

Day Ahead Market Generator LBMP

| Generator Data | | --- LBMP \$ | | | | | | | | | | | | | | | --- Marginal Cost of Losses | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | 10/07/2025 |
|----------------------|--------|-------------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-----------------------------|-------|--------|--------|--------|-------|-------|-------|-------|--|---------------------------------|--|--|--|--|--|--|--|--|--|------------|
| Name | PTID | 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 | | | | | | | | | | | | |
| 59TH STREET_GT_1 | 24138 | 37.71 | 32.54 | 31.75 | 30.59 | 30.52 | 33.92 | 44.25 | 50.68 | 46.79 | 41.77 | 41.82 | 42.50 | 44.66 | 47.09 | 50.72 | 59.41 | 79.92 | 112.74 | 123.32 | 95.20 | 72.60 | 52.08 | 45.71 | 42.03 | | | | | | | | | | | | |
| | | 2.53 | 1.81 | 1.74 | 1.73 | 1.70 | 1.94 | 2.29 | 2.80 | 2.98 | 2.91 | 3.13 | 3.72 | 3.38 | 3.57 | 3.76 | 4.35 | 6.33 | 9.75 | 10.47 | 7.37 | 4.75 | 2.99 | 2.51 | 2.45 | | | | | | | | | | | | |
| | | -0.11 | 0.00 | 0.00 | 0.00 | 0.00 | -0.20 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | |
| 74TH STREET_GT_1 | 24260 | 37.64 | 32.54 | 31.75 | 30.62 | 30.55 | 33.92 | 44.21 | 50.64 | 46.70 | 41.73 | 41.78 | 42.46 | 44.58 | 47.05 | 50.63 | 59.30 | 79.84 | 112.65 | 123.21 | 95.11 | 72.60 | 52.04 | 45.76 | 42.03 | | | | | | | | | | | | |
| | | 2.46 | 1.81 | 1.74 | 1.76 | 1.73 | 1.94 | 2.25 | 2.75 | 2.89 | 2.88 | 3.09 | 3.68 | 3.30 | 3.53 | 3.66 | 4.24 | 6.25 | 9.65 | 10.36 | 7.28 | 4.75 | 2.95 | 2.55 | 2.45 | | | | | | | | | | | | |
| | | -0.11 | 0.00 | 0.00 | 0.00 | 0.00 | -0.20 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | |
| 74TH STREET_GT_2 | 24261 | 37.64 | 32.54 | 31.75 | 30.62 | 30.55 | 33.92 | 44.21 | 50.64 | 46.70 | 41.73 | 41.78 | 42.46 | 44.58 | 47.05 | 50.63 | 59.30 | 79.84 | 112.65 | 123.21 | 95.11 | 72.60 | 52.04 | 45.76 | 42.03 | | | | | | | | | | | | |
| | | 2.46 | 1.81 | 1.74 | 1.76 | 1.73 | 1.94 | 2.25 | 2.75 | 2.89 | 2.88 | 3.09 | 3.68 | 3.30 | 3.53 | 3.66 | 4.24 | 6.25 | 9.65 | 10.36 | 7.28 | 4.75 | 2.95 | 2.55 | 2.45 | | | | | | | | | | | | |
| | | -0.11 | 0.00 | 0.00 | 0.00 | 0.00 | -0.20 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | |
| ADK HUDSON___FALLS | 24011 | 37.24 | 32.02 | 31.39 | 30.24 | 30.14 | 34.62 | 53.80 | 61.79 | 45.39 | 39.83 | 39.38 | 39.78 | 42.06 | 44.43 | 48.28 | 56.88 | 77.05 | 125.05 | 132.61 | 97.06 | 71.04 | 51.25 | 44.98 | 41.12 | | | | | | | | | | | | |
| | | 1.44 | 1.29 | 1.38 | 1.39 | 1.33 | 1.46 | 1.89 | 2.29 | 1.58 | 0.97 | 0.70 | 1.01 | 0.78 | 0.91 | 1.31 | 1.82 | 3.46 | 6.04 | 7.26 | 4.71 | 3.19 | 2.16 | 1.77 | 1.54 | | | | | | | | | | | | |
