.05 0.00 | 93.43 -1.29 0.00 | 62.59 -1.12 0.00 | 57.16 -0.71 0.00 | 35.80 -0.22 -0.93 | 51.21 -0.36 -5.88 | 47.86 -0.24 -6.90 | 43.98 -0.39 -0.81 | 63.40 -0.41 -5.69 | 75.44 -0.73 -4.30 | 65.27 -0.44 -16.91 | 100.96 -1.02 -6.78 | 144.34 -1.36 -10.69 | 127.05 -1.04 -10.41 | 93.09 -0.57 -19.66 | 109.35 -1.07 -4.13 | 96.15 -1.09 -3.98 | 92.87 -0.96 0.00 | 106.09 -1.33 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 77.79 -1.85 0.00 | 68.42 -2.02 0.00 | 67.78 -1.87 0.00 | 68.66 -2.04 0.00 | 61.88 -1.89 0.00 | 58.89 -1.67 0.00 | 93.09 -1.63 0.00 | 62.58 -1.14 0.00 | 56.31 -1.56 0.00 | 33.66 -1.43 0.00 | 43.77 -1.94 -0.02 | 39.42 -1.78 0.00 | 41.54 -2.02 0.00 | 55.64 -2.49 0.00 | 68.96 -2.92 0.00 | 47.46 -2.09 -0.74 | 91.84 -3.36 0.00 | 130.31 -4.71 0.00 | 113.51 -4.17 0.00 | 71.85 -2.76 -0.60 | 102.31 -3.98 0.00 | 90.72 -2.54 0.00 | 90.47 -3.36 0.00 | 103.02 -4.40 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 85.12 5.47 0.00 | 75.29 4.86 0.00 | 74.49 4.84 0.00 | 75.73 5.04 0.00 | 68.20 4.44 0.00 | 64.72 4.16 0.00 | 101.53 6.81 0.00 | 68.72 5.00 0.00 | 62.79 4.92 0.00 | 38.25 3.15 0.00 | 51.12 4.64 -0.79 | 49.75 4.26 -4.30 | 48.01 4.45 0.00 | 63.83 5.71 0.00 | 78.43 6.55 0.00 | 81.32 4.72 -27.81 | 111.47 9.24 -7.03 | 179.75 13.68 -31.05 | 153.71 11.98 -24.06 | 136.90 7.73 -55.16 | 122.59 10.61 -5.69 | 102.12 8.87 0.00 | 102.64 8.81 0.00 | 117.40 9.99 0.00 |
| BURROWS___LYONSDAL 23803 | 80.22 0.57 0.00 | 70.72 0.28 0.00 | 70.24 0.58 0.00 | 71.22 0.53 0.00 | 64.14 0.38 0.00 | 60.89 0.33 0.00 | 96.36 1.64 0.00 | 64.74 1.02 0.00 | 58.44 0.57 0.00 | 35.11 0.01 0.00 | 45.75 0.03 -0.03 | 41.18 -0.02 0.00 | 43.39 -0.17 0.00 | 57.98 -0.14 0.00 | 71.69 -0.19 0.00 | 49.59 -0.15 -0.94 | 95.27 0.07 0.00 | 135.00 -0.02 0.00 | 117.62 -0.06 0.00 | 74.66 -0.11 -0.76 | 106.01 -0.29 0.00 | 94.00 0.74 0.00 | 93.68 -0.15 0.00 | 106.54 -0.88 0.00 |
| CAITHNESS_CC_1 323624 | 86.92 7.27 0.00 | 79.81 6.74 -2.63 | 76.30 6.64 0.00 | 77.46 6.76 0.00 | 69.81 6.04 0.00 | 67.29 5.80 -0.93 | 109.00 9.23 -5.06 | 70.27 6.55 0.00 | 64.13 6.26 0.00 | 38.97 3.88 0.00 | 51.78 5.30 -0.79 | 50.36 4.88 -4.29 | 48.51 4.95 0.00 | 64.45 6.33 0.00 | 79.70 7.82 0.00 | 82.35 5.74 -27.81 | 113.09 10.85 -7.03 | 181.57 15.49 -31.06 | 155.99 14.25 -24.06 | 138.37 9.19 -55.18 | 125.10 13.12 -5.69 | 104.09 10.83 0.00 | 104.93 11.10 0.00 | 119.42 12.00 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 86.01 6.36 0.00 | 78.97 5.90 -2.63 | 75.58 5.92 0.00 | 76.72 6.02 0.00 | 69.15 5.38 0.00 | 66.58 5.09 -0.93 | 107.46 7.69 -5.06 | 69.19 5.47 0.00 | 63.15 5.28 0.00 | 38.41 3.31 0.00 | 51.20 4.72 -0.79 | 49.80 4.32 -4.29 | 47.94 4.38 0.00 | 63.79 5.67 0.00 | 78.67 6.79 0.00 | 81.48 4.87 -27.81 | 111.38 9.15 -7.03 | 179.34 13.26 -31.06 | 153.86 12.12 -24.06 | 137.07 7.89 -55.18 | 123.08 11.10 -5.69 | 102.56 9.30 0.00 | 103.28 9.44 0.00 | 117.79 10.38 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 85.99 6.34 0.00 | 78.97 5.90 -2.63 | 75.56 5.91 0.00 | 76.72 6.02 0.00 | 69.15 5.38 0.00 | 66.58 5.09 -0.93 | 107.42 7.65 -5.06 | 69.16 5.44 0.00 | 63.15 5.28 0.00 | 38.41 3.32 0.00 | 51.20 4.72 -0.79 | 49.80 4.31 -4.29 | 47.94 4.38 0.00 | 63.79 5.66 0.00 | 78.64 6.76 0.00 | 81.48 4.86 -27.81 | 111.35 9.12 -7.03 | 179.35 13.28 -31.06 | 153.88 12.14 -24.06 | 137.07 7.88 -55.18 | 123.09 11.10 -5.69 | 102.52 9.26 0.00 | 103.27 9.44 0.00 | 117.80 10.38 0.00 |
| CALPINE_BP_GT1 23823 | 85.99 6.34 0.00 | 78.97 5.90 -2.63 | 75.56 5.91 0.00 | 76.72 6.02 0.00 | 69.15 5.38 0.00 | 66.58 5.09 -0.93 | 107.42 7.65 -5.06 | 69.16 5.44 0.00 | 63.15 5.28 0.00 | 38.41 3.32 0.00 | 51.20 4.72 -0.79 | 49.80 4.31 -4.29 | 47.94 4.38 0.00 | 63.79 5.66 0.00 | 78.64 6.76 0.00 | 81.48 4.86 -27.81 | 111.35 9.12 -7.03 | 179.35 13.28 -31.06 | 153.88 12.14 -24.06 | 137.07 7.88 -55.18 | 123.09 11.10 -5.69 | 102.52 9.26 0.00 | 103.27 9.44 0.00 | 117.80 10.38 0.00 |
| CALSPAN___DRP 24200 | 46.61 -8.00 25.04 | 40.27 -7.05 23.12 | 39.68 -7.11 22.87 | 40.11 -7.38 23.21 | 36.34 -6.79 20.63 | 36.81 -6.03 17.72 | 60.82 -9.34 24.56 | 33.87 -7.61 22.25 | 29.77 -6.66 21.44 | 15.80 -3.61 15.68 | 23.28 -5.03 17.38 | 18.39 -4.51 18.30 | 23.58 -4.74 15.23 | 32.31 -5.95 19.86 | 43.09 -7.49 21.30 | 28.60 -5.25 14.95 | 57.92 -10.92 26.36 | 88.66 -15.29 31.07 | 75.18 -13.35 29.15 | 47.11 -8.45 18.45 | 65.18 -12.25 28.86 | 55.58 -10.56 27.12 | 58.48 -9.29 26.05 | 66.56 -11.65 29.20 |

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| CALVERTON___SOLAR 323806 | 87.40 7.75 0.00 | 80.18 7.11 -2.63 | 76.65 6.99 0.00 | 77.82 7.13 0.00 | 70.13 6.36 0.00 | 67.62 6.13 -0.93 | 109.55 9.78 -5.06 | 70.66 6.94 0.00 | 64.46 6.59 0.00 | 39.15 4.06 0.00 | 51.98 5.50 -0.79 | 50.56 5.08 -4.29 | 48.70 5.14 0.00 | 64.73 6.61 0.00 | 80.05 8.17 0.00 | 82.69 6.08 -27.81 | 113.81 11.58 -7.03 | 182.46 16.38 -31.06 | 156.90 15.16 -24.06 | 138.91 9.72 -55.18 | 125.93 13.95 -5.69 | 104.76 11.50 0.00 | 105.53 11.70 0.00 | 120.07 12.66 0.00 |
| CANDIGU_WT_PWR 323617 | -68.12 -5.85 141.92 | -65.51 -5.57 130.37 | -65.62 -5.56 129.72 | -66.65 -5.50 131.84 | -58.59 -5.15 117.20 | -45.00 -5.35 100.21 | -52.28 -7.60 139.40 | -67.29 -5.32 125.68 | -67.37 -4.26 120.98 | -54.76 -2.46 87.40 | -49.69 -3.61 91.77 | -57.66 -3.10 95.76 | -45.00 -3.65 84.92 | -51.72 -4.39 105.45 | -48.76 -5.62 115.02 | -50.89 -3.76 95.94 | -61.54 -7.49 149.26 | -63.81 -10.68 188.16 | -65.22 -9.29 173.61 | -67.06 -5.60 135.47 | -66.37 -8.50 164.16 | -62.34 -7.45 148.15 | -61.01 -7.00 147.84 | -66.86 -8.36 165.91 |
| CARR STREET_E__SYR 24060 | 77.30 -2.35 0.00 | 68.39 -2.05 0.00 | 67.65 -2.00 0.00 | 68.66 -2.03 0.00 | 61.92 -1.84 0.00 | 58.74 -1.82 0.00 | 92.09 -2.63 0.00 | 61.86 -1.86 0.00 | 56.35 -1.51 0.00 | 34.33 -0.76 0.00 | 44.71 -1.06 -0.07 | 40.33 -0.87 0.00 | 42.56 -1.00 0.00 | 56.76 -1.36 0.00 | 70.07 -1.80 0.00 | 50.32 -1.12 -2.64 | 92.91 -2.29 0.00 | 131.82 -3.21 0.00 | 114.87 -2.80 0.00 | 74.44 -1.70 -2.13 | 103.63 -2.67 0.00 | 90.85 -2.41 0.00 | 91.44 -2.38 0.00 | 104.42 -2.99 0.00 |
| CARTHAGE___PAPER 23857 | 79.32 -0.33 0.00 | 69.77 -0.67 0.00 | 69.36 -0.30 0.00 | 70.24 -0.45 0.00 | 63.23 -0.54 0.00 | 60.01 -0.54 0.00 | 95.67 0.95 0.00 | 64.22 0.50 0.00 | 57.67 -0.19 0.00 | 34.32 -0.77 0.00 | 44.65 -1.08 -0.04 | 40.21 -0.98 0.00 | 42.14 -1.42 0.00 | 56.71 -1.42 0.00 | 70.08 -1.80 0.00 | 48.92 -1.20 -1.31 | 93.69 -1.51 0.00 | 133.15 -1.87 0.00 | 115.95 -1.73 0.00 | 73.90 -1.17 -1.07 | 104.50 -1.79 0.00 | 93.07 -0.19 0.00 | 92.39 -1.44 0.00 | 104.68 -2.74 0.00 |
| CASSADAGA_WT_PWR 323784 | 52.61 -8.46 18.58 | 45.61 -7.68 17.15 | 45.11 -7.58 16.97 | 45.97 -7.50 17.22 | 41.42 -7.03 15.31 | 41.11 -6.31 13.14 | 67.53 -8.97 18.22 | 39.68 -7.53 16.50 | 35.51 -6.46 15.90 | 19.54 -3.52 12.04 | 25.12 -5.23 15.35 | 15.36 -4.69 21.14 | 25.20 -4.99 13.37 | 34.70 -6.17 17.26 | 46.62 -7.55 17.70 | 30.63 -5.20 12.97 | 63.79 -10.44 20.98 | 97.73 -15.18 22.11 | 82.60 -13.07 22.01 | 53.96 -7.64 12.40 | 73.33 -10.90 22.05 | 61.17 -10.21 21.88 | 64.78 -9.72 19.33 | 74.98 -10.77 21.67 |
| CE_DUNWOOD___DRP 24194 | 84.21 4.57 0.00 | 74.53 4.09 0.00 | 73.75 4.10 0.00 | 74.96 4.27 0.00 | 67.53 3.76 0.00 | 64.05 3.49 0.00 | 100.50 5.79 0.00 | 67.97 4.25 0.00 | 62.04 4.17 0.00 | 37.75 2.66 0.00 | 50.36 3.87 -0.79 | 49.08 3.52 -4.36 | 47.20 3.64 0.00 | 62.84 4.72 0.00 | 77.26 5.39 0.00 | 80.48 3.93 -27.75 | 109.90 7.69 -7.02 | 177.34 11.34 -30.98 | 151.63 9.95 -24.00 | 135.49 6.45 -55.04 | 120.84 8.87 -5.68 | 100.68 7.42 0.00 | 101.23 7.40 0.00 | 115.81 8.39 0.00 |
| CE_MILLWOOD___DRP 24193 | 84.05 4.41 0.00 | 74.40 3.97 0.00 | 73.61 3.96 0.00 | 74.83 4.14 0.00 | 67.41 3.64 0.00 | 63.93 3.38 0.00 | 100.32 5.60 0.00 | 67.85 4.14 0.00 | 61.93 4.06 0.00 | 37.67 2.58 0.00 | 50.24 3.75 -0.79 | 48.99 3.40 -4.40 | 47.07 3.51 0.00 | 62.67 4.55 0.00 | 77.07 5.19 0.00 | 80.25 3.80 -27.65 | 109.65 7.46 -6.99 | 176.89 11.02 -30.85 | 151.22 9.64 -23.90 | 135.07 6.25 -54.81 | 120.57 8.63 -5.65 | 100.46 7.20 0.00 | 100.99 7.16 0.00 | 115.57 8.15 0.00 |
| CE_NYC2_DRP 24202 | 84.60 4.96 0.00 | 74.88 4.44 0.00 | 74.08 4.42 0.00 | 75.28 4.58 0.00 | 67.79 4.02 0.00 | 64.30 3.74 0.00 | 100.89 6.17 0.00 | 68.32 4.60 0.00 | 62.39 4.53 0.00 | 38.03 2.93 0.00 | 50.86 4.38 -0.79 | 49.51 4.01 -4.30 | 47.74 4.17 -0.01 | 63.42 5.30 0.00 | 77.89 6.01 0.00 | 80.95 4.35 -27.81 | 110.80 8.56 -7.03 | 178.56 12.49 -31.05 | 152.65 10.92 -24.06 | 136.29 7.11 -55.16 | 121.74 9.76 -5.69 | 101.42 8.16 0.00 | 101.90 8.07 0.00 | 116.62 9.20 0.00 |
| CE_NYC_DRP 24195 | 84.33 4.68 0.00 | 74.62 4.19 0.00 | 73.85 4.19 0.00 | 75.08 4.39 0.00 | 67.61 3.84 0.00 | 64.17 3.61 0.00 | 100.65 5.93 0.00 | 68.13 4.41 0.00 | 62.23 4.36 0.00 | 37.91 2.82 0.00 | 50.67 4.19 -0.79 | 49.33 3.84 -4.30 | 47.56 4.00 0.00 | 63.22 5.10 0.00 | 77.69 5.81 0.00 | 80.79 4.19 -27.81 | 110.45 8.21 -7.03 | 178.27 12.19 -31.05 | 152.41 10.68 -24.06 | 136.07 6.90 -55.16 | 121.39 9.41 -5.69 | 101.10 7.84 0.00 | 101.60 7.78 0.00 | 116.24 8.82 0.00 |
| CHAFFEE___LFGE 323603 | 52.78 -6.78 20.08 | 45.86 -6.03 18.55 | 45.23 -6.09 18.33 | 45.76 -6.33 18.60 | 41.38 -5.85 16.54 | 41.15 -5.20 14.21 | 66.98 -8.05 19.68 | 39.29 -6.58 17.85 | 34.94 -5.73 17.20 | 19.25 -3.05 12.80 | 26.03 -4.39 15.27 | 21.06 -3.90 16.24 | 27.00 -4.14 12.42 | 35.65 -5.17 17.30 | 47.39 -6.36 18.12 | 31.57 -4.56 12.68 | 64.09 -9.28 21.83 | 97.60 -13.25 24.17 | 82.46 -11.84 23.37 | 53.06 -7.43 13.52 | 72.09 -10.76 23.44 | 61.39 -9.15 22.71 | 65.02 -7.92 20.89 | 73.85 -10.15 23.41 |
| CHATEAUG_35_KV_LOAD 355732 | 79.79 0.14 0.00 | 70.09 -0.34 0.00 | 68.74 -0.91 0.00 | 69.43 -1.27 0.00 | 62.60 -1.16 0.00 | 60.01 -0.55 0.00 | 93.63 -1.09 0.00 | 62.84 -0.88 0.00 | 56.83 -1.04 0.00 | 34.10 -0.99 0.00 | 44.32 -1.37 0.00 | 39.98 -1.22 0.00 | 42.47 -1.09 0.00 | 57.19 -0.93 0.00 | 71.08 -0.80 0.00 | 48.16 -0.64 0.00 | 94.98 -0.22 0.00 | 134.94 -0.08 0.00 | 117.49 -0.19 0.00 | 73.65 -0.36 0.00 | 105.86 -0.44 0.00 | 92.73 -0.53 0.00 | 93.10 -0.73 0.00 | 106.78 -0.63 0.00 |
| CHATEAUG_WT_PWR 323614 | 79.61 -0.03 0.00 | 69.96 -0.48 0.00 | 68.53 -1.13 0.00 | 69.07 -1.62 0.00 | 62.22 -1.55 0.00 | 59.75 -0.81 0.00 | 93.18 -1.54 0.00 | 62.42 -1.30 0.00 | 56.48 -1.39 0.00 | 33.89 -1.20 0.00 | 44.08 -1.62 0.00 | 39.76 -1.44 0.00 | 42.22 -1.34 0.00 | 56.98 -1.15 0.00 | 70.77 -1.10 0.00 | 48.02 -0.78 0.00 | 94.71 -0.49 0.00 | 134.55 -0.47 0.00 | 117.17 -0.51 0.00 | 73.46 -0.55 0.00 | 105.47 -0.82 0.00 | 92.40 -0.86 0.00 | 92.82 -1.01 0.00 | 106.47 -0.94 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 79.79 0.14 0.00 | 70.09 -0.34 0.00 | 68.74 -0.91 0.00 | 69.43 -1.27 0.00 | 62.60 -1.16 0.00 | 60.01 -0.55 0.00 | 93.63 -1.09 0.00 | 62.84 -0.88 0.00 | 56.83 -1.04 0.00 | 34.10 -0.99 0.00 | 44.32 -1.37 0.00 | 39.98 -1.22 0.00 | 42.47 -1.09 0.00 | 57.19 -0.93 0.00 | 71.08 -0.80 0.00 | 48.16 -0.64 0.00 | 94.98 -0.22 0.00 | 134.94 -0.08 0.00 | 117.49 -0.19 0.00 | 73.65 -0.36 0.00 | 105.86 -0.44 0.00 | 92.73 -0.53 0.00 | 93.10 -0.73 0.00 | 106.78 -0.63 0.00 |
| CHAUTAUQUA___LFGE 323629 | 48.00 -8.29 23.36 | 41.47 -7.42 21.54 | 40.95 -7.37 21.34 | 41.51 -7.52 21.67 | 37.54 -6.97 19.26 | 37.74 -6.30 16.52 | 62.39 -9.41 22.92 | 35.44 -7.54 20.74 | 31.34 -6.55 19.98 | 16.74 -3.58 14.77 | 23.37 -5.19 17.13 | 17.02 -4.69 19.48 | 23.75 -4.99 14.82 | 32.41 -6.24 19.47 | 43.68 -7.62 20.57 | 28.69 -5.33 14.78 | 59.36 -10.69 25.14 | 90.97 -15.35 28.70 | 76.75 -13.53 27.40 | 48.78 -8.29 16.94 | 67.20 -11.93 27.16 | 56.81 -10.52 25.94 | 59.96 -9.55 24.31 | 68.65 -11.50 27.26 |
| CHERRYST_13_KV_LD 356241 | 84.54 4.89 0.00 | 74.80 4.37 0.00 | 74.02 4.36 0.00 | 75.26 4.57 0.00 | 67.79 4.02 0.00 | 64.32 3.77 0.00 | 100.89 6.18 0.00 | 68.30 4.58 0.00 | 62.40 4.54 0.00 | 38.01 2.92 0.00 | 50.81 4.33 -0.79 | 49.45 3.96 -4.30 | 47.70 4.14 0.00 | 63.41 5.29 0.00 | 77.91 6.03 0.00 | 80.94 4.34 -27.81 | 110.73 8.50 -7.03 | 178.69 12.63 -31.05 | 152.78 11.05 -24.06 | 136.29 7.13 -55.16 | 121.70 9.72 -5.69 | 101.37 8.11 0.00 | 101.87 8.04 0.00 | 116.51 9.10 0.00 |

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|--------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| CHESTROR_138KV_BK263 355645 | 83.36 3.71 0.00 | 73.77 3.34 0.00 | 72.99 3.34 0.00 | 74.19 3.50 0.00 | 66.85 3.08 0.00 | 63.37 2.82 0.00 | 99.45 4.72 0.00 | 67.20 3.48 0.00 | 61.30 3.43 0.00 | 37.28 2.19 0.00 | 49.50 3.14 -0.66 | 45.70 2.84 -1.66 | 46.49 2.92 0.00 | 61.92 3.79 0.00 | 76.21 4.33 0.00 | 77.82 3.21 -25.81 | 108.10 6.34 -6.56 | 173.03 9.37 -28.63 | 147.97 8.20 -22.09 | 130.10 5.32 -50.77 | 118.86 7.30 -5.27 | 99.35 6.09 0.00 | 99.88 6.06 0.00 | 114.28 6.87 0.00 |
| CH_MIDHUDSON___DRP 24192 | 84.66 5.01 0.00 | 74.92 4.48 0.00 | 74.13 4.47 0.00 | 75.33 4.63 0.00 | 67.88 4.11 0.00 | 64.38 3.83 0.00 | 100.95 6.23 0.00 | 68.22 4.50 0.00 | 62.27 4.40 0.00 | 37.87 2.77 0.00 | 50.44 3.98 -0.76 | 47.91 3.55 -3.17 | 47.24 3.68 0.00 | 63.04 4.92 0.00 | 77.56 5.68 0.00 | 81.21 4.17 -28.24 | 110.79 8.26 -7.33 | 179.49 12.12 -32.35 | 153.09 10.60 -24.81 | 137.11 6.82 -56.29 | 121.60 9.41 -5.90 | 101.18 7.92 0.00 | 101.63 7.80 0.00 | 116.24 8.83 0.00 |
| CH_MISC_IPPS 23765 | 85.10 5.45 0.00 | 75.30 4.86 0.00 | 74.48 4.83 0.00 | 75.70 5.01 0.00 | 68.22 4.45 0.00 | 64.71 4.15 0.00 | 101.52 6.80 0.00 | 68.63 4.91 0.00 | 62.65 4.78 0.00 | 38.10 3.00 0.00 | 50.71 4.27 -0.75 | 48.07 3.80 -3.07 | 47.49 3.93 0.00 | 63.40 5.28 0.00 | 78.00 6.13 0.00 | 81.03 4.51 -27.72 | 111.32 8.92 -7.20 | 179.90 13.15 -31.72 | 153.47 11.50 -24.30 | 136.52 7.35 -55.16 | 122.25 10.17 -5.79 | 101.76 8.51 0.00 | 102.25 8.42 0.00 | 116.88 9.46 0.00 |
| CH_RES_BVR_FALLS 23983 | 79.47 -0.18 0.00 | 70.09 -0.35 0.00 | 69.35 -0.30 0.00 | 70.31 -0.39 0.00 | 63.24 -0.52 0.00 | 60.22 -0.33 0.00 | 94.23 -0.49 0.00 | 63.23 -0.49 0.00 | 57.15 -0.72 0.00 | 34.55 -0.54 0.00 | 45.01 -0.68 0.00 | 40.63 -0.56 0.00 | 42.94 -0.62 0.00 | 57.33 -0.80 0.00 | 71.04 -0.84 0.00 | 48.06 -0.75 0.00 | 93.84 -1.37 0.00 | 132.98 -2.05 0.00 | 115.85 -1.83 0.00 | 72.82 -1.19 0.00 | 104.89 -1.40 0.00 | 92.09 -1.16 0.00 | 92.47 -1.36 0.00 | 106.02 -1.40 0.00 |
| CH_RES_NIAGARA 23895 | 50.16 -10.33 19.16 | 43.70 -9.14 17.59 | 43.07 -9.08 17.51 | 43.46 -9.43 17.80 | 39.28 -8.67 15.82 | 39.34 -7.69 13.52 | 63.85 -12.05 18.82 | 36.80 -9.95 16.96 | 32.59 -8.95 16.33 | 18.19 -4.84 12.06 | 25.16 -6.62 13.92 | 20.47 -5.98 14.74 | 25.60 -6.26 11.69 | 34.06 -8.19 15.88 | 44.79 -10.32 16.77 | 29.94 -7.30 11.56 | 60.00 -14.79 20.41 | 90.79 -21.07 23.16 | 77.07 -18.48 22.12 | 49.07 -11.78 13.16 | 67.13 -17.08 22.08 | 57.59 -14.52 21.15 | 61.45 -12.42 19.95 | 69.78 -15.24 22.40 |
| CH_RES_SYRACUSE 23985 | 78.05 -1.60 0.00 | 69.05 -1.39 0.00 | 68.29 -1.36 0.00 | 69.30 -1.40 0.00 | 62.51 -1.26 0.00 | 59.28 -1.28 0.00 | 92.98 -1.74 0.00 | 62.45 -1.27 0.00 | 56.92 -0.94 0.00 | 34.68 -0.41 0.00 | 45.14 -0.63 -0.08 | 40.79 -0.48 -0.08 | 42.95 -0.62 0.00 | 57.30 -0.83 0.00 | 70.77 -1.11 0.00 | 51.12 -0.63 -2.95 | 93.81 -1.39 0.00 | 133.38 -1.81 -0.17 | 116.29 -1.56 -0.17 | 75.66 -1.01 -2.66 | 104.68 -1.63 -0.02 | 91.72 -1.54 0.00 | 92.34 -1.49 0.00 | 105.42 -2.00 0.00 |
| CLINTON_WT_PWR 323605 | 79.61 -0.03 0.00 | 69.96 -0.48 0.00 | 68.53 -1.13 0.00 | 69.07 -1.62 0.00 | 62.22 -1.55 0.00 | 59.75 -0.81 0.00 | 93.18 -1.54 0.00 | 62.42 -1.30 0.00 | 56.48 -1.39 0.00 | 33.89 -1.20 0.00 | 44.08 -1.62 0.00 | 39.76 -1.44 0.00 | 42.22 -1.34 0.00 | 56.98 -1.15 0.00 | 70.77 -1.10 0.00 | 48.02 -0.78 0.00 | 94.71 -0.49 0.00 | 134.55 -0.47 0.00 | 117.17 -0.51 0.00 | 73.46 -0.55 0.00 | 105.47 -0.82 0.00 | 92.40 -0.86 0.00 | 92.82 -1.01 0.00 | 106.47 -0.94 0.00 |
| CLINTON___LFGE 323618 | 81.07 1.42 0.00 | 71.33 0.89 0.00 | 69.88 0.23 0.00 | 70.47 -0.22 0.00 | 63.39 -0.38 0.00 | 60.72 0.16 0.00 | 94.88 0.16 0.00 | 63.43 -0.28 0.00 | 57.43 -0.44 0.00 | 34.44 -0.66 0.00 | 44.75 -0.95 0.00 | 40.37 -0.82 0.00 | 42.86 -0.70 0.00 | 57.86 -0.27 0.00 | 71.86 -0.01 0.00 | 48.89 0.09 0.00 | 96.44 1.24 0.00 | 137.12 2.10 0.00 | 119.26 1.58 0.00 | 74.81 0.80 0.00 | 107.16 0.87 0.00 | 93.83 0.57 0.00 | 94.24 0.41 0.00 | 108.29 0.88 0.00 |
| COBBLENY_34_KV_TB1 80064 | 52.49 -7.08 20.08 | 45.67 -6.21 18.55 | 45.00 -6.32 18.33 | 45.53 -6.56 18.60 | 41.18 -6.05 16.54 | 41.03 -5.32 14.21 | 66.80 -8.23 19.68 | 39.04 -6.83 17.85 | 34.69 -5.98 17.20 | 19.11 -3.18 12.80 | 25.98 -4.44 15.27 | 20.98 -3.97 16.24 | 26.96 -4.19 12.42 | 35.61 -5.21 17.30 | 47.15 -6.61 18.12 | 31.48 -4.64 12.68 | 63.69 -9.68 21.83 | 97.44 -13.41 24.17 | 82.58 -11.73 23.37 | 53.07 -7.42 13.52 | 71.99 -10.86 23.44 | 61.15 -9.39 22.71 | 64.77 -8.18 20.89 | 73.58 -10.43 23.41 |
| COFFEEN___115KV_TB3 355620 | 79.10 -0.55 0.00 | 69.64 -0.79 0.00 | 69.23 -0.42 0.00 | 70.07 -0.62 0.00 | 63.09 -0.67 0.00 | 59.83 -0.72 0.00 | 95.59 0.87 0.00 | 64.17 0.45 0.00 | 57.72 -0.15 0.00 | 34.37 -0.73 0.00 | 44.67 -1.07 -0.04 | 40.24 -0.95 0.00 | 42.03 -1.53 0.00 | 56.87 -1.25 0.00 | 70.18 -1.69 0.00 | 49.34 -0.96 -1.51 | 94.15 -1.05 0.00 | 134.09 -0.93 0.00 | 116.78 -0.90 0.00 | 74.58 -0.65 -1.22 | 105.15 -1.14 0.00 | 93.43 0.17 0.00 | 92.79 -1.04 0.00 | 104.92 -2.50 0.00 |
| COLDSPRG_115KV_BK1 355956 | 63.41 -5.21 11.03 | 55.66 -4.57 10.21 | 54.91 -4.68 10.07 | 55.85 -4.64 10.21 | 50.31 -4.38 9.07 | 48.94 -3.80 7.81 | 78.24 -5.67 10.81 | 48.59 -5.32 9.81 | 44.16 -4.25 9.46 | 25.27 -2.09 7.73 | 30.22 -2.94 12.54 | 27.43 -2.55 11.22 | 34.39 -2.68 6.49 | 41.16 -3.20 13.75 | 54.45 -4.25 13.18 | 35.66 -3.03 10.11 | 74.16 -6.64 14.40 | 114.24 -9.07 11.71 | 96.45 -7.73 13.50 | 64.11 -4.66 5.24 | 85.41 -6.90 13.99 | 71.30 -6.49 15.47 | 76.55 -5.82 11.47 | 87.49 -7.07 12.85 |
| COLONIE_LFGE___ 323577 | 83.03 3.38 0.00 | 73.66 3.23 0.00 | 72.93 3.28 0.00 | 74.05 3.36 0.00 | 66.86 3.10 0.00 | 63.42 2.86 0.00 | 99.04 4.32 0.00 | 66.58 2.87 0.00 | 60.61 2.74 0.00 | 36.67 1.58 0.00 | 48.92 2.23 -1.00 | 42.93 1.82 0.08 | 45.47 1.91 0.00 | 60.78 2.66 0.00 | 75.09 3.21 0.00 | 88.20 2.57 -36.83 | 126.26 4.95 -26.11 | 265.10 7.17 -122.92 | 198.06 6.27 -74.11 | 189.47 4.03 -111.44 | 130.89 5.62 -18.98 | 98.06 4.80 0.00 | 98.60 4.77 0.00 | 112.98 5.57 0.00 |
| COOPERNY_115KV_TB1 80082 | 82.20 2.55 0.00 | 72.77 2.34 0.00 | 72.01 2.35 0.00 | 73.17 2.48 0.00 | 65.94 2.17 0.00 | 62.53 1.98 0.00 | 98.05 3.33 0.00 | 66.15 2.43 0.00 | 60.30 2.43 0.00 | 36.67 1.58 0.00 | 48.52 2.28 -0.55 | 44.64 2.05 -1.39 | 45.66 2.10 0.00 | 60.84 2.72 0.00 | 74.96 3.08 0.00 | 72.28 2.29 -21.19 | 105.12 4.49 -5.42 | 164.57 6.62 -22.94 | 140.98 5.82 -17.49 | 118.37 3.80 -40.56 | 115.81 5.23 -4.29 | 97.58 4.32 0.00 | 98.12 4.29 0.00 | 112.27 4.86 0.00 |
| COPENHAGEN_WT_PWR 323753 | 77.91 -1.73 0.00 | 68.61 -1.83 0.00 | 68.32 -1.34 0.00 | 69.10 -1.60 0.00 | 62.17 -1.60 0.00 | 58.91 -1.65 0.00 | 94.32 -0.40 0.00 | 63.29 -0.43 0.00 | 56.69 -1.18 0.00 | 33.65 -1.44 0.00 | 43.83 -1.90 -0.04 | 39.56 -1.64 0.00 | 41.35 -2.21 0.00 | 55.76 -2.37 0.00 | 68.84 -3.04 0.00 | 48.30 -2.05 -1.56 | 91.88 -3.32 0.00 | 130.64 -4.38 0.00 | 113.84 -3.83 0.00 | 72.80 -2.47 -1.26 | 102.62 -3.67 0.00 | 91.44 -1.82 0.00 | 90.82 -3.00 0.00 | 102.63 -4.79 0.00 |
| CORNELL_____ 23752 | 79.53 -0.12 0.00 | 70.39 -0.04 0.00 | 69.66 0.00 0.00 | 70.72 0.02 0.00 | 63.74 -0.03 0.00 | 60.39 -0.17 0.00 | 94.95 0.23 0.00 | 63.80 0.08 0.00 | 58.29 0.42 0.00 | 35.82 0.44 -0.28 | 48.04 0.44 -1.90 | 43.87 0.45 -2.22 | 44.06 0.25 -0.25 | 60.25 0.38 -1.75 | 73.50 0.30 -1.32 | 57.88 0.40 -8.68 | 98.98 0.69 -3.09 | 143.50 1.26 -7.22 | 124.85 1.19 -5.98 | 87.13 0.77 -12.35 | 109.07 0.75 -2.02 | 94.91 0.43 -1.23 | 94.32 0.49 0.00 | 107.59 0.18 0.00 |

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| CORONA__69_KV_TB1 355595 | 85.95 6.30 0.00 | 78.85 5.78 -2.63 | 75.38 5.72 0.00 | 76.53 5.83 0.00 | 69.00 5.23 0.00 | 66.45 4.95 -0.93 | 107.61 7.83 -5.06 | 69.27 5.55 0.00 | 63.14 5.27 0.00 | 38.45 3.36 0.00 | 51.34 4.86 -0.79 | 49.93 4.45 -4.29 | 48.11 4.55 0.00 | 64.06 5.93 0.00 | 78.90 7.02 0.00 | 81.62 5.00 -27.81 | 111.58 9.35 -7.03 | 179.69 13.61 -31.06 | 154.11 12.37 -24.06 | 137.22 8.03 -55.18 | 123.29 11.30 -5.69 | 102.73 9.47 0.00 | 103.46 9.63 0.00 | 118.04 10.63 0.00 |
| CORTLAND__115KV_TB3 80093 | 79.13 -0.52 0.00 | 70.06 -0.38 0.00 | 69.33 -0.33 0.00 | 70.36 -0.33 0.00 | 63.45 -0.31 0.00 | 60.13 -0.43 0.00 | 94.44 -0.28 0.00 | 63.42 -0.30 0.00 | 57.85 -0.01 0.00 | 35.26 0.16 0.00 | 45.97 0.13 -0.14 | 41.53 0.18 -0.15 | 43.60 0.04 0.00 | 58.22 0.10 0.00 | 71.82 -0.06 0.00 | 54.10 0.10 -5.20 | 96.66 0.07 -1.40 | 139.13 0.22 -3.89 | 121.36 0.27 -3.42 | 83.33 0.24 -9.08 | 107.36 0.03 -1.04 | 93.11 -0.15 0.00 | 93.70 -0.13 0.00 | 106.98 -0.44 0.00 |
| COXSACKIE__GT 23611 | 86.73 7.08 0.00 | 76.89 6.45 0.00 | 76.14 6.48 0.00 | 77.32 6.62 0.00 | 69.82 6.05 0.00 | 66.22 5.67 0.00 | 103.39 8.67 0.00 | 69.67 5.96 0.00 | 63.51 5.64 0.00 | 38.40 3.31 0.00 | 50.97 4.35 -0.92 | 45.24 3.62 -0.43 | 46.98 3.42 0.00 | 62.83 4.71 0.00 | 77.99 6.12 0.00 | 87.77 4.75 -34.22 | 120.02 9.86 -14.96 | 214.54 14.36 -65.16 | 171.77 12.47 -41.63 | 157.67 7.64 -76.03 | 128.10 10.85 -10.96 | 102.57 9.31 0.00 | 102.91 9.09 0.00 | 117.98 10.57 0.00 |
| CPV_VALLEY__CC1 323721 | 82.59 2.95 0.00 | 73.11 2.68 0.00 | 72.35 2.69 0.00 | 73.52 2.83 0.00 | 66.27 2.50 0.00 | 62.81 2.26 0.00 | 98.55 3.83 0.00 | 66.58 2.86 0.00 | 60.71 2.85 0.00 | 36.94 1.85 0.00 | 49.02 2.70 -0.63 | 45.38 2.43 -1.75 | 46.05 2.49 0.00 | 61.32 3.20 0.00 | 75.46 3.58 0.00 | 75.61 2.69 -24.13 | 106.60 5.28 -6.12 | 169.35 7.86 -26.47 | 144.95 6.90 -20.37 | 125.52 4.48 -47.03 | 117.31 6.12 -4.90 | 98.35 5.09 0.00 | 98.87 5.04 0.00 | 113.17 5.75 0.00 |
| CPV_VALLEY__CC2 323722 | 82.59 2.95 0.00 | 73.11 2.68 0.00 | 72.35 2.69 0.00 | 73.52 2.83 0.00 | 66.27 2.50 0.00 | 62.81 2.26 0.00 | 98.55 3.83 0.00 | 66.58 2.86 0.00 | 60.71 2.85 0.00 | 36.94 1.85 0.00 | 49.02 2.70 -0.63 | 45.38 2.43 -1.75 | 46.05 2.49 0.00 | 61.32 3.20 0.00 | 75.46 3.58 0.00 | 75.61 2.69 -24.13 | 106.60 5.28 -6.12 | 169.35 7.86 -26.47 | 144.95 6.90 -20.37 | 125.52 4.48 -47.03 | 117.31 6.12 -4.90 | 98.35 5.09 0.00 | 98.87 5.04 0.00 | 113.17 5.75 0.00 |
| CRESCENT__HYD 24018 | 83.03 3.38 0.00 | 73.66 3.23 0.00 | 72.93 3.28 0.00 | 74.05 3.36 0.00 | 66.86 3.10 0.00 | 63.42 2.86 0.00 | 99.04 4.32 0.00 | 66.58 2.87 0.00 | 60.61 2.74 0.00 | 36.67 1.58 0.00 | 48.92 2.23 -1.00 | 42.93 1.82 0.08 | 45.47 1.91 0.00 | 60.78 2.66 0.00 | 75.09 3.21 0.00 | 88.20 2.57 -36.83 | 126.26 4.95 -26.11 | 265.10 7.17 -122.92 | 198.06 6.27 -74.11 | 189.47 4.03 -111.44 | 130.89 5.62 -18.98 | 98.06 4.80 0.00 | 98.60 4.77 0.00 | 112.98 5.57 0.00 |
| CRICKET__VALLEY_CC1 323756 | 83.99 4.35 0.00 | 74.36 3.93 0.00 | 73.60 3.95 0.00 | 74.80 4.11 0.00 | 67.39 3.62 0.00 | 63.90 3.34 0.00 | 100.04 5.32 0.00 | 67.51 3.79 0.00 | 61.62 3.75 0.00 | 37.45 2.36 0.00 | 49.98 3.47 -0.81 | 47.97 3.08 -3.69 | 46.75 3.18 0.00 | 62.41 4.28 0.00 | 76.69 4.81 0.00 | 81.94 3.64 -29.50 | 110.14 7.15 -7.79 | 179.97 10.53 -34.41 | 153.12 9.24 -26.20 | 138.98 5.94 -59.03 | 120.77 8.23 -6.25 | 100.23 6.97 0.00 | 100.68 6.85 0.00 | 115.27 7.86 0.00 |
| CRICKET__VALLEY_CC2 323757 | 83.99 4.35 0.00 | 74.36 3.93 0.00 | 73.60 3.95 0.00 | 74.80 4.11 0.00 | 67.39 3.62 0.00 | 63.90 3.34 0.00 | 100.04 5.32 0.00 | 67.51 3.79 0.00 | 61.62 3.75 0.00 | 37.45 2.36 0.00 | 49.98 3.47 -0.81 | 47.97 3.08 -3.69 | 46.75 3.18 0.00 | 62.41 4.28 0.00 | 76.69 4.81 0.00 | 81.94 3.64 -29.50 | 110.14 7.15 -7.79 | 179.97 10.53 -34.41 | 153.12 9.24 -26.20 | 138.98 5.94 -59.03 | 120.77 8.23 -6.25 | 100.23 6.97 0.00 | 100.68 6.85 0.00 | 115.27 7.86 0.00 |
| CRICKET__VALLEY_CC3 323758 | 83.99 4.35 0.00 | 74.36 3.93 0.00 | 73.60 3.95 0.00 | 74.80 4.11 0.00 | 67.39 3.62 0.00 | 63.90 3.34 0.00 | 100.04 5.32 0.00 | 67.51 3.79 0.00 | 61.62 3.75 0.00 | 37.45 2.36 0.00 | 49.98 3.47 -0.81 | 47.97 3.08 -3.69 | 46.75 3.18 0.00 | 62.41 4.28 0.00 | 76.69 4.81 0.00 | 81.94 3.64 -29.50 | 110.14 7.15 -7.79 | 179.97 10.53 -34.41 | 153.12 9.24 -26.20 | 138.98 5.94 -59.03 | 120.77 8.23 -6.25 | 100.23 6.97 0.00 | 100.68 6.85 0.00 | 115.27 7.86 0.00 |
| CRUCIBLE__METL_DRP 24180 | 78.05 -1.60 0.00 | 69.05 -1.39 0.00 | 68.30 -1.36 0.00 | 69.30 -1.39 0.00 | 62.52 -1.25 0.00 | 59.28 -1.28 0.00 | 92.98 -1.74 0.00 | 62.45 -1.27 0.00 | 56.92 -0.94 0.00 | 34.69 -0.41 0.00 | 45.15 -0.63 -0.08 | 40.79 -0.49 -0.08 | 42.96 -0.61 0.00 | 57.31 -0.82 0.00 | 70.76 -1.12 0.00 | 51.12 -0.63 -2.95 | 93.81 -1.39 0.00 | 133.38 -1.80 -0.17 | 116.30 -1.55 -0.17 | 75.67 -0.99 -2.66 | 104.68 -1.62 -0.02 | 91.71 -1.55 0.00 | 92.35 -1.48 0.00 | 105.43 -1.98 0.00 |
| DAHOWA__HYDRO 323763 | 84.02 4.37 0.00 | 74.64 4.21 0.00 | 73.88 4.22 0.00 | 74.98 4.29 0.00 | 67.70 3.93 0.00 | 64.26 3.70 0.00 | 100.68 5.96 0.00 | 67.63 3.91 0.00 | 61.60 3.73 0.00 | 37.17 2.07 0.00 | 49.55 2.85 -1.01 | 43.40 2.34 0.14 | 46.15 2.59 0.00 | 61.75 3.62 0.00 | 76.46 4.58 0.00 | 89.80 3.65 -37.35 | 131.92 7.23 -29.49 | 286.20 10.35 -140.83 | 210.89 9.00 -84.21 | 201.97 5.70 -122.27 | 135.65 7.93 -21.43 | 99.99 6.73 0.00 | 100.44 6.61 0.00 | 114.90 7.49 0.00 |
| DANC__LFGE 323619 | 77.61 -2.04 0.00 | 68.43 -2.00 0.00 | 67.98 -1.68 0.00 | 68.85 -1.85 0.00 | 61.99 -1.77 0.00 | 58.73 -1.83 0.00 | 93.22 -1.50 0.00 | 62.60 -1.11 0.00 | 56.44 -1.43 0.00 | 33.87 -1.23 0.00 | 44.13 -1.61 -0.05 | 39.82 -1.38 0.00 | 41.77 -1.79 0.00 | 56.08 -2.04 0.00 | 69.24 -2.64 0.00 | 48.92 -1.71 -1.83 | 92.14 -3.06 0.00 | 130.86 -4.16 0.00 | 114.07 -3.61 0.00 | 73.19 -2.30 -1.49 | 102.90 -3.39 0.00 | 91.17 -2.08 0.00 | 90.99 -2.83 0.00 | 103.23 -4.18 0.00 |
| DANSKAMMER__1 23586 | 85.10 5.45 0.00 | 75.30 4.86 0.00 | 74.48 4.83 0.00 | 75.70 5.01 0.00 | 68.22 4.45 0.00 | 64.71 4.15 0.00 | 101.52 6.80 0.00 | 68.63 4.91 0.00 | 62.65 4.78 0.00 | 38.10 3.00 0.00 | 50.71 4.27 -0.75 | 48.07 3.80 -3.07 | 47.49 3.93 0.00 | 63.40 5.28 0.00 | 78.00 6.13 0.00 | 81.03 4.51 -27.72 | 111.32 8.92 -7.20 | 179.90 13.15 -31.72 | 153.47 11.50 -24.30 | 136.52 7.35 -55.16 | 122.25 10.17 -5.79 | 101.76 8.51 0.00 | 102.25 8.42 0.00 | 116.88 9.46 0.00 |
| DANSKAMMER__2 23589 | 85.10 5.45 0.00 | 75.30 4.86 0.00 | 74.48 4.83 0.00 | 75.70 5.01 0.00 | 68.22 4.45 0.00 | 64.71 4.15 0.00 | 101.52 6.80 0.00 | 68.63 4.91 0.00 | 62.65 4.78 0.00 | 38.10 3.00 0.00 | 50.71 4.27 -0.75 | 48.07 3.80 -3.07 | 47.49 3.93 0.00 | 63.40 5.28 0.00 | 78.00 6.13 0.00 | 81.03 4.51 -27.72 | 111.32 8.92 -7.20 | 179.90 13.15 -31.72 | 153.47 11.50 -24.30 | 136.52 7.35 -55.16 | 122.25 10.17 -5.79 | 101.76 8.51 0.00 | 102.25 8.42 0.00 | 116.88 9.46 0.00 |
| DANSKAMMER__3 23590 | 85.10 5.45 0.00 | 75.30 4.86 0.00 | 74.48 4.83 0.00 | 75.70 5.01 0.00 | 68.22 4.45 0.00 | 64.71 4.15 0.00 | 101.52 6.80 0.00 | 68.63 4.91 0.00 | 62.65 4.78 0.00 | 38.10 3.00 0.00 | 50.71 4.27 -0.75 | 48.07 3.80 -3.07 | 47.49 3.93 0.00 | 63.40 5.28 0.00 | 78.00 6.13 0.00 | 81.03 4.51 -27.72 | 111.32 8.92 -7.20 | 179.90 13.15 -31.72 | 153.47 11.50 -24.30 | 136.52 7.35 -55.16 | 122.25 10.17 -5.79 | 101.76 8.51 0.00 | 102.25 8.42 0.00 | 116.88 9.46 0.00 |

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| DANSKAMMER___4 23591 | 85.10 5.45 0.00 | 75.30 4.86 0.00 | 74.48 4.83 0.00 | 75.70 5.01 0.00 | 68.22 4.45 0.00 | 64.71 4.15 0.00 | 101.52 6.80 0.00 | 68.63 4.91 0.00 | 62.65 4.78 0.00 | 38.10 3.00 0.00 | 50.71 4.27 -0.75 | 48.07 3.80 -3.07 | 47.49 3.93 0.00 | 63.40 5.28 0.00 | 78.00 6.13 0.00 | 81.03 4.51 -27.72 | 111.32 8.92 -7.20 | 179.90 13.15 -31.72 | 153.47 11.50 -24.30 | 136.52 7.35 -55.16 | 122.25 10.17 -5.79 | 101.76 8.51 0.00 | 102.25 8.42 0.00 | 116.88 9.46 0.00 |
| DANSKAMMER___DIESEL 23592 | 85.12 5.48 0.00 | 75.30 4.87 0.00 | 74.48 4.83 0.00 | 75.70 5.00 0.00 | 68.21 4.44 0.00 | 64.71 4.15 0.00 | 101.52 6.81 0.00 | 68.65 4.94 0.00 | 62.65 4.78 0.00 | 38.10 3.00 0.00 | 50.71 4.26 -0.75 | 48.07 3.79 -3.07 | 47.49 3.92 0.00 | 63.40 5.28 0.00 | 78.03 6.15 0.00 | 81.04 4.51 -27.72 | 111.33 8.93 -7.20 | 179.90 13.16 -31.72 | 153.46 11.49 -24.30 | 136.52 7.35 -55.16 | 122.24 10.16 -5.79 | 101.77 8.51 0.00 | 102.24 8.41 0.00 | 116.85 9.44 0.00 |
| DARBY___SOLAR 323810 | 83.91 4.26 0.00 | 74.54 4.11 0.00 | 73.78 4.12 0.00 | 74.88 4.18 0.00 | 67.61 3.84 0.00 | 64.16 3.60 0.00 | 100.45 5.73 0.00 | 67.50 3.78 0.00 | 61.48 3.61 0.00 | 37.09 1.99 0.00 | 49.45 2.75 -1.01 | 43.32 2.25 0.13 | 46.06 2.49 0.00 | 61.61 3.49 0.00 | 76.28 4.40 0.00 | 89.58 3.50 -37.28 | 131.16 6.88 -29.08 | 283.58 9.89 -138.67 | 209.29 8.62 -82.99 | 200.43 5.47 -120.96 | 135.03 7.61 -21.13 | 99.72 6.46 0.00 | 100.19 6.36 0.00 | 114.63 7.22 0.00 |
| DASHVILLE___HYD 23610 | 86.88 7.23 0.00 | 76.78 6.35 0.00 | 75.90 6.24 0.00 | 77.13 6.44 0.00 | 69.51 5.74 0.00 | 65.93 5.37 0.00 | 103.61 8.89 0.00 | 70.18 6.47 0.00 | 64.09 6.22 0.00 | 38.97 3.88 0.00 | 51.84 5.37 -0.78 | 48.14 4.68 -2.26 | 48.36 4.80 0.00 | 64.82 6.70 0.00 | 79.77 7.90 0.00 | 83.26 5.79 -28.67 | 115.88 11.67 -9.01 | 191.69 17.27 -39.39 | 160.78 15.08 -28.02 | 142.44 9.51 -58.92 | 126.43 13.18 -6.96 | 104.35 11.09 0.00 | 104.69 10.86 0.00 | 119.47 12.05 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 87.66 8.02 0.00 | 80.25 7.18 -2.63 | 76.71 7.05 0.00 | 78.00 7.31 0.00 | 70.14 6.38 0.00 | 67.69 6.20 -0.93 | 109.74 9.97 -5.06 | 70.79 7.07 0.00 | 64.60 6.73 0.00 | 39.20 4.10 0.00 | 52.02 5.54 -0.79 | 50.57 5.08 -4.29 | 48.70 5.14 0.00 | 64.80 6.67 0.00 | 80.17 8.29 0.00 | 82.83 6.21 -27.81 | 114.22 11.98 -7.03 | 182.39 16.32 -31.06 | 157.38 15.64 -24.06 | 139.24 10.06 -55.18 | 126.41 14.42 -5.69 | 105.12 11.86 0.00 | 105.81 11.98 0.00 | 120.28 12.87 0.00 |
| DELAWARE___LFGE 323621 | 81.63 1.99 0.00 | 72.32 1.88 0.00 | 71.66 2.00 0.00 | 72.76 2.07 0.00 | 65.60 1.83 0.00 | 62.19 1.64 0.00 | 97.42 2.70 0.00 | 65.58 1.87 0.00 | 59.78 1.91 0.00 | 36.81 1.28 -0.43 | 50.38 1.74 -2.95 | 46.24 1.58 -3.46 | 45.54 1.61 -0.38 | 62.90 2.14 -2.64 | 76.30 2.42 -2.00 | 66.63 1.76 -16.07 | 106.57 3.30 -8.07 | 165.85 4.71 -26.12 | 140.47 4.18 -18.61 | 108.84 2.80 -32.03 | 115.69 3.86 -5.54 | 98.29 3.18 -1.85 | 97.00 3.16 0.00 | 110.90 3.49 0.00 |
| DERFIELD_115KV_TB7 355931 | 79.93 0.29 0.00 | 70.75 0.32 0.00 | 70.01 0.36 0.00 | 71.08 0.39 0.00 | 64.09 0.32 0.00 | 60.79 0.24 0.00 | 95.10 0.38 0.00 | 63.96 0.24 0.00 | 58.10 0.23 0.00 | 35.26 0.16 0.00 | 46.00 0.30 0.00 | 41.45 0.25 0.00 | 43.82 0.26 0.00 | 58.47 0.34 0.00 | 72.24 0.36 0.00 | 49.09 0.29 0.00 | 95.68 0.48 0.00 | 135.70 0.68 0.00 | 118.27 0.59 0.00 | 74.41 0.40 0.00 | 106.84 0.55 0.00 | 93.82 0.56 0.00 | 94.36 0.53 0.00 | 107.98 0.57 0.00 |
| DOGLEVILLE___HYD 23807 | 80.71 1.06 0.00 | 71.78 1.34 0.00 | 71.09 1.43 0.00 | 72.22 1.53 0.00 | 65.17 1.40 0.00 | 61.75 1.19 0.00 | 96.61 1.89 0.00 | 65.10 1.38 0.00 | 59.36 1.49 0.00 | 35.91 0.81 0.00 | 46.78 1.09 0.00 | 41.92 0.72 0.00 | 44.41 0.85 0.00 | 59.51 1.39 0.00 | 73.91 2.04 0.00 | 50.67 1.87 0.00 | 98.74 3.54 0.00 | 140.14 5.12 0.00 | 122.09 4.41 0.00 | 76.93 2.92 0.00 | 110.37 4.08 0.00 | 96.41 3.15 0.00 | 96.95 3.12 0.00 | 110.95 3.54 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 47.33 -8.49 23.83 | 40.93 -7.54 21.97 | 40.35 -7.54 21.76 | 40.90 -7.69 22.09 | 37.00 -7.12 19.64 | 37.36 -6.35 16.85 | 61.78 -9.57 23.37 | 34.80 -7.77 21.15 | 30.74 -6.76 20.37 | 16.37 -3.69 15.03 | 23.18 -5.21 17.30 | 17.13 -4.75 19.32 | 23.59 -5.01 14.96 | 32.20 -6.24 19.69 | 43.22 -7.81 20.85 | 28.45 -5.40 14.95 | 58.60 -11.05 25.54 | 90.20 -15.48 29.34 | 76.35 -13.41 27.92 | 48.33 -8.30 17.38 | 66.56 -12.07 27.66 | 56.21 -10.72 26.33 | 59.32 -9.72 24.80 | 67.84 -11.77 27.80 |
| DUNKIRK___1 23563 | 47.33 -8.49 23.83 | 40.93 -7.54 21.97 | 40.35 -7.54 21.76 | 40.90 -7.69 22.09 | 37.00 -7.12 19.64 | 37.36 -6.35 16.85 | 61.78 -9.57 23.37 | 34.80 -7.77 21.15 | 30.74 -6.76 20.37 | 16.37 -3.69 15.03 | 23.18 -5.21 17.30 | 17.13 -4.75 19.32 | 23.59 -5.01 14.96 | 32.20 -6.24 19.69 | 43.22 -7.81 20.85 | 28.45 -5.40 14.95 | 58.60 -11.05 25.54 | 90.20 -15.48 29.34 | 76.35 -13.41 27.92 | 48.33 -8.30 17.38 | 66.56 -12.07 27.66 | 56.21 -10.72 26.33 | 59.32 -9.72 24.80 | 67.84 -11.77 27.80 |
| DUNKIRK___2 23564 | 47.33 -8.49 23.83 | 40.93 -7.54 21.97 | 40.35 -7.54 21.76 | 40.90 -7.69 22.09 | 37.00 -7.12 19.64 | 37.36 -6.35 16.85 | 61.78 -9.57 23.37 | 34.80 -7.77 21.15 | 30.74 -6.76 20.37 | 16.37 -3.69 15.03 | 23.18 -5.21 17.30 | 17.13 -4.75 19.32 | 23.59 -5.01 14.96 | 32.20 -6.24 19.69 | 43.22 -7.81 20.85 | 28.45 -5.40 14.95 | 58.60 -11.05 25.54 | 90.20 -15.48 29.34 | 76.35 -13.41 27.92 | 48.33 -8.30 17.38 | 66.56 -12.07 27.66 | 56.21 -10.72 26.33 | 59.32 -9.72 24.80 | 67.84 -11.77 27.80 |
| DUNKIRK___3 23565 | 44.98 -8.36 26.30 | 38.81 -7.39 24.23 | 38.22 -7.42 24.02 | 38.71 -7.59 24.40 | 35.05 -7.03 21.69 | 35.72 -6.25 18.59 | 59.37 -9.55 25.80 | 32.62 -7.76 23.33 | 28.62 -6.77 22.47 | 14.96 -3.68 16.46 | 22.22 -5.16 18.32 | 16.63 -4.67 19.89 | 22.44 -4.93 16.20 | 31.03 -6.16 20.93 | 41.75 -7.73 22.40 | 27.41 -5.38 16.00 | 56.35 -11.08 27.76 | 86.79 -15.51 32.73 | 73.47 -13.46 30.75 | 45.87 -8.40 19.74 | 63.78 -12.19 30.32 | 54.06 -10.71 28.49 | 56.83 -9.62 27.37 | 64.94 -11.77 30.70 |
| DUNKIRK___4 23566 | 44.98 -8.36 26.30 | 38.81 -7.39 24.23 | 38.22 -7.42 24.02 | 38.71 -7.59 24.40 | 35.05 -7.03 21.69 | 35.72 -6.25 18.59 | 59.37 -9.55 25.80 | 32.62 -7.76 23.33 | 28.62 -6.77 22.47 | 14.96 -3.68 16.46 | 22.22 -5.16 18.32 | 16.63 -4.67 19.89 | 22.44 -4.93 16.20 | 31.03 -6.16 20.93 | 41.75 -7.73 22.40 | 27.41 -5.38 16.00 | 56.35 -11.08 27.76 | 86.79 -15.51 32.73 | 73.47 -13.46 30.75 | 45.87 -8.40 19.74 | 63.78 -12.19 30.32 | 54.06 -10.71 28.49 | 56.83 -9.62 27.37 | 64.94 -11.77 30.70 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 84.34 4.69 0.00 | 74.67 4.23 0.00 | 73.89 4.23 0.00 | 75.09 4.40 0.00 | 67.64 3.87 0.00 | 64.15 3.59 0.00 | 100.67 5.95 0.00 | 68.09 4.37 0.00 | 62.16 4.29 0.00 | 37.82 2.73 0.00 | 50.48 4.00 -0.79 | 49.14 3.65 -4.30 | 47.34 3.78 0.00 | 63.01 4.88 0.00 | 77.47 5.59 0.00 | 80.66 4.06 -27.81 | 110.17 7.94 -7.03 | 177.76 11.69 -31.05 | 151.98 10.25 -24.06 | 135.82 6.65 -55.16 | 121.16 9.19 -5.69 | 100.92 7.66 0.00 | 101.44 7.62 0.00 | 116.04 8.62 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 84.37 4.72 0.00 | 74.64 4.20 0.00 | 73.83 4.17 0.00 | 75.03 4.33 0.00 | 67.61 3.84 0.00 | 64.11 3.55 0.00 | 100.65 5.93 0.00 | 68.05 4.33 0.00 | 62.10 4.23 0.00 | 37.78 2.68 0.00 | 50.22 3.81 -0.71 | 47.07 3.39 -2.49 | 47.05 3.49 0.00 | 62.77 4.65 0.00 | 77.27 5.39 0.00 | 79.62 3.97 -26.85 | 110.08 7.89 -6.99 | 177.38 11.68 -30.68 | 151.33 10.20 -23.45 | 133.81 6.55 -53.25 | 120.91 9.01 -5.60 | 100.80 7.54 0.00 | 101.27 7.43 0.00 | 115.80 8.38 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 84.65 5.00 0.00 | 74.91 4.48 0.00 | 74.15 4.50 0.00 | 75.27 4.57 0.00 | 67.71 3.94 0.00 | 64.28 3.72 0.00 | 100.76 6.04 0.00 | 68.26 4.54 0.00 | 62.31 4.44 0.00 | 37.98 2.89 0.00 | 50.75 4.26 -0.79 | 49.34 3.84 -4.30 | 47.52 3.95 -0.01 | 63.23 5.10 0.00 | 77.70 5.83 0.00 | 80.79 4.18 -27.81 | 110.54 8.31 -7.03 | 178.30 12.23 -31.05 | 152.56 10.82 -24.06 | 136.20 7.03 -55.16 | 121.56 9.58 -5.69 | 101.23 7.97 0.00 | 101.72 7.89 0.00 | 116.50 9.09 0.00 |
| E179THST_13_KV_LOAD 356214 | 85.01 5.36 0.00 | 75.19 4.76 0.00 | 74.42 4.76 0.00 | 75.52 4.83 0.00 | 67.94 4.17 0.00 | 64.51 3.95 0.00 | 101.17 6.45 0.00 | 68.54 4.82 0.00 | 62.56 4.70 0.00 | 38.14 3.05 0.00 | 50.98 4.49 -0.79 | 49.55 4.05 -4.30 | 47.75 4.18 -0.01 | 63.53 5.41 0.00 | 78.07 6.20 0.00 | 81.04 4.44 -27.81 | 111.06 8.83 -7.03 | 179.06 12.98 -31.05 | 153.21 11.47 -24.06 | 136.60 7.43 -55.16 | 122.11 10.13 -5.69 | 101.72 8.46 0.00 | 102.21 8.38 0.00 | 117.04 9.63 0.00 |
| EAST HAMPTON___GT 23717 | 86.97 7.32 0.00 | 79.45 6.38 -2.63 | 75.93 6.27 0.00 | 77.30 6.60 0.00 | 69.35 5.58 0.00 | 66.96 5.47 -0.93 | 108.55 8.77 -5.06 | 70.04 6.32 0.00 | 63.93 6.07 0.00 | 38.77 3.68 0.00 | 51.44 4.96 -0.79 | 50.01 4.53 -4.29 | 48.11 4.55 0.00 | 64.06 5.94 0.00 | 79.23 7.35 0.00 | 82.25 5.64 -27.81 | 113.20 10.97 -7.03 | 179.92 13.84 -31.06 | 156.04 14.30 -24.06 | 138.52 9.34 -55.18 | 125.38 13.40 -5.69 | 104.08 10.82 0.00 | 104.74 10.91 0.00 | 119.00 11.59 0.00 |
| EAST RIVER___6 23660 | 84.28 4.64 0.00 | 74.60 4.16 0.00 | 73.82 4.16 0.00 | 75.06 4.36 0.00 | 67.61 3.85 0.00 | 64.15 3.59 0.00 | 100.59 5.87 0.00 | 68.12 4.40 0.00 | 62.24 4.37 0.00 | 37.94 2.85 0.00 | 50.71 4.23 -0.79 | 49.36 3.87 -4.30 | 47.60 4.04 0.00 | 63.29 5.16 0.00 | 77.71 5.83 0.00 | 80.85 4.24 -27.81 | 110.52 8.29 -7.03 | 178.51 12.44 -31.05 | 152.61 10.87 -24.06 | 136.17 7.00 -55.16 | 121.39 9.41 -5.69 | 101.12 7.86 0.00 | 101.58 7.75 0.00 | 116.18 8.76 0.00 |
| EAST RIVER___7 23524 | 84.28 4.64 0.00 | 74.60 4.16 0.00 | 73.82 4.16 0.00 | 75.06 4.36 0.00 | 67.61 3.85 0.00 | 64.15 3.59 0.00 | 100.59 5.87 0.00 | 68.12 4.40 0.00 | 62.24 4.37 0.00 | 37.94 2.85 0.00 | 50.71 4.23 -0.79 | 49.36 3.87 -4.30 | 47.60 4.04 0.00 | 63.29 5.16 0.00 | 77.71 5.83 0.00 | 80.85 4.24 -27.81 | 110.52 8.29 -7.03 | 178.51 12.44 -31.05 | 152.61 10.87 -24.06 | 136.17 7.00 -55.16 | 121.39 9.41 -5.69 | 101.12 7.86 0.00 | 101.58 7.75 0.00 | 116.18 8.76 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 84.21 4.57 0.00 | 74.53 4.09 0.00 | 73.75 4.10 0.00 | 74.96 4.27 0.00 | 67.53 3.76 0.00 | 64.05 3.49 0.00 | 100.50 5.79 0.00 | 67.97 4.25 0.00 | 62.04 4.17 0.00 | 37.75 2.66 0.00 | 50.36 3.87 -0.79 | 49.08 3.52 -4.36 | 47.20 3.64 0.00 | 62.84 4.72 0.00 | 77.26 5.39 0.00 | 80.48 3.93 -27.75 | 109.90 7.69 -7.02 | 177.34 11.34 -30.98 | 151.63 9.95 -24.00 | 135.49 6.45 -55.04 | 120.84 8.87 -5.68 | 100.68 7.42 0.00 | 101.23 7.40 0.00 | 115.81 8.39 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 86.78 7.14 0.00 | 79.27 6.20 -2.63 | 75.72 6.06 0.00 | 77.13 6.44 0.00 | 69.17 5.40 0.00 | 66.79 5.30 -0.93 | 108.29 8.52 -5.06 | 69.86 6.13 0.00 | 63.77 5.90 0.00 | 38.67 3.58 0.00 | 51.31 4.83 -0.79 | 49.90 4.41 -4.29 | 47.98 4.42 0.00 | 63.90 5.77 0.00 | 79.03 7.15 0.00 | 82.12 5.51 -27.81 | 112.95 10.72 -7.03 | 179.59 13.51 -31.06 | 155.70 13.96 -24.06 | 138.31 9.12 -55.18 | 125.09 13.11 -5.69 | 103.84 10.57 0.00 | 104.48 10.64 0.00 | 118.69 11.28 0.00 |
| EAST_POINT___SOLAR 323840 | 84.41 4.76 0.00 | 74.52 4.08 0.00 | 73.71 4.06 0.00 | 74.71 4.01 0.00 | 67.40 3.63 0.00 | 64.12 3.56 0.00 | 100.88 6.16 0.00 | 67.95 4.23 0.00 | 61.70 3.83 0.00 | 37.25 2.16 0.00 | 48.91 2.12 -1.10 | 42.75 1.69 0.14 | 45.85 2.29 0.00 | 61.25 3.12 0.00 | 76.18 4.30 0.00 | 92.87 3.27 -40.80 | 131.04 6.79 -29.05 | 284.51 9.89 -139.60 | 209.36 8.48 -83.20 | 202.89 5.20 -123.68 | 134.94 7.54 -21.11 | 99.57 6.31 0.00 | 99.92 6.09 0.00 | 113.98 6.57 0.00 |
| EAST_PULASKI___ESR 323781 | 77.33 -2.32 0.00 | 68.32 -2.11 0.00 | 67.67 -1.98 0.00 | 68.66 -2.04 0.00 | 61.88 -1.89 0.00 | 58.64 -1.92 0.00 | 92.32 -2.40 0.00 | 62.02 -1.69 0.00 | 56.28 -1.59 0.00 | 34.12 -0.97 0.00 | 44.46 -1.29 -0.06 | 40.11 -1.09 0.00 | 42.22 -1.35 0.00 | 56.42 -1.71 0.00 | 69.67 -2.21 0.00 | 49.53 -1.37 -2.10 | 92.49 -2.71 0.00 | 131.18 -3.84 0.00 | 114.42 -3.25 0.00 | 73.66 -2.05 -1.70 | 103.27 -3.02 0.00 | 90.97 -2.29 0.00 | 91.20 -2.63 0.00 | 103.88 -3.53 0.00 |
| EAST_RIVER___1 323558 | 84.31 4.66 0.00 | 74.62 4.18 0.00 | 73.84 4.18 0.00 | 75.08 4.39 0.00 | 67.62 3.86 0.00 | 64.17 3.61 0.00 | 100.63 5.91 0.00 | 68.10 4.38 0.00 | 62.22 4.36 0.00 | 37.92 2.83 0.00 | 50.67 4.19 -0.79 | 49.33 3.84 -4.30 | 47.56 3.99 0.00 | 63.22 5.10 0.00 | 77.65 5.77 0.00 | 80.79 4.18 -27.81 | 110.42 8.19 -7.03 | 178.28 12.21 -31.05 | 152.43 10.70 -24.06 | 136.08 6.91 -55.16 | 121.38 9.40 -5.69 | 101.09 7.83 0.00 | 101.60 7.77 0.00 | 116.23 8.82 0.00 |
| EAST_RIVER___2 323559 | 84.28 4.64 0.00 | 74.60 4.16 0.00 | 73.82 4.16 0.00 | 75.06 4.36 0.00 | 67.61 3.85 0.00 | 64.15 3.59 0.00 | 100.59 5.87 0.00 | 68.12 4.40 0.00 | 62.24 4.37 0.00 | 37.94 2.85 0.00 | 50.71 4.23 -0.79 | 49.36 3.87 -4.30 | 47.60 4.04 0.00 | 63.29 5.16 0.00 | 77.71 5.83 0.00 | 80.85 4.24 -27.81 | 110.52 8.29 -7.03 | 178.51 12.44 -31.05 | 152.61 10.87 -24.06 | 136.17 7.00 -55.16 | 121.39 9.41 -5.69 | 101.12 7.86 0.00 | 101.58 7.75 0.00 | 116.18 8.76 0.00 |
| EAST___DELAWARE_HYD 23607 | 84.17 4.53 0.00 | 74.35 3.92 0.00 | 73.52 3.86 0.00 | 74.69 3.99 0.00 | 67.34 3.57 0.00 | 63.86 3.31 0.00 | 100.36 5.64 0.00 | 67.86 4.14 0.00 | 61.95 4.08 0.00 | 37.67 2.58 0.00 | 49.98 3.61 -0.67 | 46.42 3.17 -2.05 | 46.72 3.16 0.00 | 62.61 4.49 0.00 | 76.94 5.07 0.00 | 78.06 3.87 -25.39 | 110.05 7.85 -6.99 | 177.17 11.79 -30.36 | 150.60 10.30 -22.62 | 130.96 6.54 -50.41 | 120.80 8.99 -5.52 | 100.68 7.42 0.00 | 101.06 7.23 0.00 | 115.37 7.96 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 158.32 -8.07 -86.75 | 142.42 -7.66 -79.64 | 141.33 -7.63 -79.30 | 143.78 -7.53 -80.62 | 128.55 -6.88 -71.66 | 114.88 -6.92 -61.24 | 169.82 -10.12 -85.23 | 133.70 -6.82 -76.79 | 126.21 -5.57 -73.91 | 75.92 -3.16 -43.99 | 40.33 -4.58 0.79 | 28.89 -4.05 8.26 | 82.59 -4.69 -43.72 | 59.02 -5.82 -6.72 | 91.19 -7.34 -26.64 | 35.57 -4.87 8.36 | 138.00 -9.45 -52.24 | 242.89 -13.41 -121.28 | 188.01 -11.97 -82.30 | 138.10 -7.10 -71.20 | 176.42 -10.55 -80.68 | 133.85 -9.50 -50.09 | 175.20 -9.01 -90.38 | 198.02 -10.84 -101.45 |
| ELBRIDGE_115KV_TB2 80188 | 77.57 -2.08 0.00 | 68.64 -1.79 0.00 | 67.90 -1.75 0.00 | 68.90 -1.79 0.00 | 62.14 -1.63 0.00 | 58.95 -1.61 0.00 | 92.43 -2.29 0.00 | 62.01 -1.71 0.00 | 56.57 -1.30 0.00 | 34.25 -0.62 0.23 | 43.44 -0.93 1.33 | 38.85 -0.77 1.57 | 42.44 -0.92 0.20 | 55.53 -1.17 1.43 | 69.25 -1.55 1.08 | 49.10 -0.92 -1.22 | 92.12 -2.05 1.03 | 132.43 -2.68 -0.08 | 114.79 -2.30 0.59 | 74.61 -1.51 -2.11 | 103.48 -2.30 0.52 | 90.15 -2.11 1.00 | 91.78 -2.04 0.00 | 104.83 -2.58 0.00 |
| ELEC_TRO_TEK 24086 | 85.46 5.81 0.00 | 78.45 5.38 -2.63 | 75.00 5.34 0.00 | 76.16 5.47 0.00 | 68.67 4.90 0.00 | 66.11 4.62 -0.93 | 107.09 7.31 -5.06 | 68.95 5.23 0.00 | 62.91 5.05 0.00 | 38.28 3.19 0.00 | 51.08 4.60 -0.79 | 49.69 4.20 -4.29 | 47.87 4.30 0.00 | 63.71 5.59 0.00 | 78.49 6.62 0.00 | 81.34 4.73 -27.81 | 111.14 8.90 -7.03 | 179.03 12.96 -31.06 | 153.51 11.77 -24.06 | 136.81 7.63 -55.18 | 122.71 10.73 -5.69 | 102.23 8.97 0.00 | 102.90 9.07 0.00 | 117.44 10.03 0.00 |