| | | -0.73 | -0.01 | 0.00 | 0.00 | 0.00 | -1.38 | -11.69 | -13.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -21.52 | -18.56 | -6.71 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | |
| ADK RESOURCE___RCVRY | 23798 | 37.30 | 32.08 | 31.48 | 30.33 | 30.23 | 34.68 | 53.66 | 61.62 | 45.47 | 39.86 | 39.38 | 39.82 | 42.10 | 44.48 | 48.37 | 56.99 | 77.27 | 124.94 | 132.60 | 97.24 | 71.31 | 51.45 | 45.11 | 41.24 | | | | | | | | | | | | |
| | | 1.51 | 1.35 | 1.47 | 1.47 | 1.41 | 1.56 | 2.01 | 2.43 | 1.66 | 1.01 | 0.70 | 1.05 | 0.83 | 0.96 | 1.41 | 1.93 | 3.68 | 6.43 | 7.69 | 5.05 | 3.46 | 2.36 | 1.90 | 1.66 | | | | | | | | | | | | |
| | | -0.71 | -0.01 | 0.00 | 0.00 | 0.00 | -1.35 | -11.43 | -13.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -21.02 | -18.11 | -6.55 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | |
| ADK S GLENS___FALLS | 24028 | 37.24 | 32.02 | 31.39 | 30.24 | 30.14 | 34.62 | 53.80 | 61.79 | 45.39 | 39.83 | 39.38 | 39.78 | 42.06 | 44.43 | 48.28 | 56.88 | 77.05 | 125.05 | 132.61 | 97.06 | 71.04 | 51.25 | 44.98 | 41.12 | | | | | | | | | | | | |
| | | 1.44 | 1.29 | 1.38 | 1.39 | 1.33 | 1.46 | 1.89 | 2.29 | 1.58 | 0.97 | 0.70 | 1.01 | 0.78 | 0.91 | 1.31 | 1.82 | 3.46 | 6.04 | 7.26 | 4.71 | 3.19 | 2.16 | 1.77 | 1.54 | | | | | | | | | | | | |
| | | -0.73 | -0.01 | 0.00 | 0.00 | 0.00 | -1.38 | -11.69 | -13.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -21.52 | -18.56 | -6.71 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | |
| ADK_NYS___DAM | 23527 | 38.06 | 32.30 | 31.51 | 30.36 | 30.34 | 35.63 | 59.95 | 68.86 | 46.04 | 40.49 | 40.27 | 40.75 | 42.88 | 45.13 | 48.89 | 57.32 | 77.41 | 136.32 | 141.36 | 100.61 | 70.91 | 51.25 | 44.94 | 41.20 | | | | | | | | | | | | |
| | | 1.89 | 1.57 | 1.50 | 1.50 | 1.53 | 1.78 | 2.17 | 2.52 | 2.23 | 1.63 | 1.59 | 1.98 | 1.61 | 1.61 | 1.93 | 2.26 | 3.82 | 6.82 | 7.16 | 5.05 | 3.06 | 2.16 | 1.73 | 1.62 | | | | | | | | | | | | |
| | | -1.10 | -0.01 | 0.00 | 0.00 | 0.00 | -2.07 | -17.56 | -20.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -32.01 | -27.41 | -9.92 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | |
| AIR_PRODUCTS___DRP | 24190 | 34.19 | 30.96 | 30.34 | 29.23 | 29.13 | 29.96 | 22.04 | 24.74 | 44.16 | 39.01 | 38.76 | 39.08 | 41.32 | 43.52 | 47.10 | 55.28 | 74.47 | 59.20 | 70.52 | 72.79 | 68.19 | 49.24 | 43.30 | 39.66 | | | | | | | | | | | | |
| | | 0.28 | 0.25 | 0.33 | 0.38 | 0.32 | 0.38 | 0.44 | 0.60 | 0.35 | 0.16 | 0.08 | 0.31 | 0.04 | 0.00 | 0.14 | 0.22 | 0.88 | 2.44 | 2.56 | 1.20 | 0.34 | 0.15 | 0.09 | 0.08 | | | | | | | | | | | | |