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| ELLENBURG_WT_PWR 323604 | 79.61 -0.03 0.00 | 69.96 -0.48 0.00 | 68.53 -1.13 0.00 | 69.07 -1.62 0.00 | 62.22 -1.55 0.00 | 59.75 -0.81 0.00 | 93.18 -1.54 0.00 | 62.42 -1.30 0.00 | 56.48 -1.39 0.00 | 33.89 -1.20 0.00 | 44.08 -1.62 0.00 | 39.76 -1.44 0.00 | 42.22 -1.34 0.00 | 56.98 -1.15 0.00 | 70.77 -1.10 0.00 | 48.02 -0.78 0.00 | 94.71 -0.49 0.00 | 134.55 -0.47 0.00 | 117.17 -0.51 0.00 | 73.46 -0.55 0.00 | 105.47 -0.82 0.00 | 92.40 -0.86 0.00 | 92.82 -1.01 0.00 | 106.47 -0.94 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 44.67 -8.50 26.48 | 38.58 -7.50 24.35 | 37.93 -7.53 24.19 | 38.28 -7.83 24.58 | 34.72 -7.19 21.85 | 35.48 -6.38 18.71 | 58.81 -9.91 25.99 | 32.21 -8.04 23.47 | 28.17 -7.10 22.60 | 14.75 -3.86 16.48 | 22.32 -5.37 18.01 | 17.29 -4.83 19.08 | 22.42 -5.08 16.06 | 31.07 -6.41 20.65 | 41.62 -8.04 22.21 | 27.44 -5.65 15.71 | 55.89 -11.65 27.67 | 85.58 -16.43 33.01 | 72.51 -14.35 30.82 | 44.97 -9.09 19.95 | 62.76 -13.18 30.36 | 53.60 -11.31 28.35 | 56.30 -9.96 27.57 | 64.07 -12.41 30.93 |
| EMPIRE_CC_1 323656 | 82.20 2.55 0.00 | 73.03 2.59 0.00 | 72.33 2.67 0.00 | 73.44 2.75 0.00 | 66.42 2.65 0.00 | 62.98 2.42 0.00 | 98.18 3.46 0.00 | 66.07 2.35 0.00 | 60.09 2.22 0.00 | 36.37 1.28 0.00 | 48.48 1.82 -0.96 | 42.86 1.49 -0.18 | 45.12 1.55 0.00 | 60.26 2.14 0.00 | 74.31 2.43 0.00 | 86.22 1.99 -35.44 | 111.29 3.62 -12.48 | 190.60 5.24 -50.35 | 155.29 4.55 -33.05 | 144.80 2.96 -67.83 | 119.54 4.17 -9.08 | 96.90 3.64 0.00 | 97.56 3.73 0.00 | 111.86 4.44 0.00 |
| EMPIRE_CC_2 323658 | 82.20 2.55 0.00 | 73.03 2.59 0.00 | 72.33 2.67 0.00 | 73.44 2.75 0.00 | 66.42 2.65 0.00 | 62.98 2.42 0.00 | 98.18 3.46 0.00 | 66.07 2.35 0.00 | 60.09 2.22 0.00 | 36.37 1.28 0.00 | 48.48 1.82 -0.96 | 42.86 1.49 -0.18 | 45.12 1.55 0.00 | 60.26 2.14 0.00 | 74.31 2.43 0.00 | 86.22 1.99 -35.44 | 111.29 3.62 -12.48 | 190.60 5.24 -50.35 | 155.29 4.55 -33.05 | 144.80 2.96 -67.83 | 119.54 4.17 -9.08 | 96.90 3.64 0.00 | 97.56 3.73 0.00 | 111.86 4.44 0.00 |
| ENORWICH_115KV_TB1 80156 | 81.03 1.38 0.00 | 71.82 1.38 0.00 | 71.41 1.75 0.00 | 72.59 1.90 0.00 | 65.41 1.64 0.00 | 62.08 1.52 0.00 | 98.33 3.62 0.00 | 66.91 3.19 0.00 | 61.46 3.59 0.00 | 37.82 2.22 -0.51 | 51.81 2.77 -3.34 | 47.79 2.67 -3.92 | 45.92 1.91 -0.45 | 63.39 2.14 -3.13 | 76.08 1.83 -2.37 | 63.51 1.60 -13.11 | 104.27 3.54 -5.53 | 154.16 5.69 -13.45 | 133.42 4.99 -10.75 | 97.13 3.22 -19.91 | 113.81 3.92 -3.60 | 98.56 3.11 -2.20 | 96.71 2.88 0.00 | 109.92 2.51 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 51.30 -6.53 21.82 | 44.51 -5.72 20.21 | 43.89 -5.85 19.91 | 44.42 -6.08 20.19 | 40.19 -5.63 17.95 | 40.21 -4.89 15.46 | 65.68 -7.67 21.37 | 37.78 -6.51 19.42 | 33.55 -5.59 18.73 | 18.41 -2.95 13.74 | 26.13 -4.08 15.48 | 21.25 -3.61 16.33 | 26.41 -3.79 13.36 | 35.74 -4.76 17.63 | 47.06 -5.98 18.83 | 31.78 -4.24 12.78 | 63.09 -9.04 23.06 | 95.93 -12.43 26.65 | 81.66 -10.84 25.17 | 52.06 -6.85 15.09 | 71.11 -9.97 25.21 | 60.70 -8.65 23.91 | 63.68 -7.47 22.68 | 72.43 -9.59 25.40 |
| ERIE_WT_PWR 323693 | 46.86 -7.74 25.04 | 40.44 -6.88 23.12 | 39.89 -6.90 22.87 | 40.31 -7.17 23.21 | 36.51 -6.62 20.63 | 36.91 -5.93 17.72 | 60.97 -9.20 24.56 | 34.12 -7.36 22.25 | 29.99 -6.45 21.44 | 15.94 -3.47 15.68 | 23.33 -4.98 17.38 | 18.48 -4.42 18.30 | 23.64 -4.69 15.23 | 32.34 -5.93 19.86 | 43.34 -7.24 21.30 | 28.68 -5.17 14.95 | 58.25 -10.59 26.36 | 88.81 -15.14 31.07 | 75.08 -13.45 29.15 | 47.12 -8.44 18.45 | 65.34 -12.09 28.86 | 55.83 -10.31 27.12 | 58.73 -9.05 26.05 | 66.80 -11.41 29.20 |
| ESPRGFLD_115KV_TB1 80157 | 81.68 2.03 0.00 | 72.10 1.67 0.00 | 71.32 1.66 0.00 | 72.28 1.59 0.00 | 65.17 1.40 0.00 | 61.93 1.37 0.00 | 97.41 2.69 0.00 | 65.64 1.92 0.00 | 59.69 1.82 0.00 | 36.53 1.20 -0.23 | 48.59 1.50 -1.40 | 44.29 1.44 -1.65 | 45.33 1.56 -0.20 | 61.62 2.08 -1.42 | 75.54 2.59 -1.07 | 52.27 1.58 -1.89 | 120.66 2.94 -22.52 | 241.41 4.27 -102.12 | 183.55 3.76 -62.12 | 144.47 2.34 -68.13 | 125.86 3.40 -16.17 | 97.06 2.81 -0.99 | 96.49 2.66 0.00 | 110.14 2.72 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 79.39 -0.26 0.00 | 70.26 -0.17 0.00 | 69.54 -0.11 0.00 | 70.58 -0.12 0.00 | 63.64 -0.13 0.00 | 60.30 -0.26 0.00 | 94.77 0.05 0.00 | 63.67 -0.05 0.00 | 58.18 0.31 0.00 | 35.75 0.37 -0.28 | 47.95 0.35 -1.90 | 43.79 0.37 -2.22 | 43.98 0.17 -0.25 | 60.14 0.27 -1.75 | 73.35 0.16 -1.32 | 57.78 0.29 -8.68 | 98.77 0.48 -3.09 | 143.21 0.97 -7.22 | 124.59 0.93 -5.98 | 86.96 0.60 -12.35 | 108.84 0.52 -2.02 | 94.73 0.24 -1.23 | 94.14 0.31 0.00 | 107.38 -0.03 0.00 |
| ETNA____115KV_TB2 80207 | 79.39 -0.26 0.00 | 70.26 -0.17 0.00 | 69.54 -0.11 0.00 | 70.58 -0.12 0.00 | 63.64 -0.13 0.00 | 60.30 -0.26 0.00 | 94.77 0.05 0.00 | 63.67 -0.05 0.00 | 58.18 0.31 0.00 | 35.75 0.37 -0.28 | 47.95 0.35 -1.90 | 43.79 0.37 -2.22 | 43.98 0.17 -0.25 | 60.14 0.27 -1.75 | 73.35 0.16 -1.32 | 57.78 0.29 -8.68 | 98.77 0.48 -3.09 | 143.21 0.97 -7.22 | 124.59 0.93 -5.98 | 86.96 0.60 -12.35 | 108.84 0.52 -2.02 | 94.73 0.24 -1.23 | 94.14 0.31 0.00 | 107.38 -0.03 0.00 |
| EUCLID____115KV_TB2 356179 | 77.09 -2.55 0.00 | 68.21 -2.23 0.00 | 67.48 -2.18 0.00 | 68.48 -2.21 0.00 | 61.75 -2.02 0.00 | 58.60 -1.96 0.00 | 91.85 -2.87 0.00 | 61.68 -2.04 0.00 | 56.16 -1.71 0.00 | 34.22 -0.88 0.00 | 44.55 -1.21 -0.07 | 40.18 -1.02 0.00 | 42.41 -1.15 0.00 | 56.56 -1.56 0.00 | 69.84 -2.04 0.00 | 49.97 -1.29 -2.46 | 92.57 -2.63 0.00 | 131.35 -3.67 0.00 | 114.49 -3.19 0.00 | 74.03 -1.97 -1.99 | 103.28 -3.01 0.00 | 90.57 -2.69 0.00 | 91.18 -2.65 0.00 | 104.11 -3.31 0.00 |
| E_CANADA_CAP_HY 24051 | 82.42 2.77 0.00 | 72.70 2.27 0.00 | 71.88 2.22 0.00 | 72.80 2.10 0.00 | 65.65 1.88 0.00 | 62.47 1.91 0.00 | 98.23 3.51 0.00 | 66.13 2.41 0.00 | 59.98 2.12 0.00 | 36.32 1.23 0.00 | 48.22 1.38 -1.15 | 42.29 1.20 0.10 | 45.06 1.50 0.00 | 60.17 2.04 0.00 | 74.78 2.90 0.00 | 92.97 1.82 -42.36 | 125.72 3.34 -27.17 | 270.16 4.88 -130.26 | 199.59 4.13 -77.78 | 195.71 2.51 -119.19 | 130.00 3.96 -19.75 | 96.60 3.34 0.00 | 97.03 3.20 0.00 | 110.78 3.37 0.00 |
| E_CANADA_MHWK_HY 24050 | 80.71 1.06 0.00 | 71.78 1.34 0.00 | 71.09 1.43 0.00 | 72.22 1.53 0.00 | 65.17 1.40 0.00 | 61.75 1.19 0.00 | 96.61 1.89 0.00 | 65.10 1.38 0.00 | 59.36 1.49 0.00 | 35.91 0.81 0.00 | 46.78 1.09 0.00 | 41.92 0.72 0.00 | 44.41 0.85 0.00 | 59.51 1.39 0.00 | 73.91 2.04 0.00 | 50.67 1.87 0.00 | 98.74 3.54 0.00 | 140.14 5.12 0.00 | 122.09 4.41 0.00 | 76.93 2.92 0.00 | 110.37 4.08 0.00 | 96.41 3.15 0.00 | 96.95 3.12 0.00 | 110.95 3.54 0.00 |
| E_FISHKILL____LBMP 23776 | 83.92 4.28 0.00 | 74.30 3.86 0.00 | 73.53 3.87 0.00 | 74.72 4.02 0.00 | 67.32 3.56 0.00 | 63.84 3.28 0.00 | 100.08 5.36 0.00 | 67.63 3.91 0.00 | 61.72 3.85 0.00 | 37.54 2.44 0.00 | 50.04 3.57 -0.78 | 48.07 3.21 -3.67 | 46.88 3.32 0.00 | 62.47 4.34 0.00 | 76.82 4.94 0.00 | 80.78 3.65 -28.33 | 109.52 7.16 -7.16 | 177.23 10.51 -31.70 | 151.48 9.22 -24.58 | 136.32 5.98 -56.32 | 120.33 8.24 -5.80 | 100.18 6.92 0.00 | 100.68 6.85 0.00 | 115.22 7.80 0.00 |
| FALCON____SEABRD_CC1 323796 | 80.64 0.99 0.00 | 71.01 0.57 0.00 | 69.57 -0.08 0.00 | 70.14 -0.56 0.00 | 63.05 -0.71 0.00 | 60.26 -0.30 0.00 | 94.10 -0.61 0.00 | 62.85 -0.87 0.00 | 56.87 -1.00 0.00 | 34.09 -1.00 0.00 | 44.32 -1.37 0.00 | 39.97 -1.23 0.00 | 42.46 -1.10 0.00 | 57.32 -0.80 0.00 | 71.29 -0.58 0.00 | 48.46 -0.34 0.00 | 95.54 0.34 0.00 | 135.77 0.74 0.00 | 118.14 0.46 0.00 | 74.00 -0.01 0.00 | 106.07 -0.22 0.00 | 92.87 -0.39 0.00 | 93.30 -0.53 0.00 | 107.58 0.16 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|--------------------------|----------------------------|----------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|
| FALCON___SEABRD_CC2 323797 | 80.64 0.99 0.00 | 71.01 0.57 0.00 | 69.57 -0.08 0.00 | 70.14 -0.56 0.00 | 63.05 -0.71 0.00 | 60.26 -0.30 0.00 | 94.10 -0.61 0.00 | 62.85 -0.87 0.00 | 56.87 -1.00 0.00 | 34.09 -1.00 0.00 | 44.32 -1.37 0.00 | 39.97 -1.23 0.00 | 42.46 -1.10 0.00 | 57.32 -0.80 0.00 | 71.29 -0.58 0.00 | 48.46 -0.34 0.00 | 95.54 0.34 0.00 | 135.77 0.74 0.00 | 118.14 0.46 0.00 | 74.00 -0.01 0.00 | 106.07 -0.22 0.00 | 92.87 -0.39 0.00 | 93.30 -0.53 0.00 | 107.58 0.16 0.00 |
| FAR ROCKAWAY___4 23548 | 86.64 6.98 0.00 | 79.44 6.37 -2.63 | 75.97 6.31 0.00 | 77.13 6.43 0.00 | 69.52 5.75 0.00 | 66.99 5.49 -0.93 | 108.46 8.68 -5.06 | 69.85 6.12 0.00 | 63.57 5.70 0.00 | 38.76 3.67 0.00 | 51.75 5.26 -0.79 | 50.29 4.80 -4.29 | 48.51 4.94 0.00 | 64.58 6.46 0.00 | 79.57 7.69 0.00 | 82.09 5.48 -27.81 | 112.31 10.08 -7.03 | 180.65 14.57 -31.06 | 154.96 13.22 -24.06 | 137.75 8.57 -55.18 | 124.06 12.08 -5.69 | 103.50 10.24 0.00 | 104.36 10.53 0.00 | 119.04 11.63 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 84.39 4.74 0.00 | 74.68 4.24 0.00 | 73.91 4.26 0.00 | 75.15 4.46 0.00 | 67.67 3.90 0.00 | 64.21 3.65 0.00 | 100.71 5.99 0.00 | 68.17 4.45 0.00 | 62.28 4.41 0.00 | 37.93 2.84 0.00 | 50.70 4.21 -0.79 | 49.36 3.86 -4.30 | 47.58 4.02 0.00 | 63.25 5.13 0.00 | 77.72 5.85 0.00 | 80.83 4.22 -27.81 | 110.49 8.26 -7.03 | 178.28 12.21 -31.05 | 152.41 10.68 -24.06 | 136.09 6.92 -55.16 | 121.49 9.50 -5.69 | 101.18 7.92 0.00 | 101.69 7.86 0.00 | 116.34 8.93 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 84.44 4.79 0.00 | 74.73 4.29 0.00 | 73.94 4.29 0.00 | 75.19 4.50 0.00 | 67.72 3.95 0.00 | 64.25 3.69 0.00 | 100.77 6.05 0.00 | 68.22 4.50 0.00 | 62.30 4.43 0.00 | 37.95 2.86 0.00 | 50.72 4.24 -0.79 | 49.38 3.89 -4.30 | 47.61 4.05 0.00 | 63.30 5.17 0.00 | 77.77 5.89 0.00 | 80.84 4.24 -27.81 | 110.53 8.30 -7.03 | 178.39 12.32 -31.05 | 152.52 10.79 -24.06 | 136.15 6.99 -55.16 | 121.57 9.59 -5.69 | 101.24 7.98 0.00 | 101.74 7.92 0.00 | 116.40 8.98 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 84.35 4.70 0.00 | 74.66 4.23 0.00 | 73.87 4.21 0.00 | 75.12 4.43 0.00 | 67.66 3.89 0.00 | 64.19 3.63 0.00 | 100.67 5.96 0.00 | 68.16 4.44 0.00 | 62.24 4.37 0.00 | 37.91 2.82 0.00 | 50.67 4.19 -0.79 | 49.34 3.85 -4.30 | 47.56 4.00 0.00 | 63.23 5.11 0.00 | 77.69 5.82 0.00 | 80.79 4.19 -27.81 | 110.43 8.19 -7.03 | 178.20 12.13 -31.05 | 152.34 10.61 -24.06 | 136.06 6.89 -55.16 | 121.39 9.41 -5.69 | 101.12 7.86 0.00 | 101.60 7.78 0.00 | 116.25 8.83 0.00 |
| FARRAGUT___LBMP 323566 | 84.29 4.65 0.00 | 74.59 4.15 0.00 | 73.83 4.17 0.00 | 75.08 4.38 0.00 | 67.60 3.83 0.00 | 64.14 3.58 0.00 | 100.58 5.86 0.00 | 68.10 4.38 0.00 | 62.19 4.32 0.00 | 37.89 2.79 0.00 | 50.63 4.15 -0.79 | 49.30 3.81 -4.30 | 47.53 3.96 0.00 | 63.18 5.06 0.00 | 77.63 5.75 0.00 | 80.75 4.14 -27.81 | 110.33 8.11 -7.03 | 178.07 12.00 -31.05 | 152.25 10.51 -24.06 | 135.98 6.82 -55.16 | 121.29 9.31 -5.69 | 101.05 7.79 0.00 | 101.53 7.70 0.00 | 116.18 8.77 0.00 |
| FENNER___WINDPWR 24204 | 80.03 0.39 0.00 | 70.94 0.51 0.00 | 70.24 0.59 0.00 | 71.28 0.58 0.00 | 64.32 0.55 0.00 | 60.99 0.43 0.00 | 95.97 1.25 0.00 | 64.55 0.83 0.00 | 58.73 0.86 0.00 | 35.71 0.61 0.00 | 46.50 0.72 -0.09 | 41.93 0.63 -0.10 | 44.08 0.52 0.00 | 58.84 0.71 0.00 | 72.63 0.75 0.00 | 52.82 0.57 -3.45 | 96.29 1.09 0.00 | 136.60 1.38 -0.19 | 119.05 1.18 -0.20 | 77.87 0.75 -3.11 | 107.16 0.85 -0.02 | 93.97 0.71 0.00 | 94.42 0.59 0.00 | 107.76 0.34 0.00 |
| FIBERTEK___ENERGY 23856 | 78.05 -1.60 0.00 | 69.05 -1.39 0.00 | 68.30 -1.36 0.00 | 69.30 -1.39 0.00 | 62.52 -1.25 0.00 | 59.28 -1.28 0.00 | 92.98 -1.74 0.00 | 62.45 -1.27 0.00 | 56.92 -0.94 0.00 | 34.69 -0.41 0.00 | 45.15 -0.63 -0.08 | 40.79 -0.49 -0.08 | 42.96 -0.61 0.00 | 57.31 -0.82 0.00 | 70.76 -1.12 0.00 | 51.12 -0.63 -2.95 | 93.81 -1.39 0.00 | 133.38 -1.80 -0.17 | 116.30 -1.55 -0.17 | 75.67 -0.99 -2.66 | 104.68 -1.62 -0.02 | 91.71 -1.55 0.00 | 92.35 -1.48 0.00 | 105.43 -1.98 0.00 |
| FITZPATRICK____ 23598 | 76.12 -3.53 0.00 | 67.35 -3.09 0.00 | 66.61 -3.05 0.00 | 67.60 -3.10 0.00 | 60.96 -2.80 0.00 | 57.87 -2.69 0.00 | 90.65 -4.07 0.00 | 60.89 -2.83 0.00 | 55.39 -2.48 0.00 | 33.73 -1.37 0.00 | 43.89 -1.85 -0.05 | 39.61 -1.59 0.00 | 41.83 -1.73 0.00 | 55.74 -2.39 0.00 | 68.87 -3.01 0.00 | 48.56 -1.98 -1.74 | 91.25 -3.95 0.00 | 129.47 -5.55 0.00 | 112.84 -4.84 0.00 | 72.37 -3.05 -1.41 | 101.82 -4.47 0.00 | 89.31 -3.94 0.00 | 89.92 -3.91 0.00 | 102.73 -4.69 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 87.24 7.60 0.00 | 80.10 7.03 -2.63 | 76.56 6.90 0.00 | 77.72 7.03 0.00 | 70.05 6.28 0.00 | 67.53 6.04 -0.93 | 109.42 9.64 -5.06 | 70.54 6.81 0.00 | 64.38 6.51 0.00 | 39.11 4.01 0.00 | 52.02 5.54 -0.79 | 50.56 5.08 -4.29 | 48.69 5.13 0.00 | 64.75 6.62 0.00 | 80.09 8.21 0.00 | 82.62 6.01 -27.81 | 113.63 11.40 -7.03 | 182.43 16.35 -31.06 | 156.65 14.91 -24.06 | 138.84 9.66 -55.18 | 125.73 13.75 -5.69 | 104.69 11.43 0.00 | 105.43 11.60 0.00 | 119.97 12.56 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 85.24 5.60 0.00 | 75.42 4.98 0.00 | 74.60 4.94 0.00 | 75.82 5.13 0.00 | 68.32 4.55 0.00 | 64.81 4.25 0.00 | 101.69 6.97 0.00 | 68.75 5.03 0.00 | 62.75 4.88 0.00 | 38.16 3.07 0.00 | 50.80 4.35 -0.75 | 48.18 3.87 -3.11 | 47.57 4.01 0.00 | 63.52 5.40 0.00 | 78.17 6.29 0.00 | 81.24 4.59 -27.84 | 111.52 9.11 -7.21 | 180.19 13.39 -31.78 | 153.78 11.72 -24.38 | 136.90 7.49 -55.41 | 122.46 10.37 -5.80 | 101.95 8.69 0.00 | 102.39 8.56 0.00 | 117.04 9.63 0.00 |
| FORT ORANGE____ 23900 | 83.00 3.36 0.00 | 73.63 3.20 0.00 | 72.93 3.27 0.00 | 74.06 3.37 0.00 | 66.91 3.14 0.00 | 63.39 2.83 0.00 | 98.68 3.96 0.00 | 66.23 2.51 0.00 | 60.22 2.36 0.00 | 36.50 1.41 0.00 | 48.71 2.03 -0.98 | 42.70 1.65 0.14 | 45.18 1.62 0.00 | 60.39 2.27 0.00 | 74.56 2.69 0.00 | 87.08 2.10 -36.18 | 117.89 4.10 -18.59 | 223.59 5.94 -82.64 | 174.07 5.16 -51.23 | 164.46 3.34 -87.11 | 124.49 4.70 -13.50 | 97.35 4.09 0.00 | 97.91 4.08 0.00 | 112.89 5.47 0.00 |
| FORT_DRUM_COGEN 23780 | 78.62 -1.03 0.00 | 69.19 -1.24 0.00 | 68.82 -0.84 0.00 | 69.65 -1.05 0.00 | 62.69 -1.08 0.00 | 59.45 -1.11 0.00 | 94.94 0.22 0.00 | 63.75 0.03 0.00 | 57.25 -0.62 0.00 | 34.07 -1.03 0.00 | 44.34 -1.39 -0.04 | 39.95 -1.25 0.00 | 41.79 -1.78 0.00 | 56.37 -1.75 0.00 | 69.60 -2.27 0.00 | 48.80 -1.45 -1.45 | 93.12 -2.08 0.00 | 132.48 -2.54 0.00 | 115.39 -2.29 0.00 | 73.70 -1.48 -1.17 | 104.00 -2.29 0.00 | 92.55 -0.71 0.00 | 91.91 -1.92 0.00 | 103.96 -3.46 0.00 |
| FOX_HILLS___ESR 323835 | 84.65 5.00 0.00 | 74.89 4.46 0.00 | 74.10 4.45 0.00 | 75.36 4.66 0.00 | 67.96 4.19 0.00 | 64.50 3.94 0.00 | 101.26 6.54 0.00 | 68.86 4.98 -0.16 | 64.53 4.82 -1.84 | 59.51 3.10 -21.32 | 61.35 4.49 -11.16 | 70.27 4.07 -25.00 | 70.27 4.25 -22.45 | 71.82 5.37 -8.33 | 78.12 6.03 -0.21 | 145.78 4.49 -92.49 | 159.72 8.95 -55.57 | 333.04 13.12 -184.90 | 371.37 11.50 -242.19 | 426.70 7.47 -345.22 | 205.05 10.22 -88.54 | 167.39 8.52 -65.61 | 125.58 8.46 -23.29 | 117.19 9.77 0.00 |
| FPL FAR_ROCK_GT1 24212 | 86.61 6.96 0.00 | 79.44 6.36 -2.63 | 75.97 6.31 0.00 | 77.12 6.43 0.00 | 69.53 5.76 0.00 | 66.98 5.49 -0.93 | 108.41 8.63 -5.06 | 69.84 6.12 0.00 | 63.56 5.69 0.00 | 38.78 3.68 0.00 | 51.75 5.26 -0.79 | 50.29 4.80 -4.29 | 48.50 4.94 0.00 | 64.58 6.45 0.00 | 79.54 7.66 0.00 | 82.08 5.47 -27.81 | 112.31 10.08 -7.03 | 180.65 14.57 -31.06 | 154.97 13.23 -24.06 | 137.75 8.57 -55.18 | 124.07 12.09 -5.69 | 103.47 10.21 0.00 | 104.35 10.52 0.00 | 119.04 11.62 0.00 |

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| FPL FAR_ROCK_GT2 23815 | 86.61 6.96 0.00 | 79.44 6.36 -2.63 | 75.97 6.31 0.00 | 77.12 6.43 0.00 | 69.53 5.76 0.00 | 66.98 5.49 -0.93 | 108.41 8.63 -5.06 | 69.84 6.12 0.00 | 63.56 5.69 0.00 | 38.78 3.68 0.00 | 51.75 5.26 -0.79 | 50.29 4.80 -4.29 | 48.50 4.94 0.00 | 64.58 6.45 0.00 | 79.54 7.66 0.00 | 82.08 5.47 -27.81 | 112.31 10.08 -7.03 | 180.65 14.57 -31.06 | 154.97 13.23 -24.06 | 137.75 8.57 -55.18 | 124.07 12.09 -5.69 | 103.47 10.21 0.00 | 104.35 10.52 0.00 | 119.04 11.62 0.00 |
| FRANKLIN_FALL_HYD 24054 | 80.30 0.66 0.00 | 70.57 0.14 0.00 | 69.26 -0.39 0.00 | 69.99 -0.71 0.00 | 63.12 -0.65 0.00 | 60.52 -0.04 0.00 | 94.68 -0.03 0.00 | 63.60 -0.12 0.00 | 57.55 -0.32 0.00 | 34.57 -0.52 0.00 | 44.93 -0.77 0.00 | 40.52 -0.67 0.00 | 43.02 -0.55 0.00 | 57.80 -0.32 0.00 | 71.82 -0.06 0.00 | 48.67 -0.14 0.00 | 95.92 0.72 0.00 | 136.43 1.41 0.00 | 118.69 1.01 0.00 | 74.44 0.43 0.00 | 106.86 0.56 0.00 | 93.65 0.39 0.00 | 93.96 0.13 0.00 | 107.59 0.18 0.00 |
| FREEPORT_EQU_S_GT1 23764 | 85.81 6.17 0.00 | 78.87 5.80 -2.63 | 75.53 5.87 0.00 | 76.68 5.99 0.00 | 69.14 5.37 0.00 | 66.59 5.10 -0.93 | 107.53 7.76 -5.06 | 69.23 5.51 0.00 | 63.33 5.46 0.00 | 38.54 3.45 0.00 | 51.38 4.90 -0.79 | 49.95 4.47 -4.29 | 48.12 4.56 0.00 | 64.06 5.93 0.00 | 78.88 7.00 0.00 | 81.54 4.92 -27.81 | 111.26 9.02 -7.03 | 179.28 13.21 -31.06 | 153.82 12.08 -24.06 | 137.01 7.83 -55.18 | 123.02 11.04 -5.69 | 102.69 9.43 0.00 | 103.40 9.57 0.00 | 117.91 10.49 0.00 |
| FREEPORT___CT2 23818 | 85.81 6.17 0.00 | 78.87 5.80 -2.63 | 75.53 5.87 0.00 | 76.68 5.99 0.00 | 69.14 5.37 0.00 | 66.59 5.10 -0.93 | 107.53 7.76 -5.06 | 69.23 5.51 0.00 | 63.33 5.46 0.00 | 38.54 3.45 0.00 | 51.38 4.90 -0.79 | 49.95 4.47 -4.29 | 48.12 4.56 0.00 | 64.06 5.93 0.00 | 78.88 7.00 0.00 | 81.54 4.92 -27.81 | 111.26 9.02 -7.03 | 179.28 13.21 -31.06 | 153.82 12.08 -24.06 | 137.01 7.83 -55.18 | 123.02 11.04 -5.69 | 102.69 9.43 0.00 | 103.40 9.57 0.00 | 117.91 10.49 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 84.57 4.92 0.00 | 74.85 4.41 0.00 | 74.04 4.38 0.00 | 75.31 4.62 0.00 | 67.98 4.21 0.00 | 64.52 3.96 0.00 | 101.28 6.56 0.00 | 68.93 5.05 -0.16 | 64.57 4.86 -1.84 | 59.53 3.12 -21.32 | 61.31 4.46 -11.16 | 70.21 4.01 -25.00 | 70.21 4.20 -22.45 | 71.73 5.28 -8.33 | 77.97 5.88 -0.21 | 145.74 4.45 -92.49 | 159.74 8.98 -55.57 | 333.02 13.10 -184.90 | 371.34 11.47 -242.19 | 426.69 7.47 -345.22 | 205.04 10.21 -88.54 | 167.37 8.50 -65.61 | 125.57 8.45 -23.29 | 117.24 9.82 0.00 |
| FULTON COGEN____ 23766 | 76.80 -2.85 0.00 | 67.93 -2.51 0.00 | 67.17 -2.49 0.00 | 68.21 -2.49 0.00 | 61.50 -2.27 0.00 | 58.35 -2.21 0.00 | 91.47 -3.25 0.00 | 61.44 -2.28 0.00 | 55.96 -1.91 0.00 | 34.11 -0.99 0.00 | 44.38 -1.37 -0.06 | 40.05 -1.15 0.00 | 42.27 -1.29 0.00 | 56.36 -1.76 0.00 | 69.57 -2.31 0.00 | 49.66 -1.44 -2.30 | 92.30 -2.90 0.00 | 130.96 -4.06 0.00 | 114.14 -3.54 0.00 | 73.62 -2.26 -1.87 | 102.90 -3.40 0.00 | 90.21 -3.05 0.00 | 90.83 -3.00 0.00 | 103.70 -3.72 0.00 |
| FULTON___LFGE 323630 | 83.74 4.09 0.00 | 73.99 3.55 0.00 | 73.17 3.51 0.00 | 74.16 3.47 0.00 | 66.91 3.14 0.00 | 63.59 3.03 0.00 | 99.90 5.18 0.00 | 67.33 3.61 0.00 | 61.11 3.24 0.00 | 36.87 1.78 0.00 | 48.73 1.95 -1.09 | 42.55 1.51 0.15 | 45.40 1.84 0.00 | 60.76 2.63 0.00 | 75.81 3.93 0.00 | 92.09 2.87 -40.41 | 130.49 5.76 -29.52 | 285.39 8.42 -141.95 | 209.45 7.21 -84.56 | 203.30 4.47 -124.81 | 134.25 6.51 -21.45 | 98.68 5.42 0.00 | 99.09 5.26 0.00 | 113.06 5.64 0.00 |
| G.F.CEMENT___DRP 24184 | 84.67 5.03 0.00 | 75.33 4.90 0.00 | 74.56 4.90 0.00 | 75.62 4.93 0.00 | 68.29 4.53 0.00 | 64.84 4.28 0.00 | 101.77 7.05 0.00 | 68.30 4.59 0.00 | 62.30 4.43 0.00 | 37.58 2.48 0.00 | 50.08 3.37 -1.01 | 43.83 2.80 0.16 | 46.70 3.13 0.00 | 62.47 4.35 0.00 | 77.41 5.53 0.00 | 90.66 4.38 -37.48 | 134.13 8.74 -30.19 | 292.02 12.48 -144.52 | 214.85 10.89 -86.28 | 205.35 6.84 -124.50 | 137.71 9.49 -21.93 | 101.30 8.04 0.00 | 101.70 7.87 0.00 | 116.27 8.86 0.00 |
| GARDENVILLE___LBMP 24039 | 42.08 -8.23 29.33 | 36.15 -7.28 27.01 | 35.55 -7.31 26.80 | 35.91 -7.56 27.22 | 32.59 -6.98 24.20 | 33.64 -6.19 20.73 | 56.31 -9.63 28.79 | 29.91 -7.80 26.02 | 25.97 -6.84 25.06 | 13.16 -3.71 18.22 | 20.88 -5.17 19.64 | 15.78 -4.65 20.77 | 20.90 -4.90 17.77 | 29.42 -6.16 22.54 | 39.77 -7.74 24.37 | 25.99 -5.42 17.38 | 53.41 -11.25 30.53 | 82.37 -15.77 36.88 | 69.66 -13.78 34.25 | 42.66 -8.71 22.64 | 60.04 -12.63 33.62 | 51.17 -10.88 31.20 | 53.70 -9.59 30.54 | 61.19 -11.97 34.25 |
| GARDNVLA_35_KV_LD 355827 | 48.26 -7.94 23.44 | 41.76 -7.00 21.67 | 41.20 -7.06 21.40 | 41.64 -7.34 21.71 | 37.70 -6.77 19.30 | 37.97 -5.99 16.59 | 62.45 -9.29 22.97 | 35.34 -7.54 20.84 | 31.17 -6.61 20.09 | 16.78 -3.58 14.73 | 24.17 -4.98 16.54 | 19.30 -4.45 17.44 | 24.55 -4.69 14.32 | 33.38 -5.89 18.86 | 44.33 -7.40 20.15 | 29.57 -5.19 14.04 | 59.58 -10.82 24.80 | 91.00 -15.12 28.90 | 77.25 -13.18 27.25 | 48.78 -8.34 16.88 | 67.09 -12.11 27.09 | 57.23 -10.43 25.59 | 60.25 -9.20 24.38 | 68.53 -11.56 27.32 |
| GELCKHM___115KV_LOAD 80723 | 77.46 -2.19 0.00 | 68.53 -1.91 0.00 | 67.80 -1.85 0.00 | 68.80 -1.89 0.00 | 62.05 -1.72 0.00 | 58.86 -1.70 0.00 | 92.28 -2.44 0.00 | 62.00 -1.72 0.00 | 56.45 -1.41 0.00 | 34.39 -0.70 0.00 | 44.77 -1.00 -0.07 | 40.38 -0.81 0.00 | 42.61 -0.95 0.00 | 56.84 -1.28 0.00 | 70.19 -1.68 0.00 | 50.40 -1.03 -2.64 | 93.05 -2.15 0.00 | 132.06 -2.96 0.00 | 115.10 -2.58 0.00 | 74.57 -1.57 -2.14 | 103.81 -2.48 0.00 | 91.01 -2.25 0.00 | 91.62 -2.20 0.00 | 104.64 -2.78 0.00 |
| GENERAL___MILLS 23808 | 46.61 -8.00 25.04 | 40.27 -7.05 23.12 | 39.68 -7.11 22.87 | 40.11 -7.38 23.21 | 36.34 -6.79 20.63 | 36.81 -6.03 17.72 | 60.82 -9.34 24.56 | 33.87 -7.61 22.25 | 29.77 -6.66 21.44 | 15.80 -3.61 15.68 | 23.28 -5.03 17.38 | 18.39 -4.51 18.30 | 23.58 -4.74 15.23 | 32.31 -5.95 19.86 | 43.09 -7.49 21.30 | 28.60 -5.25 14.95 | 57.92 -10.92 26.36 | 88.66 -15.29 31.07 | 75.18 -13.35 29.15 | 47.11 -8.45 18.45 | 65.18 -12.25 28.86 | 55.58 -10.56 27.12 | 58.48 -9.29 26.05 | 66.56 -11.65 29.20 |
| GE_PLASTICS___DRP 24183 | 82.22 2.57 0.00 | 72.93 2.49 0.00 | 72.25 2.59 0.00 | 73.37 2.67 0.00 | 66.27 2.51 0.00 | 62.82 2.26 0.00 | 97.99 3.27 0.00 | 65.94 2.22 0.00 | 59.96 2.09 0.00 | 36.36 1.27 0.00 | 48.53 1.86 -0.98 | 42.47 1.53 0.26 | 45.12 1.56 0.00 | 60.26 2.13 0.00 | 74.37 2.50 0.00 | 86.95 1.95 -36.20 | 115.28 3.70 -16.38 | 210.80 5.27 -70.51 | 166.56 4.59 -44.29 | 156.85 3.01 -79.83 | 122.39 4.22 -11.87 | 96.87 3.61 0.00 | 97.47 3.64 0.00 | 111.79 4.37 0.00 |
| GILBOA___1 23756 | 81.75 2.10 0.00 | 72.68 2.24 0.00 | 72.15 2.50 0.00 | 73.29 2.59 0.00 | 66.10 2.33 0.00 | 62.46 1.90 0.00 | 97.42 2.70 0.00 | 65.55 1.83 0.00 | 59.65 1.78 0.00 | 36.27 1.18 0.00 | 48.17 1.70 -0.77 | 42.66 1.47 0.00 | 45.08 1.51 0.00 | 60.15 2.03 0.00 | 74.19 2.32 0.00 | 79.02 1.74 -28.48 | 104.51 3.01 -6.30 | 159.31 3.99 -20.30 | 136.48 3.59 -15.21 | 119.43 2.62 -42.80 | 114.62 3.75 -4.58 | 96.40 3.14 0.00 | 97.06 3.23 0.00 | 111.21 3.80 0.00 |
| GILBOA___2 23757 | 81.75 2.10 0.00 | 72.68 2.24 0.00 | 72.15 2.50 0.00 | 73.29 2.59 0.00 | 66.10 2.33 0.00 | 62.46 1.90 0.00 | 97.42 2.70 0.00 | 65.55 1.83 0.00 | 59.65 1.78 0.00 | 36.27 1.18 0.00 | 48.17 1.70 -0.77 | 42.66 1.47 0.00 | 45.08 1.51 0.00 | 60.15 2.03 0.00 | 74.19 2.32 0.00 | 79.02 1.74 -28.48 | 104.51 3.01 -6.30 | 159.31 3.99 -20.30 | 136.48 3.59 -15.21 | 119.43 2.62 -42.80 | 114.62 3.75 -4.58 | 96.40 3.14 0.00 | 97.06 3.23 0.00 | 111.21 3.80 0.00 |

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|--------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| GILBOA___3 23758 | 81.75 2.10 0.00 | 72.68 2.24 0.00 | 72.15 2.50 0.00 | 73.29 2.59 0.00 | 66.10 2.33 0.00 | 62.46 1.90 0.00 | 97.42 2.70 0.00 | 65.55 1.83 0.00 | 59.65 1.78 0.00 | 36.27 1.18 0.00 | 48.17 1.70 -0.77 | 42.66 1.47 0.00 | 45.08 1.51 0.00 | 60.15 2.03 0.00 | 74.19 2.32 0.00 | 79.02 1.74 -28.48 | 104.51 3.01 -6.30 | 159.31 3.99 -20.30 | 136.48 3.59 -15.21 | 119.43 2.62 -42.80 | 114.62 3.75 -4.58 | 96.40 3.14 0.00 | 97.06 3.23 0.00 | 111.21 3.80 0.00 |
| GILBOA___4 23759 | 81.75 2.10 0.00 | 72.68 2.24 0.00 | 72.15 2.50 0.00 | 73.29 2.59 0.00 | 66.10 2.33 0.00 | 62.46 1.90 0.00 | 97.42 2.70 0.00 | 65.55 1.83 0.00 | 59.65 1.78 0.00 | 36.27 1.18 0.00 | 48.17 1.70 -0.77 | 42.66 1.47 0.00 | 45.08 1.51 0.00 | 60.15 2.03 0.00 | 74.19 2.32 0.00 | 79.02 1.74 -28.48 | 104.51 3.01 -6.30 | 159.31 3.99 -20.30 | 136.48 3.59 -15.21 | 119.43 2.62 -42.80 | 114.62 3.75 -4.58 | 96.40 3.14 0.00 | 97.06 3.23 0.00 | 111.21 3.80 0.00 |
| GILBOA___ 23599 | 81.77 2.12 0.00 | 72.68 2.24 0.00 | 72.16 2.51 0.00 | 73.29 2.59 0.00 | 66.09 2.32 0.00 | 62.46 1.90 0.00 | 97.42 2.70 0.00 | 65.56 1.84 0.00 | 59.66 1.79 0.00 | 36.26 1.17 0.00 | 48.17 1.70 -0.77 | 42.67 1.48 0.00 | 45.07 1.51 0.00 | 60.15 2.02 0.00 | 74.19 2.32 0.00 | 79.02 1.74 -28.48 | 104.52 3.03 -6.30 | 159.31 3.99 -20.30 | 136.47 3.58 -15.21 | 119.44 2.63 -42.80 | 114.64 3.77 -4.58 | 96.39 3.14 0.00 | 97.06 3.23 0.00 | 111.22 3.80 0.00 |
| GINNA___ 23603 | 71.96 -7.69 0.00 | 63.63 -6.81 0.00 | 62.88 -6.77 0.00 | 63.70 -6.99 0.00 | 57.41 -6.36 0.00 | 54.75 -5.81 0.00 | 85.85 -8.87 0.00 | 57.19 -6.53 0.00 | 52.12 -5.75 0.00 | 30.99 -3.23 0.87 | 36.14 -4.35 5.20 | 31.22 -3.84 6.14 | 38.72 -4.08 0.76 | 47.47 -5.31 5.35 | 61.23 -6.60 4.04 | 40.60 -4.50 3.70 | 82.35 -9.00 3.86 | 122.06 -12.79 0.16 | 103.62 -11.37 2.68 | 67.18 -7.28 -0.46 | 93.67 -10.64 1.98 | 80.24 -9.28 3.75 | 85.01 -8.82 0.00 | 96.65 -10.77 0.00 |
| GLEN PARK___ 23778 | 78.87 -0.77 0.00 | 69.45 -0.99 0.00 | 69.04 -0.61 0.00 | 69.89 -0.80 0.00 | 62.93 -0.84 0.00 | 59.67 -0.89 0.00 | 95.33 0.61 0.00 | 64.01 0.29 0.00 | 57.55 -0.32 0.00 | 34.25 -0.85 0.00 | 44.53 -1.21 -0.04 | 40.12 -1.08 0.00 | 41.91 -1.65 0.00 | 56.68 -1.44 0.00 | 69.95 -1.93 0.00 | 49.16 -1.14 -1.50 | 93.79 -1.41 0.00 | 133.54 -1.48 0.00 | 116.31 -1.37 0.00 | 74.28 -0.94 -1.21 | 104.77 -1.52 0.00 | 93.11 -0.15 0.00 | 92.44 -1.38 0.00 | 104.57 -2.84 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 84.95 5.30 0.00 | 75.16 4.73 0.00 | 74.35 4.70 0.00 | 75.56 4.86 0.00 | 68.04 4.27 0.00 | 64.54 3.98 0.00 | 101.27 6.55 0.00 | 68.59 4.87 0.00 | 62.64 4.77 0.00 | 38.19 3.09 0.00 | 51.07 4.58 -0.79 | 49.70 4.21 -4.30 | 47.95 4.38 -0.01 | 63.70 5.58 0.00 | 78.24 6.36 0.00 | 81.19 4.58 -27.81 | 111.28 9.05 -7.03 | 179.25 13.17 -31.05 | 153.28 11.54 -24.06 | 136.68 7.50 -55.16 | 122.28 10.30 -5.69 | 101.89 8.63 0.00 | 102.34 8.51 0.00 | 117.09 9.67 0.00 |
| GLENWOOD_IC_1_G5 23712 | 85.36 5.72 0.00 | 78.30 5.23 -2.63 | 74.83 5.18 0.00 | 76.04 5.34 0.00 | 68.51 4.75 0.00 | 65.98 4.49 -0.93 | 106.93 7.15 -5.06 | 68.68 4.96 0.00 | 62.71 4.84 0.00 | 38.26 3.17 0.00 | 51.05 4.57 -0.79 | 49.65 4.17 -4.29 | 47.85 4.28 0.00 | 63.67 5.55 0.00 | 77.91 6.03 0.00 | 80.97 4.36 -27.81 | 110.60 8.36 -7.03 | 178.33 12.25 -31.06 | 152.70 10.96 -24.06 | 136.29 7.11 -55.18 | 121.91 9.93 -5.69 | 101.54 8.28 0.00 | 102.13 8.30 0.00 | 116.72 9.31 0.00 |
| GLENWOOD_IC_2_G1 23688 | 84.89 5.25 0.00 | 77.85 4.79 -2.63 | 74.41 4.75 0.00 | 75.62 4.93 0.00 | 68.14 4.37 0.00 | 65.59 4.09 -0.93 | 106.37 6.60 -5.06 | 68.48 4.76 0.00 | 62.52 4.65 0.00 | 38.06 2.97 0.00 | 50.77 4.29 -0.79 | 49.40 3.92 -4.29 | 47.59 4.03 0.00 | 63.36 5.23 0.00 | 77.87 5.99 0.00 | 80.97 4.36 -27.81 | 110.60 8.36 -7.03 | 178.38 12.30 -31.06 | 152.67 10.93 -24.06 | 136.27 7.09 -55.18 | 121.84 9.86 -5.69 | 101.49 8.24 0.00 | 102.10 8.27 0.00 | 116.68 9.26 0.00 |
| GLENWOOD_IC_3_G1 23689 | 84.89 5.25 0.00 | 77.85 4.79 -2.63 | 74.41 4.75 0.00 | 75.62 4.93 0.00 | 68.14 4.37 0.00 | 65.59 4.09 -0.93 | 106.37 6.60 -5.06 | 68.48 4.76 0.00 | 62.52 4.65 0.00 | 38.06 2.97 0.00 | 50.77 4.29 -0.79 | 49.40 3.92 -4.29 | 47.59 4.03 0.00 | 63.36 5.23 0.00 | 77.87 5.99 0.00 | 80.97 4.36 -27.81 | 110.60 8.36 -7.03 | 178.38 12.30 -31.06 | 152.67 10.93 -24.06 | 136.27 7.09 -55.18 | 121.84 9.86 -5.69 | 101.49 8.24 0.00 | 102.10 8.27 0.00 | 116.68 9.26 0.00 |
| GLENWOOD___4 23550 | 85.36 5.72 0.00 | 78.30 5.23 -2.63 | 74.83 5.18 0.00 | 76.04 5.34 0.00 | 68.51 4.75 0.00 | 65.98 4.49 -0.93 | 106.93 7.16 -5.06 | 68.74 5.02 0.00 | 62.77 4.90 0.00 | 38.26 3.17 0.00 | 51.05 4.57 -0.79 | 49.65 4.17 -4.29 | 47.85 4.28 0.00 | 63.68 5.56 0.00 | 78.09 6.21 0.00 | 81.09 4.48 -27.81 | 110.82 8.59 -7.03 | 178.67 12.59 -31.06 | 153.01 11.28 -24.06 | 136.47 7.29 -55.18 | 122.15 10.17 -5.69 | 101.76 8.50 0.00 | 102.36 8.53 0.00 | 116.96 9.55 0.00 |
| GLENWOOD___5 23614 | 85.36 5.72 0.00 | 78.30 5.23 -2.63 | 74.83 5.18 0.00 | 76.04 5.34 0.00 | 68.51 4.75 0.00 | 65.98 4.49 -0.93 | 106.93 7.16 -5.06 | 68.74 5.02 0.00 | 62.77 4.90 0.00 | 38.26 3.17 0.00 | 51.05 4.57 -0.79 | 49.65 4.17 -4.29 | 47.85 4.28 0.00 | 63.68 5.56 0.00 | 78.09 6.21 0.00 | 81.09 4.48 -27.81 | 110.82 8.59 -7.03 | 178.67 12.59 -31.06 | 153.01 11.28 -24.06 | 136.47 7.29 -55.18 | 122.15 10.17 -5.69 | 101.76 8.50 0.00 | 102.36 8.53 0.00 | 116.96 9.55 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 87.65 8.00 0.00 | 80.14 7.07 -2.63 | 76.59 6.93 0.00 | 77.93 7.24 0.00 | 70.01 6.24 0.00 | 67.59 6.09 -0.93 | 109.57 9.79 -5.06 | 70.70 6.98 0.00 | 64.53 6.66 0.00 | 39.15 4.05 0.00 | 51.94 5.45 -0.79 | 50.47 4.98 -4.29 | 48.59 5.03 0.00 | 64.71 6.58 0.00 | 80.02 8.14 0.00 | 82.78 6.16 -27.81 | 114.25 12.01 -7.03 | 180.27 14.19 -31.06 | 157.08 15.34 -24.06 | 139.29 10.10 -55.18 | 126.48 14.49 -5.69 | 105.06 11.80 0.00 | 105.76 11.93 0.00 | 120.13 12.71 0.00 |
| GLOBE___DSASP 323697 | 50.18 -10.43 19.04 | 43.73 -9.22 17.48 | 43.09 -9.16 17.40 | 43.48 -9.53 17.69 | 39.31 -8.73 15.72 | 39.36 -7.76 13.44 | 63.86 -12.16 18.70 | 36.81 -10.06 16.86 | 32.60 -9.04 16.22 | 18.22 -4.88 11.99 | 25.17 -6.69 13.84 | 20.52 -6.03 14.66 | 25.62 -6.32 11.62 | 34.06 -8.28 15.79 | 44.77 -10.44 16.67 | 29.92 -7.40 11.47 | 59.97 -14.95 20.28 | 90.74 -21.27 23.01 | 77.03 -18.67 21.98 | 49.06 -11.90 13.05 | 67.07 -17.28 21.94 | 57.57 -14.66 21.02 | 61.48 -12.52 19.83 | 69.81 -15.35 22.26 |
| GOETHSLN___LBMP 323567 | 83.78 4.13 0.00 | 74.15 3.71 0.00 | 73.37 3.72 0.00 | 74.69 3.99 0.00 | 67.26 3.49 0.00 | 63.82 3.26 0.00 | 100.05 5.33 0.00 | 67.77 4.05 0.00 | 61.87 4.00 0.00 | 37.69 2.60 0.00 | 50.36 3.87 -0.79 | 49.06 3.56 -4.30 | 47.28 3.72 0.00 | 62.87 4.74 0.00 | 77.28 5.40 0.00 | 80.49 3.89 -27.81 | 109.86 7.63 -7.03 | 177.43 11.36 -31.05 | 151.66 9.93 -24.06 | 135.63 6.46 -55.16 | 120.75 8.77 -5.69 | 100.57 7.31 0.00 | 101.11 7.28 0.00 | 115.70 8.28 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 74.72 -4.97 -0.04 | 65.99 -4.45 0.00 | 65.23 -4.47 -0.05 | 66.09 -4.66 -0.06 | 59.53 -4.28 -0.05 | 56.84 -3.74 -0.02 | 89.08 -5.70 -0.06 | 59.03 -4.70 -0.02 | 53.86 -4.02 -0.01 | 31.92 -2.11 1.06 | 36.32 -2.99 6.39 | 30.98 -2.68 7.54 | 39.79 -2.83 0.93 | 48.12 -3.48 6.53 | 62.52 -4.42 4.95 | 40.60 -3.07 5.13 | 84.23 -6.26 4.71 | 126.22 -8.58 0.22 | 106.78 -7.60 3.31 | 69.08 -4.93 0.00 | 96.50 -7.35 2.44 | 82.31 -6.36 4.59 | 88.30 -5.58 -0.05 | 100.21 -7.28 -0.07 |

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| GOODYEAR_LAKE_HYD 323669 | 81.87 2.23 0.00 | 72.43 2.00 0.00 | 71.75 2.10 0.00 | 72.81 2.12 0.00 | 65.64 1.88 0.00 | 62.26 1.71 0.00 | 97.73 3.01 0.00 | 65.84 2.12 0.00 | 60.01 2.15 0.00 | 36.90 1.44 -0.36 | 50.03 1.89 -2.44 | 45.85 1.78 -2.87 | 45.71 1.83 -0.32 | 62.78 2.43 -2.23 | 76.35 2.79 -1.68 | 62.68 1.94 -11.94 | 111.22 3.65 -12.37 | 189.17 5.27 -48.88 | 153.98 4.66 -31.65 | 120.09 3.05 -43.03 | 119.24 4.24 -8.71 | 98.27 3.45 -1.56 | 97.20 3.37 0.00 | 111.03 3.61 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 78.44 -1.21 0.00 | 69.43 -1.01 0.00 | 68.68 -0.97 0.00 | 69.76 -0.94 0.00 | 62.85 -0.92 0.00 | 59.49 -1.06 0.00 | 93.41 -1.30 0.00 | 62.56 -1.16 0.00 | 57.15 -0.72 0.00 | 35.79 -0.22 -0.92 | 51.16 -0.37 -5.84 | 47.81 -0.25 -6.86 | 43.96 -0.41 -0.81 | 63.37 -0.40 -5.65 | 75.39 -0.76 -4.27 | 65.16 -0.44 -16.80 | 100.85 -1.08 -6.73 | 144.21 -1.41 -10.60 | 126.96 -1.05 -10.34 | 92.98 -0.55 -19.52 | 109.31 -1.08 -4.10 | 96.12 -1.10 -3.96 | 92.85 -0.98 0.00 | 106.09 -1.32 0.00 |
| GOUDEY___7 23579 | 78.44 -1.21 0.00 | 69.43 -1.01 0.00 | 68.68 -0.97 0.00 | 69.76 -0.94 0.00 | 62.85 -0.92 0.00 | 59.49 -1.06 0.00 | 93.41 -1.30 0.00 | 62.56 -1.16 0.00 | 57.15 -0.72 0.00 | 35.79 -0.22 -0.92 | 51.16 -0.37 -5.84 | 47.81 -0.25 -6.86 | 43.96 -0.41 -0.81 | 63.37 -0.40 -5.65 | 75.39 -0.76 -4.27 | 65.16 -0.44 -16.80 | 100.85 -1.08 -6.73 | 144.21 -1.41 -10.60 | 126.96 -1.05 -10.34 | 92.98 -0.55 -19.52 | 109.31 -1.08 -4.10 | 96.12 -1.10 -3.96 | 92.85 -0.98 0.00 | 106.09 -1.32 0.00 |
| GOUDEY___8 23580 | 78.44 -1.21 0.00 | 69.43 -1.01 0.00 | 68.68 -0.97 0.00 | 69.76 -0.94 0.00 | 62.85 -0.92 0.00 | 59.49 -1.06 0.00 | 93.41 -1.30 0.00 | 62.56 -1.16 0.00 | 57.15 -0.72 0.00 | 35.79 -0.22 -0.92 | 51.16 -0.37 -5.84 | 47.81 -0.25 -6.86 | 43.96 -0.41 -0.81 | 63.37 -0.40 -5.65 | 75.39 -0.76 -4.27 | 65.16 -0.44 -16.80 | 100.85 -1.08 -6.73 | 144.21 -1.41 -10.60 | 126.96 -1.05 -10.34 | 92.98 -0.55 -19.52 | 109.31 -1.08 -4.10 | 96.12 -1.10 -3.96 | 92.85 -0.98 0.00 | 106.09 -1.32 0.00 |
| GOWANUS_GT1_1 24077 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT1_2 24078 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT1_3 24079 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT1_4 24080 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT1_5 24084 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT1_6 24111 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT1_7 24112 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT1_8 24113 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT2_1 24114 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT2_2 24115 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT2_3 24116 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |

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|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|--------------------------|----------------------------|----------------------------|---------------------------|---------------------------|--------------------------|--------------------------|------------------------|
| GOWANUS_GT2_4 24117 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT2_5 24118 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT2_6 24119 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT2_7 24120 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT2_8 24121 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT3_1 24122 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT3_2 24123 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT3_3 24124 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT3_4 24125 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT3_5 24126 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT3_6 24127 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT3_7 24128 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT3_8 24129 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| GOWANUS_GT4_1 24130 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT4_2 24131 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |

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|---|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| GOWANUS_GT4_3 24132 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT4_4 24133 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT4_5 24134 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT4_6 24135 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT4_7 24136 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GOWANUS_GT4_8 24137 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GREENBSH_115KV_TB3 55895 | 82.39 2.75 0.00 | 73.10 2.66 0.00 | 72.40 2.75 0.00 | 73.54 2.85 0.00 | 66.48 2.71 0.00 | 63.02 2.46 0.00 | 98.23 3.51 0.00 | 66.09 2.37 0.00 | 60.08 2.22 0.00 | 36.43 1.33 0.00 | 48.66 1.98 -0.98 | 42.60 1.61 0.20 | 45.19 1.63 0.00 | 60.38 2.25 0.00 | 74.51 2.63 0.00 | 87.23 2.05 -36.38 | 118.18 3.91 -19.06 | 225.64 5.62 -85.01 | 175.09 4.86 -52.54 | 165.79 3.18 -88.60 | 124.58 4.45 -13.83 | 97.09 3.83 0.00 | 97.66 3.83 0.00 | 112.12 4.71 0.00 |
| GREENDGE_115KV_TB5 80291 | 115.37 -4.19 -39.92 | 103.26 -3.84 -36.66 | 102.32 -3.83 -36.49 | 103.94 -3.84 -37.09 | 93.27 -3.47 -32.97 | 85.48 -3.26 -28.18 | 129.01 -4.92 -39.21 | 95.76 -3.31 -35.35 | 89.47 -2.42 -34.02 | 54.02 -1.28 -20.21 | 43.43 -1.76 0.50 | 35.74 -1.37 4.08 | 61.71 -1.90 -20.06 | 58.79 -2.20 -2.86 | 80.89 -3.08 -12.10 | 46.00 -1.64 1.16 | 115.82 -4.06 -24.68 | 187.66 -6.22 -58.86 | 152.30 -5.32 -39.95 | 108.71 -3.15 -37.85 | 138.70 -5.25 -37.65 | 111.61 -4.55 -22.90 | 130.86 -4.56 -41.59 | 148.36 -5.73 -46.67 |
| GREENIDGE___3 23582 | 115.37 -4.19 -39.92 | 103.26 -3.84 -36.66 | 102.32 -3.83 -36.49 | 103.94 -3.84 -37.09 | 93.27 -3.47 -32.97 | 85.48 -3.26 -28.18 | 129.01 -4.92 -39.21 | 95.76 -3.31 -35.35 | 89.47 -2.42 -34.02 | 54.02 -1.28 -20.21 | 43.43 -1.76 0.50 | 35.74 -1.37 4.08 | 61.71 -1.90 -20.06 | 58.79 -2.20 -2.86 | 80.89 -3.08 -12.10 | 46.00 -1.64 1.16 | 115.82 -4.06 -24.68 | 187.66 -6.22 -58.86 | 152.30 -5.32 -39.95 | 108.71 -3.15 -37.85 | 138.70 -5.25 -37.65 | 111.61 -4.55 -22.90 | 130.86 -4.56 -41.59 | 148.36 -5.73 -46.67 |
| GREENIDGE___4 23583 | 115.39 -4.17 -39.92 | 103.28 -3.82 -36.66 | 102.33 -3.82 -36.49 | 103.95 -3.83 -37.09 | 93.26 -3.48 -32.97 | 85.47 -3.27 -28.19 | 129.02 -4.91 -39.21 | 95.76 -3.30 -35.35 | 89.48 -2.41 -34.02 | 54.03 -1.28 -20.21 | 43.42 -1.77 0.50 | 35.76 -1.35 4.08 | 61.72 -1.90 -20.06 | 58.74 -2.25 -2.86 | 81.04 -2.94 -12.10 | 46.00 -1.64 1.16 | 115.88 -4.01 -24.68 | 187.68 -6.20 -58.86 | 152.24 -5.39 -39.95 | 108.67 -3.19 -37.85 | 138.71 -5.24 -37.65 | 111.63 -4.53 -22.90 | 130.86 -4.56 -41.59 | 148.37 -5.72 -46.67 |
| GREENLWN_69_KV_BK 3 55738 | 85.85 6.20 0.00 | 78.90 5.83 -2.63 | 75.43 5.77 0.00 | 76.56 5.87 0.00 | 69.02 5.25 0.00 | 66.50 5.01 -0.93 | 107.65 7.88 -5.06 | 69.34 5.62 0.00 | 63.27 5.41 0.00 | 38.46 3.36 0.00 | 51.28 4.80 -0.79 | 49.88 4.39 -4.29 | 48.01 4.45 0.00 | 63.82 5.69 0.00 | 78.85 6.97 0.00 | 81.62 5.01 -27.81 | 111.56 9.33 -7.03 | 179.30 13.23 -31.06 | 153.96 12.22 -24.06 | 137.25 8.07 -55.18 | 123.48 11.50 -5.69 | 102.79 9.53 0.00 | 103.58 9.75 0.00 | 118.05 10.63 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |
| GRISSOM___SOLAR 323813 | 83.82 4.17 0.00 | 74.10 3.67 0.00 | 73.28 3.62 0.00 | 74.30 3.61 0.00 | 67.03 3.26 0.00 | 63.67 3.11 0.00 | 99.98 5.26 0.00 | 67.36 3.65 0.00 | 61.15 3.28 0.00 | 36.86 1.76 0.00 | 48.65 1.88 -1.08 | 42.43 1.40 0.16 | 45.24 1.68 0.00 | 60.62 2.49 0.00 | 75.73 3.85 0.00 | 91.77 2.92 -40.05 | 131.08 5.92 -29.96 | 287.78 8.66 -144.10 | 210.88 7.39 -85.81 | 204.48 4.63 -125.85 | 134.70 6.64 -21.77 | 98.81 5.55 0.00 | 99.25 5.42 0.00 | 113.25 5.84 0.00 |
| GROVEVILLE___HYD 323602 | 85.24 5.60 0.00 | 75.42 4.98 0.00 | 74.60 4.94 0.00 | 75.82 5.13 0.00 | 68.32 4.55 0.00 | 64.81 4.25 0.00 | 101.69 6.97 0.00 | 68.75 5.03 0.00 | 62.75 4.88 0.00 | 38.16 3.07 0.00 | 50.80 4.35 -0.75 | 48.18 3.87 -3.11 | 47.57 4.01 0.00 | 63.52 5.40 0.00 | 78.17 6.29 0.00 | 81.24 4.59 -27.84 | 111.52 9.11 -7.21 | 180.19 13.39 -31.78 | 153.78 11.72 -24.38 | 136.90 7.49 -55.41 | 122.46 10.37 -5.80 | 101.95 8.69 0.00 | 102.39 8.56 0.00 | 117.04 9.63 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 78.05 -1.60 0.00 | 69.05 -1.39 0.00 | 68.30 -1.36 0.00 | 69.30 -1.39 0.00 | 62.52 -1.25 0.00 | 59.28 -1.28 0.00 | 92.98 -1.74 0.00 | 62.45 -1.27 0.00 | 56.92 -0.94 0.00 | 34.69 -0.41 0.00 | 45.15 -0.63 -0.08 | 40.79 -0.49 -0.08 | 42.96 -0.61 0.00 | 57.31 -0.82 0.00 | 70.76 -1.12 0.00 | 51.12 -0.63 -2.95 | 93.81 -1.39 0.00 | 133.38 -1.80 -0.17 | 116.30 -1.55 -0.17 | 75.67 -0.99 -2.66 | 104.68 -1.62 -0.02 | 91.71 -1.55 0.00 | 92.35 -1.48 0.00 | 105.43 -1.98 0.00 |

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| HAMLTNNY_34_KV_TB 80303 | 77.97 -1.67 0.00 | 69.02 -1.41 0.00 | 68.26 -1.40 0.00 | 69.27 -1.42 0.00 | 62.48 -1.29 0.00 | 59.26 -1.30 0.00 | 92.92 -1.80 0.00 | 62.35 -1.37 0.00 | 56.90 -0.97 0.00 | 34.43 -0.40 0.26 | 43.55 -0.66 1.48 | 38.92 -0.52 1.76 | 42.69 -0.65 0.23 | 55.73 -0.81 1.58 | 69.59 -1.09 1.20 | 49.20 -0.63 -1.03 | 92.59 -1.46 1.14 | 133.32 -1.77 -0.07 | 115.47 -1.54 0.67 | 75.01 -1.04 -2.05 | 104.04 -1.68 0.58 | 90.53 -1.62 1.11 | 92.34 -1.49 0.00 | 105.40 -2.01 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 77.78 -1.86 0.00 | 68.42 -2.02 0.00 | 67.78 -1.87 0.00 | 68.64 -2.05 0.00 | 61.86 -1.90 0.00 | 58.89 -1.67 0.00 | 93.08 -1.63 0.00 | 62.58 -1.14 0.00 | 56.31 -1.56 0.00 | 33.65 -1.44 0.00 | 43.77 -1.94 -0.02 | 39.42 -1.78 0.00 | 41.54 -2.02 0.00 | 55.64 -2.49 0.00 | 68.96 -2.92 0.00 | 47.46 -2.09 -0.74 | 91.83 -3.37 0.00 | 130.31 -4.71 0.00 | 113.51 -4.17 0.00 | 71.86 -2.75 -0.60 | 102.31 -3.98 0.00 | 90.72 -2.54 0.00 | 90.45 -3.38 0.00 | 103.02 -4.40 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 79.73 0.08 0.00 | 70.85 0.42 0.00 | 70.15 0.49 0.00 | 71.20 0.51 0.00 | 64.25 0.48 0.00 | 60.92 0.37 0.00 | 95.35 0.63 0.00 | 64.23 0.51 0.00 | 58.47 0.60 0.00 | 35.42 0.32 0.00 | 46.25 0.55 0.00 | 41.53 0.33 0.00 | 43.98 0.41 0.00 | 58.98 0.86 0.00 | 73.27 1.39 0.00 | 50.00 1.20 0.00 | 97.25 2.05 0.00 | 137.97 2.95 0.00 | 120.18 2.50 0.00 | 75.72 1.71 0.00 | 108.64 2.35 0.00 | 94.93 1.67 0.00 | 95.50 1.67 0.00 | 109.34 1.93 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 84.10 4.45 0.00 | 74.41 3.98 0.00 | 73.61 3.96 0.00 | 74.82 4.13 0.00 | 67.43 3.66 0.00 | 63.92 3.37 0.00 | 100.38 5.66 0.00 | 67.88 4.16 0.00 | 61.92 4.05 0.00 | 37.66 2.57 0.00 | 49.99 3.63 -0.66 | 46.05 3.29 -1.56 | 46.96 3.40 0.00 | 62.56 4.43 0.00 | 77.01 5.14 0.00 | 78.66 3.76 -26.10 | 109.28 7.45 -6.62 | 175.04 11.04 -28.98 | 149.71 9.66 -22.37 | 131.63 6.21 -51.41 | 120.19 8.57 -5.33 | 100.39 7.13 0.00 | 100.92 7.09 0.00 | 115.44 8.03 0.00 |
| HARSNRAD_115KV_TB1 81005 | 51.80 -9.03 18.81 | 44.92 -7.98 17.53 | 44.50 -8.02 17.14 | 44.99 -8.35 17.35 | 40.67 -7.67 15.43 | 40.44 -6.76 13.36 | 65.79 -10.55 18.38 | 38.31 -8.60 16.80 | 33.98 -7.66 16.23 | 18.82 -4.22 12.05 | 25.46 -5.91 14.33 | 20.63 -5.34 15.22 | 26.24 -5.60 11.72 | 35.00 -6.98 16.15 | 46.13 -8.74 17.00 | 30.48 -6.14 12.17 | 61.96 -12.63 20.61 | 94.04 -17.88 23.10 | 79.76 -15.69 22.24 | 50.59 -10.05 13.37 | 69.56 -14.54 22.20 | 59.44 -12.46 21.37 | 63.25 -11.06 19.52 | 71.65 -13.92 21.84 |
| HARZA MOOSE___RIVER 24016 | 80.22 0.57 0.00 | 70.72 0.28 0.00 | 70.24 0.58 0.00 | 71.22 0.53 0.00 | 64.14 0.38 0.00 | 60.89 0.33 0.00 | 96.36 1.64 0.00 | 64.74 1.02 0.00 | 58.44 0.57 0.00 | 35.11 0.01 0.00 | 45.75 0.03 -0.03 | 41.18 -0.02 0.00 | 43.39 -0.17 0.00 | 57.98 -0.14 0.00 | 71.69 -0.19 0.00 | 49.59 -0.15 -0.94 | 95.27 0.07 0.00 | 135.00 -0.02 0.00 | 117.62 -0.06 0.00 | 74.66 -0.11 -0.76 | 106.01 -0.29 0.00 | 94.00 0.74 0.00 | 93.68 -0.15 0.00 | 106.54 -0.88 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 77.38 -2.27 0.00 | 68.46 -1.97 0.00 | 67.74 -1.92 0.00 | 68.73 -1.96 0.00 | 61.99 -1.78 0.00 | 58.81 -1.75 0.00 | 92.20 -2.52 0.00 | 61.93 -1.79 0.00 | 56.41 -1.46 0.00 | 34.38 -0.72 0.00 | 44.76 -1.00 -0.07 | 40.38 -0.82 0.00 | 42.60 -0.96 0.00 | 56.83 -1.29 0.00 | 70.15 -1.73 0.00 | 50.40 -1.07 -2.66 | 93.01 -2.19 0.00 | 131.97 -3.05 0.00 | 115.04 -2.64 0.00 | 74.56 -1.61 -2.16 | 103.75 -2.54 0.00 | 90.95 -2.30 0.00 | 91.57 -2.26 0.00 | 104.55 -2.86 0.00 |
| HELLGATE_13_KV_LD 55870 | 84.59 4.94 0.00 | 74.87 4.44 0.00 | 74.08 4.42 0.00 | 75.26 4.57 0.00 | 67.76 3.99 0.00 | 64.28 3.72 0.00 | 100.82 6.10 0.00 | 68.29 4.57 0.00 | 62.36 4.50 0.00 | 38.01 2.91 0.00 | 50.86 4.37 -0.79 | 49.50 4.00 -4.30 | 47.72 4.15 -0.01 | 63.41 5.28 0.00 | 77.87 5.99 0.00 | 80.93 4.32 -27.81 | 110.75 8.52 -7.03 | 178.50 12.43 -31.05 | 152.63 10.90 -24.06 | 136.27 7.09 -55.16 | 121.67 9.69 -5.69 | 101.38 8.12 0.00 | 101.85 8.02 0.00 | 116.55 9.13 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 84.59 4.94 0.00 | 74.87 4.44 0.00 | 74.08 4.42 0.00 | 75.26 4.57 0.00 | 67.76 3.99 0.00 | 64.28 3.72 0.00 | 100.82 6.10 0.00 | 68.29 4.57 0.00 | 62.36 4.50 0.00 | 38.01 2.91 0.00 | 50.86 4.37 -0.79 | 49.50 4.00 -4.30 | 47.72 4.15 -0.01 | 63.41 5.28 0.00 | 77.87 5.99 0.00 | 80.93 4.32 -27.81 | 110.75 8.52 -7.03 | 178.50 12.43 -31.05 | 152.63 10.90 -24.06 | 136.27 7.09 -55.16 | 121.67 9.69 -5.69 | 101.38 8.12 0.00 | 101.85 8.02 0.00 | 116.55 9.13 0.00 |
| HEMPSTEAD____ 23647 | 85.35 5.70 0.00 | 78.36 5.29 -2.63 | 74.95 5.29 0.00 | 76.10 5.40 0.00 | 68.62 4.86 0.00 | 66.07 4.57 -0.93 | 106.92 7.15 -5.06 | 68.80 5.09 0.00 | 62.84 4.97 0.00 | 38.26 3.17 0.00 | 51.02 4.53 -0.79 | 49.63 4.15 -4.29 | 47.81 4.25 0.00 | 63.62 5.50 0.00 | 78.24 6.37 0.00 | 81.21 4.60 -27.81 | 110.87 8.63 -7.03 | 178.71 12.63 -31.06 | 153.21 11.47 -24.06 | 136.62 7.43 -55.18 | 122.43 10.45 -5.69 | 101.98 8.72 0.00 | 102.65 8.82 0.00 | 117.15 9.73 0.00 |
| HEWLETT_69_KV_BK3 55828 | 86.26 6.61 0.00 | 79.13 6.06 -2.63 | 75.65 5.99 0.00 | 76.81 6.11 0.00 | 69.24 5.47 0.00 | 66.69 5.20 -0.93 | 108.00 8.23 -5.06 | 69.53 5.81 0.00 | 63.33 5.47 0.00 | 38.59 3.50 0.00 | 51.53 5.05 -0.79 | 50.10 4.61 -4.29 | 48.29 4.72 0.00 | 64.29 6.17 0.00 | 79.20 7.32 0.00 | 81.83 5.21 -27.81 | 111.91 9.68 -7.03 | 180.11 14.04 -31.06 | 154.49 12.75 -24.06 | 137.46 8.28 -55.18 | 123.65 11.67 -5.69 | 103.08 9.83 0.00 | 103.87 10.04 0.00 | 118.50 11.08 0.00 |
| HICKLING___1 23621 | 90.52 -3.46 -14.33 | 80.40 -3.19 -13.16 | 79.56 -3.19 -13.10 | 80.87 -3.14 -13.32 | 72.63 -2.98 -11.84 | 67.48 -3.20 -10.12 | 104.52 -4.28 -14.08 | 73.15 -3.26 -12.69 | 67.69 -2.40 -12.22 | 38.28 -1.22 -4.41 | 26.52 -1.84 17.34 | 18.01 -1.50 21.69 | 46.35 -1.91 -4.71 | 39.54 -2.14 16.45 | 59.97 -3.03 8.87 | 28.44 -1.91 18.45 | 88.89 -4.01 2.30 | 154.79 -5.69 -25.46 | 121.88 -4.68 -8.88 | 85.33 -2.78 -14.11 | 109.83 -4.51 -8.05 | 85.08 -4.16 4.02 | 104.86 -3.90 -14.93 | 119.45 -4.72 -16.76 |
| HICKLING___2 23622 | 90.52 -3.46 -14.33 | 80.40 -3.19 -13.16 | 79.56 -3.19 -13.10 | 80.87 -3.14 -13.32 | 72.63 -2.98 -11.84 | 67.48 -3.20 -10.12 | 104.52 -4.28 -14.08 | 73.15 -3.26 -12.69 | 67.69 -2.40 -12.22 | 38.28 -1.22 -4.41 | 26.52 -1.84 17.34 | 18.01 -1.50 21.69 | 46.35 -1.91 -4.71 | 39.54 -2.14 16.45 | 59.97 -3.03 8.87 | 28.44 -1.91 18.45 | 88.89 -4.01 2.30 | 154.79 -5.69 -25.46 | 121.88 -4.68 -8.88 | 85.33 -2.78 -14.11 | 109.83 -4.51 -8.05 | 85.08 -4.16 4.02 | 104.86 -3.90 -14.93 | 119.45 -4.72 -16.76 |
| HIGH FALLS___HY 23754 | 86.54 6.89 0.00 | 76.44 6.01 0.00 | 75.55 5.89 0.00 | 76.78 6.09 0.00 | 69.18 5.41 0.00 | 65.61 5.05 0.00 | 103.22 8.50 0.00 | 69.92 6.20 0.00 | 63.89 6.02 0.00 | 38.88 3.78 0.00 | 51.68 5.24 -0.75 | 47.97 4.61 -2.16 | 48.23 4.67 0.00 | 64.70 6.57 0.00 | 79.51 7.63 0.00 | 82.24 5.64 -27.80 | 114.94 11.36 -8.38 | 188.60 16.98 -36.60 | 158.94 14.84 -26.42 | 140.00 9.42 -56.57 | 125.72 12.91 -6.52 | 104.04 10.78 0.00 | 104.37 10.54 0.00 | 119.06 11.65 0.00 |
| HIGH_RIVER___SOLAR 323847 | 82.68 3.03 0.00 | 73.19 2.75 0.00 | 72.45 2.80 0.00 | 73.51 2.82 0.00 | 66.32 2.55 0.00 | 62.93 2.37 0.00 | 98.58 3.86 0.00 | 66.34 2.63 0.00 | 60.28 2.41 0.00 | 36.42 1.33 0.00 | 48.32 1.57 -1.05 | 42.11 1.11 0.20 | 44.97 1.41 0.00 | 60.00 1.88 0.00 | 74.76 2.89 0.00 | 89.78 2.21 -38.77 | 131.18 4.46 -31.51 | 293.31 6.47 -151.82 | 213.56 5.58 -90.30 | 207.13 3.56 -129.56 | 134.23 5.05 -22.89 | 97.51 4.25 0.00 | 98.00 4.17 0.00 | 112.06 4.65 0.00 |

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| HILLBURN___GT 23639 | 83.80 4.15 0.00 | 74.17 3.73 0.00 | 73.36 3.70 0.00 | 74.58 3.89 0.00 | 67.20 3.43 0.00 | 63.72 3.16 0.00 | 100.11 5.39 0.00 | 67.72 4.00 0.00 | 61.81 3.94 0.00 | 37.60 2.51 0.00 | 49.94 3.58 -0.66 | 45.84 3.22 -1.43 | 46.88 3.32 0.00 | 62.45 4.33 0.00 | 76.76 4.88 0.00 | 78.87 3.60 -26.46 | 109.04 7.13 -6.71 | 175.05 10.61 -29.41 | 149.69 9.28 -22.72 | 132.19 5.98 -52.20 | 119.94 8.24 -5.40 | 100.11 6.85 0.00 | 100.67 6.84 0.00 | 115.19 7.77 0.00 |
| HILLSIDE_115KV_TB1 80332 | 88.70 -3.68 -12.73 | 78.88 -3.25 -11.69 | 78.05 -3.24 -11.64 | 79.32 -3.20 -11.83 | 71.25 -3.03 -10.52 | 66.30 -3.24 -8.99 | 102.86 -4.37 -12.50 | 71.58 -3.41 -11.27 | 66.14 -2.58 -10.85 | 41.23 -1.29 -7.43 | 49.76 -1.89 -5.95 | 45.51 -1.57 -5.88 | 48.88 -1.94 -7.25 | 62.88 -2.17 -6.93 | 77.20 -3.08 -8.41 | 60.16 -2.03 -13.39 | 104.72 -4.27 -13.79 | 154.24 -5.97 -25.19 | 133.12 -4.86 -20.30 | 96.25 -2.93 -25.17 | 117.07 -4.66 -15.44 | 100.51 -4.26 -11.52 | 102.98 -4.11 -13.26 | 117.45 -4.85 -14.88 |
| HISHELDN_WT_PWR 323625 | 3.93 -8.49 67.23 | 1.01 -7.63 61.80 | 0.58 -7.62 61.45 | 0.45 -7.80 62.44 | 1.06 -7.20 55.51 | 6.26 -6.81 47.49 | 18.31 -10.39 66.03 | -3.52 -7.68 59.56 | -6.10 -6.63 57.34 | -9.39 -3.62 40.87 | 0.35 -4.68 40.07 | -4.84 -5.11 41.36 | -1.32 -6.45 39.76 | 5.12 -8.00 46.56 | 11.94 -5.57 51.94 | 4.43 -11.25 38.80 | 16.22 -16.11 67.74 | 30.64 -14.30 88.27 | 24.04 -14.30 79.34 | 6.17 -8.86 58.98 | 17.21 -12.95 76.13 | 14.38 -11.04 67.84 | 13.89 -9.91 70.03 | 16.62 -12.22 78.58 |
| HOLTSVILLE_IC_1 23690 | 86.84 7.20 0.00 | 79.77 6.70 -2.63 | 76.26 6.61 0.00 | 77.42 6.73 0.00 | 69.79 6.02 0.00 | 67.25 5.76 -0.93 | 108.91 9.14 -5.06 | 70.19 6.47 0.00 | 64.06 6.20 0.00 | 38.93 3.84 0.00 | 51.77 5.29 -0.79 | 50.34 4.86 -4.29 | 48.49 4.93 0.00 | 64.44 6.32 0.00 | 79.66 7.78 0.00 | 82.28 5.67 -27.81 | 112.90 10.66 -7.03 | 181.34 15.27 -31.06 | 155.76 14.02 -24.06 | 138.24 9.06 -55.18 | 124.90 12.91 -5.69 | 103.95 10.70 0.00 | 104.83 11.00 0.00 | 119.37 11.96 0.00 |
| HOLTSVILLE_IC_10 23699 | 87.34 7.69 0.00 | 80.19 7.12 -2.63 | 76.66 7.00 0.00 | 77.80 7.11 0.00 | 70.14 6.38 0.00 | 67.61 6.12 -0.93 | 109.51 9.74 -5.06 | 70.59 6.87 0.00 | 64.44 6.57 0.00 | 39.16 4.06 0.00 | 52.05 5.57 -0.79 | 50.61 5.12 -4.29 | 48.74 5.17 0.00 | 64.79 6.67 0.00 | 80.13 8.25 0.00 | 82.65 6.03 -27.81 | 113.65 11.41 -7.03 | 182.49 16.41 -31.06 | 156.72 14.98 -24.06 | 138.84 9.65 -55.18 | 125.74 13.76 -5.69 | 104.65 11.39 0.00 | 105.49 11.66 0.00 | 120.03 12.62 0.00 |
| HOLTSVILLE_IC_2 23691 | 86.84 7.20 0.00 | 79.77 6.70 -2.63 | 76.26 6.61 0.00 | 77.42 6.73 0.00 | 69.79 6.02 0.00 | 67.25 5.76 -0.93 | 108.91 9.14 -5.06 | 70.19 6.47 0.00 | 64.06 6.20 0.00 | 38.93 3.84 0.00 | 51.77 5.29 -0.79 | 50.34 4.86 -4.29 | 48.49 4.93 0.00 | 64.44 6.32 0.00 | 79.66 7.78 0.00 | 82.28 5.67 -27.81 | 112.90 10.66 -7.03 | 181.34 15.27 -31.06 | 155.76 14.02 -24.06 | 138.24 9.06 -55.18 | 124.90 12.91 -5.69 | 103.95 10.70 0.00 | 104.83 11.00 0.00 | 119.37 11.96 0.00 |
| HOLTSVILLE_IC_3 23692 | 86.84 7.20 0.00 | 79.77 6.70 -2.63 | 76.26 6.61 0.00 | 77.42 6.73 0.00 | 69.79 6.02 0.00 | 67.25 5.76 -0.93 | 108.91 9.14 -5.06 | 70.19 6.47 0.00 | 64.06 6.20 0.00 | 38.93 3.84 0.00 | 51.77 5.29 -0.79 | 50.34 4.86 -4.29 | 48.49 4.93 0.00 | 64.44 6.32 0.00 | 79.66 7.78 0.00 | 82.28 5.67 -27.81 | 112.90 10.66 -7.03 | 181.34 15.27 -31.06 | 155.76 14.02 -24.06 | 138.24 9.06 -55.18 | 124.90 12.91 -5.69 | 103.95 10.70 0.00 | 104.83 11.00 0.00 | 119.37 11.96 0.00 |
| HOLTSVILLE_IC_4 23693 | 86.84 7.20 0.00 | 79.77 6.70 -2.63 | 76.26 6.61 0.00 | 77.42 6.73 0.00 | 69.79 6.02 0.00 | 67.25 5.76 -0.93 | 108.91 9.14 -5.06 | 70.19 6.47 0.00 | 64.06 6.20 0.00 | 38.93 3.84 0.00 | 51.77 5.29 -0.79 | 50.34 4.86 -4.29 | 48.49 4.93 0.00 | 64.44 6.32 0.00 | 79.66 7.78 0.00 | 82.28 5.67 -27.81 | 112.90 10.66 -7.03 | 181.34 15.27 -31.06 | 155.76 14.02 -24.06 | 138.24 9.06 -55.18 | 124.90 12.91 -5.69 | 103.95 10.70 0.00 | 104.83 11.00 0.00 | 119.37 11.96 0.00 |
| HOLTSVILLE_IC_5 23694 | 86.84 7.20 0.00 | 79.77 6.70 -2.63 | 76.26 6.61 0.00 | 77.42 6.73 0.00 | 69.79 6.02 0.00 | 67.25 5.76 -0.93 | 108.91 9.14 -5.06 | 70.19 6.47 0.00 | 64.06 6.20 0.00 | 38.93 3.84 0.00 | 51.77 5.29 -0.79 | 50.34 4.86 -4.29 | 48.49 4.93 0.00 | 64.44 6.32 0.00 | 79.66 7.78 0.00 | 82.28 5.67 -27.81 | 112.90 10.66 -7.03 | 181.34 15.27 -31.06 | 155.76 14.02 -24.06 | 138.24 9.06 -55.18 | 124.90 12.91 -5.69 | 103.95 10.70 0.00 | 104.83 11.00 0.00 | 119.37 11.96 0.00 |
| HOLTSVILLE_IC_6 23695 | 87.34 7.69 0.00 | 80.19 7.12 -2.63 | 76.66 7.00 0.00 | 77.80 7.11 0.00 | 70.14 6.38 0.00 | 67.61 6.12 -0.93 | 109.51 9.74 -5.06 | 70.59 6.87 0.00 | 64.44 6.57 0.00 | 39.16 4.06 0.00 | 52.05 5.57 -0.79 | 50.61 5.12 -4.29 | 48.74 5.17 0.00 | 64.79 6.67 0.00 | 80.13 8.25 0.00 | 82.65 6.03 -27.81 | 113.65 11.41 -7.03 | 182.49 16.41 -31.06 | 156.72 14.98 -24.06 | 138.84 9.65 -55.18 | 125.74 13.76 -5.69 | 104.65 11.39 0.00 | 105.49 11.66 0.00 | 120.03 12.62 0.00 |
| HOLTSVILLE_IC_7 23696 | 87.34 7.69 0.00 | 80.19 7.12 -2.63 | 76.66 7.00 0.00 | 77.80 7.11 0.00 | 70.14 6.38 0.00 | 67.61 6.12 -0.93 | 109.51 9.74 -5.06 | 70.59 6.87 0.00 | 64.44 6.57 0.00 | 39.16 4.06 0.00 | 52.05 5.57 -0.79 | 50.61 5.12 -4.29 | 48.74 5.17 0.00 | 64.79 6.67 0.00 | 80.13 8.25 0.00 | 82.65 6.03 -27.81 | 113.65 11.41 -7.03 | 182.49 16.41 -31.06 | 156.72 14.98 -24.06 | 138.84 9.65 -55.18 | 125.74 13.76 -5.69 | 104.65 11.39 0.00 | 105.49 11.66 0.00 | 120.03 12.62 0.00 |
| HOLTSVILLE_IC_8 23697 | 87.34 7.69 0.00 | 80.19 7.12 -2.63 | 76.66 7.00 0.00 | 77.80 7.11 0.00 | 70.14 6.38 0.00 | 67.61 6.12 -0.93 | 109.51 9.74 -5.06 | 70.59 6.87 0.00 | 64.44 6.57 0.00 | 39.16 4.06 0.00 | 52.05 5.57 -0.79 | 50.61 5.12 -4.29 | 48.74 5.17 0.00 | 64.79 6.67 0.00 | 80.13 8.25 0.00 | 82.65 6.03 -27.81 | 113.65 11.41 -7.03 | 182.49 16.41 -31.06 | 156.72 14.98 -24.06 | 138.84 9.65 -55.18 | 125.74 13.76 -5.69 | 104.65 11.39 0.00 | 105.49 11.66 0.00 | 120.03 12.62 0.00 |
| HOLTSVILLE_IC_9 23698 | 87.34 7.69 0.00 | 80.19 7.12 -2.63 | 76.66 7.00 0.00 | 77.80 7.11 0.00 | 70.14 6.38 0.00 | 67.61 6.12 -0.93 | 109.51 9.74 -5.06 | 70.59 6.87 0.00 | 64.44 6.57 0.00 | 39.16 4.06 0.00 | 52.05 5.57 -0.79 | 50.61 5.12 -4.29 | 48.74 5.17 0.00 | 64.79 6.67 0.00 | 80.13 8.25 0.00 | 82.65 6.03 -27.81 | 113.65 11.41 -7.03 | 182.49 16.41 -31.06 | 156.72 14.98 -24.06 | 138.84 9.65 -55.18 | 125.74 13.76 -5.69 | 104.65 11.39 0.00 | 105.49 11.66 0.00 | 120.03 12.62 0.00 |
| HOMER_HL_115KV_TB2 355744 | 70.26 -4.93 4.46 | 62.05 -4.21 4.17 | 61.21 -4.39 4.06 | 62.28 -4.31 4.10 | 56.04 -4.08 3.65 | 53.75 -3.64 3.17 | 84.37 -6.00 4.35 | 54.17 -5.56 3.99 | 49.65 -4.36 3.85 | 29.02 -2.09 3.98 | 32.89 -2.72 10.09 | 28.54 -2.24 10.41 | 37.84 -2.36 3.37 | 44.47 -2.95 10.71 | 58.58 -4.06 9.24 | 38.15 -3.03 7.62 | 79.58 -6.95 8.67 | 122.97 -9.40 2.66 | 103.46 -8.12 6.09 | 69.96 -5.04 -0.99 | 92.00 -7.33 6.97 | 76.72 -6.65 9.89 | 83.32 -5.89 4.62 | 94.85 -7.40 5.16 |
| HOWARD_WT_PWR 323690 | 151.62 -8.14 -80.12 | 136.25 -7.73 -73.55 | 135.18 -7.72 -73.24 | 137.54 -7.61 -74.46 | 123.07 -6.88 -66.18 | 110.18 -6.94 -56.56 | 163.24 -10.19 -78.71 | 127.74 -6.90 -70.92 | 120.50 -5.63 -68.26 | 72.56 -3.17 -40.64 | 40.46 -4.59 0.64 | 29.63 -4.05 7.52 | 79.26 -4.69 -40.39 | 58.57 -5.84 -6.28 | 89.20 -7.34 -24.66 | 36.85 -4.88 7.07 | 134.18 -9.47 -48.46 | 234.11 -13.50 -112.59 | 182.09 -12.05 -76.46 | 133.59 -7.18 -66.76 | 170.31 -10.63 -74.65 | 129.99 -9.58 -46.31 | 168.23 -9.07 -83.48 | 190.15 -10.96 -93.70 |

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| HQ_GEN_CEDARS 23644 | 79.88 0.24 0.00 | 70.36 -0.08 0.00 | 69.36 -0.30 0.00 | 70.27 -0.43 0.00 | 63.44 -0.33 0.00 | 60.52 -0.04 0.00 | 94.66 -0.05 0.00 | 63.67 -0.05 0.00 | 57.49 -0.38 0.00 | 34.60 -0.50 0.00 | 44.94 -0.75 0.00 | 40.52 -0.68 0.00 | 42.95 -0.62 0.00 | 57.38 -0.74 0.00 | 71.32 -0.56 0.00 | 48.17 -0.63 0.00 | 94.48 -0.72 0.00 | 134.00 -1.02 0.00 | 116.69 -0.99 0.00 | 73.21 -0.81 0.00 | 105.30 -0.99 0.00 | 92.55 -0.71 0.00 | 93.01 -0.82 0.00 | 106.65 -0.76 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 79.88 0.24 0.00 | 70.36 -0.08 0.00 | 69.36 -0.30 0.00 | 70.27 -0.42 0.00 | 63.44 -0.33 0.00 | 60.52 -0.04 0.00 | 94.66 -0.05 0.00 | 63.67 -0.05 0.00 | 57.48 -0.38 0.00 | 34.59 -0.50 0.00 | 44.94 -0.75 0.00 | 40.52 -0.68 0.00 | 42.95 -0.62 0.00 | 57.37 -0.75 0.00 | 71.31 -0.57 0.00 | 48.17 -0.63 0.00 | 94.48 -0.72 0.00 | 134.00 -1.02 0.00 | 116.69 -0.99 0.00 | 73.25 -0.76 0.00 | 105.29 -1.00 0.00 | 92.54 -0.72 0.00 | 93.00 -0.83 0.00 | 106.65 -0.77 0.00 |
| HQ_GEN_IMPORT 323601 | 79.88 0.23 0.00 | 70.45 0.01 0.00 | 69.51 -0.14 0.00 | 70.48 -0.22 0.00 | 63.63 -0.14 0.00 | 60.59 0.03 0.00 | 94.66 -0.06 0.00 | 63.72 0.00 0.00 | 57.66 -0.21 0.00 | 34.79 -0.30 0.00 | 45.19 -0.50 0.00 | 40.74 -0.46 0.00 | 43.18 -0.38 0.00 | 57.64 -0.48 0.00 | 71.52 -0.35 0.00 | 48.32 -0.48 0.00 | 94.51 -0.69 0.00 | 133.97 -1.05 0.00 | 116.72 -0.96 0.00 | 73.28 -0.73 0.00 | 105.39 -0.90 0.00 | 92.62 -0.64 0.00 | 93.15 -0.68 0.00 | 106.80 -0.61 0.00 |
| HQ_GEN_WHEEL 23651 | 79.88 0.23 0.00 | 70.45 0.01 0.00 | 69.51 -0.14 0.00 | 70.48 -0.22 0.00 | 63.63 -0.14 0.00 | 60.59 0.03 0.00 | 94.66 -0.06 0.00 | 63.72 0.00 0.00 | 57.66 -0.21 0.00 | 34.79 -0.30 0.00 | 45.19 -0.50 0.00 | 40.74 -0.46 0.00 | 43.18 -0.38 0.00 | 57.64 -0.48 0.00 | 71.52 -0.35 0.00 | 48.32 -0.48 0.00 | 94.51 -0.69 0.00 | 133.97 -1.05 0.00 | 116.72 -0.96 0.00 | 73.28 -0.73 0.00 | 105.39 -0.90 0.00 | 92.62 -0.64 0.00 | 93.15 -0.68 0.00 | 106.80 -0.61 0.00 |
| HUDSON AVE_GT_3 23810 | 84.47 4.82 0.00 | 74.74 4.31 0.00 | 73.97 4.32 0.00 | 75.21 4.52 0.00 | 67.73 3.96 0.00 | 64.26 3.70 0.00 | 100.79 6.07 0.00 | 68.23 4.51 0.00 | 62.33 4.46 0.00 | 37.97 2.87 0.00 | 50.75 4.26 -0.79 | 49.40 3.90 -4.30 | 47.62 4.06 0.00 | 63.32 5.19 0.00 | 77.80 5.92 0.00 | 80.88 4.27 -27.81 | 110.59 8.36 -7.03 | 178.41 12.34 -31.05 | 152.54 10.81 -24.06 | 136.18 7.01 -55.16 | 121.60 9.62 -5.69 | 101.29 8.03 0.00 | 101.79 7.96 0.00 | 116.45 9.04 0.00 |
| HUDSON AVE_GT_4 23540 | 84.47 4.82 0.00 | 74.74 4.31 0.00 | 73.97 4.32 0.00 | 75.21 4.52 0.00 | 67.73 3.96 0.00 | 64.26 3.70 0.00 | 100.79 6.07 0.00 | 68.23 4.51 0.00 | 62.33 4.46 0.00 | 37.97 2.87 0.00 | 50.75 4.26 -0.79 | 49.40 3.90 -4.30 | 47.62 4.06 0.00 | 63.32 5.19 0.00 | 77.80 5.92 0.00 | 80.88 4.27 -27.81 | 110.59 8.36 -7.03 | 178.41 12.34 -31.05 | 152.54 10.81 -24.06 | 136.18 7.01 -55.16 | 121.60 9.62 -5.69 | 101.29 8.03 0.00 | 101.79 7.96 0.00 | 116.45 9.04 0.00 |
| HUDSON AVE_GT_5 23657 | 84.47 4.82 0.00 | 74.74 4.31 0.00 | 73.97 4.32 0.00 | 75.21 4.52 0.00 | 67.73 3.96 0.00 | 64.26 3.70 0.00 | 100.79 6.07 0.00 | 68.23 4.51 0.00 | 62.33 4.46 0.00 | 37.97 2.87 0.00 | 50.75 4.26 -0.79 | 49.40 3.90 -4.30 | 47.62 4.06 0.00 | 63.32 5.19 0.00 | 77.80 5.92 0.00 | 80.88 4.27 -27.81 | 110.59 8.36 -7.03 | 178.41 12.34 -31.05 | 152.54 10.81 -24.06 | 136.18 7.01 -55.16 | 121.60 9.62 -5.69 | 101.29 8.03 0.00 | 101.79 7.96 0.00 | 116.45 9.04 0.00 |
| HUDSON_AVE_10 24168 | 84.12 4.47 0.00 | 74.45 4.01 0.00 | 73.70 4.04 0.00 | 74.94 4.25 0.00 | 67.45 3.68 0.00 | 63.97 3.41 0.00 | 100.36 5.64 0.00 | 67.96 4.24 0.00 | 62.06 4.19 0.00 | 37.81 2.72 0.00 | 50.57 4.08 -0.79 | 49.23 3.73 -4.30 | 47.45 3.88 0.00 | 63.06 4.93 0.00 | 77.46 5.59 0.00 | 80.62 4.02 -27.81 | 110.12 7.89 -7.03 | 177.80 11.73 -31.05 | 152.00 10.27 -24.06 | 135.83 6.67 -55.16 | 121.08 9.11 -5.69 | 100.82 7.56 0.00 | 101.32 7.49 0.00 | 115.94 8.52 0.00 |
| HUDSON___115KV_TB 4 355613 | 84.59 4.95 0.00 | 75.01 4.58 0.00 | 74.30 4.64 0.00 | 75.43 4.74 0.00 | 68.14 4.37 0.00 | 64.59 4.03 0.00 | 100.72 6.00 0.00 | 67.72 4.00 0.00 | 61.62 3.75 0.00 | 37.32 2.22 0.00 | 49.67 3.02 -0.96 | 43.78 2.51 -0.08 | 45.87 2.31 0.00 | 61.48 3.36 0.00 | 76.09 4.21 0.00 | 87.42 3.28 -35.35 | 118.38 6.57 -16.61 | 217.42 9.60 -72.80 | 171.84 8.39 -45.77 | 160.24 5.27 -80.96 | 125.85 7.47 -12.10 | 99.67 6.41 0.00 | 100.13 6.30 0.00 | 115.08 7.66 0.00 |
| HUNTER MOUNT___DRP 323613 | 85.27 5.62 0.00 | 75.63 5.19 0.00 | 74.89 5.24 0.00 | 76.04 5.35 0.00 | 68.71 4.94 0.00 | 65.14 4.58 0.00 | 101.62 6.90 0.00 | 68.36 4.64 0.00 | 62.23 4.36 0.00 | 37.65 2.56 0.00 | 50.05 3.43 -0.92 | 44.47 2.84 -0.43 | 46.25 2.69 0.00 | 61.94 3.82 0.00 | 76.74 4.86 0.00 | 86.79 3.77 -34.22 | 117.76 7.60 -14.96 | 211.25 11.07 -65.16 | 168.95 9.64 -41.63 | 156.03 6.00 -76.03 | 125.81 8.56 -10.96 | 100.62 7.37 0.00 | 101.07 7.24 0.00 | 115.93 8.52 0.00 |
| HUNTINGTON_RES_REC 323705 | 86.49 6.84 0.00 | 79.46 6.39 -2.63 | 75.96 6.30 0.00 | 77.09 6.40 0.00 | 69.50 5.74 0.00 | 66.98 5.49 -0.93 | 108.45 8.68 -5.06 | 69.90 6.17 0.00 | 63.80 5.93 0.00 | 38.77 3.67 0.00 | 51.61 5.13 -0.79 | 50.17 4.69 -4.29 | 48.30 4.74 0.00 | 64.22 6.09 0.00 | 79.38 7.50 0.00 | 82.09 5.48 -27.81 | 112.52 10.29 -7.03 | 180.81 14.73 -31.06 | 155.27 13.53 -24.06 | 138.04 8.86 -55.18 | 124.57 12.59 -5.69 | 103.67 10.41 0.00 | 104.49 10.65 0.00 | 118.99 11.57 0.00 |
| HUNTLEY___63 23557 | 50.76 -8.46 20.42 | 44.05 -7.50 18.89 | 43.48 -7.54 18.64 | 43.94 -7.84 18.91 | 39.73 -7.22 16.81 | 39.76 -6.34 14.46 | 64.83 -9.87 20.01 | 37.33 -8.23 18.16 | 33.07 -7.29 17.50 | 18.25 -3.92 12.92 | 25.32 -5.47 14.91 | 20.47 -4.94 15.78 | 25.83 -5.19 12.55 | 34.65 -6.53 16.94 | 45.68 -8.25 17.94 | 30.37 -5.84 12.59 | 61.31 -11.98 21.90 | 93.10 -16.91 25.00 | 79.00 -14.84 23.83 | 50.08 -9.47 14.46 | 68.78 -13.77 23.74 | 58.84 -11.76 22.66 | 62.50 -10.09 21.24 | 70.94 -12.67 23.80 |
| HUNTLEY___64 23558 | 50.76 -8.46 20.42 | 44.05 -7.50 18.89 | 43.48 -7.54 18.64 | 43.94 -7.84 18.91 | 39.73 -7.22 16.81 | 39.76 -6.34 14.46 | 64.83 -9.87 20.01 | 37.33 -8.23 18.16 | 33.07 -7.29 17.50 | 18.25 -3.92 12.92 | 25.32 -5.47 14.91 | 20.47 -4.94 15.78 | 25.83 -5.19 12.55 | 34.65 -6.53 16.94 | 45.68 -8.25 17.94 | 30.37 -5.84 12.59 | 61.31 -11.98 21.90 | 93.10 -16.91 25.00 | 79.00 -14.84 23.83 | 50.08 -9.47 14.46 | 68.78 -13.77 23.74 | 58.84 -11.76 22.66 | 62.50 -10.09 21.24 | 70.94 -12.67 23.80 |
| HUNTLEY___65 23559 | 50.76 -8.46 20.42 | 44.05 -7.50 18.89 | 43.48 -7.54 18.64 | 43.94 -7.84 18.91 | 39.73 -7.22 16.81 | 39.76 -6.34 14.46 | 64.83 -9.87 20.01 | 37.33 -8.23 18.16 | 33.07 -7.29 17.50 | 18.25 -3.92 12.92 | 25.32 -5.47 14.91 | 20.47 -4.94 15.78 | 25.83 -5.19 12.55 | 34.65 -6.53 16.94 | 45.68 -8.25 17.94 | 30.37 -5.84 12.59 | 61.31 -11.98 21.90 | 93.10 -16.91 25.00 | 79.00 -14.84 23.83 | 50.08 -9.47 14.46 | 68.78 -13.77 23.74 | 58.84 -11.76 22.66 | 62.50 -10.09 21.24 | 70.94 -12.67 23.80 |
| HUNTLEY___66 23560 | 50.76 -8.46 20.42 | 44.05 -7.50 18.89 | 43.48 -7.54 18.64 | 43.94 -7.84 18.91 | 39.73 -7.22 16.81 | 39.76 -6.34 14.46 | 64.83 -9.87 20.01 | 37.33 -8.23 18.16 | 33.07 -7.29 17.50 | 18.25 -3.92 12.92 | 25.32 -5.47 14.91 | 20.47 -4.94 15.78 | 25.83 -5.19 12.55 | 34.65 -6.53 16.94 | 45.68 -8.25 17.94 | 30.37 -5.84 12.59 | 61.31 -11.98 21.90 | 93.10 -16.91 25.00 | 79.00 -14.84 23.83 | 50.08 -9.47 14.46 | 68.78 -13.77 23.74 | 58.84 -11.76 22.66 | 62.50 -10.09 21.24 | 70.94 -12.67 23.80 |

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|------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| HUNTLEY___67 23561 | 46.43 -9.08 24.14 | 40.26 -8.01 22.17 | 39.55 -8.04 22.06 | 39.93 -8.33 22.43 | 36.16 -7.68 19.93 | 36.71 -6.80 17.04 | 60.40 -10.61 23.71 | 33.78 -8.57 21.37 | 29.70 -7.59 20.57 | 15.87 -4.17 15.05 | 23.29 -5.76 16.65 | 18.35 -5.18 17.67 | 23.46 -5.44 14.66 | 32.14 -6.90 19.08 | 42.79 -8.65 20.43 | 28.41 -6.07 14.32 | 57.40 -12.50 25.30 | 87.52 -17.67 29.84 | 74.24 -15.44 28.00 | 46.45 -9.81 17.75 | 64.43 -14.20 27.66 | 55.09 -12.17 26.00 | 57.96 -10.73 25.15 | 65.92 -13.28 28.22 |
| HUNTLEY___68 23562 | 46.43 -9.08 24.14 | 40.26 -8.01 22.17 | 39.55 -8.04 22.06 | 39.93 -8.33 22.43 | 36.16 -7.68 19.93 | 36.71 -6.80 17.04 | 60.40 -10.61 23.71 | 33.78 -8.57 21.37 | 29.70 -7.59 20.57 | 15.87 -4.17 15.05 | 23.29 -5.76 16.65 | 18.35 -5.18 17.67 | 23.46 -5.44 14.66 | 32.14 -6.90 19.08 | 42.79 -8.65 20.43 | 28.41 -6.07 14.32 | 57.40 -12.50 25.30 | 87.52 -17.67 29.84 | 74.24 -15.44 28.00 | 46.45 -9.81 17.75 | 64.43 -14.20 27.66 | 55.09 -12.17 26.00 | 57.96 -10.73 25.15 | 65.92 -13.28 28.22 |
| HYLAND___LFG 323620 | 165.07 -2.02 -87.44 | 148.61 -2.11 -80.28 | 147.37 -2.22 -79.94 | 149.70 -2.26 -81.26 | 133.90 -2.10 -72.23 | 120.34 -1.96 -61.73 | 178.19 -2.44 -85.91 | 139.08 -2.05 -77.42 | 131.09 -1.29 -74.51 | 78.78 -0.54 -44.22 | 42.92 -1.23 1.54 | 30.66 -1.09 9.44 | 86.05 -1.40 -43.89 | 62.58 -1.59 -6.04 | 96.37 -1.82 -26.31 | 37.21 -1.16 10.43 | 145.18 -1.86 -51.84 | 252.59 -2.13 -119.70 | 196.93 -2.11 -81.36 | 142.25 -1.33 -69.58 | 184.72 -2.42 -80.84 | 141.07 -2.17 -49.98 | 183.24 -1.70 -91.11 | 206.68 -3.00 -102.26 |
| INDECK___CORINTH 23802 | 84.26 4.62 0.00 | 75.08 4.64 0.00 | 74.30 4.65 0.00 | 75.38 4.69 0.00 | 68.07 4.30 0.00 | 64.61 4.05 0.00 | 101.40 6.68 0.00 | 68.10 4.38 0.00 | 62.11 4.24 0.00 | 37.49 2.40 0.00 | 49.95 3.24 -1.02 | 43.72 2.69 0.17 | 46.57 3.01 0.00 | 62.29 4.17 0.00 | 77.18 5.31 0.00 | 90.53 4.19 -37.55 | 134.07 8.31 -30.56 | 293.34 11.88 -146.43 | 215.41 10.37 -87.36 | 206.16 6.49 -125.66 | 137.49 9.00 -22.20 | 100.88 7.62 0.00 | 101.27 7.44 0.00 | 115.77 8.35 0.00 |
| INDECK___ILION 23567 | 80.44 0.79 0.00 | 71.32 0.88 0.00 | 70.59 0.93 0.00 | 71.68 0.98 0.00 | 64.66 0.89 0.00 | 61.32 0.77 0.00 | 95.95 1.23 0.00 | 64.58 0.86 0.00 | 58.75 0.88 0.00 | 35.62 0.53 0.00 | 46.43 0.74 0.00 | 41.75 0.55 0.00 | 44.17 0.61 0.00 | 59.05 0.92 0.00 | 73.11 1.24 0.00 | 49.87 1.07 0.00 | 97.20 2.00 0.00 | 137.86 2.84 0.00 | 120.13 2.45 0.00 | 75.64 1.63 0.00 | 108.55 2.26 0.00 | 95.07 1.81 0.00 | 95.60 1.77 0.00 | 109.39 1.97 0.00 |
| INDECK___OLEAN 23982 | 70.75 -4.44 4.46 | 62.31 -3.96 4.17 | 61.63 -3.97 4.06 | 62.73 -3.86 4.10 | 56.44 -3.68 3.65 | 53.95 -3.44 3.17 | 84.66 -5.71 4.35 | 54.57 -5.16 3.99 | 50.02 -4.00 3.85 | 29.23 -1.88 3.98 | 32.92 -2.69 10.09 | 28.60 -2.18 10.41 | 37.89 -2.30 3.37 | 44.56 -2.85 10.71 | 58.95 -3.69 9.24 | 38.31 -2.87 7.62 | 80.24 -6.29 8.67 | 123.28 -9.09 2.66 | 103.36 -8.23 6.09 | 69.97 -5.03 -0.99 | 92.19 -7.13 6.97 | 77.15 -6.22 9.89 | 83.88 -5.33 4.62 | 95.46 -6.80 5.16 |
| INDECK___OSWEGO 23783 | 76.57 -3.07 0.00 | 67.73 -2.71 0.00 | 67.00 -2.66 0.00 | 68.02 -2.67 0.00 | 61.34 -2.43 0.00 | 58.18 -2.38 0.00 | 91.26 -3.46 0.00 | 61.30 -2.42 0.00 | 55.77 -2.10 0.00 | 33.94 -1.15 0.00 | 44.20 -1.56 -0.06 | 39.86 -1.34 0.00 | 42.06 -1.50 0.00 | 56.08 -2.04 0.00 | 69.28 -2.60 0.00 | 49.38 -1.65 -2.23 | 91.87 -3.33 0.00 | 130.29 -4.73 0.00 | 113.58 -4.10 0.00 | 73.21 -2.60 -1.81 | 102.49 -3.80 0.00 | 89.95 -3.31 0.00 | 90.49 -3.33 0.00 | 103.31 -4.10 0.00 |
| INDECK___YERKES 23781 | 51.07 -8.15 20.42 | 44.28 -7.28 18.89 | 43.71 -7.31 18.64 | 44.18 -7.60 18.91 | 39.95 -7.00 16.81 | 39.89 -6.21 14.46 | 65.05 -9.65 20.01 | 37.58 -7.97 18.16 | 33.30 -7.07 17.50 | 18.37 -3.80 12.92 | 25.40 -5.39 14.91 | 20.59 -4.82 15.78 | 25.90 -5.11 12.55 | 34.70 -6.48 16.94 | 45.90 -8.03 17.94 | 30.50 -5.71 12.59 | 61.68 -11.62 21.90 | 93.31 -16.70 25.00 | 78.96 -14.89 23.83 | 50.09 -9.46 14.46 | 68.90 -13.65 23.74 | 59.10 -11.50 22.66 | 62.75 -9.84 21.24 | 71.17 -12.44 23.80 |
| INDIAN POINT_GT_1 24139 | 83.97 4.32 0.00 | 74.32 3.88 0.00 | 73.54 3.88 0.00 | 74.74 4.04 0.00 | 67.33 3.57 0.00 | 63.85 3.29 0.00 | 100.24 5.52 0.00 | 67.79 4.07 0.00 | 61.87 4.00 0.00 | 37.63 2.54 0.00 | 50.17 3.69 -0.79 | 48.98 3.35 -4.44 | 47.01 3.45 0.00 | 62.61 4.48 0.00 | 76.99 5.11 0.00 | 80.07 3.75 -27.52 | 109.53 7.37 -6.96 | 176.60 10.88 -30.70 | 150.98 9.53 -23.77 | 134.71 6.17 -54.54 | 120.42 8.51 -5.63 | 100.36 7.11 0.00 | 100.87 7.04 0.00 | 115.44 8.03 0.00 |
| INDIAN POINT_GT_2 23659 | 83.97 4.32 0.00 | 74.32 3.88 0.00 | 73.54 3.88 0.00 | 74.74 4.04 0.00 | 67.33 3.57 0.00 | 63.85 3.29 0.00 | 100.24 5.52 0.00 | 67.79 4.07 0.00 | 61.87 4.00 0.00 | 37.63 2.54 0.00 | 50.17 3.69 -0.79 | 48.98 3.35 -4.44 | 47.01 3.45 0.00 | 62.61 4.48 0.00 | 76.99 5.11 0.00 | 80.07 3.75 -27.52 | 109.53 7.37 -6.96 | 176.60 10.88 -30.70 | 150.98 9.53 -23.77 | 134.71 6.17 -54.54 | 120.42 8.51 -5.63 | 100.36 7.11 0.00 | 100.87 7.04 0.00 | 115.44 8.03 0.00 |
| INDIAN POINT_GT_3 24019 | 83.97 4.32 0.00 | 74.32 3.88 0.00 | 73.54 3.88 0.00 | 74.74 4.04 0.00 | 67.33 3.57 0.00 | 63.85 3.29 0.00 | 100.24 5.52 0.00 | 67.79 4.07 0.00 | 61.87 4.00 0.00 | 37.63 2.54 0.00 | 50.17 3.69 -0.79 | 48.98 3.35 -4.44 | 47.01 3.45 0.00 | 62.61 4.48 0.00 | 76.99 5.11 0.00 | 80.07 3.75 -27.52 | 109.53 7.37 -6.96 | 176.60 10.88 -30.70 | 150.98 9.53 -23.77 | 134.71 6.17 -54.54 | 120.42 8.51 -5.63 | 100.36 7.11 0.00 | 100.87 7.04 0.00 | 115.44 8.03 0.00 |
| INDIAN POINT___2 23530 | 83.80 4.15 0.00 | 74.17 3.73 0.00 | 73.38 3.73 0.00 | 74.59 3.90 0.00 | 67.21 3.44 0.00 | 63.73 3.17 0.00 | 100.06 5.34 0.00 | 67.66 3.94 0.00 | 61.75 3.88 0.00 | 37.57 2.48 0.00 | 50.08 3.59 -0.79 | 49.27 3.25 -4.82 | 46.91 3.35 0.00 | 62.46 4.33 0.00 | 76.78 4.91 0.00 | 79.54 3.60 -27.13 | 109.19 7.12 -6.87 | 175.80 10.56 -30.22 | 150.31 9.24 -23.39 | 133.66 5.97 -53.68 | 120.08 8.24 -5.54 | 100.11 6.85 0.00 | 100.67 6.84 0.00 | 115.19 7.77 0.00 |
| INDIAN POINT___3 23531 | 83.86 4.21 0.00 | 74.24 3.81 0.00 | 73.44 3.78 0.00 | 74.65 3.95 0.00 | 67.25 3.49 0.00 | 63.77 3.22 0.00 | 100.12 5.40 0.00 | 67.73 4.01 0.00 | 61.80 3.94 0.00 | 37.59 2.50 0.00 | 50.10 3.62 -0.79 | 48.94 3.27 -4.47 | 46.94 3.38 0.00 | 62.50 4.38 0.00 | 76.86 4.98 0.00 | 80.00 3.65 -27.54 | 109.36 7.19 -6.97 | 176.38 10.63 -30.72 | 150.76 9.29 -23.79 | 134.61 6.02 -54.58 | 120.22 8.29 -5.63 | 100.18 6.92 0.00 | 100.71 6.88 0.00 | 115.27 7.85 0.00 |
| INGHAM_C_115KV_TB7 356103 | 80.71 1.06 0.00 | 71.78 1.34 0.00 | 71.09 1.43 0.00 | 72.23 1.53 0.00 | 65.17 1.40 0.00 | 61.74 1.19 0.00 | 96.61 1.89 0.00 | 65.10 1.38 0.00 | 59.36 1.49 0.00 | 35.90 0.81 0.00 | 46.78 1.09 0.00 | 41.92 0.72 0.00 | 44.41 0.85 0.00 | 59.51 1.39 0.00 | 73.91 2.04 0.00 | 50.68 1.88 0.00 | 98.73 3.53 0.00 | 140.14 5.12 0.00 | 122.10 4.42 0.00 | 76.94 2.94 0.00 | 110.37 4.07 0.00 | 96.41 3.16 0.00 | 96.95 3.12 0.00 | 110.95 3.54 0.00 |
| IP CORINTH___1 23988 | 84.33 4.69 0.00 | 75.07 4.64 0.00 | 74.30 4.65 0.00 | 75.38 4.68 0.00 | 68.07 4.30 0.00 | 64.61 4.05 0.00 | 101.40 6.68 0.00 | 68.09 4.37 0.00 | 62.10 4.24 0.00 | 37.48 2.39 0.00 | 49.95 3.24 -1.02 | 43.72 2.69 0.17 | 46.57 3.01 0.00 | 62.28 4.16 0.00 | 77.17 5.30 0.00 | 90.53 4.19 -37.55 | 134.05 8.29 -30.56 | 293.33 11.87 -146.43 | 215.41 10.37 -87.36 | 206.17 6.50 -125.66 | 137.49 9.00 -22.20 | 100.88 7.62 0.00 | 101.26 7.43 0.00 | 115.76 8.34 0.00 |