| | | 1.16 | 0.01 | 0.00 | 0.00 | 0.00 | 2.20 | 18.63 | 21.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 40.73 | 38.83 | 14.05 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | |
| AKWESSNE_115KV_BK | 355683 | 35.11 | 30.82 | 30.04 | 28.80 | 28.79 | 31.81 | 40.42 | 46.05 | 44.03 | 39.09 | 38.92 | 38.70 | 41.52 | 43.74 | 47.06 | 55.12 | 73.37 | 95.93 | 105.40 | 85.13 | 68.26 | 49.43 | 43.64 | 39.81 | | | | | | | | | | | | |
| | | 0.04 | 0.09 | 0.03 | -0.06 | -0.03 | 0.03 | 0.20 | 0.18 | 0.22 | 0.23 | 0.23 | -0.08 | 0.25 | 0.22 | 0.09 | 0.06 | -0.22 | -1.56 | -1.39 | -0.51 | 0.41 | 0.34 | 0.43 | 0.24 | | | | | | | | | | | | |
| | | 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 | 323833 | 34.29 | 30.99 | 30.43 | 29.29 | 29.19 | 29.95 | 21.47 | 23.95 | 43.84 | 38.59 | 38.26 | 38.58 | 40.82 | 43.09 | 46.78 | 55.01 | 73.34 | 59.05 | 71.04 | 73.21 | 68.46 | 49.48 | 43.43 | 39.81 | | | | | | | | | | | | |
| | | 0.42 | 0.28 | 0.42 | 0.43 | 0.37 | 0.44 | 0.52 | 0.55 | 0.04 | -0.27 | -0.42 | -0.19 | -0.45 | -0.44 | -0.19 | -0.06 | 0.81 | 2.63 | 2.88 | 1.54 | 0.61 | 0.39 | 0.22 | 0.24 | | | | | | | | | | | | |
| | | 1.20 | 0.01 | 0.00 | 0.00 | 0.00 | 2.27 | 19.27 | 22.47 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.05 | 41.07 | 38.63 | 13.98 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | |
| ALBANY_2_SOLAR | 323834 | 34.26 | 30.99 | 30.43 | 29.29 | 29.19 | 29.95 | 21.47 | 23.99 | 43.84 | 38.59 | 38.26 | 38.58 | 40.82 | 43.09 | 46.78 | 55.01 | 73.35 | 59.02 | 71.11 | 73.14 | 68.46 | 49.48 | 43.43 | 39.81 | | | | | | | | | | | | |
| | | 0.39 | 0.28 | 0.42 | 0.43 | 0.37 | 0.44 | 0.48 | 0.55 | 0.04 | -0.27 | -0.42 | -0.19 | -0.45 | -0.44 | -0.19 | -0.06 | 0.81 | 2.53 | 2.88 | 1.45 | 0.61 | 0.39 | 0.22 | 0.24 | | | | | | | | | | | | |
| | | 1.20 | 0.01 | 0.00 | 0.00 | 0.00 | 2.27 | 19.24 | 22.43 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.05 | 41.00 | 38.57 | 13.95 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | |
| ALBANY___1 | 23571 | 34.19 | 30.96 | 30.34 | 29.23 | 29.13 | 29.96 | 22.04 | 24.74 | 44.16 | 39.01 | 38.76 | 39.08 | 41.32 | 43.52 | 47.10 | 55.28 | 74.47 | 59.20 | 70.52 | 72.79 | 68.19 | 49.24 | 43.30 | 39.66 | | | | | | | | | | | | |
| | | 0.28 | 0.25 | 0.33 | 0.38 | 0.32 | 0.38 | 0.44 | 0.60 | 0.35 | 0.16 | 0.08 | 0.31 | 0.04 | 0.00 | 0.14 | 0.22 | 0.88 | 2.44 | 2.56 | 1.20 | 0.34 | 0.15 | 0.09 | 0.08 | | | | | | | | | | | | |