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| IP___TICONDEROGA 23804 | 86.70 7.05 0.00 | 77.21 6.78 0.00 | 76.47 6.82 0.00 | 77.52 6.82 0.00 | 70.09 6.32 0.00 | 66.58 6.02 0.00 | 105.24 10.52 0.00 | 70.16 6.44 0.00 | 64.24 6.37 0.00 | 38.33 3.23 0.00 | 51.02 4.31 -1.01 | 44.54 3.51 0.16 | 47.77 4.21 0.00 | 64.02 5.90 0.00 | 79.61 7.73 0.00 | 92.72 6.42 -37.51 | 138.63 13.10 -30.33 | 298.96 18.71 -145.23 | 220.95 16.59 -86.68 | 209.19 10.25 -124.93 | 142.36 14.04 -22.03 | 105.36 12.11 0.00 | 105.56 11.73 0.00 | 120.80 13.39 0.00 |
| ISLIP_RES_REC 323679 | 87.76 8.11 0.00 | 80.55 7.48 -2.63 | 77.00 7.35 0.00 | 78.16 7.46 0.00 | 70.44 6.68 0.00 | 67.91 6.42 -0.93 | 110.03 10.25 -5.06 | 70.95 7.23 0.00 | 64.75 6.88 0.00 | 39.35 4.25 0.00 | 52.27 5.79 -0.79 | 50.83 5.34 -4.29 | 48.95 5.39 0.00 | 65.07 6.95 0.00 | 80.49 8.61 0.00 | 82.91 6.30 -27.81 | 114.12 11.89 -7.03 | 183.22 17.14 -31.06 | 157.34 15.60 -24.06 | 139.26 10.08 -55.18 | 126.29 14.31 -5.69 | 105.12 11.86 0.00 | 105.90 12.07 0.00 | 120.49 13.07 0.00 |
| JAMAICA__27_KV_LOAD 355505 | 84.49 4.84 0.00 | 74.82 4.38 0.00 | 74.12 4.47 0.00 | 75.39 4.70 0.00 | 67.70 3.94 0.00 | 64.13 3.57 0.00 | 100.72 6.00 0.00 | 68.25 4.53 0.00 | 62.34 4.47 0.00 | 37.97 2.88 0.00 | 50.84 4.35 -0.79 | 49.45 3.96 -4.30 | 47.71 4.15 0.00 | 63.35 5.22 0.00 | 77.79 5.91 0.00 | 80.80 4.19 -27.81 | 110.55 8.32 -7.03 | 178.51 12.44 -31.05 | 152.60 10.87 -24.06 | 136.21 7.04 -55.16 | 121.68 9.70 -5.69 | 101.26 8.00 0.00 | 101.73 7.90 0.00 | 116.45 9.03 0.00 |
| JANIS___SOLAR 323808 | 80.44 0.80 0.00 | 71.24 0.81 0.00 | 70.63 0.97 0.00 | 71.74 1.05 0.00 | 64.65 0.89 0.00 | 61.32 0.76 0.00 | 96.76 2.04 0.00 | 65.39 1.68 0.00 | 59.91 2.04 0.00 | 36.87 1.36 -0.41 | 49.99 1.61 -2.69 | 45.89 1.54 -3.16 | 44.99 1.07 -0.36 | 61.88 1.24 -2.51 | 74.89 1.11 -1.90 | 60.98 1.06 -11.11 | 101.94 2.30 -4.43 | 149.46 3.79 -10.65 | 129.60 3.32 -8.60 | 92.65 2.13 -16.51 | 111.72 2.54 -2.89 | 96.96 1.94 -1.76 | 95.69 1.86 0.00 | 108.94 1.52 0.00 |
| JARVIS____ 23743 | 79.93 0.28 0.00 | 70.75 0.31 0.00 | 70.01 0.35 0.00 | 71.08 0.39 0.00 | 64.08 0.32 0.00 | 60.79 0.23 0.00 | 95.10 0.38 0.00 | 63.95 0.23 0.00 | 58.10 0.23 0.00 | 35.26 0.17 0.00 | 46.00 0.30 0.00 | 41.45 0.26 0.00 | 43.82 0.26 0.00 | 58.47 0.35 0.00 | 72.24 0.36 0.00 | 49.09 0.29 0.00 | 95.68 0.48 0.00 | 135.70 0.68 0.00 | 118.27 0.59 0.00 | 74.41 0.40 0.00 | 106.84 0.55 0.00 | 93.82 0.56 0.00 | 94.36 0.53 0.00 | 107.99 0.57 0.00 |
| JENNISON___1 23625 | 79.49 -0.16 0.00 | 70.25 -0.19 0.00 | 69.71 0.06 0.00 | 70.87 0.18 0.00 | 64.07 0.30 0.00 | 60.66 0.11 0.00 | 95.61 0.89 0.00 | 64.67 0.95 0.00 | 59.15 1.28 0.00 | 36.63 0.93 -0.61 | 50.74 1.06 -3.99 | 46.96 1.09 -4.68 | 44.84 0.75 -0.54 | 62.70 0.82 -3.75 | 75.16 0.44 -2.84 | 64.40 0.52 -15.08 | 102.99 1.16 -6.63 | 153.27 2.01 -16.24 | 132.43 1.86 -12.89 | 98.67 1.37 -23.29 | 111.96 1.36 -4.31 | 96.95 1.06 -2.63 | 94.81 0.98 0.00 | 107.91 0.49 0.00 |
| JENNISON___2 23626 | 79.49 -0.16 0.00 | 70.25 -0.19 0.00 | 69.71 0.06 0.00 | 70.87 0.18 0.00 | 64.07 0.30 0.00 | 60.66 0.11 0.00 | 95.61 0.89 0.00 | 64.67 0.95 0.00 | 59.15 1.28 0.00 | 36.63 0.93 -0.61 | 50.74 1.06 -3.99 | 46.96 1.09 -4.68 | 44.84 0.75 -0.54 | 62.70 0.82 -3.75 | 75.16 0.44 -2.84 | 64.40 0.52 -15.08 | 102.99 1.16 -6.63 | 153.27 2.01 -16.24 | 132.43 1.86 -12.89 | 98.67 1.37 -23.29 | 111.96 1.36 -4.31 | 96.95 1.06 -2.63 | 94.81 0.98 0.00 | 107.91 0.49 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 79.53 -0.11 0.00 | 69.87 -0.57 0.00 | 68.48 -1.17 0.00 | 69.13 -1.56 0.00 | 62.32 -1.45 0.00 | 59.78 -0.77 0.00 | 93.26 -1.46 0.00 | 62.58 -1.13 0.00 | 56.57 -1.29 0.00 | 33.96 -1.13 0.00 | 44.15 -1.54 0.00 | 39.84 -1.36 0.00 | 42.31 -1.25 0.00 | 57.00 -1.13 0.00 | 70.80 -1.08 0.00 | 47.96 -0.84 0.00 | 94.57 -0.63 0.00 | 134.32 -0.70 0.00 | 116.97 -0.71 0.00 | 73.37 -0.64 0.00 | 105.37 -0.92 0.00 | 92.37 -0.89 0.00 | 92.74 -1.09 0.00 | 106.36 -1.06 0.00 |
| KATONAH___115KV_46KV_TB4 355592 | 84.76 5.11 0.00 | 75.02 4.59 0.00 | 74.23 4.58 0.00 | 75.45 4.76 0.00 | 67.96 4.20 0.00 | 64.50 3.94 0.00 | 101.17 6.45 0.00 | 68.41 4.69 0.00 | 62.47 4.60 0.00 | 38.01 2.92 0.00 | 50.69 4.21 -0.78 | 48.90 3.79 -3.91 | 47.50 3.94 0.00 | 63.26 5.14 0.00 | 77.80 5.92 0.00 | 81.27 4.32 -28.15 | 110.85 8.50 -7.14 | 179.15 12.55 -31.57 | 153.13 11.01 -24.44 | 137.02 7.06 -55.95 | 121.84 9.77 -5.78 | 101.46 8.20 0.00 | 101.94 8.11 0.00 | 116.57 9.15 0.00 |
| KCE_NY_1 323755 | 84.02 4.37 0.00 | 74.57 4.13 0.00 | 73.74 4.09 0.00 | 74.87 4.18 0.00 | 67.62 3.85 0.00 | 64.16 3.61 0.00 | 100.51 5.79 0.00 | 67.47 3.75 0.00 | 61.45 3.58 0.00 | 37.15 2.05 0.00 | 49.54 2.83 -1.01 | 43.39 2.35 0.16 | 46.14 2.58 0.00 | 61.70 3.57 0.00 | 76.27 4.39 0.00 | 89.73 3.49 -37.45 | 131.94 6.74 -30.00 | 288.41 9.87 -143.52 | 212.02 8.62 -85.72 | 203.32 5.41 -123.90 | 135.65 7.57 -21.80 | 99.62 6.37 0.00 | 100.02 6.19 0.00 | 114.57 7.15 0.00 |
| KCE_NY_6_ESR 323823 | 46.86 -7.74 25.04 | 40.44 -6.88 23.12 | 39.89 -6.90 22.87 | 40.31 -7.17 23.21 | 36.51 -6.62 20.63 | 36.91 -5.93 17.72 | 60.97 -9.20 24.56 | 34.12 -7.36 22.25 | 29.99 -6.45 21.44 | 15.94 -3.47 15.68 | 23.33 -4.98 17.38 | 18.48 -4.42 18.30 | 23.64 -4.69 15.23 | 32.34 -5.93 19.86 | 43.34 -7.24 21.30 | 28.68 -5.17 14.95 | 58.25 -10.59 26.36 | 88.81 -15.14 31.07 | 75.08 -13.45 29.15 | 47.12 -8.44 18.45 | 65.34 -12.09 28.86 | 55.83 -10.31 27.12 | 58.73 -9.05 26.05 | 66.80 -11.41 29.20 |
| KEDC_PORT_JEFF_GT2 24210 | 87.21 7.56 0.00 | 80.06 6.99 -2.63 | 76.54 6.88 0.00 | 77.70 7.01 0.00 | 70.04 6.28 0.00 | 67.50 6.01 -0.93 | 109.35 9.58 -5.06 | 70.48 6.76 0.00 | 64.35 6.48 0.00 | 39.11 4.01 0.00 | 51.99 5.51 -0.79 | 50.54 5.05 -4.29 | 48.67 5.11 0.00 | 64.72 6.59 0.00 | 80.03 8.15 0.00 | 82.57 5.96 -27.81 | 113.53 11.30 -7.03 | 182.29 16.21 -31.06 | 156.58 14.84 -24.06 | 138.76 9.58 -55.18 | 125.63 13.65 -5.69 | 104.55 11.29 0.00 | 105.36 11.53 0.00 | 119.91 12.49 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 87.21 7.56 0.00 | 80.06 6.99 -2.63 | 76.54 6.88 0.00 | 77.70 7.01 0.00 | 70.04 6.28 0.00 | 67.50 6.01 -0.93 | 109.35 9.58 -5.06 | 70.48 6.76 0.00 | 64.35 6.48 0.00 | 39.11 4.01 0.00 | 51.99 5.51 -0.79 | 50.54 5.05 -4.29 | 48.67 5.11 0.00 | 64.72 6.59 0.00 | 80.03 8.15 0.00 | 82.57 5.96 -27.81 | 113.53 11.30 -7.03 | 182.29 16.21 -31.06 | 156.58 14.84 -24.06 | 138.76 9.58 -55.18 | 125.63 13.65 -5.69 | 104.55 11.29 0.00 | 105.36 11.53 0.00 | 119.91 12.49 0.00 |
| KEDC_GLWD_GT4 24219 | 85.35 5.70 0.00 | 78.28 5.22 -2.63 | 74.84 5.18 0.00 | 76.03 5.33 0.00 | 68.52 4.76 0.00 | 65.98 4.49 -0.93 | 106.92 7.15 -5.06 | 68.66 4.94 0.00 | 62.69 4.82 0.00 | 38.28 3.18 0.00 | 51.04 4.56 -0.79 | 49.65 4.17 -4.29 | 47.85 4.28 0.00 | 63.66 5.54 0.00 | 77.88 6.00 0.00 | 80.97 4.36 -27.81 | 110.57 8.34 -7.03 | 178.34 12.26 -31.06 | 152.75 11.01 -24.06 | 136.28 7.10 -55.18 | 121.89 9.91 -5.69 | 101.52 8.26 0.00 | 102.14 8.31 0.00 | 116.73 9.32 0.00 |
| KEDC_GLWD_GT5 24220 | 85.35 5.70 0.00 | 78.28 5.22 -2.63 | 74.84 5.18 0.00 | 76.03 5.33 0.00 | 68.52 4.76 0.00 | 65.98 4.49 -0.93 | 106.92 7.15 -5.06 | 68.66 4.94 0.00 | 62.69 4.82 0.00 | 38.28 3.18 0.00 | 51.04 4.56 -0.79 | 49.65 4.17 -4.29 | 47.85 4.28 0.00 | 63.66 5.54 0.00 | 77.88 6.00 0.00 | 80.97 4.36 -27.81 | 110.57 8.34 -7.03 | 178.34 12.26 -31.06 | 152.75 11.01 -24.06 | 136.28 7.10 -55.18 | 121.89 9.91 -5.69 | 101.52 8.26 0.00 | 102.14 8.31 0.00 | 116.73 9.32 0.00 |

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| KENSICO____ 23655 | 84.21 4.57 0.00 | 74.53 4.09 0.00 | 73.75 4.10 0.00 | 74.96 4.27 0.00 | 67.53 3.76 0.00 | 64.05 3.49 0.00 | 100.50 5.79 0.00 | 67.97 4.25 0.00 | 62.04 4.17 0.00 | 37.75 2.66 0.00 | 50.36 3.87 -0.79 | 49.08 3.52 -4.36 | 47.20 3.64 0.00 | 62.84 4.72 0.00 | 77.26 5.39 0.00 | 80.48 3.93 -27.75 | 109.90 7.69 -7.02 | 177.34 11.34 -30.98 | 151.63 9.95 -24.00 | 135.49 6.45 -55.04 | 120.84 8.87 -5.68 | 100.68 7.42 0.00 | 101.23 7.40 0.00 | 115.81 8.39 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 86.17 6.52 0.00 | 76.14 5.71 0.00 | 75.26 5.61 0.00 | 76.47 5.78 0.00 | 68.93 5.16 0.00 | 65.36 4.80 0.00 | 102.76 8.04 0.00 | 69.55 5.84 0.00 | 63.52 5.65 0.00 | 38.63 3.53 0.00 | 51.30 4.89 -0.71 | 47.67 4.31 -2.16 | 47.87 4.31 0.00 | 64.25 6.13 0.00 | 78.99 7.12 0.00 | 80.74 5.28 -26.66 | 113.46 10.63 -7.63 | 184.13 15.87 -33.24 | 155.96 13.83 -24.45 | 136.32 8.76 -53.55 | 124.36 12.09 -5.98 | 103.35 10.09 0.00 | 103.70 9.87 0.00 | 118.37 10.95 0.00 |
| KIAC_JFK_GT1 23816 | 83.68 4.04 0.00 | 74.20 3.77 0.00 | 73.54 3.88 0.00 | 74.79 4.10 0.00 | 67.15 3.38 0.00 | 63.53 2.97 0.00 | 99.75 5.03 0.00 | 67.61 3.89 0.00 | 61.75 3.88 0.00 | 37.62 2.52 0.00 | 50.36 3.88 -0.79 | 49.04 3.55 -4.30 | 47.27 3.71 0.00 | 62.73 4.60 0.00 | 77.04 5.16 0.00 | 80.30 3.69 -27.81 | 109.52 7.29 -7.03 | 177.07 11.01 -31.05 | 151.34 9.60 -24.06 | 135.42 6.25 -55.16 | 120.53 8.56 -5.69 | 100.26 7.00 0.00 | 100.73 6.90 0.00 | 115.34 7.92 0.00 |
| KIAC_JFK_GT2 23817 | 83.68 4.04 0.00 | 74.20 3.77 0.00 | 73.54 3.88 0.00 | 74.79 4.10 0.00 | 67.15 3.38 0.00 | 63.53 2.97 0.00 | 99.75 5.03 0.00 | 67.61 3.89 0.00 | 61.75 3.88 0.00 | 37.62 2.52 0.00 | 50.36 3.88 -0.79 | 49.04 3.55 -4.30 | 47.27 3.71 0.00 | 62.73 4.60 0.00 | 77.04 5.16 0.00 | 80.30 3.69 -27.81 | 109.52 7.29 -7.03 | 177.07 11.01 -31.05 | 151.34 9.60 -24.06 | 135.42 6.25 -55.16 | 120.53 8.56 -5.69 | 100.26 7.00 0.00 | 100.73 6.90 0.00 | 115.34 7.92 0.00 |
| KIAC_JFK____ 323774 | 83.67 4.03 0.00 | 74.19 3.75 0.00 | 73.52 3.87 0.00 | 74.80 4.10 0.00 | 67.16 3.39 0.00 | 63.53 2.97 0.00 | 99.72 5.01 0.00 | 67.58 3.86 0.00 | 61.73 3.86 0.00 | 37.62 2.53 0.00 | 50.37 3.89 -0.79 | 49.03 3.54 -4.30 | 47.27 3.71 0.00 | 62.74 4.62 0.00 | 77.01 5.13 0.00 | 80.28 3.68 -27.81 | 109.51 7.28 -7.03 | 177.07 11.00 -31.05 | 151.35 9.61 -24.06 | 135.41 6.24 -55.16 | 120.53 8.56 -5.69 | 100.26 7.00 0.00 | 100.73 6.89 0.00 | 115.35 7.94 0.00 |
| KINTIGH____ 23543 | 59.20 -8.32 12.13 | 51.98 -7.37 11.08 | 51.22 -7.33 11.10 | 51.80 -7.59 11.30 | 46.76 -6.96 10.05 | 45.78 -6.23 8.55 | 73.06 -9.71 11.94 | 45.22 -7.79 10.71 | 40.70 -6.87 10.29 | 23.47 -3.78 7.84 | 30.37 -5.18 10.14 | 25.66 -4.64 10.90 | 31.14 -4.86 7.57 | 40.49 -6.19 11.45 | 52.45 -7.78 11.64 | 35.35 -5.46 7.98 | 70.38 -11.22 13.60 | 105.20 -15.93 13.88 | 89.72 -13.96 14.00 | 58.30 -8.93 6.78 | 79.11 -12.96 14.22 | 67.84 -11.10 14.32 | 71.30 -9.88 12.66 | 81.02 -12.17 14.22 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 81.07 1.43 0.00 | 71.33 0.89 0.00 | 69.88 0.22 0.00 | 70.47 -0.22 0.00 | 63.39 -0.38 0.00 | 60.72 0.16 0.00 | 94.88 0.16 0.00 | 63.44 -0.28 0.00 | 57.43 -0.44 0.00 | 34.44 -0.66 0.00 | 44.75 -0.94 0.00 | 40.37 -0.82 0.00 | 42.86 -0.70 0.00 | 57.85 -0.27 0.00 | 71.87 -0.01 0.00 | 48.89 0.09 0.00 | 96.44 1.24 0.00 | 137.13 2.11 0.00 | 119.26 1.58 0.00 | 74.78 0.78 0.00 | 107.16 0.87 0.00 | 93.83 0.57 0.00 | 94.24 0.41 0.00 | 108.29 0.88 0.00 |
| LACHUTE____HYDRO 323717 | 86.71 7.07 0.00 | 77.21 6.78 0.00 | 76.48 6.82 0.00 | 77.52 6.83 0.00 | 70.09 6.33 0.00 | 66.59 6.03 0.00 | 105.25 10.53 0.00 | 70.19 6.47 0.00 | 64.27 6.40 0.00 | 38.34 3.24 0.00 | 51.02 4.31 -1.01 | 44.54 3.51 0.16 | 47.78 4.21 0.00 | 64.03 5.91 0.00 | 79.61 7.74 0.00 | 92.73 6.42 -37.51 | 138.65 13.12 -30.33 | 298.96 18.71 -145.23 | 220.94 16.58 -86.68 | 209.18 10.24 -124.93 | 142.37 14.05 -22.03 | 105.40 12.14 0.00 | 105.60 11.77 0.00 | 120.83 13.42 0.00 |
| LAWRNCV_115KV_TB1 80681 | 78.56 -1.09 0.00 | 69.14 -1.30 0.00 | 68.16 -1.49 0.00 | 69.02 -1.67 0.00 | 62.30 -1.47 0.00 | 59.46 -1.09 0.00 | 93.23 -1.49 0.00 | 62.70 -1.02 0.00 | 56.56 -1.31 0.00 | 33.95 -1.15 0.00 | 44.08 -1.61 0.00 | 39.72 -1.47 0.00 | 42.07 -1.49 0.00 | 56.26 -1.87 0.00 | 69.96 -1.92 0.00 | 47.27 -1.53 0.00 | 92.92 -2.28 0.00 | 131.87 -3.15 0.00 | 114.78 -2.90 0.00 | 72.01 -2.00 0.00 | 103.52 -2.77 0.00 | 91.10 -2.16 0.00 | 91.37 -2.46 0.00 | 104.65 -2.76 0.00 |
| LEDERLE____ 23769 | 84.01 4.37 0.00 | 74.33 3.89 0.00 | 73.52 3.86 0.00 | 74.74 4.04 0.00 | 67.33 3.56 0.00 | 63.85 3.29 0.00 | 100.34 5.63 0.00 | 67.93 4.21 0.00 | 61.98 4.11 0.00 | 37.68 2.59 0.00 | 50.05 3.69 -0.67 | 45.83 3.32 -1.31 | 46.99 3.42 0.00 | 62.58 4.46 0.00 | 76.96 5.08 0.00 | 79.27 3.73 -26.74 | 109.34 7.37 -6.77 | 175.69 10.91 -29.75 | 150.25 9.56 -23.00 | 132.99 6.16 -52.82 | 120.27 8.51 -5.46 | 100.35 7.09 0.00 | 100.88 7.06 0.00 | 115.43 8.02 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 77.47 -2.18 0.00 | 68.40 -2.04 0.00 | 67.79 -1.86 0.00 | 68.74 -1.96 0.00 | 61.95 -1.82 0.00 | 58.67 -1.88 0.00 | 92.49 -2.23 0.00 | 62.13 -1.59 0.00 | 56.33 -1.54 0.00 | 34.10 -1.00 0.00 | 44.42 -1.32 -0.05 | 40.07 -1.13 0.00 | 42.16 -1.40 0.00 | 56.42 -1.71 0.00 | 69.65 -2.23 0.00 | 49.46 -1.40 -2.05 | 92.50 -2.70 0.00 | 131.21 -3.81 0.00 | 114.40 -3.28 0.00 | 73.61 -2.05 -1.66 | 103.28 -3.01 0.00 | 91.08 -2.17 0.00 | 91.29 -2.54 0.00 | 103.86 -3.55 0.00 |
| LINDEN COGEN____ 23786 | 83.72 4.07 0.00 | 74.09 3.66 0.00 | 73.32 3.67 0.00 | 74.62 3.93 0.00 | 6.91 3.45 60.30 | 63.77 3.21 0.00 | 98.43 5.28 1.57 | 63.57 3.98 4.13 | 61.82 3.95 0.00 | 37.68 2.58 0.00 | 50.33 3.85 -0.79 | 49.03 3.54 -4.30 | 47.25 3.69 0.00 | 59.84 4.70 2.99 | 77.18 5.30 0.00 | 80.45 3.84 -27.81 | 109.78 7.55 -7.03 | 177.34 11.27 -31.05 | 151.60 9.86 -24.06 | 135.55 6.39 -55.16 | 120.70 8.73 -5.69 | 100.50 7.24 0.00 | 101.04 7.21 0.00 | 115.63 8.21 0.00 |
| LINDHRST_69_KV_BK1 356055 | 86.97 7.32 0.00 | 79.81 6.74 -2.63 | 76.31 6.65 0.00 | 77.44 6.74 0.00 | 69.81 6.04 0.00 | 67.26 5.77 -0.93 | 108.87 9.09 -5.06 | 70.14 6.42 0.00 | 64.02 6.15 0.00 | 38.92 3.82 0.00 | 51.81 5.33 -0.79 | 50.36 4.88 -4.29 | 48.52 4.95 0.00 | 64.56 6.43 0.00 | 79.73 7.85 0.00 | 82.28 5.67 -27.81 | 112.90 10.67 -7.03 | 181.46 15.38 -31.06 | 155.75 14.01 -24.06 | 138.26 9.08 -55.18 | 124.82 12.84 -5.69 | 104.04 10.78 0.00 | 104.80 10.97 0.00 | 119.43 12.01 0.00 |
| LIPA_MISC_IPP 23656 | 87.19 7.54 0.00 | 79.99 6.92 -2.63 | 76.47 6.81 0.00 | 77.64 6.95 0.00 | 69.97 6.21 0.00 | 67.46 5.97 -0.93 | 109.33 9.55 -5.06 | 70.48 6.76 0.00 | 64.31 6.44 0.00 | 39.06 3.97 0.00 | 51.89 5.41 -0.79 | 50.48 4.99 -4.29 | 48.61 5.05 0.00 | 64.61 6.49 0.00 | 79.92 8.04 0.00 | 82.53 5.92 -27.81 | 113.49 11.25 -7.03 | 182.04 15.97 -31.06 | 156.45 14.71 -24.06 | 138.64 9.46 -55.18 | 125.52 13.54 -5.69 | 104.47 11.21 0.00 | 105.26 11.43 0.00 | 119.75 12.34 0.00 |
| LISF____SOLAR 323691 | 87.33 7.68 0.00 | 80.13 7.06 -2.63 | 76.61 6.95 0.00 | 77.78 7.09 0.00 | 70.11 6.34 0.00 | 67.57 6.08 -0.93 | 109.48 9.71 -5.06 | 70.60 6.88 0.00 | 64.42 6.55 0.00 | 39.12 4.03 0.00 | 51.96 5.48 -0.79 | 50.54 5.05 -4.29 | 48.68 5.12 0.00 | 64.69 6.57 0.00 | 80.01 8.13 0.00 | 82.64 6.03 -27.81 | 113.71 11.48 -7.03 | 182.42 16.35 -31.06 | 156.79 15.04 -24.06 | 138.85 9.66 -55.18 | 125.83 13.85 -5.69 | 104.68 11.42 0.00 | 105.50 11.66 0.00 | 120.01 12.59 0.00 |

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| LITTLE FALLS___HYD 24013 | 80.71 1.06 0.00 | 71.78 1.34 0.00 | 71.09 1.43 0.00 | 72.23 1.53 0.00 | 65.17 1.40 0.00 | 61.74 1.19 0.00 | 96.61 1.89 0.00 | 65.10 1.38 0.00 | 59.36 1.49 0.00 | 35.90 0.81 0.00 | 46.78 1.09 0.00 | 41.92 0.72 0.00 | 44.41 0.85 0.00 | 59.51 1.39 0.00 | 73.91 2.04 0.00 | 50.68 1.88 0.00 | 98.73 3.53 0.00 | 140.14 5.12 0.00 | 122.10 4.42 0.00 | 76.94 2.94 0.00 | 110.37 4.07 0.00 | 96.41 3.16 0.00 | 96.95 3.12 0.00 | 110.95 3.54 0.00 |
| LITTLRIV_115KV_TB1 356100 | 79.55 -0.09 0.00 | 69.99 -0.44 0.00 | 68.99 -0.66 0.00 | 69.86 -0.84 0.00 | 63.08 -0.69 0.00 | 60.20 -0.36 0.00 | 94.45 -0.27 0.00 | 63.53 -0.19 0.00 | 57.32 -0.55 0.00 | 34.37 -0.73 0.00 | 44.55 -1.14 0.00 | 40.04 -1.16 0.00 | 42.41 -1.16 0.00 | 56.70 -1.42 0.00 | 70.68 -1.20 0.00 | 47.83 -0.97 0.00 | 94.15 -1.05 0.00 | 133.75 -1.27 0.00 | 116.43 -1.25 0.00 | 73.01 -0.99 0.00 | 104.91 -1.38 0.00 | 92.28 -0.98 0.00 | 92.52 -1.30 0.00 | 105.89 -1.52 0.00 |
| LI_NEWBRDGE___DRP 323616 | 85.38 5.74 0.00 | 78.42 5.35 -2.63 | 74.96 5.30 0.00 | 76.10 5.41 0.00 | 68.62 4.86 0.00 | 66.09 4.60 -0.93 | 107.03 7.26 -5.06 | 68.91 5.19 0.00 | 62.87 5.00 0.00 | 38.24 3.15 0.00 | 51.02 4.54 -0.79 | 49.64 4.16 -4.29 | 47.79 4.23 0.00 | 63.59 5.46 0.00 | 78.40 6.52 0.00 | 81.29 4.68 -27.81 | 110.98 8.74 -7.03 | 178.72 12.64 -31.06 | 153.32 11.58 -24.06 | 136.73 7.54 -55.18 | 122.63 10.65 -5.69 | 102.13 8.88 0.00 | 102.86 9.03 0.00 | 117.33 9.92 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 53.46 -8.86 17.33 | 46.41 -7.81 16.21 | 46.04 -7.84 15.78 | 46.54 -8.20 15.95 | 42.06 -7.52 14.18 | 41.63 -6.60 12.33 | 67.48 -10.33 16.91 | 39.73 -8.47 15.52 | 35.33 -7.54 15.00 | 19.75 -4.15 11.20 | 26.24 -5.82 13.63 | 21.39 -5.28 14.53 | 27.13 -5.53 10.90 | 35.98 -6.85 15.29 | 47.29 -8.57 16.01 | 31.27 -6.04 11.48 | 63.54 -12.40 19.25 | 96.29 -17.57 21.16 | 81.67 -15.44 20.57 | 52.06 -9.90 12.05 | 71.34 -14.32 20.63 | 61.02 -12.21 20.03 | 65.13 -10.74 17.97 | 73.83 -13.51 20.07 |
| LOCKPORT___CC1 323769 | 52.03 -8.80 18.81 | 45.08 -7.83 17.53 | 44.67 -7.84 17.14 | 45.18 -8.16 17.35 | 40.83 -7.51 15.43 | 40.53 -6.67 13.36 | 65.95 -10.39 18.38 | 38.53 -8.38 16.80 | 34.20 -7.44 16.23 | 18.97 -4.07 12.05 | 25.52 -5.85 14.33 | 20.72 -5.25 15.22 | 26.30 -5.54 11.72 | 35.03 -6.94 16.15 | 46.34 -8.54 17.00 | 30.57 -6.06 12.17 | 62.33 -12.26 20.61 | 94.20 -17.72 23.10 | 79.64 -15.80 22.24 | 50.59 -10.05 13.37 | 69.63 -14.47 22.20 | 59.65 -12.24 21.37 | 63.46 -10.85 19.52 | 71.82 -13.76 21.84 |
| LOCKPORT___CC2 323770 | 52.03 -8.80 18.81 | 45.08 -7.83 17.53 | 44.67 -7.84 17.14 | 45.18 -8.16 17.35 | 40.83 -7.51 15.43 | 40.53 -6.67 13.36 | 65.95 -10.39 18.38 | 38.53 -8.38 16.80 | 34.20 -7.44 16.23 | 18.97 -4.07 12.05 | 25.52 -5.85 14.33 | 20.72 -5.25 15.22 | 26.30 -5.54 11.72 | 35.03 -6.94 16.15 | 46.34 -8.54 17.00 | 30.57 -6.06 12.17 | 62.33 -12.26 20.61 | 94.20 -17.72 23.10 | 79.64 -15.80 22.24 | 50.59 -10.05 13.37 | 69.63 -14.47 22.20 | 59.65 -12.24 21.37 | 63.46 -10.85 19.52 | 71.82 -13.76 21.84 |
| LOCKPORT___CC3 323771 | 52.03 -8.80 18.81 | 45.08 -7.83 17.53 | 44.67 -7.84 17.14 | 45.18 -8.16 17.35 | 40.83 -7.51 15.43 | 40.53 -6.67 13.36 | 65.95 -10.39 18.38 | 38.53 -8.38 16.80 | 34.20 -7.44 16.23 | 18.97 -4.07 12.05 | 25.52 -5.85 14.33 | 20.72 -5.25 15.22 | 26.30 -5.54 11.72 | 35.03 -6.94 16.15 | 46.34 -8.54 17.00 | 30.57 -6.06 12.17 | 62.33 -12.26 20.61 | 94.20 -17.72 23.10 | 79.64 -15.80 22.24 | 50.59 -10.05 13.37 | 69.63 -14.47 22.20 | 59.65 -12.24 21.37 | 63.46 -10.85 19.52 | 71.82 -13.76 21.84 |
| LONG_LAKE_PHOENIX 24014 | 76.80 -2.85 0.00 | 67.93 -2.51 0.00 | 67.17 -2.49 0.00 | 68.21 -2.49 0.00 | 61.50 -2.27 0.00 | 58.35 -2.21 0.00 | 91.47 -3.25 0.00 | 61.44 -2.28 0.00 | 55.96 -1.91 0.00 | 34.11 -0.99 0.00 | 44.38 -1.37 -0.06 | 40.05 -1.15 0.00 | 42.27 -1.29 0.00 | 56.36 -1.76 0.00 | 69.57 -2.31 0.00 | 49.66 -1.44 -2.30 | 92.30 -2.90 0.00 | 130.96 -4.06 0.00 | 114.14 -3.54 0.00 | 73.62 -2.26 -1.87 | 102.90 -3.40 0.00 | 90.21 -3.05 0.00 | 90.83 -3.00 0.00 | 103.70 -3.72 0.00 |
| LOVETT___3 23632 | 83.58 3.93 0.00 | 73.97 3.53 0.00 | 73.18 3.53 0.00 | 74.39 3.69 0.00 | 67.01 3.24 0.00 | 63.55 2.99 0.00 | 99.88 5.16 0.00 | 67.62 3.90 0.00 | 61.69 3.82 0.00 | 37.50 2.41 0.00 | 49.81 3.45 -0.67 | 45.56 3.10 -1.26 | 46.76 3.20 0.00 | 62.27 4.15 0.00 | 76.56 4.68 0.00 | 79.11 3.46 -26.84 | 108.84 6.84 -6.80 | 175.01 10.11 -29.88 | 149.64 8.86 -23.10 | 132.78 5.72 -53.04 | 119.67 7.89 -5.48 | 99.81 6.55 0.00 | 100.35 6.52 0.00 | 114.86 7.45 0.00 |
| LOVETT___4 23642 | 83.58 3.93 0.00 | 73.97 3.53 0.00 | 73.18 3.53 0.00 | 74.39 3.69 0.00 | 67.01 3.24 0.00 | 63.55 2.99 0.00 | 99.88 5.16 0.00 | 67.62 3.90 0.00 | 61.69 3.82 0.00 | 37.50 2.41 0.00 | 49.81 3.45 -0.67 | 45.56 3.10 -1.26 | 46.76 3.20 0.00 | 62.27 4.15 0.00 | 76.56 4.68 0.00 | 79.11 3.46 -26.84 | 108.84 6.84 -6.80 | 175.01 10.11 -29.88 | 149.64 8.86 -23.10 | 132.78 5.72 -53.04 | 119.67 7.89 -5.48 | 99.81 6.55 0.00 | 100.35 6.52 0.00 | 114.86 7.45 0.00 |
| LOVETT___5 23593 | 83.58 3.93 0.00 | 73.97 3.53 0.00 | 73.18 3.53 0.00 | 74.39 3.69 0.00 | 67.01 3.24 0.00 | 63.55 2.99 0.00 | 99.88 5.16 0.00 | 67.62 3.90 0.00 | 61.69 3.82 0.00 | 37.50 2.41 0.00 | 49.81 3.45 -0.67 | 45.56 3.10 -1.26 | 46.76 3.20 0.00 | 62.27 4.15 0.00 | 76.56 4.68 0.00 | 79.11 3.46 -26.84 | 108.84 6.84 -6.80 | 175.01 10.11 -29.88 | 149.64 8.86 -23.10 | 132.78 5.72 -53.04 | 119.67 7.89 -5.48 | 99.81 6.55 0.00 | 100.35 6.52 0.00 | 114.86 7.45 0.00 |
| LOWER RAQUET___HYD 24057 | 78.12 -1.53 0.00 | 68.73 -1.70 0.00 | 67.76 -1.90 0.00 | 68.60 -2.09 0.00 | 61.93 -1.83 0.00 | 59.12 -1.44 0.00 | 92.75 -1.97 0.00 | 62.38 -1.34 0.00 | 56.24 -1.63 0.00 | 33.74 -1.36 0.00 | 43.81 -1.89 0.00 | 39.46 -1.74 0.00 | 41.79 -1.78 0.00 | 55.88 -2.24 0.00 | 69.49 -2.38 0.00 | 46.98 -1.82 0.00 | 92.38 -2.82 0.00 | 131.15 -3.87 0.00 | 114.19 -3.49 0.00 | 71.65 -2.36 0.00 | 102.95 -3.34 0.00 | 90.63 -2.62 0.00 | 90.84 -2.99 0.00 | 103.99 -3.43 0.00 |
| LOWER___HUDSON 24059 | 83.03 3.38 0.00 | 73.66 3.23 0.00 | 72.93 3.28 0.00 | 74.05 3.36 0.00 | 66.86 3.10 0.00 | 63.42 2.86 0.00 | 99.04 4.32 0.00 | 66.58 2.87 0.00 | 60.61 2.74 0.00 | 36.67 1.58 0.00 | 48.92 2.23 -1.00 | 42.93 1.82 0.08 | 45.47 1.91 0.00 | 60.78 2.66 0.00 | 75.09 3.21 0.00 | 88.20 2.57 -36.83 | 126.26 4.95 -26.11 | 265.10 7.17 -122.92 | 198.06 6.27 -74.11 | 189.47 4.03 -111.44 | 130.89 5.62 -18.98 | 98.06 4.80 0.00 | 98.60 4.77 0.00 | 112.98 5.57 0.00 |
| LOWVILLE_115KV_TB2 356335 | 79.35 -0.30 0.00 | 69.73 -0.71 0.00 | 69.46 -0.20 0.00 | 70.40 -0.29 0.00 | 63.33 -0.44 0.00 | 60.14 -0.42 0.00 | 95.63 0.91 0.00 | 64.23 0.51 0.00 | 57.66 -0.21 0.00 | 34.38 -0.71 0.00 | 44.81 -0.91 -0.03 | 40.32 -0.88 0.00 | 42.38 -1.18 0.00 | 56.68 -1.44 0.00 | 70.11 -1.77 0.00 | 48.50 -1.30 -1.00 | 93.31 -1.89 0.00 | 132.23 -2.79 0.00 | 115.19 -2.49 0.00 | 73.18 -1.64 -0.81 | 103.80 -2.49 0.00 | 92.76 -0.50 0.00 | 91.99 -1.84 0.00 | 104.29 -3.12 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 83.95 4.30 0.00 | 74.53 4.10 0.00 | 73.75 4.09 0.00 | 74.86 4.17 0.00 | 67.59 3.83 0.00 | 64.14 3.59 0.00 | 100.42 5.70 0.00 | 67.47 3.76 0.00 | 61.44 3.57 0.00 | 37.14 2.05 0.00 | 49.51 2.80 -1.01 | 43.37 2.33 0.16 | 46.11 2.55 0.00 | 61.64 3.51 0.00 | 76.27 4.40 0.00 | 89.69 3.44 -37.45 | 131.93 6.73 -30.00 | 288.23 9.69 -143.52 | 211.80 8.40 -85.72 | 203.24 5.34 -123.90 | 135.56 7.47 -21.80 | 99.56 6.30 0.00 | 100.03 6.20 0.00 | 114.48 7.06 0.00 |

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|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|--------------------------|-------------------------|------------------------|--------------------------|-------------------------|--------------------------|-------------------------|---------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|---------------------------|---------------------------|-----------------------------|
| LUTHERNY_35_KV_BK2 355980 | 84.03 4.38 0.00 | 74.57 4.13 0.00 | 73.74 4.09 0.00 | 74.86 4.17 0.00 | 67.62 3.85 0.00 | 64.17 3.61 0.00 | 100.49 5.78 0.00 | 67.47 3.75 0.00 | 61.44 3.57 0.00 | 37.14 2.05 0.00 | 49.53 2.83 -1.01 | 43.39 2.35 0.16 | 46.14 2.58 0.00 | 61.70 3.57 0.00 | 76.25 4.38 0.00 | 89.73 3.49 -37.45 | 131.94 6.74 -30.00 | 288.39 9.85 -143.52 | 212.02 8.62 -85.72 | 203.33 5.42 -123.90 | 135.65 7.56 -21.80 | 99.60 6.34 0.00 | 100.02 6.19 0.00 | 114.57 7.15 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 77.79 -1.85 0.00 | 68.42 -2.02 0.00 | 67.78 -1.87 0.00 | 68.66 -2.04 0.00 | 61.88 -1.89 0.00 | 58.89 -1.67 0.00 | 93.09 -1.63 0.00 | 62.58 -1.14 0.00 | 56.31 -1.56 0.00 | 33.66 -1.43 0.00 | 43.77 -1.94 -0.02 | 39.42 -1.78 0.00 | 41.54 -2.02 0.00 | 55.64 -2.49 0.00 | 68.96 -2.92 0.00 | 47.46 -2.09 -0.74 | 91.84 -3.36 0.00 | 130.31 -4.71 0.00 | 113.51 -4.17 0.00 | 71.85 -2.76 -0.60 | 102.31 -3.98 0.00 | 90.72 -2.54 0.00 | 90.47 -3.36 0.00 | 103.02 -4.40 0.00 |
| LYONS_FALL_HYD 23570 | 80.21 0.57 0.00 | 70.72 0.28 0.00 | 70.23 0.58 0.00 | 71.22 0.53 0.00 | 64.14 0.38 0.00 | 60.89 0.33 0.00 | 96.36 1.64 0.00 | 64.74 1.02 0.00 | 58.44 0.57 0.00 | 35.11 0.01 0.00 | 45.75 0.03 -0.03 | 41.18 -0.02 0.00 | 43.39 -0.17 0.00 | 57.99 -0.14 0.00 | 71.69 -0.19 0.00 | 49.59 -0.15 -0.94 | 95.27 0.07 0.00 | 135.00 -0.02 0.00 | 117.62 -0.06 0.00 | 74.66 -0.11 -0.76 | 106.01 -0.28 0.00 | 94.01 0.75 0.00 | 93.69 -0.15 0.00 | 106.53 -0.88 0.00 |
| MADISON___COUNTY_LFGE 323628 | 81.18 1.53 0.00 | 71.97 1.53 0.00 | 71.22 1.57 0.00 | 72.27 1.57 0.00 | 65.24 1.47 0.00 | 61.86 1.30 0.00 | 97.31 2.59 0.00 | 65.43 1.71 0.00 | 59.50 1.64 0.00 | 36.14 1.05 0.00 | 47.04 1.31 -0.05 | 42.40 1.21 0.00 | 44.75 1.19 0.00 | 59.76 1.64 0.00 | 73.80 1.92 0.00 | 51.82 1.36 -1.66 | 97.86 2.66 0.00 | 138.49 3.47 0.00 | 120.64 2.96 0.00 | 77.20 1.85 -1.34 | 108.68 2.39 0.00 | 95.37 2.12 0.00 | 95.72 1.89 0.00 | 109.21 1.80 0.00 |
| MALONE___115KV_TB1 356076 | 80.30 0.66 0.00 | 70.57 0.14 0.00 | 69.26 -0.39 0.00 | 69.99 -0.71 0.00 | 63.12 -0.65 0.00 | 60.52 -0.04 0.00 | 94.68 -0.03 0.00 | 63.60 -0.12 0.00 | 57.55 -0.32 0.00 | 34.57 -0.52 0.00 | 44.93 -0.77 0.00 | 40.52 -0.67 0.00 | 43.02 -0.55 0.00 | 57.80 -0.32 0.00 | 71.82 -0.06 0.00 | 48.67 -0.14 0.00 | 95.92 0.72 0.00 | 136.43 1.41 0.00 | 118.69 1.01 0.00 | 74.44 0.43 0.00 | 106.86 0.56 0.00 | 93.65 0.39 0.00 | 93.96 0.13 0.00 | 107.59 0.18 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 82.91 3.27 0.00 | 73.55 3.11 0.00 | 72.85 3.19 0.00 | 73.97 3.27 0.00 | 66.84 3.07 0.00 | 63.39 2.83 0.00 | 98.91 4.19 0.00 | 66.56 2.84 0.00 | 60.53 2.66 0.00 | 36.69 1.59 0.00 | 48.95 2.26 -0.99 | 42.89 1.87 0.17 | 45.49 1.93 0.00 | 60.75 2.62 0.00 | 75.03 3.16 0.00 | 87.97 2.49 -36.69 | 122.20 4.77 -22.23 | 243.88 6.89 -101.97 | 185.80 5.94 -62.17 | 176.71 3.85 -98.85 | 127.83 5.39 -16.14 | 97.87 4.61 0.00 | 98.41 4.58 0.00 | 112.81 5.39 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 79.36 -0.28 0.00 | 69.98 -0.45 0.00 | 69.32 -0.34 0.00 | 70.28 -0.42 0.00 | 63.06 -0.70 0.00 | 60.06 -0.50 0.00 | 94.05 -0.67 0.00 | 63.00 -0.72 0.00 | 56.87 -1.01 0.00 | 34.40 -0.70 0.00 | 44.85 -0.84 0.00 | 40.52 -0.68 0.00 | 42.75 -0.81 0.00 | 57.06 -1.06 0.00 | 70.70 -1.18 0.00 | 47.78 -1.02 0.00 | 93.22 -1.98 0.00 | 132.04 -2.98 0.00 | 115.04 -2.64 0.00 | 72.31 -1.69 0.00 | 104.33 -1.96 0.00 | 91.66 -1.60 0.00 | 91.88 -1.94 0.00 | 105.34 -2.07 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 79.36 -0.28 0.00 | 69.98 -0.45 0.00 | 69.32 -0.34 0.00 | 70.28 -0.42 0.00 | 63.06 -0.70 0.00 | 60.06 -0.50 0.00 | 94.05 -0.67 0.00 | 63.00 -0.72 0.00 | 56.87 -1.01 0.00 | 34.40 -0.70 0.00 | 44.85 -0.84 0.00 | 40.52 -0.68 0.00 | 42.75 -0.81 0.00 | 57.06 -1.06 0.00 | 70.70 -1.18 0.00 | 47.78 -1.02 0.00 | 93.22 -1.98 0.00 | 132.04 -2.98 0.00 | 115.04 -2.64 0.00 | 72.31 -1.69 0.00 | 104.33 -1.96 0.00 | 91.66 -1.60 0.00 | 91.88 -1.94 0.00 | 105.34 -2.07 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 79.55 -0.09 0.00 | 69.98 -0.45 0.00 | 68.56 -1.10 0.00 | 69.18 -1.51 0.00 | 62.32 -1.45 0.00 | 59.72 -0.83 0.00 | 93.24 -1.48 0.00 | 62.52 -1.20 0.00 | 56.54 -1.32 0.00 | 33.95 -1.14 0.00 | 44.14 -1.56 0.00 | 39.82 -1.38 0.00 | 42.29 -1.27 0.00 | 57.02 -1.11 0.00 | 70.82 -1.06 0.00 | 48.01 -0.78 0.00 | 94.66 -0.54 0.00 | 134.45 -0.57 0.00 | 117.08 -0.60 0.00 | 73.41 -0.59 0.00 | 105.44 -0.86 0.00 | 92.39 -0.87 0.00 | 92.77 -1.06 0.00 | 106.42 -1.00 0.00 |
| MARSHVLE_115KV_TB1 80742 | 82.84 3.19 0.00 | 73.09 2.65 0.00 | 72.27 2.61 0.00 | 73.22 2.52 0.00 | 66.03 2.26 0.00 | 62.81 2.25 0.00 | 98.77 4.05 0.00 | 66.52 2.80 0.00 | 60.34 2.47 0.00 | 36.51 1.42 0.00 | 48.40 1.58 -1.13 | 42.42 1.34 0.11 | 45.23 1.67 0.00 | 60.41 2.28 0.00 | 75.12 3.24 0.00 | 92.83 2.14 -41.89 | 127.03 4.08 -27.75 | 274.08 5.96 -133.10 | 202.18 5.07 -79.43 | 197.66 3.10 -120.55 | 131.16 4.71 -20.16 | 97.24 3.98 0.00 | 97.63 3.80 0.00 | 111.43 4.01 0.00 |
| MARSH_HILL_WT_PWR 323713 | 158.35 -8.07 -86.77 | 142.44 -7.66 -79.66 | 141.35 -7.63 -79.33 | 143.80 -7.53 -80.64 | 128.56 -6.88 -71.68 | 114.90 -6.92 -61.26 | 169.85 -10.12 -85.25 | 133.72 -6.82 -76.82 | 126.23 -5.57 -73.93 | 75.94 -3.16 -44.00 | 40.33 -4.58 0.79 | 28.89 -4.05 8.25 | 82.60 -4.69 -43.73 | 59.02 -5.83 -6.73 | 91.20 -7.34 -26.65 | 35.57 -4.87 8.36 | 138.01 -9.45 -52.26 | 242.92 -13.41 -121.32 | 188.03 -11.97 -82.33 | 138.12 -7.10 -71.22 | 176.44 -10.55 -80.70 | 133.86 -9.50 -50.10 | 175.23 -9.01 -90.41 | 198.05 -10.84 -101.48 |
| MCINTYRE_115KV_TB2 80467 | 80.87 1.22 0.00 | 71.13 0.70 0.00 | 70.12 0.46 0.00 | 71.00 0.31 0.00 | 64.14 0.38 0.00 | 61.20 0.65 0.00 | 96.01 1.29 0.00 | 64.57 0.85 0.00 | 58.28 0.41 0.00 | 34.94 -0.16 0.00 | 45.26 -0.43 0.00 | 40.61 -0.58 0.00 | 43.02 -0.55 0.00 | 57.49 -0.63 0.00 | 71.78 -0.10 0.00 | 48.59 -0.21 0.00 | 95.75 0.56 0.00 | 136.06 1.04 0.00 | 118.43 0.75 0.00 | 74.26 0.25 0.00 | 106.71 0.42 0.00 | 93.76 0.50 0.00 | 94.06 0.23 0.00 | 107.69 0.27 0.00 |
| MECO_____69_KV_BK1 80468 | 84.59 4.94 0.00 | 74.72 4.29 0.00 | 73.90 4.25 0.00 | 74.90 4.21 0.00 | 67.59 3.83 0.00 | 64.24 3.69 0.00 | 100.94 6.22 0.00 | 68.03 4.31 0.00 | 61.79 3.92 0.00 | 37.24 2.15 0.00 | 49.27 2.48 -1.09 | 42.95 1.91 0.15 | 45.91 2.35 0.00 | 61.43 3.31 0.00 | 76.77 4.89 0.00 | 92.70 3.55 -40.35 | 131.93 7.13 -29.60 | 287.75 10.41 -142.32 | 211.35 8.89 -84.78 | 204.50 5.51 -124.99 | 135.65 7.85 -21.51 | 99.84 6.59 0.00 | 100.22 6.39 0.00 | 114.32 6.90 0.00 |
| MENANDS___115KV_TB5 355628 | 82.67 3.02 0.00 | 73.34 2.91 0.00 | 72.65 3.00 0.00 | 73.77 3.08 0.00 | 66.69 2.92 0.00 | 63.23 2.67 0.00 | 98.61 3.89 0.00 | 66.35 2.63 0.00 | 60.34 2.47 0.00 | 36.56 1.47 0.00 | 48.82 2.14 -0.99 | 42.77 1.75 0.18 | 45.37 1.81 0.00 | 60.61 2.49 0.00 | 74.80 2.92 0.00 | 87.70 2.29 -36.62 | 121.13 4.36 -21.57 | 239.69 6.26 -98.42 | 183.28 5.44 -60.16 | 174.23 3.51 -96.70 | 126.90 4.95 -15.66 | 97.50 4.23 0.00 | 98.07 4.24 0.00 | 112.48 5.07 0.00 |
| MG INDUSTRY___DRP 24185 | 82.47 2.82 0.00 | 73.19 2.75 0.00 | 72.53 2.88 0.00 | 73.66 2.96 0.00 | 66.51 2.74 0.00 | 63.07 2.51 0.00 | 98.31 3.59 0.00 | 66.09 2.37 0.00 | 60.05 2.19 0.00 | 36.39 1.30 0.00 | 48.49 1.84 -0.97 | 42.56 1.49 0.12 | 45.08 1.52 0.00 | 60.20 2.07 0.00 | 74.38 2.50 0.00 | 86.55 2.01 -35.74 | 114.65 3.83 -15.62 | 207.34 5.40 -66.92 | 164.69 4.69 -42.33 | 154.60 3.05 -77.54 | 121.98 4.35 -11.34 | 97.01 3.75 0.00 | 97.62 3.79 0.00 | 112.01 4.59 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 77.79 -1.85 0.00 | 68.42 -2.02 0.00 | 67.78 -1.87 0.00 | 68.66 -2.04 0.00 | 61.88 -1.89 0.00 | 58.89 -1.67 0.00 | 93.09 -1.63 0.00 | 62.58 -1.14 0.00 | 56.31 -1.56 0.00 | 33.66 -1.43 0.00 | 43.77 -1.94 -0.02 | 39.42 -1.78 0.00 | 41.54 -2.02 0.00 | 55.64 -2.49 0.00 | 68.96 -2.92 0.00 | 47.46 -2.09 -0.74 | 91.84 -3.36 0.00 | 130.31 -4.71 0.00 | 113.51 -4.17 0.00 | 71.85 -2.76 -0.60 | 102.31 -3.98 0.00 | 90.72 -2.54 0.00 | 90.47 -3.36 0.00 | 103.02 -4.40 0.00 |
| MID___RAQUETTE_HYD 23851 | 78.13 -1.52 0.00 | 68.73 -1.70 0.00 | 67.76 -1.90 0.00 | 68.62 -2.08 0.00 | 61.94 -1.83 0.00 | 59.12 -1.44 0.00 | 92.75 -1.96 0.00 | 62.40 -1.32 0.00 | 56.26 -1.61 0.00 | 33.74 -1.36 0.00 | 43.81 -1.89 0.00 | 39.47 -1.72 0.00 | 41.79 -1.78 0.00 | 55.89 -2.23 0.00 | 69.53 -2.35 0.00 | 46.98 -1.82 0.00 | 92.39 -2.81 0.00 | 131.20 -3.82 0.00 | 114.18 -3.49 0.00 | 71.62 -2.39 0.00 | 102.95 -3.34 0.00 | 90.64 -2.62 0.00 | 90.84 -2.99 0.00 | 104.00 -3.41 0.00 |
| MILLIKEN___1 23584 | 79.44 -0.20 0.00 | 70.30 -0.13 0.00 | 69.58 -0.08 0.00 | 70.62 -0.07 0.00 | 63.66 -0.11 0.00 | 60.33 -0.23 0.00 | 94.82 0.10 0.00 | 63.66 -0.06 0.00 | 58.21 0.34 0.00 | 35.49 0.39 0.00 | 46.20 0.35 -0.16 | 41.73 0.36 -0.17 | 43.74 0.17 0.00 | 58.44 0.32 0.00 | 72.10 0.23 0.00 | 54.89 0.34 -5.74 | 97.33 0.50 -1.63 | 142.45 1.10 -6.33 | 123.21 1.04 -4.49 | 84.93 0.62 -10.31 | 108.13 0.62 -1.22 | 93.58 0.32 0.00 | 94.20 0.38 0.00 | 107.47 0.06 0.00 |
| MILLIKEN___2 23585 | 79.44 -0.20 0.00 | 70.30 -0.13 0.00 | 69.58 -0.08 0.00 | 70.62 -0.07 0.00 | 63.66 -0.11 0.00 | 60.33 -0.23 0.00 | 94.82 0.10 0.00 | 63.66 -0.06 0.00 | 58.21 0.34 0.00 | 35.49 0.39 0.00 | 46.20 0.35 -0.16 | 41.73 0.36 -0.17 | 43.74 0.17 0.00 | 58.44 0.32 0.00 | 72.10 0.23 0.00 | 54.89 0.34 -5.74 | 97.33 0.50 -1.63 | 142.45 1.10 -6.33 | 123.21 1.04 -4.49 | 84.93 0.62 -10.31 | 108.13 0.62 -1.22 | 93.58 0.32 0.00 | 94.20 0.38 0.00 | 107.47 0.06 0.00 |
| MILLIKEN___DIESEL 23629 | 79.44 -0.20 0.00 | 70.30 -0.13 0.00 | 69.58 -0.08 0.00 | 70.62 -0.07 0.00 | 63.66 -0.11 0.00 | 60.33 -0.23 0.00 | 94.82 0.10 0.00 | 63.66 -0.06 0.00 | 58.21 0.34 0.00 | 35.49 0.39 0.00 | 46.20 0.35 -0.16 | 41.73 0.36 -0.17 | 43.74 0.17 0.00 | 58.44 0.32 0.00 | 72.10 0.23 0.00 | 54.89 0.34 -5.74 | 97.33 0.50 -1.63 | 142.45 1.10 -6.33 | 123.21 1.04 -4.49 | 84.93 0.62 -10.31 | 108.13 0.62 -1.22 | 93.58 0.32 0.00 | 94.20 0.38 0.00 | 107.47 0.06 0.00 |
| MILLSEAT___LFGE 323607 | 58.79 -6.53 14.32 | 51.20 -5.83 13.40 | 50.71 -5.91 13.04 | 51.32 -6.19 13.18 | 46.35 -5.70 11.72 | 45.39 -4.98 10.19 | 73.13 -7.62 13.97 | 44.56 -6.33 12.83 | 39.94 -5.53 12.39 | 22.75 -2.92 9.43 | 29.04 -4.36 12.29 | 24.02 -3.96 13.22 | 30.16 -4.25 9.15 | 39.28 -5.16 13.69 | 51.57 -6.28 14.03 | 34.05 -4.46 10.29 | 69.78 -8.90 16.52 | 105.25 -12.63 17.13 | 89.10 -11.38 17.19 | 57.23 -7.32 9.46 | 78.31 -10.66 17.32 | 66.96 -9.01 17.29 | 71.27 -7.71 14.85 | 80.68 -10.15 16.59 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 84.05 4.41 0.00 | 74.40 3.97 0.00 | 73.61 3.96 0.00 | 74.83 4.14 0.00 | 67.41 3.64 0.00 | 63.93 3.38 0.00 | 100.32 5.60 0.00 | 67.85 4.14 0.00 | 61.93 4.06 0.00 | 37.67 2.58 0.00 | 50.24 3.75 -0.79 | 48.99 3.40 -4.40 | 47.07 3.51 0.00 | 62.67 4.55 0.00 | 77.07 5.19 0.00 | 80.25 3.80 -27.65 | 109.65 7.46 -6.99 | 176.89 11.02 -30.85 | 151.22 9.64 -23.90 | 135.07 6.25 -54.81 | 120.57 8.63 -5.65 | 100.46 7.20 0.00 | 100.99 7.16 0.00 | 115.57 8.15 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 84.17 4.52 0.00 | 74.50 4.07 0.00 | 73.71 4.06 0.00 | 74.91 4.22 0.00 | 67.50 3.73 0.00 | 64.01 3.45 0.00 | 100.46 5.74 0.00 | 67.94 4.22 0.00 | 62.01 4.14 0.00 | 37.72 2.63 0.00 | 50.30 3.82 -0.79 | 49.05 3.46 -4.40 | 47.14 3.58 0.00 | 62.77 4.65 0.00 | 77.19 5.31 0.00 | 80.33 3.88 -27.65 | 109.82 7.63 -6.99 | 177.13 11.26 -30.85 | 151.43 9.86 -23.90 | 135.19 6.37 -54.81 | 120.72 8.78 -5.65 | 100.62 7.36 0.00 | 101.14 7.31 0.00 | 115.71 8.29 0.00 |
| MODEL_CITY_ENERGY 24167 | 52.14 -9.36 18.14 | 44.96 -8.32 17.16 | 44.87 -8.30 16.48 | 45.42 -8.67 16.61 | 41.04 -7.96 14.77 | 40.51 -7.09 12.96 | 66.04 -11.05 17.63 | 38.49 -8.87 16.36 | 34.09 -7.94 15.84 | 18.98 -4.37 11.74 | 25.41 -6.31 13.97 | 20.67 -5.68 14.85 | 26.12 -5.97 11.47 | 35.04 -7.45 15.63 | 46.17 -9.15 16.56 | 30.61 -6.50 11.69 | 62.05 -13.12 20.03 | 93.50 -19.09 22.43 | 79.12 -17.01 21.55 | 50.39 -10.84 12.78 | 69.01 -15.58 21.69 | 59.36 -13.03 20.86 | 63.68 -11.40 18.75 | 72.29 -14.22 20.90 |
| MODERN_LFGE___ 323580 | 52.14 -9.36 18.14 | 44.96 -8.32 17.16 | 44.87 -8.30 16.48 | 45.42 -8.67 16.61 | 41.04 -7.96 14.77 | 40.51 -7.09 12.96 | 66.04 -11.05 17.63 | 38.49 -8.87 16.36 | 34.09 -7.94 15.84 | 18.98 -4.37 11.74 | 25.41 -6.31 13.97 | 20.67 -5.68 14.85 | 26.12 -5.97 11.47 | 35.04 -7.45 15.63 | 46.17 -9.15 16.56 | 30.61 -6.50 11.69 | 62.05 -13.12 20.03 | 93.50 -19.09 22.43 | 79.12 -17.01 21.55 | 50.39 -10.84 12.78 | 69.01 -15.58 21.69 | 59.36 -13.03 20.86 | 63.68 -11.40 18.75 | 72.29 -14.22 20.90 |
| MOHAWK_PAPER___DRP 24187 | 82.91 3.27 0.00 | 73.55 3.11 0.00 | 72.85 3.19 0.00 | 73.97 3.27 0.00 | 66.84 3.07 0.00 | 63.39 2.83 0.00 | 98.91 4.19 0.00 | 66.56 2.84 0.00 | 60.53 2.66 0.00 | 36.69 1.59 0.00 | 48.95 2.26 -0.99 | 42.89 1.87 0.17 | 45.49 1.93 0.00 | 60.75 2.62 0.00 | 75.03 3.16 0.00 | 87.97 2.49 -36.69 | 122.20 4.77 -22.23 | 243.88 6.89 -101.97 | 185.80 5.94 -62.17 | 176.71 3.85 -98.85 | 127.83 5.39 -16.14 | 97.87 4.61 0.00 | 98.41 4.58 0.00 | 112.81 5.39 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 84.67 5.03 0.00 | 75.33 4.90 0.00 | 74.56 4.90 0.00 | 75.62 4.93 0.00 | 68.29 4.53 0.00 | 64.84 4.28 0.00 | 101.77 7.05 0.00 | 68.30 4.59 0.00 | 62.30 4.43 0.00 | 37.58 2.48 0.00 | 50.08 3.37 -1.01 | 43.83 2.80 0.16 | 46.70 3.13 0.00 | 62.47 4.35 0.00 | 77.41 5.53 0.00 | 90.66 4.38 -37.48 | 134.13 8.74 -30.19 | 292.02 12.48 -144.52 | 214.85 10.89 -86.28 | 205.35 6.84 -124.50 | 137.71 9.49 -21.93 | 101.30 8.04 0.00 | 101.70 7.87 0.00 | 116.27 8.86 0.00 |
| MONGAUP___HYD 23641 | 84.68 5.03 0.00 | 74.96 4.53 0.00 | 74.12 4.47 0.00 | 75.30 4.61 0.00 | 67.88 4.12 0.00 | 64.34 3.78 0.00 | 99.84 5.12 0.00 | 67.42 3.70 0.00 | 61.53 3.66 0.00 | 37.57 2.47 0.00 | 50.05 3.71 -0.65 | 46.23 3.35 -1.68 | 47.05 3.49 0.00 | 62.33 4.20 0.00 | 76.79 4.91 0.00 | 77.60 3.42 -25.38 | 108.33 6.69 -6.44 | 171.41 8.31 -28.08 | 147.42 8.09 -21.65 | 129.59 5.77 -49.82 | 119.49 8.03 -5.17 | 99.98 6.73 0.00 | 100.97 7.14 0.00 | 115.53 8.12 0.00 |
| MONTAUK___DIESEL 23721 | 87.00 7.35 0.00 | 79.44 6.38 -2.63 | 75.91 6.26 0.00 | 77.30 6.60 0.00 | 69.34 5.57 0.00 | 66.96 5.47 -0.93 | 108.59 8.81 -5.06 | 70.06 6.34 0.00 | 63.94 6.07 0.00 | 38.76 3.67 0.00 | 51.45 4.96 -0.79 | 50.02 4.54 -4.29 | 48.11 4.55 0.00 | 64.07 5.95 0.00 | 79.28 7.40 0.00 | 82.25 5.64 -27.81 | 113.22 10.99 -7.03 | 179.91 13.84 -31.06 | 156.02 14.28 -24.06 | 138.50 9.32 -55.18 | 125.37 13.38 -5.69 | 104.11 10.85 0.00 | 104.74 10.91 0.00 | 119.00 11.59 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 52.32 -8.75 18.58 | 45.42 -7.87 17.15 | 44.86 -7.83 16.97 | 45.72 -7.75 17.22 | 41.21 -7.25 15.31 | 40.99 -6.43 13.14 | 67.34 -9.16 18.22 | 39.43 -7.79 16.50 | 35.28 -6.69 15.90 | 19.41 -3.64 12.04 | 25.07 -5.27 15.35 | 15.29 -4.76 21.14 | 25.15 -5.04 13.37 | 34.67 -6.20 17.26 | 46.38 -7.79 17.70 | 30.52 -5.31 12.97 | 63.38 -10.84 20.98 | 97.57 -15.34 22.11 | 82.70 -12.97 22.01 | 53.98 -7.63 12.40 | 73.23 -11.01 22.05 | 60.91 -10.47 21.88 | 64.50 -10.00 19.33 | 74.67 -11.07 21.67 |