| | | 1.16 | 0.01 | 0.00 | 0.00 | 0.00 | 2.20 | 18.63 | 21.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 40.73 | 38.83 | 14.05 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 34.19 0.28 1.16 | 30.96 0.25 0.01 | 30.34 0.33 0.00 | 29.23 0.38 0.00 | 29.13 0.32 0.00 | 29.96 0.38 2.20 | 22.04 0.44 18.63 | 24.74 0.60 21.72 | 44.16 0.35 0.00 | 39.01 0.16 0.00 | 38.76 0.08 0.00 | 39.08 0.31 0.00 | 41.32 0.04 0.00 | 43.52 0.00 0.00 | 47.10 0.14 0.00 | 55.28 0.22 0.00 | 74.47 0.88 0.00 | 59.20 2.44 40.73 | 70.52 2.56 38.83 | 72.79 1.20 14.05 | 68.19 0.34 0.00 | 49.24 0.15 0.00 | 43.30 0.09 0.00 | 39.66 0.08 0.00 |
| ALBANY___3 23573 | 34.19 0.28 1.16 | 30.96 0.25 0.01 | 30.34 0.33 0.00 | 29.23 0.38 0.00 | 29.13 0.32 0.00 | 29.96 0.38 2.20 | 22.04 0.44 18.63 | 24.74 0.60 21.72 | 44.16 0.35 0.00 | 39.01 0.16 0.00 | 38.76 0.08 0.00 | 39.08 0.31 0.00 | 41.32 0.04 0.00 | 43.52 0.00 0.00 | 47.10 0.14 0.00 | 55.28 0.22 0.00 | 74.47 0.88 0.00 | 59.20 2.44 40.73 | 70.52 2.56 38.83 | 72.79 1.20 14.05 | 68.19 0.34 0.00 | 49.24 0.15 0.00 | 43.30 0.09 0.00 | 39.66 0.08 0.00 |
| ALBANY___4 23574 | 34.19 0.28 1.16 | 30.96 0.25 0.01 | 30.34 0.33 0.00 | 29.23 0.38 0.00 | 29.13 0.32 0.00 | 29.96 0.38 2.20 | 22.04 0.44 18.63 | 24.74 0.60 21.72 | 44.16 0.35 0.00 | 39.01 0.16 0.00 | 38.76 0.08 0.00 | 39.08 0.31 0.00 | 41.32 0.04 0.00 | 43.52 0.00 0.00 | 47.10 0.14 0.00 | 55.28 0.22 0.00 | 74.47 0.88 0.00 | 59.20 2.44 40.73 | 70.52 2.56 38.83 | 72.79 1.20 14.05 | 68.19 0.34 0.00 | 49.24 0.15 0.00 | 43.30 0.09 0.00 | 39.66 0.08 0.00 |
| ALBANY___LFGE 323615 | 36.07 0.63 -0.36 | 31.25 0.52 0.00 | 30.61 0.60 0.00 | 29.49 0.63 0.00 | 29.39 0.58 0.00 | 33.13 0.67 -0.68 | 46.82 0.80 -5.79 | 53.63 1.01 -6.76 | 44.55 0.74 0.00 | 39.36 0.50 0.00 | 39.07 0.39 0.00 | 39.47 0.70 0.00 | 41.69 0.41 0.00 | 43.96 0.44 0.00 | 47.67 0.71 0.00 | 55.84 0.77 0.00 | 75.28 1.69 0.00 | 109.72 3.50 -8.73 | 116.94 3.74 -6.41 | 90.10 2.14 -2.32 | 68.93 1.08 0.00 | 49.83 0.74 0.00 | 43.68 0.48 0.00 | 40.05 0.48 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 35.25 0.18 0.00 | 30.97 0.25 0.00 | 30.13 0.12 0.00 | 28.91 0.06 0.00 | 28.90 0.09 0.00 | 31.97 0.19 0.00 | 40.67 0.44 0.00 | 46.28 0.41 0.00 | 44.20 0.39 0.00 | 39.24 0.39 0.00 | 39.07 0.39 0.00 | 38.89 0.12 0.00 | 41.73 0.45 0.00 | 43.91 0.39 0.00 | 47.20 0.23 0.00 | 55.34 0.28 0.00 | 73.59 0.00 0.00 | 96.41 -1.07 0.00 | 105.83 -0.96 0.00 | 85.55 -0.09 0.00 | 68.60 0.75 0.00 | 49.73 0.64 0.00 | 43.90 0.69 0.00 | 40.01 0.44 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 35.25 0.18 0.00 | 30.97 0.25 0.00 | 30.13 0.12 0.00 | 28.91 0.06 0.00 | 28.90 0.09 0.00 | 31.97 0.19 0.00 | 40.67 0.44 0.00 | 46.28 0.41 0.00 | 44.20 0.39 0.00 | 39.24 0.39 0.00 | 39.07 0.39 0.00 | 38.89 0.12 0.00 | 41.73 0.45 0.00 | 43.91 0.39 0.00 | 47.20 0.23 0.00 | 55.34 0.28 0.00 | 73.59 0.00 0.00 | 96.41 -1.07 0.00 | 105.83 -0.96 0.00 | 85.55 -0.09 0.00 | 68.60 0.75 0.00 | 49.73 0.64 0.00 | 43.90 0.69 0.00 | 40.01 0.44 0.00 |