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|--|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|----------------------------|----------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|
| MORRIS_RIDGE___SOLAR 323848 | -47.20 -7.15 119.70 | -46.15 -6.61 109.97 | -46.35 -6.60 109.41 | -47.12 -6.61 111.20 | -41.22 -6.14 98.85 | -30.08 -6.11 84.53 | -31.85 -9.00 117.57 | -48.67 -6.38 106.01 | -49.48 -5.30 102.05 | -40.09 -2.94 72.25 | -27.07 -4.34 68.43 | -32.79 -3.80 70.19 | -31.09 -4.32 70.33 | -27.07 -5.33 79.87 | -25.00 -6.72 90.16 | -24.23 -4.57 68.45 | -33.22 -9.16 119.27 | -35.84 -13.11 157.76 | -35.15 -11.52 141.31 | -42.18 -7.02 109.17 | -39.19 -10.47 135.02 | -34.41 -9.05 118.61 | -39.19 -8.33 124.69 | -42.65 -10.13 139.93 |
| MORTIMER_115KV_TB3 55949 | 74.41 -5.27 -0.03 | 65.75 -4.69 0.00 | 65.00 -4.69 -0.03 | 65.85 -4.88 -0.04 | 59.33 -4.47 -0.04 | 56.60 -3.97 -0.01 | 88.70 -6.05 -0.04 | 58.88 -4.85 -0.01 | 53.68 -4.20 0.00 | 31.82 -2.24 1.04 | 36.33 -3.11 6.26 | 31.06 -2.74 7.39 | 39.77 -2.88 0.92 | 48.08 -3.63 6.41 | 62.43 -4.59 4.85 | 40.63 -3.18 4.99 | 84.05 -6.52 4.62 | 125.72 -9.08 0.22 | 106.43 -8.01 3.24 | 68.85 -5.20 -0.04 | 96.23 -7.67 2.39 | 82.11 -6.65 4.50 | 87.94 -5.93 -0.04 | 99.88 -7.58 -0.05 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 84.40 4.75 0.00 | 74.69 4.26 0.00 | 73.92 4.27 0.00 | 75.14 4.45 0.00 | 67.67 3.91 0.00 | 64.20 3.64 0.00 | 100.69 5.97 0.00 | 68.14 4.42 0.00 | 62.23 4.36 0.00 | 37.90 2.80 0.00 | 50.62 4.14 -0.79 | 49.27 3.77 -4.29 | 47.49 3.93 0.00 | 63.15 5.03 0.00 | 77.62 5.74 0.00 | 80.76 4.15 -27.81 | 110.36 8.13 -7.03 | 178.07 11.99 -31.05 | 152.24 10.50 -24.06 | 135.99 6.82 -55.17 | 121.35 9.37 -5.69 | 101.09 7.83 0.00 | 101.60 7.78 0.00 | 116.24 8.82 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 80.98 1.33 0.00 | 71.83 1.40 0.00 | 71.52 1.86 0.00 | 72.71 2.01 0.00 | 65.46 1.69 0.00 | 62.15 1.60 0.00 | 98.65 3.93 0.00 | 67.29 3.57 0.00 | 61.89 4.02 0.00 | 38.06 2.45 -0.51 | 52.12 3.08 -3.34 | 48.11 3.00 -3.92 | 46.12 2.11 -0.45 | 63.50 1.92 -3.13 | 76.16 1.65 -2.37 | 63.55 3.62 -13.11 | 104.36 5.82 -5.53 | 154.30 5.09 -13.45 | 133.52 3.28 -10.75 | 97.19 3.28 -19.91 | 113.87 3.98 -3.60 | 98.60 3.15 -2.20 | 96.69 2.86 0.00 | 109.89 2.47 0.00 |
| N SALMON___HYD 24042 | 80.30 0.65 0.00 | 70.57 0.14 0.00 | 69.27 -0.39 0.00 | 69.98 -0.71 0.00 | 63.12 -0.65 0.00 | 60.52 -0.04 0.00 | 94.68 -0.03 0.00 | 63.60 -0.11 0.00 | 57.54 -0.32 0.00 | 34.57 -0.52 0.00 | 44.93 -0.77 0.00 | 40.52 -0.67 0.00 | 43.01 -0.55 0.00 | 57.81 -0.32 0.00 | 71.82 -0.06 0.00 | 48.66 -0.14 0.00 | 95.92 0.72 0.00 | 136.42 1.40 0.00 | 118.69 1.01 0.00 | 74.47 0.46 0.00 | 106.86 0.57 0.00 | 93.65 0.39 0.00 | 93.96 0.13 0.00 | 107.59 0.18 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 56.79 -7.34 15.51 | 49.43 -6.49 14.51 | 48.97 -6.56 14.12 | 49.54 -6.87 14.28 | 44.77 -6.31 12.69 | 44.06 -5.47 11.03 | 71.13 -8.45 15.13 | 42.72 -7.11 13.89 | 38.20 -6.25 13.43 | 21.60 -3.37 10.13 | 28.06 -4.81 12.82 | 23.07 -4.39 13.74 | 29.09 -4.63 9.85 | 38.16 -5.64 14.33 | 50.03 -7.03 14.81 | 33.07 -4.96 10.76 | 67.46 -10.14 17.60 | 102.09 -14.20 18.73 | 86.62 -12.53 18.53 | 55.43 -8.09 10.48 | 75.87 -11.79 18.63 | 64.80 -10.08 18.37 | 69.03 -8.72 16.08 | 78.20 -11.25 17.97 |
| N.BELMOR_69_KV_BK1 55787 | 85.79 6.14 0.00 | 78.79 5.72 -2.63 | 75.41 5.76 0.00 | 76.57 5.88 0.00 | 69.02 5.25 0.00 | 66.48 4.98 -0.93 | 107.46 7.69 -5.06 | 69.19 5.47 0.00 | 63.22 5.35 0.00 | 38.47 3.37 -0.79 | 51.29 4.81 -4.29 | 49.88 4.40 0.00 | 48.04 4.48 0.00 | 63.94 5.82 0.00 | 78.77 6.90 0.00 | 81.51 4.89 -27.81 | 111.33 9.10 -7.03 | 179.36 13.28 -31.06 | 153.87 12.13 -24.06 | 137.05 7.86 -55.18 | 123.06 11.08 -5.69 | 102.63 9.37 0.00 | 103.32 9.49 0.00 | 117.84 10.43 0.00 |
| N.E_GEN_SANDY PD 24062 | 97.38 4.09 -13.64 | 105.46 3.80 -31.22 | 107.33 3.83 -33.84 | 78.71 3.97 -4.05 | 103.26 3.60 -35.90 | 71.38 3.32 -7.50 | 100.21 5.08 -0.41 | 65.98 3.48 1.22 | 61.23 3.36 0.00 | 37.11 2.02 0.00 | 49.51 2.93 -0.90 | 45.50 2.49 -1.82 | 46.21 2.57 -0.08 | 61.63 3.51 0.00 | 73.33 4.04 2.59 | 84.73 3.16 -32.77 | 116.89 6.12 -15.57 | 196.80 8.91 -52.87 | 159.82 7.80 -34.34 | 148.10 5.03 -69.06 | 122.15 7.02 -8.83 | 102.42 6.01 -3.15 | 99.80 5.97 0.00 | 124.21 6.95 -9.85 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 83.77 4.12 0.00 | 74.13 3.70 0.00 | 73.34 3.69 0.00 | 74.55 3.86 0.00 | 67.18 3.42 0.00 | 63.69 3.14 0.00 | 100.06 5.34 0.00 | 67.74 4.02 0.00 | 61.80 3.94 0.00 | 37.57 2.48 0.00 | 49.90 3.54 -0.66 | 45.68 3.20 -1.28 | 46.85 3.29 0.00 | 62.40 4.28 0.00 | 76.73 4.85 0.00 | 79.16 3.56 -26.79 | 109.04 7.05 -6.78 | 175.28 10.44 -29.81 | 149.87 9.14 -23.05 | 132.85 5.91 -52.93 | 119.90 8.13 -5.47 | 100.02 6.76 0.00 | 100.59 6.76 0.00 | 115.11 7.70 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 84.48 4.83 0.00 | 74.75 4.32 0.00 | 74.06 4.41 0.00 | 75.11 4.42 0.00 | 67.47 3.70 0.01 | 64.05 3.49 0.01 | 100.60 5.89 0.00 | 68.18 4.46 0.00 | 62.24 4.37 0.00 | 37.95 2.85 0.00 | 50.77 4.28 -0.79 | 49.37 3.87 -4.30 | 47.54 3.97 -0.01 | 63.25 5.12 0.00 | 77.70 5.82 0.00 | 80.71 4.10 -27.81 | 110.45 8.22 -7.03 | 178.22 12.15 -31.05 | 152.53 10.79 -24.06 | 136.20 7.03 -55.16 | 121.56 9.58 -5.69 | 101.22 7.96 0.00 | 101.70 7.86 0.00 | 116.58 9.16 0.00 |
| N.TROY___115KV_TB1 355778 | 83.03 3.39 0.00 | 73.67 3.23 0.00 | 72.94 3.28 0.00 | 74.06 3.37 0.00 | 66.87 3.11 0.00 | 63.42 2.86 0.00 | 99.04 4.32 0.00 | 66.58 2.87 0.00 | 60.61 2.74 0.00 | 36.67 1.58 0.00 | 48.92 2.23 -1.00 | 42.94 1.82 0.08 | 45.47 1.91 0.00 | 60.77 2.64 0.00 | 75.10 3.22 0.00 | 88.21 2.58 -36.83 | 126.27 4.95 -26.11 | 265.09 7.15 -122.92 | 198.04 6.25 -74.11 | 189.48 4.03 -111.44 | 130.89 5.62 -18.98 | 98.06 4.80 0.00 | 98.59 4.76 0.00 | 112.97 5.56 0.00 |
| NARROWS_GT1_1 24228 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT1_2 24229 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT1_3 24230 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT1_4 24231 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |

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| NARROWS_GT1_5 24232 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT1_6 24233 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT1_7 24234 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT1_8 24235 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT2_1 24236 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT2_2 24237 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT2_3 24238 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT2_4 24239 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT2_5 24240 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT2_6 24241 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT2_7 24242 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NARROWS_GT2_8 24243 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 85.27 5.62 0.00 | 75.63 5.19 0.00 | 74.89 5.24 0.00 | 76.04 5.35 0.00 | 68.71 4.94 0.00 | 65.14 4.58 0.00 | 101.62 6.90 0.00 | 68.36 4.64 0.00 | 62.23 4.36 0.00 | 37.65 2.56 0.00 | 50.05 3.43 -0.92 | 44.47 2.84 -0.43 | 46.25 2.69 0.00 | 61.94 3.82 0.00 | 76.74 4.86 0.00 | 86.79 3.77 -34.22 | 117.76 7.60 -14.96 | 211.25 11.07 -65.16 | 168.95 9.64 -41.63 | 156.03 6.00 -76.03 | 125.81 8.56 -10.96 | 100.62 7.37 0.00 | 101.07 7.24 0.00 | 115.93 8.52 0.00 |
| NCHELSEA_115KV_TR2 355582 | 85.13 5.48 0.00 | 75.32 4.89 0.00 | 74.52 4.86 0.00 | 75.71 5.02 0.00 | 68.23 4.46 0.00 | 64.72 4.16 0.00 | 101.54 6.82 0.00 | 68.66 4.94 0.00 | 62.67 4.80 0.00 | 38.10 3.01 0.00 | 50.74 4.30 -0.75 | 48.10 3.81 -3.09 | 47.51 3.95 0.00 | 63.44 5.31 0.00 | 78.06 6.18 0.00 | 81.09 4.52 -27.77 | 111.38 8.97 -7.21 | 179.98 13.21 -31.75 | 153.53 11.52 -24.33 | 136.63 7.37 -55.26 | 122.28 10.20 -5.79 | 101.82 8.56 0.00 | 102.28 8.45 0.00 | 116.91 9.50 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 84.12 4.47 0.00 | 74.64 4.21 0.00 | 73.89 4.23 0.00 | 74.99 4.30 0.00 | 67.71 3.94 0.00 | 64.24 3.68 0.00 | 100.57 5.85 0.00 | 67.61 3.89 0.00 | 61.57 3.71 0.00 | 37.24 2.15 0.00 | 49.64 2.94 -1.01 | 43.50 2.43 0.13 | 46.23 2.67 0.00 | 61.78 3.66 0.00 | 76.47 4.59 0.00 | 89.62 3.57 -37.25 | 131.10 6.93 -28.97 | 283.07 10.01 -138.04 | 209.05 8.73 -82.64 | 200.10 5.51 -120.58 | 135.03 7.69 -21.05 | 99.77 6.51 0.00 | 100.21 6.38 0.00 | 114.69 7.27 0.00 |

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|-------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| NEG CENTRAL_HIGH_ACRES 23767 | 74.00 -5.65 0.00 | 65.42 -5.02 0.00 | 64.65 -5.00 0.00 | 65.51 -5.18 0.00 | 59.03 -4.73 0.00 | 56.26 -4.30 0.00 | 88.21 -6.51 0.00 | 58.77 -4.95 0.00 | 53.60 -4.27 0.00 | 31.96 -2.32 0.81 | 37.70 -3.19 4.81 | 32.72 -2.80 5.67 | 39.86 -2.99 0.71 | 49.32 -3.86 4.95 | 63.33 -4.81 3.74 | 42.37 -3.28 3.15 | 85.00 -6.63 3.57 | 125.55 -9.34 0.14 | 106.80 -8.41 2.47 | 69.29 -5.38 -0.66 | 96.51 -7.95 1.84 | 82.89 -6.90 3.47 | 87.43 -6.39 0.00 | 99.40 -8.01 0.00 |
| NEG CENTRAL___DRP 24199 | 85.75 -2.65 -8.75 | 76.10 -2.37 -8.03 | 75.32 -2.33 -8.00 | 76.45 -2.37 -8.13 | 68.85 -2.14 -7.23 | 64.66 -2.08 -6.18 | 100.37 -2.94 -8.59 | 69.29 -2.18 -7.75 | 63.77 -1.55 -7.46 | 38.45 -0.75 -4.11 | 42.58 -1.11 2.01 | 37.17 -0.89 3.14 | 46.50 -1.18 -4.11 | 55.40 -1.37 1.36 | 71.16 -1.87 -1.15 | 47.39 -1.04 0.37 | 97.35 -2.46 -4.61 | 145.75 -3.46 -14.19 | 123.88 -2.94 -9.14 | 83.76 -1.83 -11.59 | 111.24 -3.04 -7.98 | 94.13 -2.75 -3.63 | 100.29 -2.66 -9.11 | 114.18 -3.46 -10.23 |
| NEG CENTRAL___INDECK 23768 | 164.26 -3.23 -87.85 | 147.96 -3.13 -80.65 | 146.77 -3.20 -80.31 | 149.09 -3.25 -81.64 | 133.31 -3.02 -72.57 | 119.74 -2.84 -62.02 | 177.12 -3.91 -86.31 | 138.41 -3.08 -77.78 | 130.45 -2.27 -74.86 | 78.42 -1.11 -44.43 | 42.30 -1.88 1.52 | 30.12 -1.62 9.45 | 85.73 -1.93 -44.09 | 61.97 -2.26 -6.10 | 95.56 -2.77 -26.46 | 36.48 -1.86 10.46 | 143.84 -3.46 -52.10 | 250.60 -4.67 -120.24 | 195.03 -4.39 -81.74 | 141.17 -2.72 -69.88 | 183.14 -4.37 -81.22 | 139.64 -3.85 -50.24 | 182.05 -3.31 -91.53 | 205.41 -4.74 -102.73 |
| NEG CENTRAL___SENECA 23627 | 90.61 -3.33 -14.29 | 80.57 -3.00 -13.12 | 79.74 -2.98 -13.06 | 80.95 -3.02 -13.28 | 72.83 -2.74 -11.80 | 68.04 -2.60 -10.09 | 105.01 -3.74 -14.04 | 73.67 -2.70 -12.65 | 68.10 -1.95 -12.18 | 40.93 -0.97 -6.81 | 41.59 -1.41 2.70 | 35.64 -1.12 4.44 | 48.87 -1.50 -6.81 | 54.85 -1.70 1.58 | 71.86 -2.37 -2.36 | 45.76 -1.32 1.73 | 99.55 -3.15 -7.50 | 152.27 -4.59 -21.84 | 127.82 -3.92 -14.06 | 87.56 -2.36 -15.91 | 115.23 -3.98 -12.91 | 96.09 -3.55 -6.37 | 105.28 -3.44 -14.89 | 119.67 -4.45 -16.71 |
| NEG CENTRAL___STATE_STREET 24147 | 78.47 -1.18 0.00 | 69.41 -1.03 0.00 | 68.69 -0.97 0.00 | 69.67 -1.02 0.00 | 62.83 -0.94 0.00 | 59.60 -0.96 0.00 | 93.54 -1.18 0.00 | 62.60 -1.12 0.00 | 57.29 -0.57 0.00 | 34.63 -0.15 0.31 | 43.49 -0.44 1.77 | 38.74 -0.36 2.09 | 42.76 -0.54 0.27 | 55.75 -0.49 1.89 | 69.77 -0.69 1.43 | 49.67 -0.30 -1.16 | 93.71 -1.08 0.41 | 136.68 -0.87 -2.53 | 118.31 -0.68 -1.31 | 78.68 -0.69 -5.36 | 105.30 -1.00 0.00 | 90.89 -1.05 1.32 | 92.92 -0.91 0.00 | 106.03 -1.38 0.00 |
| NEG MILLWOOD___DRP 24198 | 85.31 5.66 0.00 | 75.49 5.06 0.00 | 74.68 5.02 0.00 | 75.89 5.20 0.00 | 68.38 4.62 0.00 | 64.88 4.32 0.00 | 101.80 7.08 0.00 | 68.85 5.14 0.00 | 62.87 5.00 0.00 | 38.24 3.15 0.00 | 50.95 4.49 -0.77 | 48.75 4.03 -3.52 | 47.76 4.20 0.00 | 63.68 5.56 0.00 | 78.36 6.49 0.00 | 81.57 4.71 -28.06 | 111.71 9.32 -7.19 | 180.52 13.73 -31.77 | 154.12 11.97 -24.48 | 137.49 7.67 -55.82 | 122.72 10.62 -5.80 | 102.16 8.90 0.00 | 102.63 8.80 0.00 | 117.29 9.88 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 80.64 0.99 0.00 | 71.01 0.57 0.00 | 69.57 -0.08 0.00 | 70.14 -0.55 0.00 | 63.05 -0.72 0.00 | 60.25 -0.30 0.00 | 94.10 -0.61 0.00 | 62.85 -0.87 0.00 | 56.88 -0.99 0.00 | 34.10 -1.00 0.00 | 44.32 -1.37 0.00 | 39.97 -1.23 0.00 | 42.46 -1.10 0.00 | 57.33 -0.80 0.00 | 71.30 -0.58 0.00 | 48.46 -0.33 0.00 | 95.56 0.36 0.00 | 135.77 0.75 0.00 | 118.13 0.45 0.00 | 73.97 -0.03 0.00 | 106.08 -0.21 0.00 | 92.87 -0.39 0.00 | 93.30 -0.54 0.00 | 107.57 0.16 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 79.79 0.14 0.00 | 70.09 -0.34 0.00 | 68.74 -0.91 0.00 | 69.43 -1.27 0.00 | 62.60 -1.16 0.00 | 60.01 -0.55 0.00 | 93.63 -1.09 0.00 | 62.84 -0.88 0.00 | 56.83 -1.04 0.00 | 34.10 -0.99 0.00 | 44.32 -1.37 0.00 | 39.98 -1.22 0.00 | 42.47 -1.09 0.00 | 57.19 -0.93 0.00 | 71.08 -0.80 0.00 | 48.16 -0.64 0.00 | 94.98 -0.22 0.00 | 134.94 -0.08 0.00 | 117.49 -0.19 0.00 | 73.65 -0.36 0.00 | 105.86 -0.44 0.00 | 92.73 -0.53 0.00 | 93.10 -0.73 0.00 | 106.78 -0.63 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 81.07 1.43 0.00 | 71.33 0.89 0.00 | 69.88 0.22 0.00 | 70.47 -0.22 0.00 | 63.39 -0.38 0.00 | 60.72 0.16 0.00 | 94.88 0.16 0.00 | 63.44 -0.28 0.00 | 57.43 -0.44 0.00 | 34.44 -0.66 0.00 | 44.75 -0.94 0.00 | 40.37 -0.82 0.00 | 42.86 -0.70 0.00 | 57.85 -0.27 0.00 | 71.87 -0.01 0.00 | 48.89 0.09 0.00 | 96.44 1.24 0.00 | 137.13 2.11 0.00 | 119.26 1.58 0.00 | 74.78 0.78 0.00 | 107.16 0.87 0.00 | 93.83 0.57 0.00 | 94.24 0.41 0.00 | 108.29 0.88 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 81.07 1.43 0.00 | 71.33 0.89 0.00 | 69.88 0.22 0.00 | 70.47 -0.22 0.00 | 63.39 -0.38 0.00 | 60.72 0.16 0.00 | 94.88 0.16 0.00 | 63.44 -0.28 0.00 | 57.43 -0.44 0.00 | 34.44 -0.66 0.00 | 44.75 -0.94 0.00 | 40.37 -0.82 0.00 | 42.86 -0.70 0.00 | 57.85 -0.27 0.00 | 71.87 -0.01 0.00 | 48.89 0.09 0.00 | 96.44 1.24 0.00 | 137.13 2.11 0.00 | 119.26 1.58 0.00 | 74.78 0.78 0.00 | 107.16 0.87 0.00 | 93.83 0.57 0.00 | 94.24 0.41 0.00 | 108.29 0.88 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 81.07 1.42 0.00 | 71.33 0.89 0.00 | 69.88 0.23 0.00 | 70.47 -0.22 0.00 | 63.39 -0.38 0.00 | 60.72 0.16 0.00 | 94.88 0.16 0.00 | 63.43 -0.28 0.00 | 57.43 -0.44 0.00 | 34.44 -0.66 0.00 | 44.75 -0.95 0.00 | 40.37 -0.82 0.00 | 42.86 -0.70 0.00 | 57.86 -0.27 0.00 | 71.86 -0.01 0.00 | 48.89 0.09 0.00 | 96.44 1.24 0.00 | 137.12 2.10 0.00 | 119.26 1.58 0.00 | 74.81 0.80 0.00 | 107.16 0.87 0.00 | 93.83 0.57 0.00 | 94.24 0.41 0.00 | 108.29 0.88 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 51.80 -9.03 18.81 | 44.92 -7.98 17.53 | 44.50 -8.02 17.14 | 44.99 -8.35 17.35 | 40.67 -7.67 15.43 | 40.44 -6.76 13.36 | 65.79 -10.55 18.38 | 38.31 -8.60 16.80 | 33.98 -7.66 16.23 | 18.82 -4.22 12.05 | 25.46 -5.91 14.33 | 20.63 -5.34 15.22 | 26.24 -5.60 11.72 | 35.00 -6.98 16.15 | 46.13 -8.74 17.00 | 30.48 -6.14 12.17 | 61.96 -12.63 20.61 | 94.04 -17.88 23.10 | 79.76 -15.69 22.24 | 50.59 -10.05 13.37 | 69.56 -14.54 22.20 | 59.44 -12.46 21.37 | 63.25 -11.06 19.52 | 71.65 -13.92 21.84 |
| NEG WEST___LANCASTER 23811 | 54.55 -6.11 18.98 | 47.60 -5.28 17.55 | 46.88 -5.45 17.33 | 47.47 -5.64 17.58 | 42.90 -5.24 15.63 | 42.58 -4.54 13.44 | 68.90 -7.21 18.61 | 40.66 -6.18 16.88 | 36.35 -5.25 16.27 | 20.36 -2.76 11.98 | 28.33 -3.72 13.64 | 23.53 -3.26 14.41 | 28.51 -3.42 11.64 | 38.24 -4.34 15.55 | 49.80 -5.55 16.53 | 34.35 -3.92 10.52 | 66.69 -8.55 19.96 | 100.77 -11.74 22.51 | 86.05 -10.21 21.41 | 55.90 -6.41 11.70 | 75.22 -9.27 21.80 | 64.25 -8.08 20.93 | 67.07 -7.01 19.74 | 76.32 -8.97 22.12 |
| NEG_PENN_ALLEGHNY 23528 | 78.47 -1.17 0.00 | 69.47 -0.97 0.00 | 68.72 -0.93 0.00 | 69.79 -0.90 0.00 | 62.89 -0.88 0.00 | 59.55 -1.01 0.00 | 93.49 -1.23 0.00 | 62.65 -1.06 0.00 | 57.22 -0.65 0.00 | 35.84 -0.18 -0.93 | 51.25 -0.32 -5.87 | 47.90 -0.19 -6.90 | 44.03 -0.34 -0.81 | 63.46 -0.34 -5.68 | 75.53 -0.64 -4.30 | 65.34 -0.36 -16.89 | 101.07 -0.90 -6.77 | 144.50 -1.19 -10.67 | 127.20 -0.87 -10.40 | 93.20 -0.44 -19.63 | 109.49 -0.93 -4.12 | 96.25 -0.98 -3.98 | 92.98 -0.85 0.00 | 106.20 -1.22 0.00 |
| NEG___GEN_MONROE 24207 | 74.72 -4.97 -0.04 | 65.99 -4.45 0.00 | 65.23 -4.47 -0.05 | 66.09 -4.66 -0.06 | 59.53 -4.28 -0.05 | 56.84 -3.74 -0.02 | 89.08 -5.70 -0.06 | 59.03 -4.70 -0.02 | 53.86 -4.02 -0.01 | 31.92 -2.11 1.06 | 36.32 -2.99 6.39 | 30.98 -2.68 7.54 | 39.79 -2.83 0.93 | 48.12 -3.48 6.53 | 62.52 -4.42 4.95 | 40.60 -3.07 5.13 | 84.23 -6.26 4.71 | 126.22 -8.58 0.22 | 106.78 -7.60 3.31 | 69.08 -4.93 0.00 | 96.50 -7.35 2.44 | 82.31 -6.36 4.59 | 88.30 -5.58 -0.05 | 100.21 -7.28 -0.07 |

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| NEPA__ENERGY 23901 | 44.98 -8.36 26.30 | 38.81 -7.39 24.23 | 38.22 -7.42 24.02 | 38.71 -7.59 24.40 | 35.05 -7.03 21.69 | 35.72 -6.25 18.59 | 59.37 -9.55 25.80 | 32.62 -7.76 23.33 | 28.62 -6.77 22.47 | 14.96 -3.68 16.46 | 22.22 -5.16 18.32 | 16.63 -4.67 19.89 | 22.44 -4.93 16.20 | 31.03 -6.16 20.93 | 41.75 -7.73 22.40 | 27.41 -5.38 16.00 | 56.35 -11.08 27.76 | 86.79 -15.51 32.73 | 73.47 -13.46 30.75 | 45.87 -8.40 19.74 | 63.78 -12.19 30.32 | 54.06 -10.71 28.49 | 56.83 -9.62 27.37 | 64.94 -11.77 30.70 |
| NEVERSink__HYD 23608 | 84.68 5.03 0.00 | 74.79 4.36 0.00 | 73.94 4.29 0.00 | 75.14 4.45 0.00 | 67.75 3.98 0.00 | 64.23 3.68 0.00 | 100.96 6.24 0.00 | 68.24 4.52 0.00 | 62.29 4.42 0.00 | 37.89 2.79 0.00 | 50.24 3.88 -0.67 | 46.65 3.42 -2.03 | 46.98 3.42 0.00 | 62.95 4.83 0.00 | 77.37 5.49 0.00 | 78.20 4.15 -25.26 | 110.55 8.41 -6.95 | 177.67 12.53 -30.12 | 151.13 10.99 -22.46 | 131.07 6.98 -50.09 | 121.37 9.60 -5.48 | 101.20 7.94 0.00 | 101.59 7.76 0.00 | 116.01 8.59 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 82.58 2.93 0.00 | 73.25 2.81 0.00 | 72.55 2.89 0.00 | 73.68 2.99 0.00 | 66.62 2.85 0.00 | 63.15 2.60 0.00 | 98.47 3.75 0.00 | 66.30 2.58 0.00 | 60.26 2.39 0.00 | 36.55 1.45 0.00 | 48.81 2.13 -0.99 | 42.73 1.74 0.21 | 45.36 1.80 0.00 | 60.57 2.45 0.00 | 74.78 2.90 0.00 | 87.66 2.24 -36.62 | 120.49 4.30 -20.98 | 236.40 6.16 -95.23 | 181.34 5.34 -58.33 | 172.25 3.47 -94.78 | 126.37 4.85 -15.23 | 97.40 4.14 0.00 | 97.95 4.12 0.00 | 112.37 4.95 0.00 |
| NEWTON__FALLS_HYD 23847 | 77.79 -1.85 0.00 | 68.42 -2.02 0.00 | 67.78 -1.87 0.00 | 68.66 -2.04 0.00 | 61.88 -1.89 0.00 | 58.89 -1.67 0.00 | 93.09 -1.63 0.00 | 62.58 -1.14 0.00 | 56.31 -1.56 0.00 | 33.66 -1.43 0.00 | 43.77 -1.94 -0.02 | 39.42 -1.78 0.00 | 41.54 -2.02 0.00 | 55.64 -2.49 0.00 | 68.96 -2.92 0.00 | 47.46 -2.09 -0.74 | 91.84 -3.36 0.00 | 130.31 -4.71 0.00 | 113.51 -4.17 0.00 | 71.85 -2.76 -0.60 | 102.31 -3.98 0.00 | 90.72 -2.54 0.00 | 90.47 -3.36 0.00 | 103.02 -4.40 0.00 |
| NGRID_A1_DSASP 323792 | 50.37 -10.13 19.16 | 43.85 -8.99 17.59 | 43.21 -8.93 17.51 | 43.60 -9.30 17.80 | 39.40 -8.55 15.82 | 39.40 -7.63 13.52 | 63.97 -11.94 18.82 | 36.95 -9.80 16.96 | 32.70 -8.84 16.33 | 18.21 -4.82 12.06 | 25.21 -6.57 13.92 | 20.57 -5.89 14.74 | 25.64 -6.23 11.69 | 34.01 -8.24 15.88 | 44.87 -10.24 16.77 | 30.02 -7.22 11.56 | 60.18 -14.61 20.41 | 90.81 -21.04 23.16 | 76.91 -18.65 22.12 | 48.96 -11.89 13.16 | 67.15 -17.06 22.08 | 57.70 -14.41 21.15 | 61.54 -12.34 19.95 | 69.88 -15.14 22.40 |
| NGRID_A2_DSASP 323793 | 50.37 -10.13 19.16 | 43.85 -8.99 17.59 | 43.21 -8.93 17.51 | 43.60 -9.30 17.80 | 39.40 -8.55 15.82 | 39.40 -7.63 13.52 | 63.97 -11.94 18.82 | 36.95 -9.80 16.96 | 32.70 -8.84 16.33 | 18.21 -4.82 12.06 | 25.21 -6.57 13.92 | 20.57 -5.89 14.74 | 25.64 -6.23 11.69 | 34.01 -8.24 15.88 | 44.87 -10.24 16.77 | 30.02 -7.22 11.56 | 60.18 -14.61 20.41 | 90.81 -21.04 23.16 | 76.91 -18.65 22.12 | 48.96 -11.89 13.16 | 67.15 -17.06 22.08 | 57.70 -14.41 21.15 | 61.54 -12.34 19.95 | 69.88 -15.14 22.40 |
| NGRID_A4_DSASP 323807 | 50.37 -10.13 19.16 | 43.85 -8.99 17.59 | 43.21 -8.93 17.51 | 43.60 -9.30 17.80 | 39.40 -8.55 15.82 | 39.40 -7.63 13.52 | 63.97 -11.94 18.82 | 36.95 -9.80 16.96 | 32.70 -8.84 16.33 | 18.21 -4.82 12.06 | 25.21 -6.57 13.92 | 20.57 -5.89 14.74 | 25.64 -6.23 11.69 | 34.01 -8.24 15.88 | 44.87 -10.24 16.77 | 30.02 -7.22 11.56 | 60.18 -14.61 20.41 | 90.81 -21.04 23.16 | 76.91 -18.65 22.12 | 48.96 -11.89 13.16 | 67.15 -17.06 22.08 | 57.70 -14.41 21.15 | 61.54 -12.34 19.95 | 69.88 -15.14 22.40 |
| NIAGARA_115E_LBMP 323715 | 51.32 -9.79 18.54 | 44.12 -8.70 17.62 | 44.15 -8.68 16.82 | 44.74 -9.02 16.93 | 40.42 -8.30 15.05 | 39.89 -7.40 13.27 | 65.16 -11.57 17.98 | 37.71 -9.25 16.76 | 33.32 -8.30 16.25 | 18.50 -4.59 12.01 | 24.91 -6.64 14.14 | 20.23 -5.97 15.00 | 25.55 -6.27 11.75 | 34.52 -7.82 15.79 | 45.46 -9.59 16.83 | 30.19 -6.82 11.79 | 61.02 -13.77 20.41 | 91.90 -20.07 23.04 | 77.76 -17.89 22.02 | 49.49 -11.38 13.13 | 67.76 -16.32 22.21 | 58.36 -13.63 21.26 | 62.81 -11.88 19.14 | 71.39 -14.72 21.30 |
| NIAGARA_115W_LBMP 323714 | 50.40 -10.21 19.04 | 43.89 -9.07 17.48 | 43.23 -9.02 17.40 | 43.63 -9.38 17.69 | 39.43 -8.62 15.72 | 39.41 -7.70 13.44 | 63.98 -12.04 18.70 | 36.97 -9.90 16.86 | 32.70 -8.94 16.22 | 18.22 -4.88 11.99 | 25.23 -6.63 13.84 | 20.59 -5.95 14.66 | 25.66 -6.28 11.62 | 33.99 -8.34 15.79 | 44.83 -10.37 16.67 | 30.02 -7.31 11.47 | 60.12 -14.80 20.28 | 90.75 -21.26 23.01 | 76.85 -18.85 21.98 | 48.94 -12.01 13.05 | 67.10 -17.25 21.94 | 57.66 -14.58 21.02 | 61.57 -12.43 19.83 | 69.91 -15.24 22.26 |
| NIAGARA_230_LBMP 323716 | 51.74 -9.76 18.14 | 45.21 -8.67 16.56 | 44.39 -8.65 16.61 | 44.80 -8.98 16.91 | 40.48 -8.25 15.03 | 40.39 -7.39 12.78 | 65.30 -11.55 17.87 | 38.54 -9.18 16.01 | 34.29 -8.20 15.39 | 19.15 -4.56 11.38 | 26.23 -6.30 13.17 | 21.61 -5.63 13.95 | 26.61 -5.94 11.02 | 35.40 -7.65 15.07 | 46.59 -9.43 15.86 | 31.36 -6.66 10.78 | 62.42 -13.53 19.24 | 93.82 -19.50 21.70 | 79.57 -17.33 20.78 | 50.87 -11.01 12.13 | 69.75 -15.77 20.77 | 59.96 -13.33 19.97 | 63.08 -11.82 18.94 | 71.60 -14.53 21.28 |
| NIAGARA__115KV_198_GIBSON 55903 | 50.18 -10.43 19.04 | 43.73 -9.22 17.48 | 43.09 -9.16 17.40 | 43.48 -9.53 17.69 | 39.31 -8.73 15.72 | 39.36 -7.76 13.44 | 63.86 -12.16 18.70 | 36.81 -9.04 16.86 | 32.60 -9.04 16.22 | 18.22 -4.88 11.99 | 25.17 -6.69 13.84 | 20.52 -6.03 14.66 | 25.62 -6.32 11.62 | 34.06 -8.28 15.79 | 44.77 -10.44 16.67 | 29.92 -7.40 11.47 | 59.97 -14.95 20.28 | 90.74 -21.27 23.01 | 77.03 -18.67 21.98 | 49.06 -11.90 13.05 | 67.07 -17.28 21.94 | 57.57 -14.66 21.02 | 61.48 -12.52 19.83 | 69.81 -15.35 22.26 |
| NIAGARA____ 23760 | 51.61 -9.76 18.27 | 45.01 -8.67 16.76 | 44.30 -8.65 16.71 | 44.72 -8.98 16.99 | 40.41 -8.25 15.10 | 40.27 -7.39 12.89 | 65.20 -11.55 17.96 | 38.32 -9.18 16.23 | 34.03 -8.20 15.64 | 19.00 -4.56 11.54 | 25.98 -6.30 13.41 | 21.35 -5.63 14.22 | 26.41 -5.94 11.21 | 35.20 -7.65 15.28 | 46.33 -9.43 16.12 | 31.11 -6.66 11.04 | 62.07 -13.53 19.59 | 93.40 -19.50 22.12 | 79.18 -17.33 21.17 | 50.56 -11.01 12.45 | 69.31 -15.77 21.21 | 59.59 -13.33 20.33 | 62.97 -11.82 19.04 | 71.50 -14.53 21.39 |
| NINE_MILE_1 23575 | 76.11 -3.54 0.00 | 67.33 -3.11 0.00 | 66.60 -3.06 0.00 | 67.58 -3.11 0.00 | 60.96 -2.81 0.00 | 57.86 -2.70 0.00 | 90.64 -4.08 0.00 | 60.88 -2.84 0.00 | 55.38 -2.49 0.00 | 33.72 -1.37 0.00 | 43.89 -1.85 -0.05 | 39.59 -1.60 0.00 | 41.82 -1.74 0.00 | 55.73 -2.39 0.00 | 68.86 -3.02 0.00 | 48.61 -1.98 -1.79 | 91.24 -3.96 0.00 | 129.46 -5.56 0.00 | 112.84 -4.84 0.00 | 72.41 -3.05 -1.46 | 101.81 -4.48 0.00 | 89.31 -3.95 0.00 | 89.90 -3.93 0.00 | 102.73 -4.69 0.00 |
| NINE_MILE_2 23744 | 76.12 -3.53 0.00 | 67.33 -3.11 0.00 | 66.60 -3.06 0.00 | 67.58 -3.11 0.00 | 60.96 -2.81 0.00 | 57.86 -2.70 0.00 | 90.64 -4.08 0.00 | 60.89 -2.83 0.00 | 55.39 -2.48 0.00 | 33.72 -1.37 0.00 | 43.89 -1.85 -0.05 | 39.60 -1.60 0.00 | 41.82 -1.74 0.00 | 55.73 -2.39 0.00 | 68.86 -3.02 0.00 | 48.61 -1.98 -1.79 | 91.24 -3.96 0.00 | 129.47 -5.55 0.00 | 112.84 -4.84 0.00 | 72.41 -3.05 -1.45 | 101.81 -4.48 0.00 | 89.31 -3.94 0.00 | 89.90 -3.93 0.00 | 102.73 -4.69 0.00 |
| NM_CAPITAL__DRP 24208 | 82.59 2.94 0.00 | 73.27 2.83 0.00 | 72.58 2.92 0.00 | 73.70 3.01 0.00 | 66.62 2.85 0.00 | 63.16 2.61 0.00 | 98.49 3.77 0.00 | 66.28 2.56 0.00 | 60.27 2.40 0.00 | 36.53 1.43 0.00 | 48.78 2.10 -0.99 | 42.73 1.72 0.18 | 45.33 1.77 0.00 | 60.55 2.43 0.00 | 74.72 2.85 0.00 | 87.57 2.24 -36.53 | 120.15 4.24 -20.71 | 234.94 6.08 -93.84 | 180.50 5.26 -57.57 | 171.38 3.42 -93.94 | 126.14 4.82 -15.04 | 97.37 4.12 0.00 | 97.94 4.11 0.00 | 112.36 4.94 0.00 |

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| NM_CENTRAL___DRP 24181 | 77.48 -2.16 0.00 | 68.55 -1.88 0.00 | 67.82 -1.83 0.00 | 68.83 -1.86 0.00 | 62.07 -1.70 0.00 | 58.89 -1.67 0.00 | 92.34 -2.38 0.00 | 62.02 -1.70 0.00 | 56.49 -1.38 0.00 | 34.42 -0.67 0.00 | 44.81 -0.95 -0.07 | 40.42 -0.77 0.00 | 42.66 -0.90 0.00 | 56.90 -1.22 0.00 | 70.25 -1.63 0.00 | 50.35 -1.01 -2.56 | 93.15 -2.05 0.00 | 132.15 -2.87 0.00 | 115.20 -2.48 0.00 | 74.56 -1.53 -2.08 | 103.86 -2.43 0.00 | 91.05 -2.21 0.00 | 91.67 -2.16 0.00 | 104.66 -2.76 0.00 |
| NM_FRONTIER___DRP 24179 | 50.18 -10.43 19.04 | 43.73 -9.22 17.48 | 43.09 -9.16 17.40 | 43.48 -9.53 17.69 | 39.31 -8.73 15.72 | 39.36 -7.76 13.44 | 63.86 -12.16 18.70 | 36.81 -10.06 16.86 | 32.60 -9.04 16.22 | 18.22 -4.88 11.99 | 25.17 -6.69 13.84 | 20.52 -6.03 14.66 | 25.62 -6.32 11.62 | 34.06 -8.28 15.79 | 44.77 -10.44 16.67 | 29.92 -7.40 11.47 | 59.97 -14.95 20.28 | 90.74 -21.27 23.01 | 77.03 -18.67 21.98 | 49.06 -11.90 13.05 | 67.07 -17.28 21.94 | 57.57 -14.66 21.02 | 61.48 -12.52 19.83 | 69.81 -15.35 22.26 |
| NM_ST_REGIS___HYD 24053 | 78.74 -0.91 0.00 | 69.23 -1.20 0.00 | 68.16 -1.50 0.00 | 68.98 -1.71 0.00 | 62.24 -1.53 0.00 | 59.51 -1.05 0.00 | 93.27 -1.45 0.00 | 62.72 -1.00 0.00 | 56.59 -1.28 0.00 | 33.95 -1.15 0.00 | 44.09 -1.60 0.00 | 39.74 -1.46 0.00 | 42.11 -1.45 0.00 | 56.39 -1.73 0.00 | 70.14 -1.74 0.00 | 47.44 -1.36 0.00 | 93.35 -1.85 0.00 | 132.61 -2.41 0.00 | 115.41 -2.26 0.00 | 72.38 -1.63 0.00 | 104.01 -2.28 0.00 | 91.46 -1.80 0.00 | 91.70 -2.14 0.00 | 104.97 -2.44 0.00 |
| NORTHPORT___1 23551 | 86.59 6.94 0.00 | 79.62 6.56 -2.63 | 76.13 6.47 0.00 | 77.30 6.60 0.00 | 69.70 5.93 0.00 | 67.14 5.65 -0.93 | 108.64 8.87 -5.06 | 69.99 6.26 0.00 | 63.88 6.01 0.00 | 38.77 3.68 0.00 | 51.62 5.14 -0.79 | 50.22 4.73 -4.29 | 48.32 4.76 0.00 | 64.18 6.06 0.00 | 79.44 7.56 0.00 | 81.95 5.34 -27.81 | 112.17 9.94 -7.03 | 180.28 14.20 -31.06 | 154.82 13.08 -24.06 | 137.71 8.53 -55.18 | 124.20 12.22 -5.69 | 103.39 10.13 0.00 | 104.52 10.69 0.00 | 119.11 11.70 0.00 |
| NORTHPORT___2 23552 | 86.59 6.94 0.00 | 79.62 6.56 -2.63 | 76.13 6.47 0.00 | 77.30 6.60 0.00 | 69.70 5.93 0.00 | 67.14 5.65 -0.93 | 108.64 8.87 -5.06 | 69.99 6.26 0.00 | 63.88 6.01 0.00 | 38.77 3.68 0.00 | 51.62 5.14 -0.79 | 50.22 4.73 -4.29 | 48.32 4.76 0.00 | 64.18 6.06 0.00 | 79.44 7.56 0.00 | 81.95 5.34 -27.81 | 112.17 9.94 -7.03 | 180.28 14.20 -31.06 | 154.82 13.08 -24.06 | 137.71 8.53 -55.18 | 124.20 12.22 -5.69 | 103.39 10.13 0.00 | 104.52 10.69 0.00 | 119.11 11.70 0.00 |
| NORTHPORT___3 23553 | 85.70 6.05 0.00 | 78.79 5.72 -2.63 | 75.32 5.67 0.00 | 76.46 5.76 0.00 | 68.94 5.17 0.00 | 66.41 4.92 -0.93 | 107.44 7.67 -5.06 | 69.23 5.51 0.00 | 63.19 5.32 0.00 | 38.40 3.31 0.00 | 51.18 4.70 -0.79 | 49.78 4.30 -4.29 | 47.91 4.35 0.00 | 63.69 5.56 0.00 | 78.65 6.77 0.00 | 81.48 4.87 -27.81 | 111.21 8.98 -7.03 | 178.73 12.65 -31.06 | 153.51 11.77 -24.06 | 136.99 7.81 -55.18 | 123.14 11.16 -5.69 | 102.45 9.20 0.00 | 103.34 9.50 0.00 | 117.78 10.37 0.00 |
| NORTHPORT___4 23650 | 85.70 6.05 0.00 | 78.79 5.72 -2.63 | 75.32 5.67 0.00 | 76.46 5.76 0.00 | 68.94 5.17 0.00 | 66.41 4.92 -0.93 | 107.44 7.67 -5.06 | 69.23 5.51 0.00 | 63.19 5.32 0.00 | 38.40 3.31 0.00 | 51.18 4.70 -0.79 | 49.78 4.30 -4.29 | 47.91 4.35 0.00 | 63.69 5.56 0.00 | 78.65 6.77 0.00 | 81.48 4.87 -27.81 | 111.21 8.98 -7.03 | 178.73 12.65 -31.06 | 153.51 11.77 -24.06 | 136.99 7.81 -55.18 | 123.14 11.16 -5.69 | 102.45 9.20 0.00 | 103.34 9.50 0.00 | 117.78 10.37 0.00 |
| NORTHPORT___IC 23718 | 86.61 6.96 0.00 | 79.64 6.57 -2.63 | 76.13 6.48 0.00 | 77.30 6.60 0.00 | 69.68 5.92 0.00 | 67.14 5.65 -0.93 | 108.68 8.91 -5.06 | 70.00 6.28 0.00 | 63.89 6.02 0.00 | 38.77 3.67 0.00 | 51.63 5.14 -0.79 | 50.22 4.74 -4.29 | 48.32 4.76 0.00 | 64.19 6.07 0.00 | 79.45 7.58 0.00 | 81.95 5.34 -27.81 | 112.17 9.93 -7.03 | 180.28 14.20 -31.06 | 154.80 13.06 -24.06 | 137.71 8.53 -55.18 | 124.20 12.21 -5.69 | 103.42 10.17 0.00 | 104.53 10.70 0.00 | 119.09 11.67 0.00 |
| NORTH___COUNTRY_ESR 323785 | 79.53 -0.11 0.00 | 69.87 -0.57 0.00 | 68.48 -1.17 0.00 | 69.13 -1.56 0.00 | 62.32 -1.45 0.00 | 59.78 -0.77 0.00 | 93.26 -1.46 0.00 | 62.58 -1.13 0.00 | 56.57 -1.29 0.00 | 33.96 -1.13 0.00 | 44.15 -1.54 0.00 | 39.84 -1.36 0.00 | 42.31 -1.25 0.00 | 57.00 -1.13 0.00 | 70.80 -1.08 0.00 | 47.96 -0.84 0.00 | 94.57 -0.63 0.00 | 134.32 -0.70 0.00 | 116.97 -0.71 0.00 | 73.37 -0.64 0.00 | 105.37 -0.92 0.00 | 92.37 -0.89 0.00 | 92.74 -1.09 0.00 | 106.36 -1.06 0.00 |
| NPX_GEN_1385_PROXY 323591 | 87.93 8.28 0.00 | 81.60 8.53 -2.63 | 78.08 8.42 0.00 | 79.27 8.58 0.00 | 71.47 7.70 0.00 | 74.73 7.33 -6.84 | 111.30 11.53 -5.06 | 125.39 8.02 -53.66 | 65.45 7.58 0.00 | 39.27 4.18 0.00 | 52.18 5.70 -0.79 | 50.79 5.30 -4.29 | 48.60 5.04 0.00 | 64.06 5.94 0.00 | 80.41 8.54 0.00 | 81.95 5.34 -27.81 | 112.23 9.99 -7.03 | 181.68 15.60 -31.06 | 156.66 14.92 -24.06 | 138.52 9.34 -55.18 | 125.28 13.30 -5.69 | 103.98 10.72 0.00 | 107.09 13.26 0.00 | 122.09 14.67 0.00 |
| NPX_GEN_CSC 323557 | 87.56 7.91 0.00 | 80.32 7.25 -2.63 | 76.77 7.11 0.00 | 77.96 7.27 0.00 | 70.25 6.48 0.00 | 67.74 6.25 -0.93 | 109.74 9.97 -5.06 | 70.78 7.06 0.00 | 64.59 6.72 0.00 | 39.23 4.13 0.00 | 52.08 5.59 -0.79 | 50.65 5.17 -4.29 | 48.80 5.23 0.00 | 64.86 6.73 0.00 | 80.20 8.33 0.00 | 82.82 6.20 -27.81 | 114.06 11.83 -7.03 | 182.85 16.78 -31.06 | 157.24 15.50 -24.06 | 139.06 9.88 -55.18 | 126.23 14.25 -5.69 | 105.00 11.75 0.00 | 105.78 11.95 0.00 | 120.30 12.88 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 84.55 4.91 0.00 | 75.23 4.80 0.00 | 74.45 4.80 0.00 | 75.54 4.84 0.00 | 68.21 4.44 0.00 | 64.76 4.21 0.00 | 101.61 6.89 0.00 | 68.23 4.51 0.00 | 62.22 4.35 0.00 | 37.55 2.45 0.00 | 50.03 3.33 -1.01 | 43.79 2.76 0.16 | 46.65 3.09 0.00 | 62.41 4.28 0.00 | 77.33 5.45 0.00 | 90.61 4.30 -37.51 | 134.11 8.58 -30.33 | 292.52 12.25 -145.25 | 215.09 10.71 -86.69 | 205.67 6.72 -124.95 | 137.62 9.29 -22.04 | 101.15 7.89 0.00 | 101.54 7.71 0.00 | 116.07 8.66 0.00 |
| NUCOR_STEEL___DRP 24197 | 78.51 -1.13 0.00 | 69.45 -0.99 0.00 | 68.75 -0.91 0.00 | 69.72 -0.97 0.00 | 62.87 -0.90 0.00 | 59.64 -0.92 0.00 | 93.62 -1.10 0.00 | 62.62 -1.10 0.00 | 57.30 -0.57 0.00 | 34.70 -0.14 0.25 | 43.83 -0.45 1.42 | 39.13 -0.38 1.69 | 42.81 -0.53 0.22 | 56.12 -0.48 1.53 | 70.06 -0.66 1.16 | 49.99 -0.29 -1.48 | 93.02 -1.08 1.10 | 134.27 -0.85 -0.10 | 116.37 -0.69 0.62 | 75.70 -0.73 -2.42 | 104.74 -1.00 0.56 | 91.17 -1.02 1.07 | 92.97 -0.86 0.00 | 106.09 -1.33 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 79.17 -0.48 0.00 | 69.55 -0.89 0.00 | 69.30 -0.36 0.00 | 70.24 -0.45 0.00 | 63.18 -0.59 0.00 | 59.97 -0.58 0.00 | 95.44 0.72 0.00 | 64.09 0.37 0.00 | 57.50 -0.36 0.00 | 34.26 -0.84 0.00 | 44.67 -1.06 -0.03 | 40.19 -1.01 0.00 | 42.24 -1.32 0.00 | 56.49 -1.63 0.00 | 69.87 -2.01 0.00 | 48.33 -1.48 -1.01 | 92.98 -2.22 0.00 | 131.75 -3.28 0.00 | 114.78 -2.90 0.00 | 72.91 -1.91 -0.81 | 103.44 -2.85 0.00 | 92.54 -0.72 0.00 | 91.69 -2.14 0.00 | 103.94 -3.48 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 79.65 0.00 0.00 | 70.44 0.00 0.00 | 69.66 0.00 0.00 | 70.69 0.00 0.00 | 63.77 0.00 0.00 | 60.56 0.00 0.00 | 94.72 0.00 0.00 | 63.72 0.00 0.00 | 57.87 0.00 0.00 | 35.10 0.00 0.00 | 45.69 0.00 0.00 | 41.20 0.00 0.00 | 43.56 0.00 0.00 | 58.12 0.00 0.00 | 71.88 0.00 0.00 | 48.80 0.00 0.00 | 95.20 0.00 0.00 | 135.02 0.00 0.00 | 117.68 0.00 0.00 | 74.01 0.00 0.00 | 106.29 0.00 0.00 | 93.26 0.00 0.00 | 93.83 0.00 0.00 | 107.41 0.00 0.00 |

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| NYPA_BRENTWD____GT 24164 | 87.28 7.63 0.00 | 80.15 7.08 -2.63 | 76.65 6.99 0.00 | 77.79 7.10 0.00 | 70.13 6.36 0.00 | 67.57 6.08 -0.93 | 109.42 9.65 -5.06 | 70.52 6.80 0.00 | 64.36 6.49 0.00 | 39.09 4.00 0.00 | 52.03 5.54 -0.79 | 50.55 5.06 -4.29 | 48.69 5.13 0.00 | 64.73 6.60 0.00 | 80.05 8.17 0.00 | 82.52 5.91 -27.81 | 113.02 10.78 -7.03 | 181.07 15.00 -31.06 | 155.30 13.56 -24.06 | 138.09 8.91 -55.18 | 124.85 12.87 -5.69 | 104.00 10.74 0.00 | 105.09 11.26 0.00 | 119.69 12.28 0.00 |
| NYPA_GOWANUS____GT5 24156 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NYPA_GOWANUS____GT6 24157 | 84.86 5.21 0.00 | 75.10 4.66 0.00 | 74.31 4.65 0.00 | 75.56 4.86 0.00 | 68.11 4.34 0.00 | 64.61 4.06 0.00 | 101.43 6.71 0.00 | 68.88 5.00 -0.16 | 64.58 4.87 -1.84 | 59.58 3.17 -21.32 | 61.47 4.61 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.03 5.58 -8.33 | 78.39 6.30 -0.21 | 145.92 4.62 -92.49 | 159.89 9.12 -55.57 | 333.30 13.38 -184.90 | 371.61 11.75 -242.19 | 426.84 7.62 -345.22 | 205.27 10.43 -88.54 | 167.58 8.71 -65.61 | 125.78 8.66 -23.29 | 117.32 9.90 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 84.38 4.73 0.00 | 74.70 4.26 0.00 | 74.00 4.34 0.00 | 75.09 4.39 0.00 | 67.46 3.71 0.02 | 64.03 3.49 0.01 | 100.55 5.83 0.00 | 68.08 4.36 0.00 | 62.16 4.29 0.00 | 37.92 2.82 0.00 | 50.71 4.22 -0.79 | 49.31 3.81 -4.30 | 47.47 3.90 -0.01 | 63.18 5.05 0.00 | 77.57 5.69 0.00 | 80.66 4.05 -27.81 | 110.31 8.07 -7.03 | 178.02 11.95 -31.05 | 152.35 10.62 -24.06 | 136.07 6.90 -55.16 | 121.37 9.39 -5.69 | 101.09 7.83 0.00 | 101.59 7.75 0.00 | 116.37 8.96 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 84.38 4.73 0.00 | 74.70 4.26 0.00 | 74.00 4.34 0.00 | 75.09 4.39 0.00 | 67.46 3.71 0.02 | 64.03 3.49 0.01 | 100.55 5.83 0.00 | 68.08 4.36 0.00 | 62.16 4.29 0.00 | 37.92 2.82 0.00 | 50.71 4.22 -0.79 | 49.31 3.81 -4.30 | 47.47 3.90 -0.01 | 63.18 5.05 0.00 | 77.57 5.69 0.00 | 80.66 4.05 -27.81 | 110.31 8.07 -7.03 | 178.02 11.95 -31.05 | 152.35 10.62 -24.06 | 136.07 6.90 -55.16 | 121.37 9.39 -5.69 | 101.09 7.83 0.00 | 101.59 7.75 0.00 | 116.37 8.96 0.00 |
| NYPA_KENT____GT 24152 | 84.72 5.07 0.00 | 74.99 4.55 0.00 | 74.22 4.57 0.00 | 75.44 4.74 0.00 | 67.98 4.22 0.00 | 64.49 3.93 0.00 | 101.17 6.46 0.00 | 68.63 4.82 -0.10 | 63.71 4.72 -1.12 | 51.08 3.07 -12.91 | 57.29 4.52 -7.07 | 62.15 4.12 -16.84 | 61.47 4.30 -13.60 | 68.64 5.47 -5.05 | 78.16 6.16 -0.13 | 120.27 4.47 -66.99 | 140.43 8.80 -36.43 | 272.16 12.89 -124.25 | 285.19 11.33 -156.19 | 312.22 7.35 -230.87 | 172.26 10.09 -55.88 | 141.43 8.42 -39.74 | 116.30 8.36 -14.11 | 116.93 9.52 0.00 |
| NYPA_POUCH1____GT 24155 | 84.62 4.98 0.00 | 74.89 4.46 0.00 | 74.10 4.45 0.00 | 75.36 4.66 0.00 | 67.99 4.23 0.00 | 64.49 3.93 0.00 | 101.24 6.52 0.00 | 68.82 4.94 -0.16 | 64.50 4.79 -1.84 | 59.52 3.11 -21.32 | 61.34 4.49 -11.16 | 70.27 4.08 -25.00 | 70.27 4.25 -22.45 | 71.83 5.38 -8.33 | 78.10 6.01 -0.21 | 145.77 4.47 -92.49 | 159.69 8.92 -55.57 | 333.04 13.12 -184.90 | 371.38 11.51 -242.19 | 426.70 7.48 -345.22 | 205.05 10.22 -88.54 | 167.39 8.52 -65.61 | 125.58 8.46 -23.29 | 117.15 9.74 0.00 |
| NYPA_VERNON____GT2 24162 | 84.64 4.99 0.00 | 74.92 4.48 0.00 | 74.14 4.49 0.00 | 75.34 4.65 0.00 | 67.86 4.09 0.00 | 64.36 3.80 0.00 | 100.97 6.25 0.00 | 68.38 4.63 -0.03 | 62.82 4.57 -0.39 | 42.58 2.97 -4.51 | 53.10 4.42 -2.99 | 53.91 4.04 -8.68 | 52.51 4.20 -4.75 | 65.24 5.35 -1.76 | 77.95 6.03 -0.04 | 94.66 4.37 -41.49 | 121.07 8.57 -17.30 | 211.19 12.57 -63.59 | 198.90 11.03 -70.19 | 197.68 7.16 -116.52 | 139.33 9.83 -23.21 | 115.37 8.23 -13.88 | 106.88 8.12 -4.93 | 116.68 9.27 0.00 |
| NYPA_VERNON____GT3 24163 | 84.64 4.99 0.00 | 74.92 4.48 0.00 | 74.14 4.49 0.00 | 75.34 4.65 0.00 | 67.86 4.09 0.00 | 64.36 3.80 0.00 | 100.97 6.25 0.00 | 68.38 4.63 -0.03 | 62.82 4.57 -0.39 | 42.58 2.97 -4.51 | 53.10 4.42 -2.99 | 53.91 4.04 -8.68 | 52.51 4.20 -4.75 | 65.24 5.35 -1.76 | 77.95 6.03 -0.04 | 94.66 4.37 -41.49 | 121.07 8.57 -17.30 | 211.19 12.57 -63.59 | 198.90 11.03 -70.19 | 197.68 7.16 -116.52 | 139.33 9.83 -23.21 | 115.37 8.23 -13.88 | 106.88 8.12 -4.93 | 116.68 9.27 0.00 |
| NYPA__ASTORIA_CC1 323568 | 84.54 4.89 0.00 | 74.82 4.39 0.00 | 74.05 4.39 0.00 | 75.25 4.55 0.00 | 67.74 3.97 0.00 | 64.24 3.68 0.00 | 100.80 6.08 0.00 | 68.23 4.51 0.00 | 62.32 4.45 0.00 | 38.01 2.91 0.00 | 50.84 4.35 -0.79 | 49.48 3.98 -4.30 | 47.71 4.14 -0.01 | 63.39 5.26 0.00 | 77.80 5.93 0.00 | 80.90 4.30 -27.81 | 110.69 8.46 -7.03 | 178.45 12.37 -31.05 | 152.59 10.85 -24.06 | 136.22 7.05 -55.16 | 121.65 9.67 -5.69 | 101.33 8.08 0.00 | 101.81 7.98 0.00 | 116.51 9.10 0.00 |
| NYPA__ASTORIA_CC2 323569 | 84.54 4.89 0.00 | 74.82 4.39 0.00 | 74.05 4.39 0.00 | 75.25 4.55 0.00 | 67.74 3.97 0.00 | 64.24 3.68 0.00 | 100.80 6.08 0.00 | 68.23 4.51 0.00 | 62.32 4.45 0.00 | 38.01 2.91 0.00 | 50.84 4.35 -0.79 | 49.48 3.98 -4.30 | 47.71 4.14 -0.01 | 63.39 5.26 0.00 | 77.80 5.93 0.00 | 80.90 4.30 -27.81 | 110.69 8.46 -7.03 | 178.45 12.37 -31.05 | 152.59 10.85 -24.06 | 136.22 7.05 -55.16 | 121.65 9.67 -5.69 | 101.33 8.08 0.00 | 101.81 7.98 0.00 | 116.51 9.10 0.00 |
| NYPA__HOLTSVILL 23794 | 86.84 7.19 0.00 | 79.77 6.70 -2.63 | 76.26 6.61 0.00 | 77.42 6.73 0.00 | 69.79 6.02 0.00 | 67.25 5.76 -0.93 | 108.91 9.14 -5.06 | 70.19 6.47 0.00 | 64.06 6.20 0.00 | 38.93 3.84 0.00 | 51.77 5.29 -0.79 | 50.34 4.86 -4.29 | 48.49 4.93 0.00 | 64.44 6.32 0.00 | 79.66 7.78 0.00 | 82.28 5.67 -27.81 | 112.90 10.66 -7.03 | 181.34 15.27 -31.06 | 155.76 14.02 -24.06 | 138.24 9.06 -55.18 | 124.90 12.91 -5.69 | 103.95 10.70 0.00 | 104.83 11.00 0.00 | 119.37 11.96 0.00 |
| NYPA__HELLGATE_GT1 24158 | 84.38 4.73 0.00 | 74.70 4.26 0.00 | 74.00 4.34 0.00 | 75.09 4.39 0.00 | 67.48 3.71 0.00 | 64.04 3.49 0.00 | 100.55 5.83 0.00 | 68.08 4.36 0.00 | 62.16 4.29 0.00 | 37.92 2.82 0.00 | 50.71 4.22 -0.79 | 49.31 3.81 -4.30 | 47.47 3.90 -0.01 | 63.18 5.05 0.00 | 77.57 5.69 0.00 | 80.66 4.05 -27.81 | 110.31 8.07 -7.03 | 178.02 11.95 -31.05 | 152.35 10.62 -24.06 | 136.09 6.91 -55.16 | 121.43 9.45 -5.69 | 101.09 7.83 0.00 | 101.59 7.75 0.00 | 116.37 8.96 0.00 |
| NYPA__HELLGATE_GT2 24159 | 84.38 4.73 0.00 | 74.70 4.26 0.00 | 74.00 4.34 0.00 | 75.09 4.39 0.00 | 67.48 3.71 0.00 | 64.04 3.49 0.00 | 100.55 5.83 0.00 | 68.08 4.36 0.00 | 62.16 4.29 0.00 | 37.92 2.82 0.00 | 50.71 4.22 -0.79 | 49.31 3.81 -4.30 | 47.47 3.90 -0.01 | 63.18 5.05 0.00 | 77.57 5.69 0.00 | 80.66 4.05 -27.81 | 110.31 8.07 -7.03 | 178.02 11.95 -31.05 | 152.35 10.62 -24.06 | 136.09 6.91 -55.16 | 121.43 9.45 -5.69 | 101.09 7.83 0.00 | 101.59 7.75 0.00 | 116.37 8.96 0.00 |
| NYS_BARGE__HYD 23848 | 53.70 -8.61 17.33 | 46.57 -7.65 16.21 | 46.21 -7.67 15.78 | 46.76 -7.98 15.95 | 42.24 -7.34 14.18 | 41.69 -6.54 12.33 | 67.65 -10.17 16.91 | 39.97 -8.23 15.52 | 35.56 -7.31 15.00 | 19.91 -3.99 11.20 | 26.30 -5.76 13.63 | 21.47 -5.20 14.53 | 27.19 -5.48 10.90 | 36.02 -6.81 15.29 | 47.49 -8.37 16.01 | 31.36 -5.96 11.48 | 63.92 -12.03 19.25 | 96.45 -17.41 21.16 | 81.57 -15.54 20.57 | 52.05 -9.90 12.05 | 71.40 -14.26 20.63 | 61.22 -12.00 20.03 | 65.36 -10.50 17.97 | 74.01 -13.33 20.07 |

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| OAK ORCHARD___HYD 24046 | 74.49 -5.18 -0.03 | 65.81 -4.63 0.00 | 65.06 -4.63 -0.03 | 65.90 -4.83 -0.04 | 59.36 -4.44 -0.04 | 56.62 -3.95 -0.01 | 88.74 -6.02 -0.04 | 58.97 -4.76 -0.01 | 53.74 -4.13 0.00 | 31.85 -2.20 1.04 | 36.35 -3.08 6.26 | 31.11 -2.70 7.39 | 39.79 -2.85 0.92 | 48.08 -3.63 6.41 | 62.50 -4.53 4.85 | 40.66 -3.15 4.99 | 84.18 -6.40 4.62 | 125.75 -9.06 0.22 | 106.34 -8.10 3.24 | 68.81 -5.24 -0.04 | 96.24 -7.66 2.39 | 82.17 -6.59 4.50 | 87.98 -5.89 -0.04 | 99.89 -7.57 -0.05 |
| OAKDALE___35_KV_LOAD 356122 | 78.37 -1.27 0.00 | 69.38 -1.06 0.00 | 68.65 -1.00 0.00 | 69.72 -0.98 0.00 | 62.82 -0.95 0.00 | 59.49 -1.06 0.00 | 93.37 -1.35 0.00 | 62.55 -1.17 0.00 | 57.11 -0.76 0.00 | 35.82 -0.25 -0.97 | 51.43 -0.40 -6.14 | 48.14 -0.27 -7.21 | 43.98 -0.44 -0.85 | 63.63 -0.45 -5.96 | 75.57 -0.81 -4.50 | 65.51 -0.48 -17.19 | 101.07 -1.13 -7.01 | 144.41 -1.50 -10.89 | 127.19 -1.15 -10.66 | 93.22 -0.62 -19.83 | 109.38 -1.16 -4.25 | 96.26 -1.17 -4.17 | 92.80 -1.03 0.00 | 106.04 -1.38 0.00 |
| OCC_CHEM___DRP 24175 | 50.16 -10.33 19.16 | 43.70 -9.14 17.59 | 43.07 -9.08 17.51 | 43.46 -9.43 17.80 | 39.28 -8.67 15.82 | 39.34 -7.69 13.52 | 63.85 -12.05 18.82 | 36.80 -9.95 16.96 | 32.59 -8.95 16.33 | 18.19 -4.84 12.06 | 25.16 -6.62 13.92 | 20.47 -5.98 14.74 | 25.60 -6.26 11.69 | 34.06 -8.19 15.88 | 44.79 -10.32 16.77 | 29.94 -7.30 11.56 | 60.00 -14.79 20.41 | 90.79 -21.07 23.16 | 77.07 -18.48 22.12 | 49.07 -11.78 13.16 | 67.13 -17.08 22.08 | 57.59 -14.52 21.15 | 61.45 -12.42 19.95 | 69.78 -15.24 22.40 |
| OH_GEN_PROXY 24063 | 53.85 -9.52 16.27 | 47.13 -8.45 14.86 | 46.32 -8.44 14.89 | 46.77 -8.76 15.16 | 42.24 -8.05 13.47 | 41.88 -7.22 11.46 | 67.40 -11.30 16.02 | 40.40 -8.95 14.36 | 36.10 -7.97 13.81 | 20.43 -4.43 10.23 | 27.67 -6.11 11.91 | 23.10 -5.46 12.64 | 27.91 -5.75 9.90 | 37.08 -7.41 13.64 | 48.41 -9.15 14.31 | 6.18 -6.46 36.16 | 64.83 -13.15 17.22 | 96.93 -18.96 19.13 | 82.48 -16.80 18.40 | 53.17 -10.69 10.15 | 72.40 -15.30 18.59 | 62.31 -12.95 18.00 | 65.32 -11.53 16.98 | 74.17 -14.17 19.08 |
| OLIN_CORP_DRP 24177 | 50.67 -9.98 19.00 | 43.68 -8.82 17.94 | 43.60 -8.79 17.26 | 44.12 -9.16 17.41 | 39.87 -8.41 15.48 | 39.57 -7.42 13.56 | 64.60 -11.65 18.47 | 37.18 -9.42 17.11 | 32.83 -8.47 16.57 | 18.13 -4.73 12.23 | 24.78 -6.62 14.29 | 20.06 -5.99 15.15 | 25.36 -6.25 11.94 | 34.30 -7.80 16.03 | 45.07 -9.73 17.08 | 30.05 -6.82 11.92 | 60.39 -14.07 20.75 | 91.42 -20.08 23.52 | 77.60 -17.64 22.44 | 49.28 -11.30 13.42 | 67.48 -16.23 22.58 | 57.92 -13.75 21.58 | 62.11 -12.07 19.65 | 70.70 -14.81 21.90 |
| OLIN_CORP_DSASP 323712 | 50.37 -10.13 19.16 | 43.85 -8.99 17.59 | 43.21 -8.93 17.51 | 43.60 -9.30 17.80 | 39.40 -8.55 15.82 | 39.40 -7.63 13.52 | 63.97 -11.94 18.82 | 36.95 -9.80 16.96 | 32.70 -8.84 16.33 | 18.21 -4.82 12.06 | 25.21 -6.57 13.92 | 20.57 -5.89 14.74 | 25.64 -6.23 11.69 | 34.01 -8.24 15.88 | 44.87 -10.24 16.77 | 30.02 -7.22 11.56 | 60.18 -14.61 20.41 | 90.81 -21.04 23.16 | 76.91 -18.65 22.12 | 48.96 -11.89 13.16 | 67.15 -17.06 22.08 | 57.70 -14.41 21.15 | 61.54 -12.34 19.95 | 69.88 -15.14 22.40 |
| ONEIDA_HERK_LFGE 323681 | 80.76 1.12 0.00 | 71.29 0.86 0.00 | 70.72 1.07 0.00 | 71.73 1.03 0.00 | 64.64 0.88 0.00 | 61.37 0.82 0.00 | 96.84 2.12 0.00 | 65.07 1.35 0.00 | 58.90 1.03 0.00 | 35.52 0.43 0.00 | 46.28 0.56 -0.02 | 41.68 0.48 0.00 | 43.95 0.39 0.00 | 58.73 0.61 0.00 | 72.58 0.71 0.00 | 50.16 0.49 -0.87 | 96.40 1.20 0.00 | 136.62 1.60 0.00 | 119.00 1.32 0.00 | 75.50 0.79 -0.70 | 107.28 0.99 0.00 | 94.75 1.49 0.00 | 94.68 0.85 0.00 | 107.83 0.41 0.00 |
| ONEIDA___115KV_TB4 55905 | 81.18 1.53 0.00 | 71.97 1.53 0.00 | 71.22 1.57 0.00 | 72.27 1.57 0.00 | 65.24 1.47 0.00 | 61.86 1.30 0.00 | 97.31 2.59 0.00 | 65.43 1.71 0.00 | 59.50 1.64 0.00 | 36.14 1.05 0.00 | 47.04 1.31 -0.05 | 42.40 1.21 0.00 | 44.75 1.19 0.00 | 59.76 1.64 0.00 | 73.80 1.92 0.00 | 51.82 1.36 -1.66 | 97.86 2.66 0.00 | 138.49 3.47 0.00 | 120.64 2.96 0.00 | 77.20 1.85 -1.34 | 108.68 2.39 0.00 | 95.37 2.12 0.00 | 95.72 1.89 0.00 | 109.21 1.80 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 78.12 -1.53 0.00 | 69.13 -1.31 0.00 | 68.38 -1.28 0.00 | 69.38 -1.31 0.00 | 62.57 -1.20 0.00 | 59.33 -1.23 0.00 | 93.09 -1.63 0.00 | 62.54 -1.19 0.00 | 56.99 -0.88 0.00 | 34.72 -0.37 0.00 | 45.23 -0.55 -0.09 | 40.87 -0.42 -0.09 | 43.02 -0.54 0.00 | 57.41 -0.72 0.00 | 70.85 -1.03 0.00 | 51.39 -0.58 -3.17 | 93.99 -1.21 0.00 | 133.56 -1.64 -0.18 | 116.47 -1.39 -0.18 | 76.03 -0.84 -2.86 | 104.84 -1.47 -0.02 | 91.86 -1.40 0.00 | 92.45 -1.38 0.00 | 105.54 -1.88 0.00 |
| ONONDAGA___COGEN 23986 | 78.05 -1.60 0.00 | 69.05 -1.39 0.00 | 68.30 -1.36 0.00 | 69.30 -1.39 0.00 | 62.52 -1.25 0.00 | 59.28 -1.28 0.00 | 92.98 -1.74 0.00 | 62.45 -1.27 0.00 | 56.92 -0.94 0.00 | 34.69 -0.41 0.00 | 45.15 -0.63 -0.08 | 40.79 -0.49 -0.08 | 42.96 -0.61 0.00 | 57.31 -0.82 0.00 | 70.76 -1.12 0.00 | 51.12 -0.63 -2.95 | 93.81 -1.39 0.00 | 133.38 -1.80 -0.17 | 116.30 -1.55 -0.17 | 75.67 -0.99 -2.66 | 104.68 -1.62 -0.02 | 91.71 -1.55 0.00 | 92.35 -1.48 0.00 | 105.43 -1.98 0.00 |
| ONTARIO___LFGE 23819 | 90.63 -3.31 -14.29 | 80.57 -2.99 -13.12 | 79.74 -2.98 -13.06 | 80.96 -3.02 -13.28 | 72.83 -2.73 -11.80 | 68.04 -2.61 -10.09 | 105.03 -3.73 -14.04 | 73.67 -2.70 -12.65 | 68.12 -1.93 -12.18 | 40.94 -0.97 -6.81 | 41.58 -1.41 2.70 | 35.66 -1.11 4.44 | 48.87 -1.50 -6.81 | 54.82 -1.72 1.58 | 71.96 -2.28 -2.36 | 45.76 -1.31 1.73 | 99.60 -3.10 -7.50 | 152.29 -4.57 -21.84 | 127.78 -3.96 -14.06 | 87.52 -2.40 -15.91 | 115.23 -3.97 -12.91 | 96.09 -3.55 -6.37 | 105.28 -3.43 -14.89 | 119.67 -4.45 -16.71 |
| ORANGEVILLE_WT_PWR 323706 | -10.98 -8.34 82.28 | -12.70 -7.52 75.61 | -13.05 -7.50 75.21 | -13.35 -7.62 76.43 | -11.25 -7.08 67.94 | -4.37 -6.82 58.11 | 3.57 -10.33 80.81 | -16.56 -7.39 72.89 | -18.62 -6.33 70.16 | -18.22 -3.44 49.87 | -7.60 -5.08 48.21 | -12.93 -4.50 49.63 | -9.98 -5.01 48.54 | -4.26 -6.27 56.12 | 1.15 -7.82 62.90 | -3.90 -5.39 47.31 | 1.80 -10.88 82.52 | 10.77 -15.59 108.66 | 6.61 -13.81 97.25 | -7.83 -8.46 73.38 | 0.73 -12.53 93.02 | 0.16 -10.70 82.40 | -1.56 -9.68 85.71 | -0.63 -11.87 96.18 |
| ORANGEVILLE___ESR 323794 | -10.98 -8.34 82.28 | -12.70 -7.52 75.61 | -13.05 -7.50 75.21 | -13.35 -7.62 76.43 | -11.25 -7.08 67.94 | -4.37 -6.82 58.11 | 3.57 -10.33 80.81 | -16.56 -7.39 72.89 | -18.62 -6.33 70.16 | -18.22 -3.44 49.87 | -7.60 -5.08 48.21 | -12.93 -4.50 49.63 | -9.98 -5.01 48.54 | -4.26 -6.27 56.12 | 1.15 -7.82 62.90 | -3.90 -5.39 47.31 | 1.80 -10.88 82.52 | 10.77 -15.59 108.66 | 6.61 -13.81 97.25 | -7.83 -8.46 73.38 | 0.73 -12.53 93.02 | 0.16 -10.70 82.40 | -1.56 -9.68 85.71 | -0.63 -11.87 96.18 |
| OSWEGATCHIE___HYD 24044 | 77.78 -1.86 0.00 | 68.42 -2.02 0.00 | 67.78 -1.87 0.00 | 68.64 -2.05 0.00 | 61.86 -1.90 0.00 | 58.89 -1.67 0.00 | 93.08 -1.63 0.00 | 62.58 -1.14 0.00 | 56.31 -1.56 0.00 | 33.65 -1.44 0.00 | 43.77 -1.94 -0.02 | 39.42 -1.78 0.00 | 41.54 -2.02 0.00 | 55.64 -2.49 0.00 | 68.96 -2.92 0.00 | 47.46 -2.09 -0.74 | 91.83 -3.37 0.00 | 130.31 -4.71 0.00 | 113.51 -4.17 0.00 | 71.86 -2.75 -0.60 | 102.31 -3.98 0.00 | 90.72 -2.54 0.00 | 90.45 -3.38 0.00 | 103.02 -4.40 0.00 |
| OSWEGO___5 23606 | 76.71 -2.94 0.00 | 67.85 -2.58 0.00 | 67.11 -2.54 0.00 | 68.10 -2.60 0.00 | 61.41 -2.36 0.00 | 58.30 -2.26 0.00 | 91.34 -3.38 0.00 | 61.34 -2.38 0.00 | 55.82 -2.05 0.00 | 33.99 -1.11 0.00 | 44.23 -1.52 -0.06 | 39.91 -1.29 0.00 | 42.12 -1.44 0.00 | 56.18 -1.95 0.00 | 69.41 -2.47 0.00 | 49.27 -1.60 -2.07 | 91.95 -3.25 0.00 | 130.45 -4.57 0.00 | 113.70 -3.98 0.00 | 73.19 -2.49 -1.68 | 102.60 -3.69 0.00 | 90.00 -3.26 0.00 | 90.62 -3.21 0.00 | 103.52 -3.90 0.00 |

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|---|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| OSWEGO___6 23613 | 76.71 -2.94 0.00 | 67.85 -2.58 0.00 | 67.11 -2.54 0.00 | 68.10 -2.60 0.00 | 61.41 -2.36 0.00 | 58.30 -2.26 0.00 | 91.34 -3.38 0.00 | 61.34 -2.38 0.00 | 55.82 -2.05 0.00 | 33.99 -1.11 0.00 | 44.23 -1.52 -0.06 | 39.91 -1.29 0.00 | 42.12 -1.44 0.00 | 56.18 -1.95 0.00 | 69.41 -2.47 0.00 | 49.27 -1.60 -2.07 | 91.95 -3.25 0.00 | 130.45 -4.57 0.00 | 113.70 -3.98 0.00 | 73.19 -2.49 -1.68 | 102.60 -3.69 0.00 | 90.00 -3.26 0.00 | 90.62 -3.21 0.00 | 103.52 -3.90 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 50.76 -8.46 20.42 | 44.05 -7.50 18.89 | 43.48 -7.54 18.64 | 43.94 -7.84 18.91 | 39.73 -7.22 16.81 | 39.76 -6.34 14.46 | 64.83 -9.87 20.01 | 37.33 -8.23 18.16 | 33.07 -7.29 17.50 | 18.25 -3.92 12.92 | 25.32 -5.47 14.91 | 20.47 -4.94 15.78 | 25.83 -5.19 12.55 | 34.65 -6.53 16.94 | 45.68 -8.25 17.94 | 30.37 -5.84 12.59 | 61.31 -11.98 21.90 | 93.10 -16.91 25.00 | 79.00 -14.84 23.83 | 50.08 -9.47 14.46 | 68.78 -13.77 23.74 | 58.84 -11.76 22.66 | 62.50 -10.09 21.24 | 70.94 -12.67 23.80 |
| OXBOW___BTM 323836 | 50.83 -9.01 19.80 | 44.16 -8.03 18.25 | 43.56 -8.01 18.09 | 43.99 -8.34 18.37 | 39.76 -7.68 16.33 | 39.74 -6.82 14.00 | 64.65 -10.64 19.43 | 37.36 -8.78 17.57 | 33.09 -7.86 16.92 | 18.34 -4.26 12.50 | 25.38 -5.90 14.42 | 20.64 -5.29 15.27 | 25.85 -5.59 12.13 | 34.45 -7.26 16.42 | 45.51 -9.01 17.36 | 30.34 -6.37 12.08 | 61.12 -12.92 21.17 | 92.33 -18.59 24.10 | 78.19 -16.50 22.99 | 49.68 -10.51 13.82 | 68.23 -15.14 22.92 | 58.58 -12.77 21.91 | 62.30 -10.92 20.61 | 70.70 -13.60 23.11 |
| OXBOW____ 24026 | 50.60 -9.24 19.80 | 44.00 -8.19 18.25 | 43.39 -8.18 18.09 | 43.82 -8.50 18.37 | 39.61 -7.83 16.33 | 39.66 -6.90 14.00 | 64.53 -10.76 19.43 | 37.18 -8.96 17.57 | 32.95 -7.99 16.92 | 18.30 -4.30 12.50 | 25.32 -5.95 14.42 | 20.55 -5.38 15.27 | 25.81 -5.63 12.13 | 34.47 -7.23 16.42 | 45.39 -9.12 17.36 | 30.26 -6.46 12.08 | 60.87 -13.17 21.17 | 92.28 -18.65 24.10 | 78.31 -16.38 22.99 | 49.74 -10.45 13.82 | 68.21 -15.17 22.92 | 58.45 -12.90 21.91 | 62.17 -11.05 20.61 | 70.58 -13.72 23.11 |
| OXY_CHEM_DSASP 323612 | 50.16 -10.33 19.16 | 43.70 -9.14 17.59 | 43.07 -9.08 17.51 | 43.46 -9.43 17.80 | 39.28 -8.67 15.82 | 39.34 -7.69 13.52 | 63.85 -12.05 18.82 | 36.80 -9.95 16.96 | 32.59 -8.95 16.33 | 18.19 -4.84 12.06 | 25.16 -6.62 13.92 | 20.47 -5.98 14.74 | 25.60 -6.26 11.69 | 34.06 -8.19 15.88 | 44.79 -10.32 16.77 | 29.94 -7.30 11.56 | 60.00 -14.79 20.41 | 90.79 -21.07 23.16 | 77.07 -18.48 22.12 | 49.07 -11.78 13.16 | 67.13 -17.08 22.08 | 57.59 -14.52 21.15 | 61.45 -12.42 19.95 | 69.78 -15.24 22.40 |
| OZONE_PARK_ESR 323760 | 85.12 5.47 0.00 | 75.29 4.86 0.00 | 74.51 4.86 0.00 | 75.75 5.06 0.00 | 68.21 4.44 0.00 | 64.73 4.17 0.00 | 101.54 6.82 0.00 | 68.73 5.01 0.00 | 62.80 4.93 0.00 | 38.25 3.16 0.00 | 51.12 4.64 -0.79 | 49.74 4.25 -4.30 | 48.00 4.44 0.00 | 63.82 5.70 0.00 | 78.43 6.55 0.00 | 81.31 4.71 -27.81 | 111.47 9.24 -7.03 | 179.76 13.69 -31.05 | 153.72 11.99 -24.06 | 136.90 7.74 -55.16 | 122.65 10.67 -5.69 | 102.17 8.91 0.00 | 102.66 8.82 0.00 | 117.42 10.00 0.00 |
| PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013 | 50.16 -10.33 19.16 | 43.70 -9.14 17.59 | 43.07 -9.08 17.51 | 43.46 -9.43 17.80 | 39.28 -8.67 15.82 | 39.34 -7.69 13.52 | 63.85 -12.05 18.82 | 36.80 -9.95 16.96 | 32.59 -8.95 16.33 | 18.19 -4.84 12.06 | 25.16 -6.62 13.92 | 20.47 -5.98 14.74 | 25.60 -6.26 11.69 | 34.06 -8.19 15.88 | 44.79 -10.32 16.77 | 29.94 -7.30 11.56 | 60.00 -14.79 20.41 | 90.79 -21.07 23.16 | 77.07 -18.48 22.12 | 49.07 -11.78 13.16 | 67.13 -17.08 22.08 | 57.59 -14.52 21.15 | 61.45 -12.42 19.95 | 69.78 -15.24 22.40 |
| PACKARD___115KV_DUPONT_184 80571 | 50.16 -10.33 19.16 | 43.70 -9.14 17.59 | 43.07 -9.08 17.51 | 43.46 -9.43 17.80 | 39.28 -8.67 15.82 | 39.34 -7.69 13.52 | 63.85 -12.05 18.82 | 36.80 -9.95 16.96 | 32.59 -8.95 16.33 | 18.19 -4.84 12.06 | 25.16 -6.62 13.92 | 20.47 -5.98 14.74 | 25.60 -6.26 11.69 | 34.06 -8.19 15.88 | 44.79 -10.32 16.77 | 29.94 -7.30 11.56 | 60.00 -14.79 20.41 | 90.79 -21.07 23.16 | 77.07 -18.48 22.12 | 49.07 -11.78 13.16 | 67.13 -17.08 22.08 | 57.59 -14.52 21.15 | 61.45 -12.42 19.95 | 69.78 -15.24 22.40 |
| PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007 | 84.62 4.98 0.00 | 74.89 4.45 0.00 | 74.11 4.46 0.00 | 75.23 4.53 0.00 | 67.68 3.91 0.00 | 64.25 3.69 0.00 | 100.79 6.07 0.00 | 68.26 4.54 0.00 | 62.31 4.45 0.00 | 37.99 2.89 0.00 | 50.75 4.26 -0.79 | 49.33 3.83 -4.30 | 47.51 3.94 -0.01 | 63.23 5.10 0.00 | 77.70 5.83 0.00 | 80.79 4.18 -27.81 | 110.54 8.31 -7.03 | 178.32 12.25 -31.05 | 152.57 10.83 -24.06 | 136.20 7.03 -55.16 | 121.56 9.58 -5.69 | 101.23 7.97 0.00 | 101.72 7.89 0.00 | 116.50 9.09 0.00 |
| PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019 | 84.85 5.20 0.00 | 75.04 4.60 0.00 | 74.31 4.66 0.00 | 75.54 4.85 0.00 | 67.88 4.12 0.00 | 64.48 3.92 0.00 | 101.35 6.63 0.00 | 68.63 4.91 0.00 | 62.59 4.72 0.00 | 38.20 3.10 0.00 | 50.97 4.48 -0.79 | 49.47 3.98 -4.30 | 47.64 4.07 -0.01 | 63.47 5.35 0.00 | 78.01 6.13 0.00 | 81.00 4.40 -27.81 | 111.04 8.80 -7.03 | 178.92 12.85 -31.05 | 153.02 11.29 -24.06 | 136.54 7.36 -55.16 | 121.81 9.83 -5.69 | 101.49 8.23 0.00 | 102.00 8.17 0.00 | 116.74 9.32 0.00 |
| PATROON___115KV_TB1 80586 | 82.74 3.09 0.00 | 73.38 2.94 0.00 | 72.69 3.03 0.00 | 73.82 3.13 0.00 | 66.73 2.96 0.00 | 63.26 2.71 0.00 | 98.68 3.96 0.00 | 66.43 2.71 0.00 | 60.38 2.51 0.00 | 36.62 1.53 0.00 | 48.90 2.21 -0.99 | 42.82 1.82 0.20 | 45.45 1.88 0.00 | 60.69 2.57 0.00 | 74.93 3.05 0.00 | 87.89 2.36 -36.73 | 121.91 4.53 -22.17 | 243.09 6.48 -101.59 | 185.23 5.61 -61.94 | 176.27 3.64 -98.62 | 127.47 5.08 -16.09 | 97.60 4.34 0.00 | 98.18 4.35 0.00 | 112.57 5.15 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 82.52 2.87 0.00 | 73.11 2.68 0.00 | 72.35 2.70 0.00 | 73.41 2.72 0.00 | 66.23 2.46 0.00 | 62.86 2.30 0.00 | 98.38 3.66 0.00 | 66.21 2.49 0.00 | 60.20 2.33 0.00 | 36.42 1.33 0.00 | 48.41 1.68 -1.04 | 42.30 1.31 0.21 | 45.08 1.52 0.00 | 60.14 2.02 0.00 | 74.72 2.84 0.00 | 89.49 2.16 -38.53 | 131.28 4.28 -31.81 | 294.51 6.19 -153.30 | 214.18 5.35 -91.15 | 207.71 3.43 -130.27 | 134.26 4.86 -23.10 | 97.36 4.10 0.00 | 97.86 4.03 0.00 | 111.93 4.52 0.00 |
| PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030 | 51.94 -6.56 21.15 | 45.13 -5.73 19.58 | 44.48 -5.87 19.30 | 45.04 -6.08 19.57 | 40.73 -5.64 17.40 | 40.66 -4.92 14.98 | 66.29 -7.72 20.71 | 38.37 -6.53 18.82 | 34.11 -5.61 18.15 | 18.80 -2.96 13.33 | 26.56 -4.09 15.04 | 21.71 -3.60 15.88 | 26.82 -3.79 12.95 | 36.23 -4.76 17.14 | 47.54 -6.05 18.29 | 32.29 -4.26 12.25 | 63.73 -9.14 22.33 | 96.78 -12.57 25.67 | 82.45 -10.94 24.28 | 52.82 -6.89 14.29 | 71.86 -10.03 24.40 | 61.37 -8.68 23.21 | 64.32 -7.53 21.98 | 73.15 -9.64 24.63 |
| PAWLING_I15_KV_BK3_REV_LBMP_H 345028 | 85.31 5.66 0.00 | 75.49 5.06 0.00 | 74.68 5.02 0.00 | 75.89 5.20 0.00 | 68.38 4.62 0.00 | 64.88 4.32 0.00 | 101.80 7.08 0.00 | 68.85 5.14 0.00 | 62.87 5.00 0.00 | 38.24 3.15 0.00 | 50.95 4.49 -0.77 | 48.75 4.03 -3.52 | 47.76 4.20 0.00 | 63.68 5.56 0.00 | 78.36 6.49 0.00 | 81.57 4.71 -28.06 | 111.71 9.32 -7.19 | 180.52 13.73 -31.77 | 154.12 11.97 -24.48 | 137.49 7.67 -55.82 | 122.72 10.62 -5.80 | 102.16 8.90 0.00 | 102.63 8.80 0.00 | 117.29 9.88 0.00 |
| PEEKSKILL____ 23653 | 83.96 4.31 0.00 | 74.31 3.88 0.00 | 73.53 3.87 0.00 | 74.74 4.04 0.00 | 67.34 3.57 0.00 | 63.85 3.29 0.00 | 100.25 5.53 0.00 | 67.78 4.06 0.00 | 61.87 4.00 0.00 | 37.64 2.55 0.00 | 50.18 3.70 -0.79 | 48.98 3.34 -4.44 | 47.01 3.45 0.00 | 62.60 4.47 0.00 | 76.97 5.09 0.00 | 80.06 3.74 -27.52 | 109.50 7.34 -6.96 | 176.61 10.89 -30.70 | 150.99 9.53 -23.77 | 134.71 6.17 -54.54 | 120.41 8.50 -5.63 | 100.36 7.10 0.00 | 100.88 7.05 0.00 | 115.46 8.04 0.00 |

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| PGE MADISON___WINDPWR 24146 | 80.98 1.33 0.00 | 71.83 1.40 0.00 | 71.52 1.86 0.00 | 72.71 2.01 0.00 | 65.46 1.69 0.00 | 62.15 1.60 0.00 | 98.65 3.93 0.00 | 67.29 3.57 0.00 | 61.89 4.02 0.00 | 38.06 2.45 -0.51 | 52.12 3.08 -3.34 | 48.11 3.00 -3.92 | 46.12 2.11 -0.45 | 63.50 2.24 -3.13 | 76.16 1.92 -2.37 | 63.55 1.65 -13.11 | 104.36 3.62 -5.53 | 154.30 5.82 -13.45 | 133.52 5.09 -10.75 | 97.19 3.28 -19.91 | 113.87 3.98 -3.60 | 98.60 3.15 -2.20 | 96.69 2.86 0.00 | 109.89 2.47 0.00 |
| PIERCEFIELD___HYD 23852 | 78.13 -1.52 0.00 | 68.73 -1.70 0.00 | 67.76 -1.90 0.00 | 68.62 -2.08 0.00 | 61.94 -1.83 0.00 | 59.12 -1.44 0.00 | 92.75 -1.96 0.00 | 62.40 -1.32 0.00 | 56.26 -1.61 0.00 | 33.74 -1.36 0.00 | 43.81 -1.89 0.00 | 39.47 -1.72 0.00 | 41.79 -1.78 0.00 | 55.89 -2.23 0.00 | 69.53 -2.35 0.00 | 46.98 -1.82 0.00 | 92.39 -2.81 0.00 | 131.20 -3.82 0.00 | 114.18 -3.49 0.00 | 71.62 -2.39 0.00 | 102.95 -3.34 0.00 | 90.64 -2.62 0.00 | 90.84 -2.99 0.00 | 104.00 -3.41 0.00 |
| PINELAWN_CC_1 323563 | 86.48 6.84 0.00 | 79.40 6.34 -2.63 | 75.92 6.26 0.00 | 77.08 6.38 0.00 | 69.47 5.70 0.00 | 66.92 5.43 -0.93 | 108.33 8.56 -5.06 | 69.80 6.08 0.00 | 63.71 5.84 0.00 | 38.71 3.62 0.00 | 51.57 5.08 -0.79 | 50.08 4.59 -4.29 | 48.21 4.65 0.00 | 64.15 6.03 0.00 | 79.22 7.35 0.00 | 81.99 5.38 -27.81 | 112.34 10.10 -7.03 | 180.73 14.66 -31.06 | 155.14 13.40 -24.06 | 137.87 8.68 -55.18 | 124.25 12.26 -5.69 | 103.50 10.24 0.00 | 104.30 10.47 0.00 | 118.83 11.41 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 84.24 4.60 0.00 | 74.58 4.14 0.00 | 73.80 4.14 0.00 | 75.04 4.34 0.00 | 67.60 3.83 0.00 | 64.11 3.55 0.00 | 100.57 5.85 0.00 | 68.05 4.33 0.00 | 62.15 4.28 0.00 | 37.86 2.77 0.00 | 50.56 4.08 -0.79 | 49.22 3.72 -4.30 | 47.43 3.87 0.00 | 63.09 4.96 0.00 | 77.49 5.61 0.00 | 80.68 4.08 -27.80 | 110.21 7.98 -7.03 | 177.89 11.83 -31.05 | 152.09 10.36 -24.05 | 135.87 6.71 -55.15 | 121.18 9.20 -5.69 | 100.94 7.68 0.00 | 101.46 7.63 0.00 | 116.08 8.67 0.00 |
| PJM_GEN_KEystone 24065 | 26.00 -1.04 52.60 | 23.07 -0.88 46.49 | 31.95 -0.90 36.81 | 28.02 -0.82 41.86 | 36.65 -0.85 26.27 | 40.26 -0.88 19.42 | 64.41 -1.10 29.21 | 20.43 -1.07 42.22 | 20.36 -0.60 36.91 | 20.82 -0.09 14.19 | 23.76 -0.05 21.88 | 27.50 0.02 13.72 | 30.61 -0.06 12.89 | 35.77 0.00 22.36 | 16.93 -0.34 54.61 | 39.78 -0.20 8.82 | 45.71 -0.57 48.92 | 38.20 -0.56 96.27 | 43.31 -0.46 73.90 | 57.31 -0.22 16.48 | 35.06 -0.56 70.66 | 17.19 -0.67 75.40 | 11.47 -0.27 82.09 | 44.06 -0.53 62.83 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 85.32 5.67 0.00 | 78.37 5.30 -2.63 | 74.91 5.26 0.00 | 76.06 5.36 0.00 | 68.57 4.81 0.00 | 66.05 4.56 -0.93 | 106.93 7.16 -5.06 | 68.86 5.14 0.00 | 62.81 4.94 0.00 | 38.23 3.13 0.00 | 50.98 4.50 -0.79 | 49.61 4.12 -4.29 | 47.76 4.20 0.00 | 63.55 5.42 0.00 | 78.31 6.44 0.00 | 81.25 4.64 -27.81 | 110.89 8.66 -7.03 | 178.66 12.58 -31.06 | 153.28 11.54 -24.06 | 136.68 7.49 -55.18 | 122.55 10.57 -5.69 | 102.04 8.78 0.00 | 102.78 8.95 0.00 | 117.24 9.83 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 83.72 4.07 0.00 | 74.09 3.66 0.00 | 73.32 3.67 0.00 | 74.62 3.93 0.00 | 6.91 3.45 60.30 | 63.77 3.21 0.00 | 98.43 5.28 1.57 | 63.57 3.98 4.13 | 61.82 3.95 0.00 | 37.68 2.58 0.00 | 50.33 3.85 -0.79 | 49.03 3.54 -4.30 | 47.25 3.69 0.00 | 59.84 4.70 2.99 | 77.18 5.30 0.00 | 80.45 3.84 -27.81 | 109.78 7.55 -7.03 | 177.34 11.27 -31.05 | 151.60 9.86 -24.06 | 135.55 6.39 -55.16 | 120.70 8.73 -5.69 | 100.50 7.24 0.00 | 101.04 7.21 0.00 | 115.63 8.21 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 80.59 0.94 0.00 | 70.96 0.52 0.00 | 69.52 -0.14 0.00 | 70.10 -0.60 0.00 | 63.03 -0.74 0.00 | 60.30 -0.26 0.00 | 94.22 -0.50 0.00 | 62.97 -0.75 0.00 | 57.00 -0.87 0.00 | 34.19 -0.90 0.00 | 44.42 -1.28 0.00 | 40.05 -1.14 0.00 | 42.55 -1.01 0.00 | 57.45 -0.68 0.00 | 71.40 -0.47 0.00 | 48.55 -0.25 0.00 | 95.71 0.51 0.00 | 135.96 0.95 0.00 | 118.32 0.65 0.00 | 74.14 0.13 0.00 | 106.31 0.02 0.00 | 93.08 -0.18 0.00 | 93.52 -0.31 0.00 | 107.62 0.21 0.00 |
| PLEASANTVLY___LBMP 24000 | 83.93 4.28 0.00 | 74.30 3.86 0.00 | 73.53 3.88 0.00 | 74.72 4.02 0.00 | 67.32 3.56 0.00 | 63.85 3.29 0.00 | 100.08 5.36 0.00 | 67.60 3.88 0.00 | 61.69 3.82 0.00 | 37.51 2.41 0.00 | 50.03 3.53 -0.80 | 48.29 3.17 -3.92 | 46.83 3.27 0.00 | 62.43 4.30 0.00 | 76.79 4.91 0.00 | 81.52 3.63 -29.10 | 109.65 7.11 -7.34 | 178.08 10.45 -32.61 | 152.15 9.14 -25.33 | 137.94 5.93 -58.01 | 120.45 8.20 -5.96 | 100.14 6.89 0.00 | 100.64 6.81 0.00 | 115.19 7.78 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 84.33 4.68 0.00 | 74.64 4.20 0.00 | 73.86 4.20 0.00 | 75.06 4.36 0.00 | 67.62 3.85 0.00 | 64.16 3.60 0.00 | 100.58 5.86 0.00 | 68.02 4.31 0.00 | 62.09 4.23 0.00 | 37.79 2.69 0.00 | 50.39 3.91 -0.78 | 48.83 3.56 -4.07 | 47.23 3.67 0.00 | 62.91 4.79 0.00 | 77.34 5.46 0.00 | 80.79 3.99 -27.99 | 110.11 7.83 -7.08 | 177.86 11.56 -31.28 | 152.05 10.13 -24.24 | 136.13 6.54 -55.57 | 121.08 9.06 -5.73 | 100.84 7.58 0.00 | 101.34 7.51 0.00 | 115.93 8.51 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 84.33 4.68 0.00 | 74.64 4.20 0.00 | 73.86 4.20 0.00 | 75.06 4.36 0.00 | 67.62 3.85 0.00 | 64.16 3.60 0.00 | 100.58 5.86 0.00 | 68.02 4.31 0.00 | 62.09 4.23 0.00 | 37.79 2.69 0.00 | 50.39 3.91 -0.78 | 48.83 3.56 -4.07 | 47.23 3.67 0.00 | 62.91 4.79 0.00 | 77.34 5.46 0.00 | 80.79 3.99 -27.99 | 110.11 7.83 -7.08 | 177.86 11.56 -31.28 | 152.05 10.13 -24.24 | 136.13 6.54 -55.57 | 121.08 9.06 -5.73 | 100.84 7.58 0.00 | 101.34 7.51 0.00 | 115.93 8.51 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 84.93 5.29 0.00 | 75.15 4.71 0.00 | 74.35 4.69 0.00 | 75.55 4.86 0.00 | 68.07 4.30 0.00 | 64.61 4.05 0.00 | 101.28 6.56 0.00 | 68.47 4.75 0.00 | 62.48 4.61 0.00 | 38.00 2.91 0.00 | 50.61 4.15 -0.77 | 47.99 3.69 -3.10 | 47.37 3.81 0.00 | 63.24 5.12 0.00 | 77.83 5.95 0.00 | 81.64 4.39 -28.45 | 111.38 8.68 -7.50 | 180.85 12.77 -33.06 | 154.04 11.19 -25.17 | 137.97 7.17 -56.79 | 122.22 9.91 -6.01 | 101.57 8.31 0.00 | 102.04 8.21 0.00 | 116.64 9.22 0.00 |
| POLETTI_____ 23519 | 84.15 4.50 0.00 | 74.46 4.03 0.00 | 73.71 4.06 0.00 | 74.94 4.25 0.00 | 67.47 3.70 0.00 | 64.02 3.46 0.00 | 100.42 5.70 0.00 | 67.98 4.27 0.00 | 62.10 4.24 0.00 | 37.83 2.74 0.00 | 50.61 4.13 -0.79 | 49.30 3.80 -4.30 | 47.51 3.95 0.00 | 63.09 4.96 0.00 | 77.51 5.63 0.00 | 80.68 4.07 -27.81 | 110.19 7.96 -7.03 | 177.87 11.80 -31.05 | 152.06 10.33 -24.06 | 135.88 6.71 -55.16 | 121.17 9.19 -5.69 | 100.91 7.65 0.00 | 101.41 7.58 0.00 | 116.03 8.61 0.00 |
| POMONA___ESR 323819 | 83.75 4.11 0.00 | 74.12 3.69 0.00 | 73.33 3.68 0.00 | 74.55 3.86 0.00 | 67.18 3.42 0.00 | 63.69 3.13 0.00 | 100.06 5.34 0.00 | 67.72 4.00 0.00 | 61.79 3.92 0.00 | 37.58 2.48 0.00 | 49.90 3.54 -0.66 | 45.67 3.19 -1.28 | 46.86 3.30 0.00 | 62.40 4.28 0.00 | 76.70 4.83 0.00 | 79.16 3.57 -26.79 | 109.02 7.04 -6.78 | 175.29 10.46 -29.81 | 149.88 9.14 -23.05 | 132.84 5.90 -52.93 | 119.91 8.14 -5.47 | 100.02 6.76 0.00 | 100.60 6.77 0.00 | 115.14 7.72 0.00 |
| PORT_JEFF_3 23555 | 87.15 7.50 0.00 | 80.02 6.96 -2.63 | 76.50 6.85 0.00 | 77.66 6.96 0.00 | 70.00 6.23 0.00 | 67.47 5.98 -0.93 | 109.28 9.51 -5.06 | 70.44 6.72 0.00 | 64.29 6.43 0.00 | 39.07 3.98 0.00 | 51.94 5.46 -0.79 | 50.50 5.02 -4.29 | 48.65 5.08 0.00 | 64.68 6.55 0.00 | 79.96 8.08 0.00 | 82.51 5.90 -27.81 | 113.39 11.16 -7.03 | 182.09 16.01 -31.06 | 156.37 14.63 -24.06 | 138.64 9.46 -55.18 | 125.47 13.49 -5.69 | 104.43 11.17 0.00 | 105.25 11.42 0.00 | 119.80 12.39 0.00 |

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| PORT_JEFF_4 23616 | 87.15 7.50 0.00 | 80.02 6.96 -2.63 | 76.50 6.85 0.00 | 77.66 6.96 0.00 | 70.00 6.23 0.00 | 67.47 5.98 -0.93 | 109.28 9.51 -5.06 | 70.44 6.72 0.00 | 64.29 6.43 0.00 | 39.07 3.98 0.00 | 51.94 5.46 -0.79 | 50.50 5.02 -4.29 | 48.65 5.08 0.00 | 64.68 6.55 0.00 | 79.96 8.08 0.00 | 82.51 5.90 -27.81 | 113.39 11.16 -7.03 | 182.09 16.01 -31.06 | 156.37 14.63 -24.06 | 138.64 9.46 -55.18 | 125.47 13.49 -5.69 | 104.43 11.17 0.00 | 105.25 11.42 0.00 | 119.80 12.39 0.00 |
| PORT_JEFF_IC 23713 | 87.22 7.58 0.00 | 80.06 6.99 -2.63 | 76.54 6.89 0.00 | 77.70 7.00 0.00 | 70.03 6.26 0.00 | 67.50 6.01 -0.93 | 109.37 9.59 -5.06 | 70.51 6.79 0.00 | 64.35 6.48 0.00 | 39.10 4.00 0.00 | 51.99 5.51 -0.79 | 50.55 5.07 -4.29 | 48.68 5.12 0.00 | 64.72 6.60 0.00 | 80.08 8.20 0.00 | 82.59 5.97 -27.81 | 113.54 11.30 -7.03 | 182.29 16.22 -31.06 | 156.55 14.81 -24.06 | 138.76 9.58 -55.18 | 125.63 13.64 -5.69 | 104.60 11.34 0.00 | 105.36 11.53 0.00 | 119.92 12.51 0.00 |
| PPL_PILGRIM_ST_GT1 24216 | 87.28 7.63 0.00 | 80.15 7.08 -2.63 | 76.65 6.99 0.00 | 77.79 7.10 0.00 | 70.13 6.36 0.00 | 67.57 6.08 -0.93 | 109.42 9.65 -5.06 | 70.52 6.80 0.00 | 64.36 6.49 0.00 | 39.09 4.00 0.00 | 52.03 5.54 -0.79 | 50.55 5.06 -4.29 | 48.69 5.13 0.00 | 64.73 6.60 0.00 | 80.05 8.17 0.00 | 82.52 5.91 -27.81 | 113.02 10.78 -7.03 | 181.07 15.00 -31.06 | 155.30 13.56 -24.06 | 138.09 8.91 -55.18 | 124.85 12.87 -5.69 | 104.00 10.74 0.00 | 105.09 11.26 0.00 | 119.69 12.28 0.00 |
| PPL_PILGRIM_ST_GT2 24217 | 87.28 7.63 0.00 | 80.15 7.08 -2.63 | 76.65 6.99 0.00 | 77.79 7.10 0.00 | 70.13 6.36 0.00 | 67.57 6.08 -0.93 | 109.42 9.65 -5.06 | 70.52 6.80 0.00 | 64.36 6.49 0.00 | 39.09 4.00 0.00 | 52.03 5.54 -0.79 | 50.55 5.06 -4.29 | 48.69 5.13 0.00 | 64.73 6.60 0.00 | 80.05 8.17 0.00 | 82.52 5.91 -27.81 | 113.02 10.78 -7.03 | 181.07 15.00 -31.06 | 155.30 13.56 -24.06 | 138.09 8.91 -55.18 | 124.85 12.87 -5.69 | 104.00 10.74 0.00 | 105.09 11.26 0.00 | 119.69 12.28 0.00 |
| PPL_SHRM_GT3 24213 | 87.60 7.95 0.00 | 80.34 7.27 -2.63 | 76.81 7.16 0.00 | 77.99 7.30 0.00 | 70.30 6.53 0.00 | 67.77 6.28 -0.93 | 109.81 10.04 -5.06 | 70.82 7.10 0.00 | 64.63 6.77 0.00 | 39.26 4.17 0.00 | 52.12 5.63 -0.79 | 50.68 5.20 -4.29 | 48.82 5.26 0.00 | 64.88 6.76 0.00 | 80.25 8.37 0.00 | 82.84 6.23 -27.81 | 114.14 11.91 -7.03 | 183.00 16.92 -31.06 | 157.36 15.62 -24.06 | 139.14 9.96 -55.18 | 126.30 14.31 -5.69 | 105.09 11.83 0.00 | 105.86 12.03 0.00 | 120.39 12.98 0.00 |
| PPL_SHRM_GT4 24214 | 87.60 7.95 0.00 | 80.34 7.27 -2.63 | 76.81 7.16 0.00 | 77.99 7.30 0.00 | 70.30 6.53 0.00 | 67.77 6.28 -0.93 | 109.81 10.04 -5.06 | 70.82 7.10 0.00 | 64.63 6.77 0.00 | 39.26 4.17 0.00 | 52.12 5.63 -0.79 | 50.68 5.20 -4.29 | 48.82 5.26 0.00 | 64.88 6.76 0.00 | 80.25 8.37 0.00 | 82.84 6.23 -27.81 | 114.14 11.91 -7.03 | 183.00 16.92 -31.06 | 157.36 15.62 -24.06 | 139.14 9.96 -55.18 | 126.30 14.31 -5.69 | 105.09 11.83 0.00 | 105.86 12.03 0.00 | 120.39 12.98 0.00 |
| PROJECT___ORANGE 1 24174 | 77.51 -2.14 0.00 | 68.58 -1.85 0.00 | 67.84 -1.81 0.00 | 68.87 -1.83 0.00 | 62.09 -1.68 0.00 | 58.90 -1.66 0.00 | 92.37 -2.35 0.00 | 62.04 -1.68 0.00 | 56.51 -1.36 0.00 | 34.44 -0.65 0.00 | 44.84 -0.92 -0.07 | 40.46 -0.74 0.00 | 42.69 -0.87 0.00 | 56.93 -1.19 0.00 | 70.28 -1.60 0.00 | 50.43 -0.97 -2.60 | 93.19 -2.01 0.00 | 132.21 -2.81 0.00 | 115.25 -2.43 0.00 | 74.65 -1.46 -2.10 | 103.93 -2.36 0.00 | 91.10 -2.16 0.00 | 91.71 -2.12 0.00 | 104.69 -2.73 0.00 |
| PROJECT___ORANGE 2 24166 | 77.51 -2.14 0.00 | 68.58 -1.85 0.00 | 67.84 -1.81 0.00 | 68.87 -1.83 0.00 | 62.09 -1.68 0.00 | 58.90 -1.66 0.00 | 92.37 -2.35 0.00 | 62.04 -1.68 0.00 | 56.51 -1.36 0.00 | 34.44 -0.65 0.00 | 44.84 -0.92 -0.07 | 40.46 -0.74 0.00 | 42.69 -0.87 0.00 | 56.93 -1.19 0.00 | 70.28 -1.60 0.00 | 50.43 -0.97 -2.60 | 93.19 -2.01 0.00 | 132.21 -2.81 0.00 | 115.25 -2.43 0.00 | 74.65 -1.46 -2.10 | 103.93 -2.36 0.00 | 91.10 -2.16 0.00 | 91.71 -2.12 0.00 | 104.69 -2.73 0.00 |
| PUCKETT___SOLAR 323809 | 79.15 -0.50 0.00 | 70.01 -0.43 0.00 | 69.33 -0.33 0.00 | 70.44 -0.26 0.00 | 63.56 -0.21 0.00 | 60.16 -0.40 0.00 | 94.58 -0.13 0.00 | 63.58 -0.14 0.00 | 58.09 0.22 0.00 | 36.26 0.33 -0.83 | 51.32 0.33 -5.30 | 47.79 0.37 -6.22 | 44.44 0.15 -0.73 | 63.44 0.23 -5.09 | 75.67 -0.06 -3.85 | 65.26 0.11 -16.35 | 102.12 0.19 -6.73 | 147.87 0.44 -12.41 | 129.36 0.50 -11.18 | 95.26 0.46 -20.79 | 110.73 0.25 -4.18 | 96.88 0.05 -3.56 | 93.95 0.12 0.00 | 107.21 -0.21 0.00 |
| PYRITES___HYD 24023 | 80.19 0.54 0.00 | 70.55 0.11 0.00 | 69.51 -0.15 0.00 | 70.39 -0.30 0.00 | 63.58 -0.19 0.00 | 60.67 0.11 0.00 | 95.19 0.47 0.00 | 64.03 0.31 0.00 | 57.78 -0.09 0.00 | 34.63 -0.47 0.00 | 44.88 -0.82 0.00 | 40.29 -0.91 0.00 | 42.67 -0.90 0.00 | 57.05 -1.07 0.00 | 71.17 -0.71 0.00 | 48.19 -0.61 0.00 | 94.92 -0.28 0.00 | 134.90 -0.12 0.00 | 117.45 -0.23 0.00 | 73.62 -0.39 0.00 | 105.76 -0.53 0.00 | 93.01 -0.24 0.00 | 93.23 -0.60 0.00 | 106.72 -0.69 0.00 |
| QUAKERRD_115KV_BK1 80622 | 73.54 -6.11 0.00 | 65.02 -5.42 0.00 | 64.26 -5.40 0.00 | 65.13 -5.57 0.00 | 58.69 -5.07 0.00 | 55.96 -4.60 0.00 | 87.68 -7.05 0.00 | 58.38 -5.34 0.00 | 53.20 -4.66 0.00 | 31.66 -2.56 0.87 | 37.02 -3.48 5.19 | 32.00 -3.07 6.13 | 39.55 -3.25 0.76 | 48.60 -4.19 5.34 | 62.57 -5.27 4.03 | 41.52 -3.60 3.68 | 84.05 -7.30 3.85 | 124.55 -10.30 0.16 | 105.93 -9.07 2.68 | 68.64 -5.84 -0.47 | 95.75 -8.57 1.98 | 82.05 -7.47 3.74 | 86.91 -6.92 0.00 | 98.82 -8.59 0.00 |
| QUEENSBRY_115KV_TB8 356137 | 84.69 5.05 0.00 | 75.43 4.99 0.00 | 74.65 5.00 0.00 | 75.71 5.02 0.00 | 68.38 4.61 0.00 | 64.92 4.36 0.00 | 101.95 7.23 0.00 | 68.41 4.69 0.00 | 62.43 4.56 0.00 | 37.66 2.57 0.00 | 50.18 3.47 -1.02 | 43.92 2.89 0.17 | 46.81 3.25 0.00 | 62.62 4.50 0.00 | 77.61 5.73 0.00 | 90.86 4.53 -37.53 | 134.71 9.06 -30.45 | 293.84 12.93 -145.89 | 216.03 11.30 -87.05 | 206.41 7.07 -125.33 | 138.19 9.78 -22.12 | 101.54 8.28 0.00 | 101.92 8.09 0.00 | 116.50 9.09 0.00 |
| RAMAPO___LBMP 323565 | 83.53 3.88 0.00 | 73.91 3.47 0.00 | 73.12 3.46 0.00 | 74.32 3.63 0.00 | 66.97 3.20 0.00 | 63.49 2.93 0.00 | 99.73 5.01 0.00 | 67.46 3.74 0.00 | 61.57 3.70 0.00 | 37.43 2.34 0.00 | 49.72 3.37 -0.67 | 45.57 3.04 -1.33 | 46.68 3.12 0.00 | 62.17 4.05 0.00 | 76.47 4.59 0.00 | 78.89 3.39 -26.70 | 108.64 6.68 -6.76 | 174.64 9.92 -29.70 | 149.31 8.67 -22.96 | 132.35 5.61 -52.73 | 119.45 7.71 -5.45 | 99.68 6.42 0.00 | 100.24 6.41 0.00 | 114.74 7.32 0.00 |
| RANKINE____ 23646 | 46.61 -8.00 25.04 | 40.27 -7.05 23.12 | 39.68 -7.11 22.87 | 40.11 -7.38 23.21 | 36.34 -6.79 20.63 | 36.81 -6.03 17.72 | 60.82 -9.34 24.56 | 33.87 -7.61 22.25 | 29.77 -6.66 21.44 | 15.80 -3.61 15.68 | 23.28 -5.03 17.38 | 18.39 -4.51 18.30 | 23.58 -4.74 15.23 | 32.31 -5.95 19.86 | 43.09 -7.49 21.30 | 28.60 -5.25 14.95 | 57.92 -10.92 26.36 | 88.66 -15.29 31.07 | 75.18 -13.35 29.15 | 47.11 -8.45 18.45 | 65.18 -12.25 28.86 | 55.58 -10.56 27.12 | 58.48 -9.29 26.05 | 66.56 -11.65 29.20 |
| RAVENSWOOD_GT2_1 24244 | 84.39 4.74 0.00 | 74.68 4.24 0.00 | 73.90 4.25 0.00 | 75.13 4.44 0.00 | 67.66 3.89 0.00 | 64.19 3.63 0.00 | 100.67 5.95 0.00 | 68.13 4.41 0.00 | 62.23 4.36 0.00 | 37.90 2.80 0.00 | 50.63 4.15 -0.79 | 49.30 3.81 -4.29 | 47.52 3.95 0.00 | 63.19 5.06 0.00 | 77.63 5.76 0.00 | 80.76 4.16 -27.81 | 110.37 8.14 -7.03 | 178.10 12.03 -31.05 | 152.26 10.52 -24.06 | 136.01 6.84 -55.16 | 121.38 9.40 -5.69 | 101.10 7.84 0.00 | 101.60 7.78 0.00 | 116.24 8.82 0.00 |

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| RAVENSWOOD_GT2_2 24245 | 84.39 4.74 0.00 | 74.68 4.24 0.00 | 73.90 4.25 0.00 | 75.13 4.44 0.00 | 67.66 3.89 0.00 | 64.19 3.63 0.00 | 100.67 5.95 0.00 | 68.13 4.41 0.00 | 62.23 4.36 0.00 | 37.90 2.80 0.00 | 50.63 4.15 -0.79 | 49.30 3.81 -4.29 | 47.52 3.95 0.00 | 63.19 5.06 0.00 | 77.63 5.76 0.00 | 80.76 4.16 -27.81 | 110.37 8.14 -7.03 | 178.10 12.03 -31.05 | 152.26 10.52 -24.06 | 136.01 6.84 -55.16 | 121.38 9.40 -5.69 | 101.10 7.84 0.00 | 101.60 7.78 0.00 | 116.24 8.82 0.00 |
| RAVENSWOOD_GT2_3 24246 | 84.41 4.76 0.00 | 74.72 4.28 0.00 | 73.93 4.28 0.00 | 75.16 4.46 0.00 | 67.67 3.91 0.00 | 64.20 3.64 0.00 | 100.70 5.98 0.00 | 68.16 4.45 0.00 | 62.24 4.37 0.00 | 37.91 2.82 0.00 | 50.66 4.18 -0.79 | 49.31 3.82 -4.29 | 47.53 3.97 0.00 | 63.21 5.08 0.00 | 77.68 5.80 0.00 | 80.79 4.19 -27.81 | 110.43 8.20 -7.03 | 178.14 12.07 -31.05 | 152.33 10.59 -24.06 | 136.04 6.87 -55.16 | 121.40 9.42 -5.69 | 101.12 7.86 0.00 | 101.62 7.80 0.00 | 116.27 8.85 0.00 |
| RAVENSWOOD_GT2_4 24247 | 84.41 4.76 0.00 | 74.72 4.28 0.00 | 73.93 4.28 0.00 | 75.16 4.46 0.00 | 67.67 3.91 0.00 | 64.20 3.64 0.00 | 100.70 5.98 0.00 | 68.16 4.45 0.00 | 62.24 4.37 0.00 | 37.91 2.82 0.00 | 50.66 4.18 -0.79 | 49.31 3.82 -4.29 | 47.53 3.97 0.00 | 63.21 5.08 0.00 | 77.68 5.80 0.00 | 80.79 4.19 -27.81 | 110.43 8.20 -7.03 | 178.14 12.07 -31.05 | 152.33 10.59 -24.06 | 136.04 6.87 -55.16 | 121.40 9.42 -5.69 | 101.12 7.86 0.00 | 101.62 7.80 0.00 | 116.27 8.85 0.00 |
| RAVENSWOOD_GT3_1 24248 | 84.39 4.74 0.00 | 74.68 4.24 0.00 | 73.91 4.26 0.00 | 75.13 4.44 0.00 | 67.66 3.89 0.00 | 64.19 3.63 0.00 | 100.67 5.95 0.00 | 68.13 4.41 0.00 | 62.23 4.36 0.00 | 37.90 2.80 0.00 | 50.63 4.15 -0.79 | 49.30 3.81 -4.29 | 47.52 3.95 0.00 | 63.19 5.06 0.00 | 77.64 5.76 0.00 | 80.76 4.16 -27.81 | 110.37 8.14 -7.03 | 178.10 12.03 -31.05 | 152.26 10.52 -24.06 | 136.01 6.84 -55.16 | 121.38 9.40 -5.69 | 101.10 7.84 0.00 | 101.60 7.78 0.00 | 116.24 8.82 0.00 |
| RAVENSWOOD_GT3_2 24249 | 84.39 4.74 0.00 | 74.68 4.24 0.00 | 73.91 4.26 0.00 | 75.13 4.44 0.00 | 67.66 3.89 0.00 | 64.19 3.63 0.00 | 100.67 5.95 0.00 | 68.13 4.41 0.00 | 62.23 4.36 0.00 | 37.90 2.80 0.00 | 50.63 4.15 -0.79 | 49.30 3.81 -4.29 | 47.52 3.95 0.00 | 63.19 5.06 0.00 | 77.64 5.76 0.00 | 80.76 4.16 -27.81 | 110.37 8.14 -7.03 | 178.10 12.03 -31.05 | 152.26 10.52 -24.06 | 136.01 6.84 -55.16 | 121.38 9.40 -5.69 | 101.10 7.84 0.00 | 101.60 7.78 0.00 | 116.24 8.82 0.00 |
| RAVENSWOOD_GT3_3 24250 | 84.49 4.84 0.00 | 74.78 4.35 0.00 | 74.00 4.34 0.00 | 75.22 4.53 0.00 | 67.74 3.97 0.00 | 64.26 3.71 0.00 | 100.79 6.07 0.00 | 68.23 4.51 0.00 | 62.31 4.44 0.00 | 37.95 2.85 0.00 | 50.71 4.23 -0.79 | 49.36 3.87 -4.29 | 47.58 4.02 0.00 | 63.28 5.16 0.00 | 77.77 5.89 0.00 | 80.84 4.23 -27.81 | 110.54 8.31 -7.03 | 178.34 12.26 -31.05 | 152.48 10.74 -24.06 | 136.14 6.96 -55.16 | 121.51 9.53 -5.69 | 101.24 7.98 0.00 | 101.73 7.90 0.00 | 116.39 8.97 0.00 |
| RAVENSWOOD_GT3_4 24251 | 84.49 4.84 0.00 | 74.78 4.35 0.00 | 74.00 4.34 0.00 | 75.22 4.53 0.00 | 67.74 3.97 0.00 | 64.26 3.71 0.00 | 100.79 6.07 0.00 | 68.23 4.51 0.00 | 62.31 4.44 0.00 | 37.95 2.85 0.00 | 50.71 4.23 -0.79 | 49.36 3.87 -4.29 | 47.58 4.02 0.00 | 63.28 5.16 0.00 | 77.77 5.89 0.00 | 80.84 4.23 -27.81 | 110.54 8.31 -7.03 | 178.34 12.26 -31.05 | 152.48 10.74 -24.06 | 136.14 6.96 -55.16 | 121.51 9.53 -5.69 | 101.24 7.98 0.00 | 101.73 7.90 0.00 | 116.39 8.97 0.00 |
| RAVENSWOOD_GT_1 23729 | 84.66 5.02 0.00 | 74.93 4.49 0.00 | 74.14 4.49 0.00 | 75.35 4.65 0.00 | 67.84 4.08 0.00 | 64.35 3.79 0.00 | 100.98 6.26 0.00 | 68.41 4.66 -0.03 | 62.84 4.58 -0.39 | 42.57 2.97 -4.51 | 53.10 4.42 -2.99 | 53.92 4.04 -8.68 | 52.52 4.20 -4.75 | 65.23 5.35 -1.76 | 77.99 6.07 -0.04 | 94.66 4.37 -41.49 | 121.09 8.59 -17.30 | 211.17 12.56 -63.59 | 198.88 11.00 -70.19 | 197.66 7.14 -116.52 | 139.32 9.81 -23.21 | 115.36 8.22 -13.88 | 106.88 8.12 -4.93 | 116.70 9.28 0.00 |
| RAVENSWOOD_GT_10 24258 | 84.39 4.74 0.00 | 74.67 4.24 0.00 | 73.90 4.24 0.00 | 75.13 4.44 0.00 | 67.66 3.89 0.00 | 64.18 3.63 0.00 | 100.67 5.95 0.00 | 68.12 4.40 0.00 | 62.27 4.35 -0.05 | 38.42 2.80 -0.52 | 50.88 4.14 -1.04 | 49.79 3.80 -4.80 | 48.05 3.94 -0.55 | 63.38 5.05 -0.20 | 77.63 5.75 0.00 | 82.34 4.16 -29.39 | 111.55 8.13 -8.21 | 181.82 11.99 -34.81 | 157.58 10.52 -29.38 | 143.08 6.83 -62.24 | 123.38 9.38 -7.71 | 102.68 7.82 -1.60 | 102.17 7.77 -0.57 | 116.24 8.82 0.00 |
| RAVENSWOOD_GT_11 24259 | 84.39 4.74 0.00 | 74.67 4.24 0.00 | 73.90 4.24 0.00 | 75.13 4.44 0.00 | 67.66 3.89 0.00 | 64.18 3.63 0.00 | 100.67 5.95 0.00 | 68.12 4.40 0.00 | 62.27 4.35 -0.05 | 38.42 2.80 -0.52 | 50.88 4.14 -1.04 | 49.79 3.80 -4.80 | 48.05 3.94 -0.55 | 63.38 5.05 -0.20 | 77.63 5.75 0.00 | 82.34 4.16 -29.39 | 111.55 8.13 -8.21 | 181.82 11.99 -34.81 | 157.58 10.52 -29.38 | 143.08 6.83 -62.24 | 123.38 9.38 -7.71 | 102.68 7.82 -1.60 | 102.17 7.77 -0.57 | 116.24 8.82 0.00 |
| RAVENSWOOD_GT_4 24252 | 84.35 4.70 0.00 | 74.66 4.23 0.00 | 73.88 4.22 0.00 | 75.12 4.42 0.00 | 67.65 3.88 0.00 | 64.17 3.61 0.00 | 100.65 5.93 0.00 | 68.13 4.38 -0.03 | 62.49 4.32 -0.30 | 41.30 2.78 -3.43 | 52.27 4.12 -2.46 | 52.59 3.77 -7.62 | 51.08 3.91 -3.61 | 64.47 5.01 -1.34 | 77.61 5.70 -0.03 | 91.16 4.13 -38.23 | 118.11 8.07 -14.85 | 202.79 11.94 -55.83 | 187.33 10.46 -59.19 | 182.66 6.77 -101.88 | 134.63 9.31 -19.03 | 111.60 7.77 -10.57 | 105.27 7.69 -3.75 | 116.14 8.73 0.00 |
| RAVENSWOOD_GT_5 24254 | 84.35 4.70 0.00 | 74.66 4.23 0.00 | 73.88 4.22 0.00 | 75.12 4.42 0.00 | 67.65 3.88 0.00 | 64.17 3.61 0.00 | 100.65 5.93 0.00 | 68.13 4.38 -0.03 | 62.49 4.32 -0.30 | 41.30 2.78 -3.43 | 52.27 4.12 -2.46 | 52.59 3.77 -7.62 | 51.08 3.91 -3.61 | 64.47 5.01 -1.34 | 77.61 5.70 -0.03 | 91.16 4.13 -38.23 | 118.11 8.07 -14.85 | 202.79 11.94 -55.83 | 187.33 10.46 -59.19 | 182.66 6.77 -101.88 | 134.63 9.31 -19.03 | 111.60 7.77 -10.57 | 105.27 7.69 -3.75 | 116.14 8.73 0.00 |
| RAVENSWOOD_GT_6 24253 | 84.35 4.70 0.00 | 74.66 4.23 0.00 | 73.88 4.22 0.00 | 75.12 4.42 0.00 | 67.65 3.88 0.00 | 64.17 3.61 0.00 | 100.65 5.93 0.00 | 68.13 4.38 -0.03 | 62.49 4.32 -0.30 | 41.30 2.78 -3.43 | 52.27 4.12 -2.46 | 52.59 3.77 -7.62 | 51.08 3.91 -3.61 | 64.47 5.01 -1.34 | 77.61 5.70 -0.03 | 91.16 4.13 -38.23 | 118.11 8.07 -14.85 | 202.79 11.94 -55.83 | 187.33 10.46 -59.19 | 182.66 6.77 -101.88 | 134.63 9.31 -19.03 | 111.60 7.77 -10.57 | 105.27 7.69 -3.75 | 116.14 8.73 0.00 |
| RAVENSWOOD_GT_7 24255 | 84.35 4.70 0.00 | 74.66 4.23 0.00 | 73.88 4.22 0.00 | 75.12 4.42 0.00 | 67.65 3.88 0.00 | 64.17 3.61 0.00 | 100.65 5.93 0.00 | 68.13 4.38 -0.03 | 62.49 4.32 -0.30 | 41.30 2.78 -3.43 | 52.27 4.12 -2.46 | 52.59 3.77 -7.62 | 51.08 3.91 -3.61 | 64.47 5.01 -1.34 | 77.61 5.70 -0.03 | 91.16 4.13 -38.23 | 118.11 8.07 -14.85 | 202.79 11.94 -55.83 | 187.33 10.46 -59.19 | 182.66 6.77 -101.88 | 134.63 9.31 -19.03 | 111.60 7.77 -10.57 | 105.27 7.69 -3.75 | 116.14 8.73 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 84.39 4.74 0.00 | 74.67 4.24 0.00 | 73.90 4.24 0.00 | 75.13 4.44 0.00 | 67.66 3.89 0.00 | 64.18 3.63 0.00 | 100.67 5.95 0.00 | 68.12 4.40 0.00 | 62.27 4.35 -0.05 | 38.42 2.80 -0.52 | 50.88 4.14 -1.04 | 49.79 3.80 -4.80 | 48.05 3.94 -0.55 | 63.38 5.05 -0.20 | 77.63 5.75 0.00 | 82.34 4.16 -29.39 | 111.55 8.13 -8.21 | 181.82 11.99 -34.81 | 157.58 10.52 -29.38 | 143.08 6.83 -62.24 | 123.38 9.38 -7.71 | 102.68 7.82 -1.60 | 102.17 7.77 -0.57 | 116.24 8.82 0.00 |

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| RAVENSWOOD_GT_9 24257 | 84.39 4.74 0.00 | 74.67 4.24 0.00 | 73.90 4.24 0.00 | 75.13 4.44 0.00 | 67.66 3.89 0.00 | 64.18 3.63 0.00 | 100.67 5.95 0.00 | 68.12 4.40 0.00 | 62.27 4.35 -0.05 | 38.42 2.80 -0.52 | 50.88 4.14 -1.04 | 49.79 3.80 -4.80 | 48.05 3.94 -0.55 | 63.38 5.05 -0.20 | 77.63 5.75 0.00 | 82.34 4.16 -29.39 | 111.55 8.13 -8.21 | 181.82 11.99 -34.81 | 157.58 10.52 -29.38 | 143.08 6.83 -62.24 | 123.38 9.38 -7.71 | 102.68 7.82 -1.60 | 102.17 7.77 -0.57 | 116.24 8.82 0.00 |
| RAVENSWOOD___1 23533 | 84.56 4.91 0.00 | 74.84 4.40 0.00 | 74.05 4.39 0.00 | 75.25 4.56 0.00 | 67.77 4.00 0.00 | 64.27 3.71 0.00 | 100.82 6.10 0.00 | 68.23 4.55 0.03 | 61.96 4.48 0.38 | 33.57 2.91 4.44 | 48.67 4.35 1.37 | 45.17 3.99 0.01 | 43.04 4.15 4.67 | 61.66 5.27 1.73 | 77.78 5.95 0.04 | 67.45 4.32 -14.33 | 100.63 8.51 3.08 | 146.49 12.46 0.99 | 107.22 10.92 21.38 | 75.85 7.09 5.25 | 104.43 9.71 11.57 | 87.69 8.10 13.66 | 97.00 8.02 4.85 | 116.56 9.15 0.00 |
| RAVENSWOOD___2 23534 | 84.56 4.91 0.00 | 74.84 4.40 0.00 | 74.05 4.39 0.00 | 75.25 4.56 0.00 | 67.77 4.00 0.00 | 64.27 3.71 0.00 | 100.82 6.10 0.00 | 68.23 4.55 0.03 | 61.96 4.48 0.38 | 33.57 2.91 4.44 | 48.67 4.35 1.37 | 45.17 3.99 0.01 | 43.04 4.15 4.67 | 61.66 5.27 1.73 | 77.78 5.95 0.04 | 67.45 4.32 -14.33 | 100.63 8.51 3.08 | 146.49 12.46 0.99 | 107.22 10.92 21.38 | 75.85 7.09 5.25 | 104.43 9.71 11.57 | 87.69 8.10 13.66 | 97.00 8.02 4.85 | 116.56 9.15 0.00 |
| RAVENSWOOD___3 23535 | 84.37 4.72 0.00 | 74.68 4.24 0.00 | 73.91 4.26 0.00 | 75.14 4.45 0.00 | 67.66 3.90 0.00 | 64.18 3.63 0.00 | 100.67 5.95 0.00 | 68.11 4.39 0.00 | 62.22 4.35 0.00 | 37.90 2.80 0.00 | 50.63 4.15 -0.79 | 49.30 3.81 -4.29 | 47.51 3.95 0.00 | 63.19 5.07 0.00 | 77.62 5.74 0.00 | 80.76 4.15 -27.81 | 110.36 8.13 -7.03 | 178.12 12.05 -31.05 | 152.29 10.56 -24.06 | 136.00 6.82 -55.16 | 121.37 9.39 -5.69 | 101.08 7.82 0.00 | 101.60 7.77 0.00 | 116.23 8.82 0.00 |
| RAVENSWOOD___4 23820 | 84.56 4.91 0.00 | 74.84 4.40 0.00 | 74.05 4.39 0.00 | 75.25 4.56 0.00 | 67.77 4.00 0.00 | 64.27 3.71 0.00 | 100.82 6.10 0.00 | 68.23 4.55 0.03 | 61.96 4.48 0.38 | 33.57 2.91 4.44 | 48.67 4.35 1.37 | 45.17 3.99 0.01 | 43.04 4.15 4.67 | 61.66 5.27 1.73 | 77.78 5.95 0.04 | 67.45 4.32 -14.33 | 100.63 8.51 3.08 | 146.49 12.46 0.99 | 107.22 10.92 21.38 | 75.85 7.09 5.25 | 104.43 9.71 11.57 | 87.69 8.10 13.66 | 97.00 8.02 4.85 | 116.56 9.15 0.00 |
| RCPL_TRUST___DRP 24196 | 84.31 4.67 0.00 | 74.61 4.18 0.00 | 73.84 4.18 0.00 | 75.08 4.38 0.00 | 67.61 3.84 0.00 | 64.14 3.58 0.00 | 100.64 5.93 0.00 | 68.10 4.38 0.00 | 62.20 4.33 0.00 | 37.87 2.78 0.00 | 50.61 4.12 -0.79 | 49.26 3.77 -4.30 | 47.47 3.91 0.00 | 63.13 5.01 0.00 | 77.57 5.69 0.00 | 80.73 4.12 -27.80 | 110.29 11.91 -7.03 | 177.98 10.45 -31.05 | 152.18 6.76 -24.05 | 135.93 9.30 -55.15 | 121.28 7.75 -5.69 | 101.01 7.82 0.00 | 101.51 7.68 0.00 | 116.14 8.72 0.00 |
| RED___ROCHESTER 323720 | 75.06 -4.59 0.00 | 66.33 -4.11 0.00 | 65.51 -4.14 0.00 | 66.35 -4.34 0.00 | 59.77 -4.00 0.00 | 57.04 -3.52 0.00 | 89.41 -5.31 0.00 | 59.41 -4.31 0.00 | 54.18 -3.68 0.00 | 32.14 -1.92 1.03 | 36.79 -2.72 6.18 | 31.55 -2.36 7.29 | 40.19 -2.47 0.90 | 48.67 -3.11 6.34 | 63.20 -3.89 4.79 | 41.19 -2.72 4.90 | 85.10 -5.53 4.57 | 127.04 -7.76 0.22 | 107.49 -6.98 3.21 | 69.54 -4.53 -0.07 | 97.25 -6.69 2.35 | 83.06 -5.76 4.44 | 88.72 -5.11 0.00 | 100.70 -6.71 0.00 |
| REGAN___SOLAR 323812 | 84.31 4.67 0.00 | 74.53 4.09 0.00 | 73.71 4.05 0.00 | 74.73 4.03 0.00 | 67.42 3.65 0.00 | 64.06 3.50 0.00 | 100.62 5.90 0.00 | 67.79 4.07 0.00 | 61.52 3.65 0.00 | 37.02 1.93 0.00 | 48.89 2.11 -1.09 | 42.55 1.52 0.16 | 45.48 1.92 0.00 | 60.93 2.81 0.00 | 76.31 4.43 0.00 | 92.22 3.31 -40.11 | 131.84 6.75 -29.89 | 288.65 9.88 -143.75 | 211.72 8.43 -85.61 | 204.93 5.24 -125.68 | 135.48 7.47 -21.71 | 99.52 6.26 0.00 | 99.94 6.11 0.00 | 114.01 6.60 0.00 |
| RENSSELAER___COGEN 23796 | 82.39 2.75 0.00 | 73.09 2.65 0.00 | 72.40 2.75 0.00 | 73.53 2.84 0.00 | 66.46 2.69 0.00 | 63.02 2.46 0.00 | 98.22 3.50 0.00 | 66.09 2.37 0.00 | 60.08 2.21 0.00 | 36.43 1.33 0.00 | 48.65 1.98 -0.98 | 42.60 1.60 0.20 | 45.19 1.63 0.00 | 60.38 2.25 0.00 | 74.51 2.63 0.00 | 87.23 2.05 -36.38 | 118.18 3.91 -19.06 | 225.66 5.63 -85.01 | 175.11 4.88 -52.54 | 165.78 3.18 -88.60 | 124.58 4.45 -13.83 | 97.09 3.83 0.00 | 97.66 3.83 0.00 | 112.12 4.71 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 87.26 7.61 0.00 | 77.69 7.25 0.00 | 76.93 7.27 0.00 | 77.99 7.30 0.00 | 70.54 6.77 0.00 | 67.02 6.46 0.00 | 106.01 11.29 0.00 | 70.67 6.96 0.00 | 64.73 6.86 0.00 | 38.64 3.54 0.00 | 51.39 4.68 -1.01 | 44.89 3.86 0.16 | 48.17 4.61 0.00 | 64.52 6.39 0.00 | 80.20 8.33 0.00 | 93.12 6.82 -37.51 | 139.43 13.90 -30.33 | 300.20 19.95 -145.23 | 222.02 17.66 -86.68 | 209.84 10.90 -124.93 | 143.29 14.97 -22.03 | 106.11 12.85 0.00 | 106.24 12.40 0.00 | 121.53 14.12 0.00 |
| REVERE_CPWR_DRP 24186 | 81.98 2.33 0.00 | 72.54 2.11 0.00 | 71.83 2.17 0.00 | 72.84 2.15 0.00 | 65.73 1.96 0.00 | 62.34 1.78 0.00 | 98.27 3.56 0.00 | 66.05 2.33 0.00 | 60.02 2.15 0.00 | 36.38 1.28 0.00 | 47.36 1.63 -0.04 | 42.67 1.48 0.00 | 45.05 1.49 0.00 | 60.19 2.07 0.00 | 74.36 2.49 0.00 | 51.94 1.74 -1.41 | 98.72 3.52 0.00 | 139.78 4.76 0.00 | 121.71 4.03 0.00 | 77.64 2.49 -1.14 | 109.57 3.28 0.00 | 96.35 3.09 0.00 | 96.50 2.67 0.00 | 109.95 2.54 0.00 |
| REYNOLDS_115KV_TB3 80639 | 82.59 2.95 0.00 | 73.30 2.87 0.00 | 72.60 2.94 0.00 | 73.73 3.04 0.00 | 66.64 2.87 0.00 | 63.18 2.63 0.00 | 98.50 3.79 0.00 | 66.28 2.56 0.00 | 60.27 2.40 0.00 | 36.51 1.42 0.00 | 48.74 2.06 -0.99 | 42.73 1.69 0.16 | 45.29 1.73 0.00 | 60.51 2.39 0.00 | 74.67 2.80 0.00 | 87.49 2.22 -36.46 | 119.89 4.18 -20.51 | 233.84 5.99 -92.83 | 179.90 5.22 -57.01 | 170.73 3.39 -93.33 | 125.93 4.75 -14.89 | 97.35 4.09 0.00 | 97.96 4.13 0.00 | 112.35 4.94 0.00 |
| RIVERBAY____ 323610 | 84.85 5.20 0.00 | 75.04 4.60 0.00 | 74.31 4.66 0.00 | 75.54 4.85 0.00 | 67.88 4.12 0.00 | 64.48 3.92 0.00 | 101.35 6.63 0.00 | 68.63 4.91 0.00 | 62.59 4.72 0.00 | 38.20 3.10 0.00 | 50.97 4.48 -0.79 | 49.47 3.98 -4.30 | 47.64 4.07 -0.01 | 63.47 5.35 0.00 | 78.01 6.13 0.00 | 81.00 4.40 -27.81 | 111.04 8.80 -7.03 | 178.92 12.85 -31.05 | 153.02 11.29 -24.06 | 136.54 7.36 -55.16 | 121.81 9.83 -5.69 | 101.49 8.23 0.00 | 102.00 8.17 0.00 | 116.74 9.32 0.00 |
| RIVERSIDE_115KV_TB3 55908 | 82.59 2.94 0.00 | 73.27 2.83 0.00 | 72.58 2.92 0.00 | 73.70 3.01 0.00 | 66.62 2.85 0.00 | 63.16 2.61 0.00 | 98.49 3.77 0.00 | 66.28 2.56 0.00 | 60.27 2.40 0.00 | 36.53 1.43 0.00 | 48.78 2.10 -0.99 | 42.73 1.72 0.18 | 45.33 1.77 0.00 | 60.55 2.43 0.00 | 74.72 2.85 0.00 | 87.57 2.24 -36.53 | 120.15 4.24 -20.71 | 234.94 6.08 -93.84 | 180.50 5.26 -57.57 | 171.38 3.42 -93.94 | 126.14 4.82 -15.04 | 97.37 4.12 0.00 | 97.94 4.11 0.00 | 112.36 4.94 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 79.36 -0.28 0.00 | 69.98 -0.45 0.00 | 69.32 -0.34 0.00 | 70.28 -0.42 0.00 | 63.06 -0.70 0.00 | 60.06 -0.50 0.00 | 94.05 -0.67 0.00 | 63.00 -0.72 0.00 | 56.87 -1.01 0.00 | 34.40 -0.70 0.00 | 44.85 -0.84 0.00 | 40.52 -0.68 0.00 | 42.75 -0.81 0.00 | 57.06 -1.06 0.00 | 70.70 -1.18 0.00 | 47.78 -1.02 0.00 | 93.22 -1.98 0.00 | 132.04 -2.98 0.00 | 115.04 -2.64 0.00 | 72.31 -1.69 0.00 | 104.33 -1.96 0.00 | 91.66 -1.60 0.00 | 91.88 -1.94 0.00 | 105.34 -2.07 0.00 |

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| ROCHESRG_115KV_T4 355643 | 74.05 -5.60 0.00 | 65.45 -4.98 0.00 | 64.68 -4.97 0.00 | 65.53 -5.16 0.00 | 59.04 -4.73 0.00 | 56.34 -4.21 0.00 | 88.27 -6.45 0.00 | 58.58 -5.14 0.00 | 53.39 -4.48 0.00 | 31.68 -2.41 1.01 | 36.34 -3.33 6.03 | 31.14 -2.94 7.11 | 39.60 -3.09 0.88 | 48.02 -3.92 6.19 | 62.25 -4.95 4.68 | 40.65 -3.43 4.72 | 83.71 -7.03 4.46 | 124.95 -9.86 0.21 | 105.85 -8.70 3.13 | 68.53 -5.60 -0.13 | 95.76 -8.23 2.30 | 81.81 -7.12 4.33 | 87.44 -6.39 0.00 | 99.36 -8.05 0.00 |
| ROCHESTER_9_IC 23652 | 74.54 -5.11 0.00 | 65.88 -4.56 0.00 | 65.08 -4.58 0.00 | 65.93 -4.76 0.00 | 59.40 -4.37 0.00 | 56.70 -3.86 0.00 | 88.86 -5.86 0.00 | 58.97 -4.75 0.00 | 53.77 -4.09 0.00 | 31.89 -2.17 1.03 | 36.49 -3.03 6.18 | 31.24 -2.67 7.29 | 39.87 -2.78 0.90 | 48.28 -3.50 6.34 | 62.64 -4.45 4.79 | 40.82 -3.09 4.90 | 84.30 -6.33 4.57 | 126.00 -8.80 0.22 | 106.72 -7.76 3.21 | 69.03 -5.05 -0.07 | 96.49 -7.45 2.35 | 82.35 -6.47 4.44 | 88.08 -5.75 0.00 | 100.03 -7.38 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 84.57 4.92 0.00 | 74.85 4.42 0.00 | 74.06 4.40 0.00 | 75.27 4.58 0.00 | 67.79 4.02 0.00 | 64.30 3.74 0.00 | 100.88 6.17 0.00 | 68.25 4.53 0.00 | 62.33 4.46 0.00 | 37.93 2.83 0.00 | 50.62 4.14 -0.79 | 49.27 3.77 -4.30 | 47.48 3.92 0.00 | 63.20 5.07 0.00 | 77.70 5.82 0.00 | 80.82 4.22 -27.81 | 110.49 8.26 -7.03 | 178.24 12.17 -31.05 | 152.41 10.68 -24.06 | 136.08 6.91 -55.16 | 121.50 9.52 -5.69 | 101.24 7.98 0.00 | 101.75 7.92 0.00 | 116.36 8.95 0.00 |
| ROME____115KV_TB2 80656 | 81.98 2.33 0.00 | 72.54 2.11 0.00 | 71.83 2.17 0.00 | 72.84 2.15 0.00 | 65.73 1.96 0.00 | 62.34 1.78 0.00 | 98.27 3.56 0.00 | 66.05 2.33 0.00 | 60.02 2.15 0.00 | 36.38 1.28 0.00 | 47.36 1.63 -0.04 | 42.67 1.48 0.00 | 45.05 1.49 0.00 | 60.19 2.07 0.00 | 74.36 2.49 0.00 | 51.94 1.74 -1.41 | 98.72 3.52 0.00 | 139.78 4.76 0.00 | 121.71 4.03 0.00 | 77.64 2.49 -1.14 | 109.57 3.28 0.00 | 96.35 3.09 0.00 | 96.50 2.67 0.00 | 109.95 2.54 0.00 |
| ROSETON___1 23587 | 83.71 4.06 0.00 | 74.12 3.68 0.00 | 73.33 3.68 0.00 | 74.55 3.85 0.00 | 67.17 3.41 0.00 | 63.69 3.13 0.00 | 99.85 5.14 0.00 | 67.47 3.75 0.00 | 61.57 3.70 0.00 | 37.46 2.37 0.00 | 49.87 3.44 -0.74 | 47.44 3.09 -3.16 | 46.75 3.19 0.00 | 62.30 4.18 0.00 | 76.61 4.73 0.00 | 79.81 3.51 -27.51 | 109.02 6.86 -6.96 | 175.84 10.14 -30.69 | 150.33 8.89 -23.76 | 134.26 5.75 -54.50 | 119.84 7.93 -5.62 | 99.89 6.63 0.00 | 100.43 6.60 0.00 | 114.92 7.50 0.00 |
| ROSETON___2 23588 | 83.71 4.06 0.00 | 74.12 3.68 0.00 | 73.33 3.68 0.00 | 74.55 3.85 0.00 | 67.17 3.41 0.00 | 63.69 3.13 0.00 | 99.85 5.14 0.00 | 67.47 3.75 0.00 | 61.57 3.70 0.00 | 37.46 2.37 0.00 | 49.87 3.44 -0.74 | 47.44 3.09 -3.16 | 46.75 3.19 0.00 | 62.30 4.18 0.00 | 76.61 4.73 0.00 | 79.81 3.51 -27.51 | 109.02 6.86 -6.96 | 175.84 10.14 -30.69 | 150.33 8.89 -23.76 | 134.26 5.75 -54.50 | 119.84 7.93 -5.62 | 99.89 6.63 0.00 | 100.43 6.60 0.00 | 114.92 7.50 0.00 |
| ROTRRDAM_115KV_TB3 80664 | 82.11 2.46 0.00 | 72.81 2.37 0.00 | 72.07 2.42 0.00 | 73.16 2.46 0.00 | 66.01 2.25 0.00 | 62.60 2.04 0.00 | 97.90 3.18 0.00 | 65.87 2.16 0.00 | 59.94 2.07 0.00 | 36.31 1.22 0.00 | 48.40 1.68 -1.03 | 42.36 1.39 0.22 | 45.06 1.50 0.00 | 60.15 2.03 0.00 | 74.41 2.53 0.00 | 88.69 1.98 -37.92 | 131.55 3.80 -32.55 | 297.44 5.47 -156.95 | 215.68 4.73 -93.28 | 209.14 3.10 -132.04 | 134.27 4.34 -23.64 | 96.91 3.65 0.00 | 97.45 3.62 0.00 | 111.52 4.11 0.00 |
| RUSSELL___1 23602 | 74.98 -4.67 0.00 | 66.26 -4.18 0.00 | 65.46 -4.20 0.00 | 66.29 -4.40 0.00 | 59.74 -4.03 0.00 | 57.01 -3.54 0.00 | 89.35 -5.37 0.00 | 59.33 -4.39 0.00 | 54.11 -3.76 0.00 | 32.10 -1.96 1.03 | 36.77 -2.75 6.18 | 31.51 -2.40 7.29 | 40.15 -2.51 0.90 | 48.67 -3.11 6.34 | 63.13 -3.95 4.79 | 41.15 -2.75 4.90 | 84.97 -5.67 4.57 | 127.02 -7.77 0.22 | 107.54 -6.93 3.21 | 69.57 -4.50 -0.07 | 97.24 -6.70 2.35 | 83.00 -5.82 4.44 | 88.69 -5.14 0.00 | 100.68 -6.73 0.00 |
| RUSSELL___2 23532 | 74.98 -4.67 0.00 | 66.26 -4.18 0.00 | 65.46 -4.20 0.00 | 66.29 -4.40 0.00 | 59.74 -4.03 0.00 | 57.01 -3.54 0.00 | 89.35 -5.37 0.00 | 59.33 -4.39 0.00 | 54.11 -3.76 0.00 | 32.10 -1.96 1.03 | 36.77 -2.75 6.18 | 31.51 -2.40 7.29 | 40.15 -2.51 0.90 | 48.67 -3.11 6.34 | 63.13 -3.95 4.79 | 41.15 -2.75 4.90 | 84.97 -5.67 4.57 | 127.02 -7.77 0.22 | 107.54 -6.93 3.21 | 69.57 -4.50 -0.07 | 97.24 -6.70 2.35 | 83.00 -5.82 4.44 | 88.69 -5.14 0.00 | 100.68 -6.73 0.00 |
| RUSSELL___3 23549 | 74.98 -4.67 0.00 | 66.26 -4.18 0.00 | 65.46 -4.20 0.00 | 66.29 -4.40 0.00 | 59.74 -4.03 0.00 | 57.01 -3.54 0.00 | 89.35 -5.37 0.00 | 59.33 -4.39 0.00 | 54.11 -3.76 0.00 | 32.10 -1.96 1.03 | 36.77 -2.75 6.18 | 31.51 -2.40 7.29 | 40.15 -2.51 0.90 | 48.67 -3.11 6.34 | 63.13 -3.95 4.79 | 41.15 -2.75 4.90 | 84.97 -5.67 4.57 | 127.02 -7.77 0.22 | 107.54 -6.93 3.21 | 69.57 -4.50 -0.07 | 97.24 -6.70 2.35 | 83.00 -5.82 4.44 | 88.69 -5.14 0.00 | 100.68 -6.73 0.00 |
| RUSSELL___4 23556 | 74.98 -4.67 0.00 | 66.26 -4.18 0.00 | 65.46 -4.20 0.00 | 66.29 -4.40 0.00 | 59.74 -4.03 0.00 | 57.01 -3.54 0.00 | 89.35 -5.37 0.00 | 59.33 -4.39 0.00 | 54.11 -3.76 0.00 | 32.10 -1.96 1.03 | 36.77 -2.75 6.18 | 31.51 -2.40 7.29 | 40.15 -2.51 0.90 | 48.67 -3.11 6.34 | 63.13 -3.95 4.79 | 41.15 -2.75 4.90 | 84.97 -5.67 4.57 | 127.02 -7.77 0.22 | 107.54 -6.93 3.21 | 69.57 -4.50 -0.07 | 97.24 -6.70 2.35 | 83.00 -5.82 4.44 | 88.69 -5.14 0.00 | 100.68 -6.73 0.00 |
| RUSSELL___STATION 23914 | 74.98 -4.67 0.00 | 66.26 -4.18 0.00 | 65.46 -4.20 0.00 | 66.29 -4.40 0.00 | 59.74 -4.03 0.00 | 57.01 -3.54 0.00 | 89.35 -5.37 0.00 | 59.33 -4.39 0.00 | 54.11 -3.76 0.00 | 32.10 -1.96 1.03 | 36.77 -2.75 6.18 | 31.51 -2.40 7.29 | 40.15 -2.51 0.90 | 48.67 -3.11 6.34 | 63.13 -3.95 4.79 | 41.15 -2.75 4.90 | 84.97 -5.67 4.57 | 127.02 -7.77 0.22 | 107.54 -6.93 3.21 | 69.57 -4.50 -0.07 | 97.24 -6.70 2.35 | 83.00 -5.82 4.44 | 88.69 -5.14 0.00 | 100.68 -6.73 0.00 |
| S SALMON___HYD 24043 | 77.48 -2.17 0.00 | 68.41 -2.03 0.00 | 67.79 -1.86 0.00 | 68.74 -1.95 0.00 | 61.95 -1.82 0.00 | 58.67 -1.89 0.00 | 92.50 -2.22 0.00 | 62.14 -1.58 0.00 | 56.32 -1.54 0.00 | 34.09 -1.00 0.00 | 44.43 -1.32 -0.05 | 40.07 -1.13 0.00 | 42.16 -1.40 0.00 | 56.41 -1.71 0.00 | 69.65 -2.22 0.00 | 49.46 -1.39 -2.05 | 92.49 -2.71 0.00 | 131.22 -3.80 0.00 | 114.39 -3.28 0.00 | 73.60 -2.07 -1.66 | 103.29 -3.00 0.00 | 91.09 -2.17 0.00 | 91.29 -2.54 0.00 | 103.87 -3.55 0.00 |
| S.PERRY__115KV_TB1 80734 | 164.15 -3.34 -87.85 | 147.88 -3.21 -80.65 | 146.70 -3.27 -80.31 | 149.01 -3.32 -81.64 | 133.26 -3.08 -72.57 | 119.71 -2.87 -62.02 | 177.05 -3.98 -86.31 | 138.33 -3.16 -77.78 | 130.36 -2.37 -74.86 | 78.37 -1.16 -44.43 | 42.27 -1.90 1.52 | 30.08 -1.67 9.45 | 85.70 -1.96 -44.09 | 61.98 -2.25 -6.10 | 95.40 -2.94 -26.46 | 36.46 -1.88 10.46 | 143.67 -3.63 -52.10 | 250.54 -4.73 -120.24 | 195.11 -4.31 -81.74 | 141.21 -2.68 -69.88 | 183.12 -4.39 -81.22 | 139.57 -3.93 -50.24 | 181.98 -3.38 -91.53 | 205.35 -4.80 -102.73 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 46.71 -8.86 24.07 | 40.48 -7.84 22.11 | 39.79 -7.86 22.00 | 40.15 -8.18 22.37 | 36.38 -7.51 19.88 | 36.91 -6.65 17.00 | 60.70 -10.37 23.65 | 33.99 -8.41 21.32 | 29.90 -7.45 20.52 | 16.00 -4.08 15.01 | 23.44 -5.65 16.61 | 18.50 -5.07 17.63 | 23.62 -5.32 14.62 | 32.35 -6.74 19.04 | 43.05 -8.45 20.38 | 28.58 -5.94 14.28 | 57.75 -12.22 25.23 | 88.00 -17.27 29.75 | 74.64 -15.12 27.92 | 46.73 -9.59 17.69 | 64.80 -13.90 27.59 | 55.43 -11.89 25.93 | 58.28 -10.47 25.08 | 66.28 -12.99 28.14 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| SAWYER___23_KV_LOAD 55526 | 46.71 -8.86 24.07 | 40.48 -7.84 22.11 | 39.79 -7.86 22.00 | 40.15 -8.18 22.37 | 36.38 -7.51 19.88 | 36.91 -6.65 17.00 | 60.70 -10.37 23.65 | 33.99 -8.41 21.32 | 29.90 -7.45 20.52 | 16.00 -4.08 15.01 | 23.44 -5.65 16.61 | 18.50 -5.07 17.63 | 23.62 -5.32 14.62 | 32.35 -6.74 19.04 | 43.05 -8.45 20.38 | 28.58 -5.94 14.28 | 57.75 -12.22 25.23 | 88.00 -17.27 29.75 | 74.64 -15.12 27.92 | 46.73 -9.59 17.69 | 64.80 -13.90 27.59 | 55.43 -11.89 25.93 | 58.28 -10.47 25.08 | 66.28 -12.99 28.14 |
| SELKIRK___I 23801 | 82.47 2.82 0.00 | 73.19 2.76 0.00 | 72.53 2.88 0.00 | 73.65 2.96 0.00 | 66.49 2.72 0.00 | 63.07 2.51 0.00 | 98.31 3.59 0.00 | 66.09 2.37 0.00 | 60.05 2.19 0.00 | 36.40 1.30 0.00 | 48.50 1.84 -0.97 | 42.56 1.48 0.12 | 45.08 1.52 0.00 | 60.20 2.08 0.00 | 74.38 2.51 0.00 | 86.56 2.02 -35.74 | 114.66 3.84 -15.62 | 207.35 5.41 -66.92 | 164.70 4.69 -42.33 | 154.60 3.06 -77.54 | 121.98 4.35 -11.34 | 97.02 3.76 0.00 | 97.64 3.81 0.00 | 112.00 4.59 0.00 |
| SELKIRK___II 23799 | 82.22 2.57 0.00 | 72.92 2.49 0.00 | 72.24 2.59 0.00 | 73.37 2.67 0.00 | 66.25 2.48 0.00 | 62.82 2.26 0.00 | 97.99 3.26 0.00 | 65.93 2.22 0.00 | 59.96 2.09 0.00 | 36.38 1.28 0.00 | 48.53 1.86 -0.98 | 42.47 1.53 0.26 | 45.12 1.56 0.00 | 60.25 2.13 0.00 | 74.37 2.49 0.00 | 86.95 1.94 -36.20 | 115.27 3.69 -16.38 | 210.79 5.26 -70.51 | 166.57 4.61 -44.29 | 156.84 3.00 -79.83 | 122.39 4.22 -11.87 | 96.88 3.62 0.00 | 97.47 3.64 0.00 | 111.81 4.39 0.00 |
| SENECA OSWGO___HYD 24041 | 76.80 -2.85 0.00 | 67.93 -2.50 0.00 | 67.17 -2.48 0.00 | 68.20 -2.49 0.00 | 61.50 -2.27 0.00 | 58.35 -2.20 0.00 | 91.47 -3.25 0.00 | 61.46 -2.26 0.00 | 55.96 -1.91 0.00 | 34.10 -1.00 0.00 | 44.38 -1.37 -0.06 | 40.05 -1.15 0.00 | 42.27 -1.29 0.00 | 56.35 -1.78 0.00 | 69.58 -2.30 0.00 | 49.66 -1.44 -2.30 | 92.29 -2.91 0.00 | 130.96 -4.06 0.00 | 114.14 -3.54 0.00 | 73.60 -2.27 -1.87 | 102.89 -3.40 0.00 | 90.21 -3.05 0.00 | 90.81 -3.02 0.00 | 103.68 -3.73 0.00 |
| SENECA___115KV_TB3 355854 | 46.74 -7.86 25.04 | 40.38 -6.93 23.12 | 39.79 -7.00 22.87 | 40.22 -7.27 23.21 | 36.43 -6.70 20.63 | 36.91 -5.93 17.72 | 60.97 -9.19 24.56 | 33.97 -7.50 22.25 | 29.88 -6.56 21.44 | 15.87 -3.54 15.68 | 23.36 -4.95 17.38 | 18.47 -4.43 18.30 | 23.66 -4.67 15.23 | 32.42 -5.84 19.86 | 43.21 -7.37 21.30 | 28.68 -5.17 14.95 | 58.09 -10.75 26.36 | 88.92 -15.03 31.07 | 75.41 -13.12 29.15 | 47.27 -8.29 18.45 | 65.39 -12.04 28.86 | 55.76 -10.38 27.12 | 58.66 -9.11 26.05 | 66.74 -11.47 29.20 |
| SENECA___ENERGY 23797 | 82.47 -3.11 -5.93 | 73.13 -2.75 -5.44 | 72.36 -2.71 -5.42 | 73.43 -2.77 -5.51 | 66.13 -2.53 -4.89 | 62.32 -2.42 -4.19 | 97.05 -3.49 -5.82 | 66.36 -2.61 -5.25 | 60.96 -1.96 -5.05 | 36.84 -0.98 -2.73 | 42.66 -1.41 1.62 | 37.59 -1.17 2.44 | 44.87 -1.44 -2.74 | 55.16 -1.75 1.22 | 70.21 -2.22 -0.55 | 47.95 -1.37 -0.52 | 95.33 -3.09 -3.21 | 141.16 -4.30 -10.44 | 120.73 -3.73 -6.77 | 81.37 -2.35 -9.71 | 108.13 -3.69 -5.52 | 92.17 -3.33 -2.25 | 96.80 -3.20 -6.18 | 110.26 -4.08 -6.93 |
| SHOEMAKER___GT 23640 | 83.16 3.51 0.00 | 73.62 3.18 0.00 | 72.83 3.18 0.00 | 74.01 3.31 0.00 | 66.69 2.93 0.00 | 63.23 2.68 0.00 | 99.14 4.42 0.00 | 66.94 3.22 0.00 | 61.04 3.17 0.00 | 37.14 2.04 0.00 | 49.28 2.94 -0.65 | 45.51 2.64 -1.68 | 46.29 2.73 0.00 | 61.62 3.49 0.00 | 75.90 4.03 0.00 | 77.18 2.99 -25.38 | 107.55 5.91 -6.44 | 171.80 8.70 -28.08 | 146.99 7.66 -21.65 | 128.79 4.97 -49.82 | 118.32 6.86 -5.17 | 98.97 5.71 0.00 | 99.51 5.68 0.00 | 113.84 6.43 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 83.10 3.46 0.00 | 73.57 3.14 0.00 | 72.78 3.13 0.00 | 73.96 3.27 0.00 | 66.66 2.89 0.00 | 63.19 2.64 0.00 | 99.09 4.37 0.00 | 66.94 3.22 0.00 | 61.04 3.18 0.00 | 37.12 2.02 0.00 | 49.27 2.93 -0.65 | 45.53 2.64 -1.69 | 46.28 2.71 0.00 | 61.62 3.50 0.00 | 75.90 4.03 0.00 | 76.99 2.98 -25.21 | 107.47 5.88 -6.40 | 171.54 8.65 -27.86 | 146.76 7.60 -21.48 | 128.41 4.96 -49.44 | 118.26 6.83 -5.14 | 98.93 5.67 0.00 | 99.48 5.65 0.00 | 113.82 6.41 0.00 |
| SHOREHAM_IC_1 23715 | 87.60 7.95 0.00 | 80.34 7.27 -2.63 | 76.81 7.16 0.00 | 77.99 7.30 0.00 | 70.30 6.53 0.00 | 67.77 6.28 -0.93 | 109.81 10.04 -5.06 | 70.82 7.10 0.00 | 64.63 6.77 0.00 | 39.26 4.17 0.00 | 52.12 5.63 -0.79 | 50.68 5.20 -4.29 | 48.82 5.26 0.00 | 64.88 6.76 0.00 | 80.25 8.37 0.00 | 82.84 6.23 -27.81 | 114.14 11.91 -7.03 | 183.00 16.92 -31.06 | 157.36 15.62 -24.06 | 139.14 9.96 -55.18 | 126.30 14.31 -5.69 | 105.09 11.83 0.00 | 105.86 12.03 0.00 | 120.39 12.98 0.00 |
| SHOREHAM_IC_2 23716 | 87.60 7.95 0.00 | 80.34 7.27 -2.63 | 76.81 7.16 0.00 | 77.99 7.30 0.00 | 70.30 6.53 0.00 | 67.77 6.28 -0.93 | 109.81 10.04 -5.06 | 70.82 7.10 0.00 | 64.63 6.77 0.00 | 39.26 4.17 0.00 | 52.12 5.63 -0.79 | 50.68 5.20 -4.29 | 48.82 5.26 0.00 | 64.88 6.76 0.00 | 80.25 8.37 0.00 | 82.84 6.23 -27.81 | 114.14 11.91 -7.03 | 183.00 16.92 -31.06 | 157.36 15.62 -24.06 | 139.14 9.96 -55.18 | 126.30 14.31 -5.69 | 105.09 11.83 0.00 | 105.86 12.03 0.00 | 120.39 12.98 0.00 |
| SISSONVILLE____ 23735 | 78.13 -1.52 0.00 | 68.73 -1.70 0.00 | 67.76 -1.90 0.00 | 68.62 -2.08 0.00 | 61.94 -1.83 0.00 | 59.12 -1.44 0.00 | 92.75 -1.96 0.00 | 62.40 -1.32 0.00 | 56.26 -1.61 0.00 | 33.74 -1.36 0.00 | 43.81 -1.89 0.00 | 39.47 -1.72 0.00 | 41.79 -1.78 0.00 | 55.89 -2.23 0.00 | 69.53 -2.35 0.00 | 46.98 -1.82 0.00 | 92.39 -2.81 0.00 | 131.20 -3.82 0.00 | 114.18 -3.49 0.00 | 71.62 -2.39 0.00 | 102.95 -3.34 0.00 | 90.64 -2.62 0.00 | 90.84 -2.99 0.00 | 104.00 -3.41 0.00 |
| SITHE_IND_GS1 24169 | 76.03 -3.61 0.00 | 67.26 -3.18 0.00 | 66.53 -3.13 0.00 | 67.51 -3.18 0.00 | 60.88 -2.88 0.00 | 57.79 -2.76 0.00 | 90.55 -4.17 0.00 | 60.80 -2.92 0.00 | 55.32 -2.55 0.00 | 33.70 -1.39 0.00 | 43.85 -1.89 -0.05 | 39.58 -1.62 0.00 | 41.79 -1.77 0.00 | 55.68 -2.45 0.00 | 68.79 -3.09 0.00 | 48.59 -2.02 -1.81 | 91.14 -4.06 0.00 | 129.34 -5.68 0.00 | 112.73 -4.95 0.00 | 72.35 -3.12 -1.47 | 101.70 -4.59 0.00 | 89.21 -4.04 0.00 | 89.81 -4.02 0.00 | 102.62 -4.79 0.00 |
| SITHE_IND_GS2 24170 | 76.03 -3.61 0.00 | 67.26 -3.18 0.00 | 66.53 -3.13 0.00 | 67.51 -3.18 0.00 | 60.88 -2.88 0.00 | 57.79 -2.76 0.00 | 90.55 -4.17 0.00 | 60.80 -2.92 0.00 | 55.32 -2.55 0.00 | 33.70 -1.39 0.00 | 43.85 -1.89 -0.05 | 39.58 -1.62 0.00 | 41.79 -1.77 0.00 | 55.68 -2.45 0.00 | 68.79 -3.09 0.00 | 48.59 -2.02 -1.81 | 91.14 -4.06 0.00 | 129.34 -5.68 0.00 | 112.73 -4.95 0.00 | 72.35 -3.12 -1.47 | 101.70 -4.59 0.00 | 89.21 -4.04 0.00 | 89.81 -4.02 0.00 | 102.62 -4.79 0.00 |
| SITHE_IND_GS3 24171 | 76.03 -3.61 0.00 | 67.26 -3.18 0.00 | 66.53 -3.13 0.00 | 67.51 -3.18 0.00 | 60.88 -2.88 0.00 | 57.79 -2.76 0.00 | 90.55 -4.17 0.00 | 60.80 -2.92 0.00 | 55.32 -2.55 0.00 | 33.70 -1.39 0.00 | 43.85 -1.89 -0.05 | 39.58 -1.62 0.00 | 41.79 -1.77 0.00 | 55.68 -2.45 0.00 | 68.79 -3.09 0.00 | 48.59 -2.02 -1.81 | 91.14 -4.06 0.00 | 129.34 -5.68 0.00 | 112.73 -4.95 0.00 | 72.35 -3.12 -1.47 | 101.70 -4.59 0.00 | 89.21 -4.04 0.00 | 89.81 -4.02 0.00 | 102.62 -4.79 0.00 |
| SITHE_IND_GS4 24172 | 76.03 -3.61 0.00 | 67.26 -3.18 0.00 | 66.53 -3.13 0.00 | 67.51 -3.18 0.00 | 60.88 -2.88 0.00 | 57.79 -2.76 0.00 | 90.55 -4.17 0.00 | 60.80 -2.92 0.00 | 55.32 -2.55 0.00 | 33.70 -1.39 0.00 | 43.85 -1.89 -0.05 | 39.58 -1.62 0.00 | 41.79 -1.77 0.00 | 55.68 -2.45 0.00 | 68.79 -3.09 0.00 | 48.59 -2.02 -1.81 | 91.14 -4.06 0.00 | 129.34 -5.68 0.00 | 112.73 -4.95 0.00 | 72.35 -3.12 -1.47 | 101.70 -4.59 0.00 | 89.21 -4.04 0.00 | 89.81 -4.02 0.00 | 102.62 -4.79 0.00 |

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| SITHE___BATAVIA 24024 | 62.14 -5.39 12.12 | 54.25 -4.85 11.33 | 53.69 -4.93 11.03 | 54.36 -5.18 11.16 | 49.07 -4.78 9.92 | 47.81 -4.13 8.62 | 76.71 -6.19 11.82 | 47.57 -5.30 10.85 | 42.80 -4.59 10.48 | 24.61 -2.36 8.12 | 30.80 -3.58 11.31 | 25.66 -3.28 12.26 | 32.12 -3.56 7.88 | 41.35 -4.26 12.52 | 54.17 -5.14 12.57 | 35.72 -3.66 9.41 | 73.41 -7.27 14.51 | 110.69 -10.15 14.18 | 93.78 -9.18 14.72 | 60.47 -5.99 7.55 | 82.62 -8.77 14.90 | 70.57 -7.41 15.28 | 75.03 -6.24 12.56 | 84.93 -8.45 14.04 |
| SITHE___INDEPEND 23800 | 76.03 -3.62 0.00 | 67.26 -3.18 0.00 | 66.53 -3.13 0.00 | 67.51 -3.18 0.00 | 60.88 -2.89 0.00 | 57.79 -2.76 0.00 | 90.54 -4.18 0.00 | 60.80 -2.92 0.00 | 55.32 -2.55 0.00 | 33.71 -1.39 0.00 | 43.85 -1.89 -0.05 | 39.58 -1.62 0.00 | 41.79 -1.77 0.00 | 55.68 -2.44 0.00 | 68.79 -3.09 0.00 | 48.58 -2.03 -1.81 | 91.12 -4.07 0.00 | 129.32 -5.70 0.00 | 112.73 -4.95 0.00 | 72.36 -3.11 -1.47 | 101.70 -4.59 0.00 | 89.20 -4.06 0.00 | 89.81 -4.02 0.00 | 102.62 -4.80 0.00 |
| SITHE___MASSENA 23902 | 80.07 0.43 0.00 | 70.54 0.11 0.00 | 69.52 -0.13 0.00 | 70.46 -0.23 0.00 | 63.61 -0.15 0.00 | 60.68 0.12 0.00 | 94.89 0.17 0.00 | 63.81 0.09 0.00 | 57.63 -0.24 0.00 | 34.70 -0.39 0.00 | 45.07 -0.62 0.00 | 40.65 -0.55 0.00 | 43.08 -0.49 0.00 | 57.55 -0.58 0.00 | 71.52 -0.36 0.00 | 48.31 -0.49 0.00 | 94.71 -0.49 0.00 | 134.37 -0.65 0.00 | 117.00 -0.68 0.00 | 73.44 -0.57 0.00 | 105.59 -0.70 0.00 | 92.76 -0.50 0.00 | 93.26 -0.57 0.00 | 106.93 -0.49 0.00 |
| SITHE___OGDNSBRG 24021 | 80.76 1.11 0.00 | 71.06 0.62 0.00 | 70.04 0.39 0.00 | 70.93 0.23 0.00 | 64.07 0.30 0.00 | 61.13 0.57 0.00 | 95.86 1.14 0.00 | 64.47 0.75 0.00 | 58.20 0.33 0.00 | 34.91 -0.18 0.00 | 45.23 -0.46 0.00 | 40.61 -0.58 0.00 | 43.02 -0.55 0.00 | 57.50 -0.62 0.00 | 71.74 -0.14 0.00 | 48.56 -0.24 0.00 | 95.59 0.39 0.00 | 135.87 0.85 0.00 | 118.30 0.63 0.00 | 74.15 0.14 0.00 | 106.58 0.29 0.00 | 93.65 0.39 0.00 | 93.97 0.14 0.00 | 107.59 0.18 0.00 |
| SITHE___STERLING 23777 | 81.18 1.53 0.00 | 71.96 1.53 0.00 | 71.22 1.57 0.00 | 72.27 1.57 0.00 | 65.24 1.47 0.00 | 61.86 1.30 0.00 | 97.30 2.58 0.00 | 65.43 1.71 0.00 | 59.50 1.64 0.00 | 36.14 1.05 0.00 | 47.05 1.31 -0.05 | 42.40 1.20 0.00 | 44.75 1.19 0.00 | 59.77 1.64 0.00 | 73.82 1.94 0.00 | 51.82 1.36 -1.66 | 97.86 2.66 0.00 | 138.51 3.48 0.00 | 120.63 2.95 0.00 | 77.19 1.84 -1.34 | 108.67 2.38 0.00 | 95.38 2.12 0.00 | 95.72 1.89 0.00 | 109.19 1.78 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 75.73 -3.91 0.00 | 66.96 -3.48 0.00 | 66.18 -3.47 0.00 | 67.10 -3.59 0.00 | 60.48 -3.29 0.00 | 57.59 -2.96 0.00 | 90.32 -4.40 0.00 | 60.25 -3.47 0.00 | 55.02 -2.85 0.00 | 32.90 -1.47 0.73 | 39.28 -2.07 4.35 | 34.26 -1.80 5.13 | 40.97 -1.95 0.64 | 51.22 -2.42 4.49 | 65.38 -3.10 3.39 | 44.21 -2.07 2.52 | 87.65 -4.32 3.24 | 129.04 -5.87 0.10 | 110.25 -5.21 2.22 | 71.47 -3.44 -0.90 | 99.49 -5.14 1.66 | 85.56 -4.56 3.14 | 89.70 -4.13 0.00 | 102.01 -5.40 0.00 |
| SOUTH CAIRO___GT 23612 | 86.61 6.96 0.00 | 76.80 6.37 0.00 | 76.04 6.39 0.00 | 77.20 6.51 0.00 | 69.74 5.98 0.00 | 66.13 5.58 0.00 | 103.21 8.49 0.00 | 69.49 5.77 0.00 | 63.30 5.43 0.00 | 38.27 3.18 -0.92 | 50.81 4.19 -0.43 | 45.12 3.50 0.00 | 46.84 3.28 0.00 | 62.68 4.56 0.00 | 77.76 5.88 0.00 | 87.60 4.58 -34.22 | 119.60 9.45 -14.96 | 214.11 13.93 -65.16 | 171.46 12.15 -41.63 | 157.52 7.48 -76.03 | 127.91 10.66 -10.96 | 102.39 9.13 0.00 | 102.74 8.91 0.00 | 117.81 10.40 0.00 |
| SOUTH HAMPTN___IC 23720 | 87.71 8.06 0.00 | 80.37 7.30 -2.63 | 76.83 7.18 0.00 | 78.06 7.37 0.00 | 70.30 6.53 0.00 | 67.80 6.31 -0.93 | 109.85 10.08 -5.06 | 70.87 7.15 0.00 | 64.68 6.81 0.00 | 39.26 4.17 0.00 | 52.10 5.62 -0.79 | 50.65 5.17 -4.29 | 48.80 5.24 0.00 | 64.91 6.79 0.00 | 80.27 8.39 0.00 | 82.89 6.28 -27.81 | 114.28 12.05 -7.03 | 182.84 16.76 -31.06 | 157.51 15.77 -24.06 | 139.27 10.09 -55.18 | 126.48 14.50 -5.69 | 105.19 11.93 0.00 | 105.94 12.11 0.00 | 120.42 13.00 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 60.06 -5.83 13.75 | 52.54 -5.19 12.70 | 51.86 -5.25 12.55 | 52.72 -5.24 12.74 | 47.52 -4.93 11.32 | 46.56 -4.27 9.73 | 75.07 -6.17 13.47 | 45.86 -5.64 12.22 | 41.46 -4.63 11.78 | 23.47 -2.34 9.28 | 28.74 -3.40 13.55 | 26.62 -3.03 11.55 | 32.59 -3.19 7.78 | 39.29 -3.82 15.01 | 52.15 -4.92 14.80 | 34.22 -3.44 11.14 | 71.15 -7.28 16.77 | 109.56 -10.00 15.45 | 92.57 -8.54 16.56 | 61.09 -5.10 7.82 | 81.88 -7.52 16.89 | 68.34 -7.14 17.78 | 73.08 -6.45 14.30 | 83.73 -7.66 16.02 |
| SOUTHOLD_69_KV_BK 2 55809 | 87.66 8.02 0.00 | 80.13 7.07 -2.63 | 76.58 6.93 0.00 | 77.94 7.24 0.00 | 70.00 6.23 0.00 | 67.58 6.09 -0.93 | 109.58 9.80 -5.06 | 70.71 6.99 0.00 | 64.55 6.68 0.00 | 39.14 4.05 0.00 | 51.94 5.46 -0.79 | 50.47 4.98 -4.29 | 48.59 5.03 0.00 | 64.71 6.59 0.00 | 80.07 8.19 0.00 | 82.78 6.17 -27.81 | 114.25 12.02 -7.03 | 180.26 14.19 -31.06 | 157.06 15.32 -24.06 | 139.30 10.12 -55.18 | 126.44 14.46 -5.69 | 105.10 11.84 0.00 | 105.75 11.92 0.00 | 120.13 12.72 0.00 |
| SOUTHOLD___IC 23719 | 87.65 8.00 0.00 | 80.14 7.07 -2.63 | 76.59 6.93 0.00 | 77.93 7.24 0.00 | 70.01 6.24 0.00 | 67.59 6.09 -0.93 | 109.57 9.79 -5.06 | 70.70 6.98 0.00 | 64.53 6.66 0.00 | 39.15 4.05 0.00 | 51.94 5.45 -0.79 | 50.47 4.98 -4.29 | 48.59 5.03 0.00 | 64.71 6.58 0.00 | 80.02 8.14 0.00 | 82.78 6.16 -27.81 | 114.25 12.01 -7.03 | 180.27 14.19 -31.06 | 157.08 15.34 -24.06 | 139.29 10.10 -55.18 | 126.48 14.49 -5.69 | 105.06 11.80 0.00 | 105.76 11.93 0.00 | 120.13 12.71 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 86.78 7.14 0.00 | 79.27 6.20 -2.63 | 75.72 6.06 0.00 | 77.13 6.44 0.00 | 69.17 5.40 0.00 | 66.79 5.30 -0.93 | 108.29 8.52 -5.06 | 69.86 6.13 0.00 | 63.77 5.90 0.00 | 38.67 3.58 0.00 | 51.31 4.83 -0.79 | 49.90 4.41 -4.29 | 47.98 4.42 0.00 | 63.90 5.77 0.00 | 79.03 7.15 0.00 | 82.12 5.51 -27.81 | 112.95 10.72 -7.03 | 179.59 13.51 -31.06 | 155.70 13.96 -24.06 | 138.31 9.12 -55.18 | 125.09 13.11 -5.69 | 103.84 10.57 0.00 | 104.48 10.64 0.00 | 118.69 11.28 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 84.33 4.69 0.00 | 75.07 4.64 0.00 | 74.30 4.65 0.00 | 75.38 4.68 0.00 | 68.07 4.30 0.00 | 64.61 4.05 0.00 | 101.40 6.68 0.00 | 68.09 4.37 0.00 | 62.10 4.24 0.00 | 37.48 2.39 0.00 | 49.95 3.24 -1.02 | 43.72 2.69 0.17 | 46.57 3.01 0.00 | 62.28 4.16 0.00 | 77.17 5.30 0.00 | 90.53 4.19 -37.55 | 134.05 8.29 -30.56 | 293.33 11.87 -146.43 | 215.41 10.37 -87.36 | 206.17 6.50 -125.66 | 137.49 9.00 -22.20 | 100.88 7.62 0.00 | 101.26 7.43 0.00 | 115.76 8.34 0.00 |
| ST LAWRENCE____ 23600 | 79.58 -0.07 0.00 | 70.12 -0.31 0.00 | 69.13 -0.52 0.00 | 70.05 -0.64 0.00 | 63.25 -0.52 0.00 | 60.30 -0.25 0.00 | 94.22 -0.50 0.00 | 63.38 -0.34 0.00 | 57.27 -0.60 0.00 | 34.52 -0.57 0.00 | 44.85 -0.84 0.00 | 40.47 -0.73 0.00 | 42.90 -0.67 0.00 | 57.31 -0.82 0.00 | 71.16 -0.72 0.00 | 48.07 -0.73 0.00 | 94.14 -1.06 0.00 | 133.51 -1.51 0.00 | 116.30 -1.37 0.00 | 72.99 -1.02 0.00 | 104.98 -1.32 0.00 | 92.21 -1.05 0.00 | 92.72 -1.11 0.00 | 106.35 -1.07 0.00 |
| STATE_CA_115KV_115_LB 55624 | 82.74 3.09 0.00 | 73.39 2.95 0.00 | 72.69 3.03 0.00 | 73.82 3.13 0.00 | 66.73 2.97 0.00 | 63.26 2.71 0.00 | 98.68 3.96 0.00 | 66.43 2.71 0.00 | 60.39 2.52 0.00 | 36.62 1.53 0.00 | 48.90 2.22 -0.99 | 42.82 1.82 0.20 | 45.45 1.88 0.00 | 60.70 2.57 0.00 | 74.94 3.06 0.00 | 87.91 2.36 -36.75 | 122.14 4.53 -22.40 | 244.34 6.49 -102.83 | 185.92 5.61 -62.64 | 177.01 3.64 -99.36 | 127.65 5.09 -16.26 | 97.61 4.35 0.00 | 98.18 4.35 0.00 | 112.58 5.17 0.00 |

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| STATE_ST_34_KV_LOAD 55959 | 78.47 -1.18 0.00 | 69.41 -1.03 0.00 | 68.69 -0.97 0.00 | 69.67 -1.02 0.00 | 62.83 -0.94 0.00 | 59.60 -0.96 0.00 | 93.54 -1.18 0.00 | 62.60 -1.12 0.00 | 57.29 -0.57 0.00 | 34.63 -0.15 0.31 | 43.49 -0.44 1.77 | 38.74 -0.36 2.09 | 42.76 -0.54 0.27 | 55.75 -0.49 1.89 | 69.77 -0.69 1.43 | 49.67 -0.30 -1.16 | 93.71 -1.08 0.41 | 136.68 -0.87 -2.53 | 118.31 -0.68 -1.31 | 78.68 -0.69 -5.36 | 105.30 -1.00 0.00 | 90.89 -1.05 1.32 | 92.92 -0.91 0.00 | 106.03 -1.38 0.00 |
| STATION_5_MISC_HYD 23604 | 74.61 -5.04 0.00 | 65.94 -4.50 0.00 | 65.14 -4.51 0.00 | 65.97 -4.73 0.00 | 59.43 -4.34 0.00 | 56.71 -3.85 0.00 | 88.88 -5.84 0.00 | 59.05 -4.67 0.00 | 53.85 -4.02 0.00 | 31.93 -2.13 1.03 | 36.52 -3.00 6.18 | 31.29 -2.61 7.29 | 39.89 -2.76 0.90 | 48.28 -3.50 6.34 | 62.70 -4.39 4.79 | 40.86 -3.05 4.90 | 84.42 -6.21 4.57 | 126.04 -8.76 0.22 | 106.60 -7.86 3.21 | 68.98 -5.10 -0.07 | 96.50 -7.44 2.35 | 82.42 -6.40 4.44 | 88.13 -5.70 0.00 | 100.04 -7.37 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 76.42 -3.23 0.00 | 67.53 -2.91 0.00 | 66.75 -2.91 0.00 | 67.68 -3.01 0.00 | 61.01 -2.76 0.00 | 58.10 -2.46 0.00 | 91.16 -3.56 0.00 | 60.81 -2.91 0.00 | 55.55 -2.33 0.00 | 33.12 -1.13 0.85 | 39.01 -1.62 5.06 | 33.84 -1.39 5.97 | 41.28 -1.54 0.74 | 51.06 -1.85 5.21 | 65.52 -2.42 3.94 | 43.82 -1.59 3.39 | 88.00 -3.44 3.76 | 130.19 -4.68 0.15 | 110.85 -4.23 2.60 | 71.88 -2.76 -0.62 | 100.07 -4.29 1.93 | 85.81 -3.80 3.65 | 90.43 -3.40 0.00 | 102.85 -4.57 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 74.37 -5.28 0.00 | 65.70 -4.74 0.00 | 64.94 -4.72 0.00 | 65.79 -4.91 0.00 | 59.27 -4.50 0.00 | 56.56 -4.00 0.00 | 88.62 -6.10 0.00 | 58.90 -4.82 0.00 | 53.70 -4.16 0.00 | 31.88 -2.22 0.99 | 36.73 -3.07 5.90 | 31.53 -2.70 6.96 | 39.85 -2.85 0.86 | 48.48 -3.59 6.06 | 62.76 -4.54 4.58 | 41.11 -3.14 4.55 | 84.40 -6.43 4.37 | 125.86 -8.96 0.21 | 106.73 -7.89 3.06 | 69.07 -5.12 -0.18 | 96.48 -7.56 2.25 | 82.43 -6.58 4.24 | 87.90 -5.93 0.00 | 99.85 -7.56 0.00 |
| STA_56___34_KV_BUS2 355983 | 74.37 -5.28 0.00 | 65.70 -4.74 0.00 | 64.94 -4.72 0.00 | 65.79 -4.91 0.00 | 59.27 -4.50 0.00 | 56.56 -4.00 0.00 | 88.62 -6.10 0.00 | 58.90 -4.82 0.00 | 53.70 -4.16 0.00 | 31.88 -2.22 0.99 | 36.73 -3.07 5.90 | 31.53 -2.70 6.96 | 39.85 -2.85 0.86 | 48.48 -3.59 6.06 | 62.76 -4.54 4.58 | 41.11 -3.14 4.55 | 84.40 -6.43 4.37 | 125.86 -8.96 0.21 | 106.73 -7.89 3.06 | 69.07 -5.12 -0.18 | 96.48 -7.56 2.25 | 82.43 -6.58 4.24 | 87.90 -5.93 0.00 | 99.85 -7.56 0.00 |
| STA_67___115KV_BK2 355882 | 74.34 -5.31 0.00 | 65.69 -4.74 0.00 | 64.92 -4.73 0.00 | 65.77 -4.92 0.00 | 59.24 -4.53 0.00 | 56.56 -4.00 0.00 | 88.59 -6.13 0.00 | 58.83 -4.89 0.00 | 53.62 -4.25 0.00 | 31.80 -2.27 1.03 | 36.39 -3.15 6.16 | 31.16 -2.78 7.26 | 39.75 -2.91 0.90 | 48.14 -3.67 6.32 | 62.44 -4.67 4.78 | 40.70 -3.23 4.87 | 84.03 -6.61 4.55 | 125.59 -9.22 0.22 | 106.36 -8.12 3.20 | 68.81 -5.28 -0.08 | 96.18 -7.76 2.35 | 82.10 -6.73 4.42 | 87.83 -6.00 0.00 | 99.77 -7.65 0.00 |
| STA_7___115KV_9TRANS 80674 | 74.98 -4.67 0.00 | 66.26 -4.18 0.00 | 65.46 -4.20 0.00 | 66.29 -4.40 0.00 | 59.74 -4.03 0.00 | 57.01 -3.54 0.00 | 89.35 -5.37 0.00 | 59.33 -4.39 0.00 | 54.11 -3.76 0.00 | 32.10 -1.96 1.03 | 36.77 -2.75 6.18 | 31.51 -2.40 7.29 | 40.15 -2.51 0.90 | 48.67 -3.11 6.34 | 63.13 -3.95 4.79 | 41.15 -2.75 4.90 | 84.97 -5.67 4.57 | 127.02 -7.77 0.22 | 107.54 -6.93 3.21 | 69.57 -4.50 -0.07 | 97.24 -6.70 2.35 | 83.00 -5.82 4.44 | 88.69 -5.14 0.00 | 100.68 -6.73 0.00 |
| STA_82___115KV_TB1 80780 | 74.40 -5.27 -0.03 | 65.73 -4.70 0.00 | 64.97 -4.71 -0.03 | 65.83 -4.90 -0.03 | 59.31 -4.49 -0.03 | 56.59 -3.98 -0.01 | 88.70 -6.05 -0.03 | 58.86 -4.87 -0.01 | 53.66 -4.21 0.00 | 31.80 -2.24 1.05 | 36.30 -3.12 6.28 | 31.04 -2.76 7.41 | 39.74 -2.90 0.92 | 48.06 -3.64 6.43 | 62.41 -4.61 4.86 | 40.60 -3.19 5.01 | 84.02 -6.55 4.64 | 125.67 -9.13 0.22 | 106.36 -8.07 3.25 | 68.81 -5.23 -0.04 | 96.20 -7.70 2.39 | 82.09 -6.66 4.51 | 87.89 -5.98 -0.04 | 99.84 -7.61 -0.05 |
| STEEL___WIND 323596 | 46.86 -7.74 25.04 | 40.44 -6.88 23.12 | 39.89 -6.90 22.87 | 40.31 -7.17 23.21 | 36.51 -6.62 20.63 | 36.91 -5.93 17.72 | 60.97 -9.20 24.56 | 34.12 -7.36 22.25 | 29.99 -6.45 21.44 | 15.94 -3.47 15.68 | 23.33 -4.98 17.38 | 18.48 -4.42 18.30 | 23.64 -4.69 15.23 | 32.34 -5.93 19.86 | 43.34 -7.24 21.30 | 28.68 -5.17 14.95 | 58.25 -10.59 26.36 | 88.81 -15.14 31.07 | 75.08 -13.45 29.15 | 47.12 -8.44 18.45 | 65.34 -12.09 28.86 | 55.83 -10.31 27.12 | 58.73 -9.05 26.05 | 66.80 -11.41 29.20 |
| STEPHTWN_115KV_BK_2 55603 | 83.57 3.92 0.00 | 74.05 3.62 0.00 | 73.32 3.67 0.00 | 74.45 3.76 0.00 | 67.34 3.57 0.00 | 63.91 3.35 0.00 | 99.70 4.98 0.00 | 67.05 3.33 0.00 | 61.02 3.16 0.00 | 37.01 1.91 0.00 | 49.47 2.79 -0.98 | 43.33 2.33 0.20 | 45.94 2.38 0.00 | 61.44 3.32 0.00 | 75.74 3.86 0.00 | 88.17 2.99 -36.38 | 120.15 5.88 -19.06 | 228.57 8.54 -85.01 | 177.60 7.38 -52.54 | 167.32 4.72 -88.60 | 126.67 6.55 -13.83 | 98.78 5.52 0.00 | 99.30 5.47 0.00 | 113.90 6.48 0.00 |
| STEUBEN_REC_LFGE 323667 | 132.42 -7.38 -60.15 | 118.69 -6.97 -55.22 | 117.65 -6.99 -54.99 | 119.70 -6.90 -55.90 | 107.21 -6.24 -49.69 | 96.82 -6.20 -42.46 | 144.62 -9.20 -59.10 | 110.59 -6.38 -53.25 | 103.98 -5.13 -51.25 | 62.82 -2.82 -30.55 | 41.41 -4.09 0.20 | 32.29 -3.59 5.32 | 69.74 -4.18 -30.36 | 57.91 -5.17 -4.96 | 83.84 -6.73 -18.70 | 41.25 -4.35 3.20 | 123.56 -8.68 -37.04 | 209.19 -12.24 -86.41 | 165.75 -10.80 -58.87 | 120.91 -6.48 -53.38 | 153.10 -9.69 -56.50 | 119.39 -8.80 -34.94 | 148.21 -8.30 -62.67 | 167.66 -10.11 -70.35 |
| STILLWATER___SOLAR 323814 | 83.88 4.23 0.00 | 74.46 4.02 0.00 | 73.69 4.03 0.00 | 74.81 4.11 0.00 | 67.53 3.77 0.00 | 64.08 3.53 0.00 | 100.32 5.60 0.00 | 67.41 3.70 0.00 | 61.37 3.50 0.00 | 37.09 1.99 0.00 | 49.43 2.73 -1.01 | 43.31 2.25 0.14 | 46.04 2.48 0.00 | 61.55 3.42 0.00 | 76.18 4.31 0.00 | 89.55 3.39 -37.36 | 131.39 6.63 -29.56 | 285.72 9.54 -141.16 | 210.35 8.28 -84.39 | 201.74 5.27 -122.47 | 135.11 7.35 -21.48 | 99.49 6.23 0.00 | 99.96 6.13 0.00 | 114.39 6.98 0.00 |
| STONY___BROOK 24151 | 87.16 7.51 0.00 | 80.03 6.96 -2.63 | 76.50 6.85 0.00 | 77.66 6.96 0.00 | 69.99 6.22 0.00 | 67.47 5.98 -0.93 | 109.28 9.51 -5.06 | 70.46 6.74 0.00 | 64.32 6.45 0.00 | 39.09 3.99 0.00 | 51.97 5.49 -0.79 | 50.53 5.04 -4.29 | 48.66 5.09 0.00 | 64.68 6.56 0.00 | 80.00 8.12 0.00 | 82.56 5.95 -27.81 | 113.51 11.27 -7.03 | 182.29 16.21 -31.06 | 156.55 14.81 -24.06 | 138.76 9.58 -55.18 | 125.63 13.64 -5.69 | 104.55 11.29 0.00 | 105.32 11.49 0.00 | 119.87 12.46 0.00 |
| STURGEON_POOL_HYD 23609 | 86.96 7.31 0.00 | 76.85 6.41 0.00 | 75.97 6.31 0.00 | 77.21 6.52 0.00 | 69.57 5.80 0.00 | 65.98 5.42 0.00 | 103.71 8.99 0.00 | 70.25 6.53 0.00 | 64.20 6.33 0.00 | 39.05 3.96 0.00 | 51.94 5.48 -0.77 | 48.30 4.79 -2.31 | 48.50 4.94 0.00 | 64.97 6.85 0.00 | 79.93 8.05 0.00 | 83.23 5.91 -28.51 | 115.97 11.93 -8.85 | 191.43 17.72 -38.68 | 160.77 15.45 -27.64 | 142.25 9.80 -58.45 | 126.60 13.46 -6.85 | 104.53 11.27 0.00 | 104.86 11.03 0.00 | 119.64 12.23 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 79.58 -0.07 0.00 | 70.12 -0.31 0.00 | 69.10 -0.55 0.00 | 70.04 -0.66 0.00 | 63.23 -0.54 0.00 | 60.30 -0.25 0.00 | 94.23 -0.49 0.00 | 63.38 -0.34 0.00 | 57.25 -0.62 0.00 | 34.50 -0.60 0.00 | 44.82 -0.88 0.00 | 40.43 -0.77 0.00 | 42.87 -0.70 0.00 | 57.25 -0.87 0.00 | 71.12 -0.75 0.00 | 48.02 -0.78 0.00 | 94.09 -1.11 0.00 | 133.45 -1.57 0.00 | 116.22 -1.46 0.00 | 72.94 -1.07 0.00 | 104.92 -1.38 0.00 | 92.15 -1.11 0.00 | 92.68 -1.15 0.00 | 106.30 -1.11 0.00 |

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| ST_LAW_115_BK8_LBMP 345038 | 79.58 -0.07 0.00 | 70.12 -0.31 0.00 | 69.10 -0.55 0.00 | 70.04 -0.66 0.00 | 63.23 -0.54 0.00 | 60.30 -0.25 0.00 | 94.23 -0.49 0.00 | 63.38 -0.34 0.00 | 57.25 -0.62 0.00 | 34.50 -0.60 0.00 | 44.82 -0.88 0.00 | 40.43 -0.77 0.00 | 42.87 -0.70 0.00 | 57.25 -0.87 0.00 | 71.12 -0.75 0.00 | 48.02 -0.78 0.00 | 94.09 -1.11 0.00 | 133.45 -1.57 0.00 | 116.22 -1.46 0.00 | 72.94 -1.07 0.00 | 104.92 -1.38 0.00 | 92.15 -1.11 0.00 | 92.68 -1.15 0.00 | 106.30 -1.11 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 79.58 -0.07 0.00 | 70.12 -0.31 0.00 | 69.13 -0.52 0.00 | 70.05 -0.64 0.00 | 63.25 -0.52 0.00 | 60.30 -0.25 0.00 | 94.22 -0.50 0.00 | 63.38 -0.34 0.00 | 57.27 -0.60 0.00 | 34.52 -0.57 0.00 | 44.85 -0.84 0.00 | 40.47 -0.73 0.00 | 42.90 -0.67 0.00 | 57.31 -0.82 0.00 | 71.16 -0.72 0.00 | 48.07 -0.73 0.00 | 94.14 -1.06 0.00 | 133.51 -1.51 0.00 | 116.30 -1.37 0.00 | 72.99 -1.02 0.00 | 104.98 -1.32 0.00 | 92.21 -1.05 0.00 | 92.72 -1.11 0.00 | 106.35 -1.07 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 79.58 -0.07 0.00 | 70.12 -0.31 0.00 | 69.13 -0.52 0.00 | 70.05 -0.64 0.00 | 63.25 -0.52 0.00 | 60.30 -0.25 0.00 | 94.22 -0.50 0.00 | 63.38 -0.34 0.00 | 57.27 -0.60 0.00 | 34.52 -0.57 0.00 | 44.85 -0.84 0.00 | 40.47 -0.73 0.00 | 42.90 -0.67 0.00 | 57.31 -0.82 0.00 | 71.16 -0.72 0.00 | 48.07 -0.73 0.00 | 94.14 -1.06 0.00 | 133.51 -1.51 0.00 | 116.30 -1.37 0.00 | 72.99 -1.02 0.00 | 104.98 -1.32 0.00 | 92.21 -1.05 0.00 | 92.72 -1.11 0.00 | 106.35 -1.07 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 83.48 3.83 0.00 | 73.89 3.46 0.00 | 73.12 3.46 0.00 | 74.30 3.61 0.00 | 66.95 3.18 0.00 | 63.48 2.92 0.00 | 99.63 4.91 0.00 | 67.34 3.62 0.00 | 61.43 3.56 0.00 | 37.36 2.26 0.00 | 49.61 3.26 -0.66 | 45.75 2.94 -1.62 | 46.57 3.01 0.00 | 62.04 3.92 0.00 | 76.37 4.49 0.00 | 78.06 3.32 -25.94 | 108.35 6.56 -6.59 | 173.55 9.73 -28.79 | 148.41 8.52 -22.22 | 130.57 5.50 -51.06 | 119.17 7.59 -5.30 | 99.55 6.29 0.00 | 100.10 6.27 0.00 | 114.53 7.11 0.00 |
| SWANROAD_115KV_TB1 355699 | 51.39 -9.89 18.37 | 44.31 -8.71 17.42 | 44.27 -8.72 16.67 | 44.79 -9.11 16.79 | 40.48 -8.36 14.93 | 40.06 -7.36 13.13 | 65.36 -11.53 17.83 | 37.75 -9.38 16.58 | 33.37 -8.43 16.07 | 18.49 -4.71 11.89 | 25.03 -6.59 14.07 | 20.30 -5.97 14.93 | 25.70 -6.23 11.62 | 34.67 -7.74 15.71 | 45.51 -9.66 16.71 | 30.27 -6.78 11.75 | 60.97 -13.98 20.24 | 92.32 -19.93 22.77 | 78.36 -17.50 21.81 | 49.80 -11.23 12.98 | 68.16 -16.15 21.98 | 58.50 -13.68 21.08 | 62.89 -11.97 18.97 | 71.54 -14.75 21.13 |
| SYNERGY___BIOGAS 323694 | 62.14 -5.39 12.12 | 54.25 -4.85 11.33 | 53.69 -4.93 11.03 | 54.36 -5.18 11.16 | 49.07 -4.78 9.92 | 47.81 -4.13 8.62 | 76.71 -6.19 11.82 | 47.57 -5.30 10.85 | 42.80 -4.59 10.48 | 24.61 -2.36 8.12 | 30.80 -3.58 11.31 | 25.66 -3.28 12.26 | 32.12 -3.56 7.88 | 41.35 -4.26 12.52 | 54.17 -5.14 12.57 | 35.72 -3.66 9.41 | 73.41 -7.27 14.51 | 110.69 -10.15 14.18 | 93.78 -9.18 14.72 | 60.47 -5.99 7.55 | 82.62 -8.77 14.90 | 70.57 -7.41 15.28 | 75.03 -6.24 12.56 | 84.93 -8.45 14.04 |
| SYRACUSE___ENERGY_ST1 323597 | 78.05 -1.60 0.00 | 69.05 -1.39 0.00 | 68.30 -1.36 0.00 | 69.30 -1.39 0.00 | 62.52 -1.25 0.00 | 59.28 -1.28 0.00 | 92.98 -1.74 0.00 | 62.45 -1.27 0.00 | 56.92 -0.94 0.00 | 34.69 -0.41 0.00 | 45.15 -0.63 -0.08 | 40.79 -0.49 -0.08 | 42.96 -0.61 0.00 | 57.31 -0.82 0.00 | 70.76 -1.12 0.00 | 51.12 -0.63 -2.95 | 93.81 -1.39 0.00 | 133.38 -1.80 -0.17 | 116.30 -1.55 -0.17 | 75.67 -0.99 -2.66 | 104.68 -1.62 -0.02 | 91.71 -1.55 0.00 | 92.35 -1.48 0.00 | 105.43 -1.98 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 78.05 -1.60 0.00 | 69.05 -1.39 0.00 | 68.30 -1.36 0.00 | 69.30 -1.39 0.00 | 62.52 -1.25 0.00 | 59.28 -1.28 0.00 | 92.98 -1.74 0.00 | 62.45 -1.27 0.00 | 56.92 -0.94 0.00 | 34.69 -0.41 0.00 | 45.15 -0.63 -0.08 | 40.79 -0.49 -0.08 | 42.96 -0.61 0.00 | 57.31 -0.82 0.00 | 70.76 -1.12 0.00 | 51.12 -0.63 -2.95 | 93.81 -1.39 0.00 | 133.38 -1.80 -0.17 | 116.30 -1.55 -0.17 | 75.67 -0.99 -2.66 | 104.68 -1.62 -0.02 | 91.71 -1.55 0.00 | 92.35 -1.48 0.00 | 105.43 -1.98 0.00 |
| SYRACUSE___POWER 24017 | 78.02 -1.63 0.00 | 69.03 -1.41 0.00 | 68.28 -1.37 0.00 | 69.30 -1.40 0.00 | 62.49 -1.28 0.00 | 59.26 -1.30 0.00 | 92.97 -1.75 0.00 | 62.45 -1.27 0.00 | 56.90 -0.97 0.00 | 34.68 -0.42 0.00 | 45.15 -0.62 -0.08 | 40.81 -0.48 -0.09 | 42.96 -0.60 0.00 | 57.31 -0.81 0.00 | 70.75 -1.13 0.00 | 51.24 -0.63 -3.07 | 93.83 -1.37 0.00 | 133.38 -1.81 -0.17 | 116.30 -1.56 -0.17 | 75.83 -0.95 -2.77 | 104.68 -1.62 -0.02 | 91.72 -1.54 0.00 | 92.33 -1.50 0.00 | 105.41 -2.01 0.00 |
| TALLMAN___138KV_BK151 55660 | 83.70 4.05 0.00 | 74.06 3.63 0.00 | 73.26 3.60 0.00 | 74.48 3.78 0.00 | 67.11 3.34 0.00 | 63.63 3.07 0.00 | 99.95 5.23 0.00 | 67.64 3.92 0.00 | 61.73 3.86 0.00 | 37.53 2.44 0.00 | 49.85 3.50 -0.66 | 45.70 3.15 -1.35 | 46.81 3.24 0.00 | 62.34 4.21 0.00 | 76.64 4.76 0.00 | 78.96 3.51 -26.64 | 108.89 6.94 -6.75 | 174.95 10.29 -29.63 | 149.59 9.00 -22.91 | 132.44 5.84 -52.60 | 119.76 8.02 -5.44 | 99.92 6.67 0.00 | 100.49 6.67 0.00 | 115.02 7.60 0.00 |
| TEALLAVE_115KV_TB7 355573 | 77.48 -2.16 0.00 | 68.55 -1.88 0.00 | 67.82 -1.83 0.00 | 68.83 -1.86 0.00 | 62.07 -1.70 0.00 | 58.89 -1.67 0.00 | 92.34 -2.38 0.00 | 62.02 -1.70 0.00 | 56.49 -1.38 0.00 | 34.42 -0.67 0.00 | 44.81 -0.95 -0.07 | 40.42 -0.77 0.00 | 42.66 -0.90 0.00 | 56.90 -1.22 0.00 | 70.25 -1.63 0.00 | 50.35 -1.01 -2.56 | 93.15 -2.05 0.00 | 132.15 -2.87 0.00 | 115.20 -2.48 0.00 | 74.56 -1.53 -2.08 | 103.86 -2.43 0.00 | 91.05 -2.21 0.00 | 91.67 -2.16 0.00 | 104.66 -2.76 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 56.77 -7.66 15.21 | 49.43 -6.77 14.23 | 48.98 -6.82 13.85 | 49.55 -7.14 14.00 | 44.78 -6.54 12.45 | 44.04 -5.71 10.82 | 71.01 -8.87 14.84 | 42.72 -7.38 13.62 | 38.20 -6.51 13.17 | 21.62 -3.53 9.95 | 28.01 -4.99 12.69 | 23.06 -4.53 13.61 | 29.14 -4.75 9.67 | 38.13 -5.83 14.16 | 49.95 -7.31 14.62 | 33.00 -5.16 10.64 | 67.28 -10.59 17.33 | 101.80 -14.89 18.33 | 86.34 -13.14 18.19 | 55.32 -8.46 10.23 | 75.67 -12.32 18.30 | 64.62 -10.53 18.10 | 68.88 -9.17 15.77 | 78.09 -11.70 17.62 |
| TEMPLE___115KV_TB 2 55572 | 77.51 -2.14 0.00 | 68.58 -1.85 0.00 | 67.84 -1.81 0.00 | 68.87 -1.83 0.00 | 62.09 -1.68 0.00 | 58.90 -1.66 0.00 | 92.37 -2.35 0.00 | 62.04 -1.68 0.00 | 56.51 -1.36 0.00 | 34.44 -0.65 0.00 | 44.84 -0.92 -0.07 | 40.46 -0.74 0.00 | 42.69 -0.87 0.00 | 56.93 -1.19 0.00 | 70.28 -1.60 0.00 | 50.43 -0.97 -2.60 | 93.19 -2.01 0.00 | 132.21 -2.81 0.00 | 115.25 -2.43 0.00 | 74.65 -1.46 -2.10 | 103.93 -2.36 0.00 | 91.10 -2.16 0.00 | 91.71 -2.12 0.00 | 104.69 -2.73 0.00 |
| TIANA____69_KV_BK 1 55817 | 87.76 8.11 0.00 | 80.44 7.37 -2.63 | 76.91 7.26 0.00 | 78.12 7.42 0.00 | 70.37 6.60 0.00 | 67.86 6.37 -0.93 | 109.99 10.22 -5.06 | 70.96 7.24 0.00 | 64.74 6.87 0.00 | 39.30 4.21 0.00 | 52.17 5.69 -0.79 | 50.72 5.24 -4.29 | 48.87 5.31 0.00 | 64.99 6.86 0.00 | 80.40 8.52 0.00 | 82.93 6.32 -27.81 | 114.37 12.14 -7.03 | 183.09 17.01 -31.06 | 157.62 15.88 -24.06 | 139.35 10.17 -55.18 | 126.57 14.58 -5.69 | 105.30 12.03 0.00 | 106.02 12.19 0.00 | 120.56 13.14 0.00 |
| TILDEN___115KV_TB1 80814 | 78.02 -1.63 0.00 | 69.03 -1.41 0.00 | 68.28 -1.37 0.00 | 69.30 -1.40 0.00 | 62.49 -1.28 0.00 | 59.26 -1.30 0.00 | 92.97 -1.75 0.00 | 62.45 -1.27 0.00 | 56.90 -0.97 0.00 | 34.68 -0.42 0.00 | 45.15 -0.62 -0.08 | 40.81 -0.48 -0.09 | 42.96 -0.60 0.00 | 57.31 -0.81 0.00 | 70.75 -1.13 0.00 | 51.24 -0.63 -3.07 | 93.83 -1.37 0.00 | 133.38 -1.81 -0.17 | 116.30 -1.56 -0.17 | 75.83 -0.95 -2.77 | 104.68 -1.62 -0.02 | 91.72 -1.54 0.00 | 92.33 -1.50 0.00 | 105.41 -2.01 0.00 |

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| TRIGEN___CC 323695 | 85.46 5.81 0.00 | 78.45 5.38 -2.63 | 75.00 5.34 0.00 | 76.16 5.47 0.00 | 68.67 4.90 0.00 | 66.11 4.62 -0.93 | 107.09 7.31 -5.06 | 68.95 5.23 0.00 | 62.91 5.05 0.00 | 38.28 3.19 0.00 | 51.08 4.60 -0.79 | 49.69 4.20 -4.29 | 47.87 4.30 0.00 | 63.71 5.59 0.00 | 78.49 6.62 0.00 | 81.34 4.73 -27.81 | 111.14 8.90 -7.03 | 179.03 12.96 -31.06 | 153.51 11.77 -24.06 | 136.81 7.63 -55.18 | 122.71 10.73 -5.69 | 102.23 8.97 0.00 | 102.90 9.07 0.00 | 117.44 10.03 0.00 |
| TRINITY___115KV___4 BK 55933 | 82.47 2.82 0.00 | 73.17 2.73 0.00 | 72.46 2.81 0.00 | 73.60 2.90 0.00 | 66.54 2.78 0.00 | 63.08 2.53 0.00 | 98.35 3.63 0.00 | 66.20 2.48 0.00 | 60.18 2.31 0.00 | 36.47 1.38 0.00 | 48.70 2.03 -0.99 | 42.65 1.66 0.21 | 45.27 1.71 0.00 | 60.45 2.33 0.00 | 74.62 2.75 0.00 | 87.40 2.14 -36.46 | 118.85 4.07 -19.57 | 228.56 5.85 -87.68 | 176.82 5.09 -54.06 | 167.53 3.30 -90.22 | 125.13 4.64 -14.20 | 97.23 3.97 0.00 | 97.83 4.00 0.00 | 112.22 4.80 0.00 |
| UNION___PROCESSING_DRP 323587 | 74.41 -5.27 -0.03 | 65.75 -4.69 0.00 | 65.00 -4.69 -0.03 | 65.85 -4.88 -0.04 | 59.33 -4.47 -0.04 | 56.60 -3.97 -0.01 | 88.70 -6.05 -0.04 | 58.88 -4.85 -0.01 | 53.68 -4.20 0.00 | 31.82 -2.24 1.04 | 36.33 -3.11 6.26 | 31.06 -2.74 7.39 | 39.77 -2.88 0.92 | 48.08 -3.63 6.41 | 62.43 -4.59 4.85 | 40.63 -3.18 4.99 | 84.05 -6.52 4.62 | 125.72 -9.08 0.22 | 106.43 -8.01 3.24 | 68.85 -5.20 -0.04 | 96.23 -7.67 2.39 | 82.11 -6.65 4.50 | 87.94 -5.93 -0.04 | 99.88 -7.58 -0.05 |
| UPPER HUDSON___HYD 24058 | 84.34 4.69 0.00 | 75.08 4.64 0.00 | 74.30 4.65 0.00 | 75.38 4.69 0.00 | 68.07 4.30 0.00 | 64.61 4.05 0.00 | 101.40 6.68 0.00 | 68.10 4.38 0.00 | 62.11 4.24 0.00 | 37.49 2.40 0.00 | 49.95 3.24 -1.02 | 43.72 2.69 0.17 | 46.57 3.01 0.00 | 62.29 4.17 0.00 | 77.18 5.31 0.00 | 90.53 4.19 -37.55 | 134.07 8.31 -30.56 | 293.34 11.88 -146.43 | 215.41 10.37 -87.36 | 206.16 6.49 -125.66 | 137.49 9.00 -22.20 | 100.88 7.62 0.00 | 101.27 7.44 0.00 | 115.77 8.35 0.00 |
| UPPER RAQUET___HYD 24056 | 78.12 -1.53 0.00 | 68.73 -1.70 0.00 | 67.76 -1.90 0.00 | 68.60 -2.09 0.00 | 61.93 -1.83 0.00 | 59.12 -1.44 0.00 | 92.75 -1.97 0.00 | 62.38 -1.34 0.00 | 56.24 -1.63 0.00 | 33.74 -1.36 0.00 | 43.81 -1.89 0.00 | 39.46 -1.74 0.00 | 41.79 -1.78 0.00 | 55.88 -2.24 0.00 | 69.49 -2.38 0.00 | 46.98 -1.82 0.00 | 92.38 -2.82 0.00 | 131.15 -3.87 0.00 | 114.19 -3.49 0.00 | 71.65 -2.36 0.00 | 102.95 -3.34 0.00 | 90.63 -2.62 0.00 | 90.84 -2.99 0.00 | 103.99 -3.43 0.00 |
| VALLEY44_115KV_TB2 355964 | 65.38 -4.98 9.28 | 57.58 -4.24 8.61 | 56.76 -4.43 8.47 | 57.71 -4.39 8.59 | 51.99 -4.14 7.63 | 50.29 -3.68 6.58 | 79.56 -6.07 9.09 | 49.87 -5.58 8.27 | 45.46 -4.43 7.98 | 26.41 -2.14 6.54 | 32.21 -2.80 10.68 | 27.79 -2.33 11.08 | 35.08 -2.44 6.04 | 43.36 -3.03 11.73 | 56.50 -4.17 11.21 | 37.99 -3.08 7.73 | 76.17 -7.06 11.97 | 116.25 -9.61 9.15 | 98.56 -8.30 10.81 | 66.03 -5.18 2.80 | 87.07 -7.57 11.65 | 73.34 -6.78 13.14 | 78.21 -5.98 9.65 | 89.06 -7.55 10.81 |
| VALLEY___115KV_TB 1-4 80826 | 80.02 0.37 0.00 | 71.05 0.62 0.00 | 70.31 0.66 0.00 | 71.38 0.69 0.00 | 64.40 0.63 0.00 | 61.06 0.50 0.00 | 95.57 0.85 0.00 | 64.36 0.64 0.00 | 58.57 0.70 0.00 | 35.50 0.40 0.00 | 46.34 0.65 0.00 | 41.64 0.45 0.00 | 44.09 0.53 0.00 | 59.06 0.94 0.00 | 73.26 1.39 0.00 | 49.96 1.16 0.00 | 97.19 1.99 0.00 | 137.89 2.87 0.00 | 120.14 2.46 0.00 | 75.64 1.64 0.00 | 108.56 2.27 0.00 | 94.95 1.69 0.00 | 95.53 1.70 0.00 | 109.33 1.92 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 85.11 5.46 0.00 | 75.39 4.95 0.00 | 74.69 5.04 0.00 | 75.84 5.14 0.00 | 68.39 4.62 0.00 | 64.99 4.43 0.00 | 101.85 7.13 0.00 | 68.56 4.85 0.00 | 62.61 4.74 0.00 | 38.53 3.00 -0.43 | 52.52 3.87 -2.95 | 48.17 3.51 -3.46 | 47.59 3.65 -0.38 | 65.70 4.94 -2.64 | 79.74 5.87 -2.00 | 69.08 4.21 -16.07 | 111.46 8.19 -8.07 | 172.70 11.55 -26.12 | 146.46 10.17 -18.61 | 112.56 6.51 -32.03 | 120.88 9.05 -5.54 | 102.73 7.62 -1.85 | 101.34 7.51 0.00 | 115.72 8.30 0.00 |
| VISCHER___FERRY HYD 24020 | 83.03 3.38 0.00 | 73.66 3.23 0.00 | 72.93 3.28 0.00 | 74.05 3.36 0.00 | 66.86 3.10 0.00 | 63.42 2.86 0.00 | 99.04 4.32 0.00 | 66.58 2.87 0.00 | 60.61 2.74 0.00 | 36.67 1.58 0.00 | 48.92 2.23 -1.00 | 42.93 1.82 0.08 | 45.47 1.91 0.00 | 60.78 2.66 0.00 | 75.09 3.21 0.00 | 88.20 2.57 -36.83 | 126.26 4.95 -26.11 | 265.10 7.17 -122.92 | 198.06 6.27 -74.11 | 189.47 4.03 -111.44 | 130.89 5.62 -18.98 | 98.06 4.80 0.00 | 98.60 4.77 0.00 | 112.98 5.57 0.00 |
| V_A_10_SYNC_DSASP 323832 | 59.35 -8.17 12.13 | 52.11 -7.24 11.08 | 51.31 -7.24 11.10 | 51.88 -7.52 11.30 | 46.84 -6.88 10.05 | 45.82 -6.19 8.55 | 73.14 -9.64 11.94 | 45.36 -7.65 10.71 | 40.82 -6.75 10.29 | 23.54 -3.71 7.84 | 30.42 -5.14 10.14 | 25.72 -4.57 10.90 | 31.17 -4.82 7.57 | 40.48 -6.19 11.45 | 52.54 -7.70 11.64 | 35.40 -5.42 7.98 | 70.57 -11.03 13.60 | 105.25 -15.89 13.88 | 89.60 -14.08 14.00 | 58.24 -8.99 6.78 | 79.13 -12.94 14.22 | 67.96 -10.98 14.32 | 71.34 -9.83 12.66 | 81.07 -12.12 14.22 |
| V_CMM_10_SYNC_DSASP 323787 | 79.99 0.35 0.00 | 70.47 0.04 0.00 | 69.47 -0.18 0.00 | 70.41 -0.29 0.00 | 63.56 -0.20 0.00 | 60.62 0.06 0.00 | 94.74 0.02 0.00 | 63.71 -0.01 0.00 | 57.56 -0.31 0.00 | 34.69 -0.40 0.00 | 45.06 -0.63 0.00 | 40.66 -0.54 0.00 | 43.10 -0.46 0.00 | 57.58 -0.55 0.00 | 71.50 -0.37 0.00 | 48.29 -0.51 0.00 | 94.59 -0.61 0.00 | 134.15 -0.87 0.00 | 116.85 -0.83 0.00 | 73.35 -0.66 0.00 | 105.47 -0.82 0.00 | 92.65 -0.61 0.00 | 93.17 -0.66 0.00 | 106.85 -0.56 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 80.59 0.94 0.00 | 70.96 0.52 0.00 | 69.52 -0.13 0.00 | 70.10 -0.60 0.00 | 63.03 -0.74 0.00 | 60.30 -0.26 0.00 | 94.20 -0.52 0.00 | 62.97 -0.75 0.00 | 57.00 -0.87 0.00 | 34.19 -0.90 0.00 | 44.42 -1.28 0.00 | 40.05 -1.15 0.00 | 42.55 -1.01 0.00 | 57.44 -0.68 0.00 | 71.40 -0.47 0.00 | 48.55 -0.25 0.00 | 95.71 0.51 0.00 | 135.94 0.92 0.00 | 118.32 0.64 0.00 | 74.16 0.15 0.00 | 106.31 0.02 0.00 | 93.07 -0.18 0.00 | 93.52 -0.31 0.00 | 107.62 0.21 0.00 |
| V_D_10_SYNC_DSASP 323841 | 80.08 0.43 0.00 | 70.55 0.12 0.00 | 69.55 -0.11 0.00 | 70.47 -0.22 0.00 | 63.61 -0.15 0.00 | 60.68 0.12 0.00 | 94.91 0.19 0.00 | 63.81 0.09 0.00 | 57.64 -0.23 0.00 | 34.70 -0.39 0.00 | 45.08 -0.61 0.00 | 40.65 -0.54 0.00 | 43.08 -0.48 0.00 | 57.57 -0.55 0.00 | 71.53 -0.34 0.00 | 48.31 -0.49 0.00 | 94.74 -0.47 0.00 | 134.38 -0.64 0.00 | 117.02 -0.66 0.00 | 73.44 -0.57 0.00 | 105.61 -0.68 0.00 | 92.77 -0.49 0.00 | 93.27 -0.56 0.00 | 106.96 -0.45 0.00 |
| V_E_10_SYNC_DSASP 323830 | 80.98 1.33 0.00 | 71.83 1.40 0.00 | 71.52 1.86 0.00 | 72.71 2.01 0.00 | 65.46 1.69 0.00 | 62.15 1.60 0.00 | 98.65 3.93 0.00 | 67.29 3.57 0.00 | 61.89 4.02 0.00 | 38.06 2.45 -0.51 | 52.12 3.08 -3.34 | 48.11 3.00 -3.92 | 46.12 2.11 -0.45 | 63.50 2.24 -3.13 | 76.16 1.92 -2.37 | 63.55 1.65 -13.11 | 104.36 3.62 -5.53 | 154.30 5.82 -13.45 | 133.52 5.09 -10.75 | 97.19 3.28 -19.91 | 113.87 3.98 -3.60 | 98.60 3.15 -2.20 | 96.69 2.86 0.00 | 109.89 2.47 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 83.95 4.30 0.00 | 74.51 4.08 0.00 | 73.75 4.09 0.00 | 74.87 4.18 0.00 | 67.59 3.83 0.00 | 64.14 3.58 0.00 | 100.42 5.70 0.00 | 67.48 3.76 0.00 | 61.45 3.58 0.00 | 37.15 2.05 0.00 | 49.51 2.81 -1.01 | 43.37 2.33 0.16 | 46.12 2.56 0.00 | 61.64 3.52 0.00 | 76.29 4.41 0.00 | 89.69 3.44 -37.45 | 131.94 6.73 -30.00 | 288.23 9.69 -143.52 | 211.81 8.41 -85.72 | 203.25 5.34 -123.90 | 135.56 7.47 -21.80 | 99.57 6.31 0.00 | 100.03 6.20 0.00 | 114.48 7.06 0.00 |

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| V_F_30_SYNC_DSASP 323786 | 82.74 3.09 0.00 | 73.38 2.94 0.00 | 72.69 3.03 0.00 | 73.82 3.13 0.00 | 66.73 2.96 0.00 | 63.26 2.71 0.00 | 98.68 3.96 0.00 | 66.43 2.71 0.00 | 60.38 2.51 0.00 | 36.62 1.53 0.00 | 48.90 2.21 -0.99 | 42.82 1.82 0.20 | 45.45 1.88 0.00 | 60.69 2.57 0.00 | 74.93 3.05 0.00 | 87.89 2.36 -36.73 | 121.91 4.53 -22.17 | 243.09 6.48 -101.59 | 185.23 5.61 -61.94 | 176.27 3.64 -98.62 | 127.47 5.08 -16.09 | 97.60 4.34 0.00 | 98.18 4.35 0.00 | 112.57 5.15 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 80.59 0.94 0.00 | 70.96 0.52 0.00 | 69.52 -0.13 0.00 | 70.10 -0.60 0.00 | 63.03 -0.74 0.00 | 60.30 -0.26 0.00 | 94.20 -0.52 0.00 | 62.97 -0.75 0.00 | 57.00 -0.87 0.00 | 34.19 -0.90 0.00 | 44.42 -1.28 0.00 | 40.05 -1.15 0.00 | 42.55 -1.01 0.00 | 57.44 -0.68 0.00 | 71.40 -0.47 0.00 | 48.55 -0.25 0.00 | 95.71 0.51 0.00 | 135.94 0.92 0.00 | 118.32 0.64 0.00 | 74.16 0.15 0.00 | 106.31 0.02 0.00 | 93.07 -0.18 0.00 | 93.52 -0.31 0.00 | 107.62 0.21 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 83.90 4.25 0.00 | 74.24 3.81 0.00 | 73.43 3.78 0.00 | 74.65 3.96 0.00 | 67.27 3.50 0.00 | 63.77 3.22 0.00 | 100.26 5.54 0.00 | 67.87 4.15 0.00 | 61.92 4.05 0.00 | 37.65 2.55 0.00 | 49.99 3.63 -0.66 | 45.75 3.27 -1.28 | 46.94 3.38 0.00 | 62.51 4.39 0.00 | 76.85 4.97 0.00 | 79.26 3.66 -26.80 | 109.23 7.24 -6.79 | 175.58 10.73 -29.82 | 150.13 9.39 -23.06 | 133.03 6.07 -52.95 | 120.11 8.34 -5.48 | 100.20 6.94 0.00 | 100.77 6.94 0.00 | 115.29 7.88 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 84.31 4.67 0.00 | 74.61 4.18 0.00 | 73.85 4.19 0.00 | 75.08 4.38 0.00 | 67.61 3.84 0.00 | 64.16 3.60 0.00 | 100.64 5.93 0.00 | 68.10 4.38 0.00 | 62.20 4.33 0.00 | 37.88 2.79 0.00 | 50.61 4.13 -0.79 | 49.26 3.77 -4.30 | 47.48 3.91 0.00 | 63.13 5.01 0.00 | 77.57 5.70 0.00 | 80.73 4.13 -27.80 | 110.30 8.08 -7.03 | 178.00 11.94 -31.05 | 152.19 10.46 -24.05 | 135.94 6.77 -55.15 | 121.29 9.31 -5.69 | 101.02 7.76 0.00 | 101.51 7.68 0.00 | 116.14 8.72 0.00 |
| W50THST__13_KV_LOAD 356117 | 84.52 4.87 0.00 | 74.82 4.39 0.00 | 74.04 4.39 0.00 | 75.28 4.59 0.00 | 67.79 4.03 0.00 | 64.34 3.78 0.00 | 100.94 6.22 0.00 | 68.31 4.59 0.00 | 62.41 4.55 0.00 | 38.01 2.92 0.00 | 50.81 4.33 -0.79 | 49.44 3.94 -4.30 | 47.67 4.11 0.00 | 63.37 5.25 0.00 | 77.85 5.98 0.00 | 80.89 4.29 -27.80 | 110.63 8.40 -7.03 | 178.45 12.39 -31.05 | 152.60 10.87 -24.05 | 136.20 7.04 -55.15 | 121.65 9.67 -5.69 | 101.36 8.09 0.00 | 101.84 8.01 0.00 | 116.46 9.04 0.00 |
| WADING RIVER_IC_1 23522 | 87.59 7.94 0.00 | 80.34 7.27 -2.63 | 76.79 7.14 0.00 | 77.97 7.28 0.00 | 70.26 6.49 0.00 | 67.74 6.25 -0.93 | 109.77 9.99 -5.06 | 70.80 7.08 0.00 | 64.60 6.74 0.00 | 39.24 4.15 0.00 | 52.09 5.61 -0.79 | 50.67 5.18 -4.29 | 48.81 5.25 0.00 | 64.87 6.75 0.00 | 80.24 8.36 0.00 | 82.84 6.23 -27.81 | 114.12 11.88 -7.03 | 182.90 16.82 -31.06 | 157.31 15.57 -24.06 | 139.10 9.92 -55.18 | 126.26 14.28 -5.69 | 105.05 11.79 0.00 | 105.80 11.97 0.00 | 120.33 12.91 0.00 |
| WADING RIVER_IC_2 23547 | 87.59 7.94 0.00 | 80.34 7.27 -2.63 | 76.79 7.14 0.00 | 77.97 7.28 0.00 | 70.26 6.49 0.00 | 67.74 6.25 -0.93 | 109.77 9.99 -5.06 | 70.80 7.08 0.00 | 64.60 6.74 0.00 | 39.24 4.15 0.00 | 52.09 5.61 -0.79 | 50.67 5.18 -4.29 | 48.81 5.25 0.00 | 64.87 6.75 0.00 | 80.24 8.36 0.00 | 82.84 6.23 -27.81 | 114.12 11.88 -7.03 | 182.90 16.82 -31.06 | 157.31 15.57 -24.06 | 139.10 9.92 -55.18 | 126.26 14.28 -5.69 | 105.05 11.79 0.00 | 105.80 11.97 0.00 | 120.33 12.91 0.00 |
| WADING RIVER_IC_3 23601 | 87.59 7.94 0.00 | 80.34 7.27 -2.63 | 76.79 7.14 0.00 | 77.97 7.28 0.00 | 70.26 6.49 0.00 | 67.74 6.25 -0.93 | 109.77 9.99 -5.06 | 70.80 7.08 0.00 | 64.60 6.74 0.00 | 39.24 4.15 0.00 | 52.09 5.61 -0.79 | 50.67 5.18 -4.29 | 48.81 5.25 0.00 | 64.87 6.75 0.00 | 80.24 8.36 0.00 | 82.84 6.23 -27.81 | 114.12 11.88 -7.03 | 182.90 16.82 -31.06 | 157.31 15.57 -24.06 | 139.10 9.92 -55.18 | 126.26 14.28 -5.69 | 105.05 11.79 0.00 | 105.80 11.97 0.00 | 120.33 12.91 0.00 |
| WALDENNY_12_KV_BK2 80841 | 47.48 -7.86 24.29 | 41.02 -6.94 22.48 | 40.48 -7.00 22.17 | 40.93 -7.28 22.49 | 37.06 -6.72 19.99 | 37.42 -5.93 17.20 | 61.74 -9.17 23.80 | 34.59 -7.52 21.61 | 30.46 -6.58 20.83 | 16.29 -3.55 15.25 | 23.70 -4.99 17.00 | 18.82 -4.47 17.90 | 24.04 -4.70 14.83 | 32.87 -5.87 19.38 | 43.73 -7.38 20.77 | 29.05 -5.18 14.57 | 58.76 -10.78 25.66 | 89.80 -15.09 30.13 | 76.18 -13.18 28.32 | 47.83 -8.36 17.83 | 66.06 -12.15 28.08 | 56.39 -10.44 26.43 | 59.44 -9.13 25.26 | 67.61 -11.50 28.30 |
| WALDEN__HYDRO 24148 | 84.41 4.77 0.00 | 74.67 4.24 0.00 | 73.87 4.21 0.00 | 75.06 4.37 0.00 | 67.64 3.88 0.00 | 64.14 3.59 0.00 | 100.70 5.98 0.00 | 68.10 4.38 0.00 | 62.15 4.28 0.00 | 37.78 2.69 0.00 | 50.24 3.83 -0.71 | 47.09 3.41 -2.49 | 47.06 3.50 0.00 | 62.82 4.69 0.00 | 77.31 5.43 0.00 | 79.65 4.00 -26.85 | 110.17 7.98 -6.99 | 177.51 11.80 -30.68 | 151.43 10.31 -23.45 | 133.87 6.61 -53.25 | 121.01 9.12 -5.60 | 100.86 7.60 0.00 | 101.35 7.52 0.00 | 115.87 8.45 0.00 |
| WARRENSBURG____ 23737 | 84.34 4.69 0.00 | 75.08 4.64 0.00 | 74.30 4.65 0.00 | 75.38 4.69 0.00 | 68.07 4.30 0.00 | 64.61 4.05 0.00 | 101.40 6.68 0.00 | 68.10 4.38 0.00 | 62.11 4.24 0.00 | 37.49 2.40 0.00 | 49.95 3.24 -1.02 | 43.72 2.69 0.17 | 46.57 3.01 0.00 | 62.29 4.17 0.00 | 77.18 5.31 0.00 | 90.53 4.19 -37.55 | 134.07 8.31 -30.56 | 293.34 11.88 -146.43 | 215.41 10.37 -87.36 | 206.16 6.49 -125.66 | 137.49 9.00 -22.20 | 100.88 7.62 0.00 | 101.27 7.44 0.00 | 115.77 8.35 0.00 |
| WATERSIDE____6 8 9 23538 | 84.58 4.94 0.00 | 74.83 4.39 0.00 | 74.05 4.40 0.00 | 75.25 4.56 0.00 | 67.76 3.99 0.00 | 64.29 3.73 0.00 | 100.84 6.13 0.00 | 68.26 4.57 0.03 | 61.98 4.49 0.38 | 33.56 2.91 4.44 | 48.67 4.34 1.37 | 45.17 3.98 0.01 | 43.04 4.15 4.67 | 61.66 5.27 1.73 | 77.82 5.98 0.04 | 67.46 4.33 -14.33 | 100.64 8.52 3.08 | 146.48 12.45 0.99 | 107.21 10.92 21.38 | 75.85 7.10 5.25 | 104.42 9.70 11.57 | 87.71 8.12 13.66 | 97.00 8.02 4.85 | 116.55 9.13 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 80.44 0.79 0.00 | 71.32 0.88 0.00 | 70.59 0.93 0.00 | 71.68 0.98 0.00 | 64.66 0.89 0.00 | 61.32 0.77 0.00 | 95.95 1.23 0.00 | 64.58 0.86 0.00 | 58.75 0.88 0.00 | 35.62 0.53 0.00 | 46.43 0.74 0.00 | 41.75 0.55 0.00 | 44.17 0.61 0.00 | 59.05 0.92 0.00 | 73.11 1.24 0.00 | 49.87 1.07 0.00 | 97.20 2.00 0.00 | 137.86 2.84 0.00 | 120.13 2.45 0.00 | 75.64 1.63 0.00 | 108.55 2.26 0.00 | 95.07 1.81 0.00 | 95.60 1.77 0.00 | 109.39 1.97 0.00 |
| WATSON__69_KV_BK 1 55734 | 87.78 8.13 0.00 | 80.55 7.48 -2.63 | 77.02 7.37 0.00 | 78.14 7.45 0.00 | 70.44 6.67 0.00 | 67.90 6.41 -0.93 | 109.99 10.22 -5.06 | 70.92 7.19 0.00 | 64.73 6.86 0.00 | 39.31 4.22 0.00 | 52.29 5.80 -0.79 | 50.79 5.31 -4.29 | 48.91 5.35 0.00 | 65.08 6.96 0.00 | 80.48 8.60 0.00 | 82.88 6.27 -27.81 | 114.00 11.77 -7.03 | 182.86 16.78 -31.06 | 156.95 15.21 -24.06 | 139.03 9.85 -55.18 | 126.06 14.08 -5.69 | 105.01 11.75 0.00 | 105.91 12.08 0.00 | 120.52 13.11 0.00 |
| WDELAWARE__HYD 323627 | 84.23 4.59 0.00 | 74.39 3.95 0.00 | 73.55 3.89 0.00 | 74.74 4.04 0.00 | 67.38 3.61 0.00 | 63.90 3.34 0.00 | 100.42 5.70 0.00 | 67.91 4.19 0.00 | 61.98 4.11 0.00 | 37.69 2.60 0.00 | 49.98 3.62 -0.67 | 46.44 3.20 -2.05 | 46.73 3.17 0.00 | 62.64 4.51 0.00 | 76.99 5.11 0.00 | 78.06 3.90 -25.37 | 110.10 7.92 -6.99 | 177.17 11.84 -30.31 | 150.66 10.39 -22.59 | 130.97 6.61 -50.35 | 120.87 9.07 -5.51 | 100.74 7.48 0.00 | 101.09 7.26 0.00 | 115.43 8.01 0.00 |

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| WEST BABYLON___IC 23714 | 87.32 7.68 0.00 | 80.14 7.07 -2.63 | 76.62 6.96 0.00 | 77.76 7.06 0.00 | 70.08 6.31 0.00 | 67.53 6.04 -0.93 | 109.33 9.56 -5.06 | 70.47 6.75 0.00 | 64.32 6.45 0.00 | 39.07 3.98 0.00 | 52.02 5.54 -0.79 | 50.53 5.05 -4.29 | 48.67 5.11 0.00 | 64.77 6.65 0.00 | 80.04 8.16 0.00 | 82.53 5.92 -27.81 | 113.38 11.15 -7.03 | 182.09 16.01 -31.06 | 156.30 14.56 -24.06 | 138.61 9.43 -55.18 | 125.39 13.40 -5.69 | 104.47 11.21 0.00 | 105.26 11.43 0.00 | 119.93 12.52 0.00 |
| WEST CANADA___HYD 24049 | 79.93 0.28 0.00 | 70.75 0.31 0.00 | 70.01 0.35 0.00 | 71.08 0.39 0.00 | 64.08 0.32 0.00 | 60.79 0.23 0.00 | 95.10 0.38 0.00 | 63.95 0.23 0.00 | 58.10 0.23 0.00 | 35.26 0.17 0.00 | 46.00 0.30 0.00 | 41.45 0.26 0.00 | 43.82 0.26 0.00 | 58.47 0.35 0.00 | 72.24 0.36 0.00 | 49.09 0.29 0.00 | 95.68 0.48 0.00 | 135.70 0.68 0.00 | 118.27 0.59 0.00 | 74.41 0.40 0.00 | 106.84 0.55 0.00 | 93.82 0.56 0.00 | 94.36 0.53 0.00 | 107.99 0.57 0.00 |
| WESTERN_NY_WIND 24143 | 60.81 -5.75 13.09 | 53.06 -5.13 12.24 | 52.54 -5.20 11.91 | 53.17 -5.47 12.05 | 48.01 -5.05 10.71 | 46.94 -4.31 9.31 | 75.41 -6.54 12.77 | 46.36 -5.64 11.72 | 41.65 -4.89 11.33 | 23.84 -2.56 8.70 | 30.21 -3.74 11.74 | 25.05 -3.46 12.68 | 31.39 -3.73 8.44 | 40.66 -4.43 13.03 | 53.20 -5.46 13.21 | 35.16 -3.84 9.80 | 72.03 -7.78 15.40 | 108.94 -10.60 15.48 | 92.46 -9.41 15.81 | 59.46 -6.15 8.39 | 81.25 -9.07 15.97 | 69.31 -7.79 16.17 | 73.63 -6.63 13.57 | 83.44 -8.81 15.16 |
| WESTOVER___LESR 323668 | 78.44 -1.21 0.00 | 69.43 -1.01 0.00 | 68.68 -0.97 0.00 | 69.76 -0.94 0.00 | 62.85 -0.92 0.00 | 59.49 -1.06 0.00 | 93.41 -1.30 0.00 | 62.56 -1.16 0.00 | 57.15 -0.72 0.00 | 35.79 -0.22 -0.92 | 51.16 -0.37 -5.84 | 47.81 -0.25 -6.86 | 43.96 -0.41 -0.81 | 63.37 -0.40 -5.65 | 75.39 -0.76 -4.27 | 65.16 -0.44 -16.80 | 100.85 -1.08 -6.73 | 144.21 -1.41 -10.60 | 126.96 -1.05 -10.34 | 92.98 -0.55 -19.52 | 109.31 -1.08 -4.10 | 96.12 -1.10 -3.96 | 92.85 -0.98 0.00 | 106.09 -1.32 0.00 |
| WETHRSFD_WT_PWR 323626 | -14.87 -8.27 86.25 | -16.30 -7.48 79.25 | -16.65 -7.47 78.83 | -16.98 -7.57 80.11 | -14.46 -7.01 71.21 | -7.15 -6.80 60.91 | -0.24 -10.25 84.71 | -19.98 -7.31 76.40 | -21.91 -6.24 73.54 | -20.54 -3.40 52.24 | -9.67 -5.02 50.35 | -15.06 -4.45 51.81 | -12.23 -4.95 50.84 | -6.70 -6.19 58.63 | -1.64 -7.72 65.79 | -6.07 -5.33 49.55 | -1.96 -10.75 86.41 | 5.62 -15.37 114.03 | 2.12 -13.59 101.97 | -11.52 -8.36 77.17 | -3.54 -12.36 97.47 | -3.53 -10.55 86.24 | -5.57 -9.56 89.84 | -5.12 -11.72 100.81 |
| WHAVSTOR_138KV_BK127 55557 | 83.61 3.96 0.00 | 74.00 3.56 0.00 | 73.20 3.55 0.00 | 74.41 3.71 0.00 | 67.06 3.29 0.00 | 63.57 3.01 0.00 | 99.89 5.18 0.00 | 67.62 3.90 0.00 | 61.69 3.82 0.00 | 37.50 2.41 0.00 | 49.82 3.46 -0.67 | 45.58 3.12 -1.26 | 46.78 3.22 0.00 | 62.29 4.16 0.00 | 76.58 4.70 0.00 | 79.10 3.46 -26.83 | 108.84 6.85 -6.79 | 175.04 10.16 -29.86 | 149.66 8.89 -23.09 | 132.79 5.76 -53.02 | 119.69 7.92 -5.48 | 99.83 6.57 0.00 | 100.40 6.57 0.00 | 114.90 7.49 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 83.61 3.96 0.00 | 74.00 3.56 0.00 | 73.20 3.55 0.00 | 74.41 3.71 0.00 | 67.06 3.29 0.00 | 63.57 3.01 0.00 | 99.89 5.18 0.00 | 67.62 3.90 0.00 | 61.69 3.82 0.00 | 37.50 2.41 0.00 | 49.82 3.46 -0.67 | 45.58 3.12 -1.26 | 46.78 3.22 0.00 | 62.29 4.16 0.00 | 76.58 4.70 0.00 | 79.10 3.46 -26.83 | 108.84 6.85 -6.79 | 175.04 10.16 -29.86 | 149.66 8.89 -23.09 | 132.79 5.76 -53.02 | 119.69 7.92 -5.48 | 99.83 6.57 0.00 | 100.40 6.57 0.00 | 114.90 7.49 0.00 |
| WHITEHAL_115KV_TB1 80871 | 85.45 5.80 0.00 | 76.18 5.74 0.00 | 75.44 5.78 0.00 | 76.46 5.77 0.00 | 69.03 5.26 0.00 | 65.57 5.01 0.00 | 103.49 8.77 0.00 | 68.99 5.27 0.00 | 63.18 5.31 0.00 | 37.88 2.78 0.00 | 50.47 3.76 -1.01 | 44.04 3.01 0.16 | 47.11 3.55 0.00 | 63.32 5.19 0.00 | 78.56 6.68 0.00 | 91.88 5.57 -37.51 | 136.84 11.31 -30.33 | 296.21 15.97 -145.23 | 218.55 14.19 -86.68 | 207.79 8.86 -124.93 | 140.47 12.15 -22.03 | 103.82 10.56 0.00 | 104.15 10.33 0.00 | 119.11 11.70 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 84.98 5.34 0.00 | 75.23 4.79 0.00 | 74.42 4.76 0.00 | 75.62 4.93 0.00 | 68.12 4.35 0.00 | 64.62 4.06 0.00 | 101.45 6.74 0.00 | 68.61 4.90 0.00 | 62.66 4.79 0.00 | 38.12 3.03 0.00 | 50.84 4.36 -0.79 | 49.52 3.96 -4.36 | 47.66 4.09 0.00 | 63.44 5.32 0.00 | 78.05 6.17 0.00 | 81.03 4.48 -27.75 | 111.05 8.83 -7.02 | 179.01 13.01 -30.98 | 153.09 11.41 -24.00 | 136.39 7.34 -55.04 | 122.13 10.16 -5.68 | 101.78 8.52 0.00 | 102.28 8.45 0.00 | 116.94 9.53 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 87.48 7.83 0.00 | 80.27 7.20 -2.63 | 76.73 7.08 0.00 | 77.89 7.19 0.00 | 70.18 6.42 0.00 | 67.68 6.19 -0.93 | 109.69 9.92 -5.06 | 70.73 7.01 0.00 | 64.53 6.67 0.00 | 39.18 4.09 0.00 | 52.05 5.57 -0.79 | 50.62 5.13 -4.29 | 48.76 5.20 0.00 | 64.80 6.68 0.00 | 80.17 8.29 0.00 | 82.73 6.12 -27.81 | 113.94 11.71 -7.03 | 182.72 16.65 -31.06 | 157.04 15.30 -24.06 | 139.01 9.83 -55.18 | 126.05 14.07 -5.69 | 104.91 11.65 0.00 | 105.66 11.83 0.00 | 120.22 12.80 0.00 |
| WOODARD___115KV_TB2 355635 | 77.44 -2.21 0.00 | 68.52 -1.92 0.00 | 67.78 -1.88 0.00 | 68.80 -1.90 0.00 | 62.03 -1.74 0.00 | 58.85 -1.71 0.00 | 92.25 -2.47 0.00 | 62.00 -1.72 0.00 | 56.45 -1.42 0.00 | 34.39 -0.70 0.00 | 44.77 -0.99 -0.07 | 40.38 -0.81 0.00 | 42.62 -0.94 0.00 | 56.84 -1.28 0.00 | 70.18 -1.70 0.00 | 50.38 -1.04 -2.62 | 93.05 -2.15 0.00 | 132.04 -2.98 0.00 | 115.09 -2.59 0.00 | 74.54 -1.59 -2.12 | 103.80 -2.49 0.00 | 91.00 -2.26 0.00 | 91.61 -2.22 0.00 | 104.56 -2.85 0.00 |
| YORK___WARBASSE 23770 | 84.89 5.24 0.00 | 75.11 4.67 0.00 | 74.31 4.65 0.00 | 75.55 4.85 0.00 | 68.10 4.33 0.00 | 64.62 4.06 0.00 | 101.43 6.71 0.00 | 68.90 5.02 -0.16 | 64.62 4.91 -1.84 | 59.57 3.16 -21.32 | 61.47 4.62 -11.16 | 70.40 4.20 -25.00 | 70.41 4.40 -22.45 | 72.04 5.59 -8.33 | 78.41 6.32 -0.21 | 145.92 4.63 -92.49 | 159.91 9.14 -55.57 | 333.29 13.37 -184.90 | 371.60 11.74 -242.19 | 426.85 7.62 -345.22 | 205.25 10.42 -88.54 | 167.58 8.72 -65.61 | 125.77 8.65 -23.29 | 117.32 9.91 0.00 |