| ALCOA___DSASP 323711 | 35.25 0.18 0.00 | 30.97 0.24 0.00 | 30.13 0.12 0.00 | 28.91 0.06 0.00 | 28.90 0.09 0.00 | 31.97 0.19 0.00 | 40.67 0.44 0.00 | 46.28 0.41 0.00 | 44.20 0.39 0.00 | 39.24 0.39 0.00 | 39.07 0.39 0.00 | 38.89 0.12 0.00 | 41.73 0.45 0.00 | 43.91 0.39 0.00 | 47.15 0.19 0.00 | 55.34 0.28 0.00 | 73.59 0.00 0.00 | 96.42 -1.07 0.00 | 105.83 -0.96 0.00 | 85.55 -0.09 0.00 | 68.60 0.75 0.00 | 49.68 0.59 0.00 | 43.81 0.60 0.00 | 40.01 0.44 0.00 |
| ALLEGHENY___COGEN 23514 | 35.46 0.39 0.00 | 31.56 0.83 0.00 | 30.49 0.48 0.00 | 29.29 0.43 0.00 | 29.36 0.55 0.00 | 32.22 0.44 0.00 | 40.71 0.48 0.00 | 46.37 0.51 0.00 | 43.59 -0.22 0.00 | 38.62 -0.23 0.00 | 38.53 -0.15 0.00 | 38.93 0.16 0.00 | 40.82 -0.45 0.00 | 43.09 -0.44 0.00 | 46.73 -0.23 0.00 | 54.79 -0.27 0.00 | 67.07 -1.03 5.48 | 89.85 0.10 7.73 | 108.44 1.70 0.05 | 87.78 2.14 0.00 | 68.33 0.48 0.00 | 49.92 0.83 0.00 | 44.55 1.34 0.00 | 40.45 0.87 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 34.87 0.56 0.77 | 31.15 0.43 0.01 | 30.55 0.54 0.00 | 29.40 0.55 0.00 | 29.34 0.52 0.00 | 30.90 0.57 1.45 | 28.57 0.60 12.26 | 32.36 0.78 14.29 | 44.42 0.61 0.00 | 39.32 0.47 0.00 | 39.15 0.46 0.00 | 39.51 0.74 0.00 | 41.73 0.45 0.00 | 44.00 0.48 0.00 | 47.57 0.61 0.00 | 55.78 0.72 0.00 | 75.06 1.40 -0.08 | 73.91 2.92 26.50 | 84.66 2.99 25.12 | 78.26 1.71 9.09 | 68.73 0.88 0.00 | 49.63 0.54 0.00 | 43.64 0.43 0.00 | 40.01 0.44 0.00 |
| ALTONA_WT_PWR 323606 | 34.62 -0.46 0.00 | 30.48 -0.25 0.00 | 29.62 -0.39 0.00 | 28.34 -0.52 0.00 | 28.33 -0.49 0.00 | 31.33 -0.44 0.00 | 39.98 -0.24 0.00 | 45.41 -0.46 0.00 | 43.37 -0.44 0.00 | 38.66 -0.19 0.00 | 38.61 -0.08 0.00 | 38.51 -0.27 0.00 | 40.78 -0.49 0.00 | 42.56 -0.96 0.00 | 44.52 -2.44 0.00 | 45.11 -3.36 6.59 | 49.23 -4.86 19.50 | 89.78 -7.70 0.00 | 99.21 -7.58 0.00 | 80.41 -5.23 0.00 | 64.87 -2.98 0.00 | 47.66 -1.43 0.00 | 43.34 0.13 0.00 | 40.17 0.59 0.00 |
| AMERICAN_REF_FUEL 24010 | 33.22 -1.86 0.00 | 29.96 -0.77 0.00 | 28.42 -1.59 0.00 | 27.44 -1.41 0.00 | 27.81 -1.01 0.00 | 29.94 -1.84 0.00 | 36.52 -3.70 0.00 | 41.42 -4.45 0.00 | 39.56 -4.25 0.00 | 35.75 -3.11 0.00 | 35.90 -2.79 0.00 | 36.49 -2.29 0.00 | 38.26 -3.01 0.00 | 40.17 -3.35 0.00 | 43.35 -3.62 0.00 | 49.72 -5.34 0.00 | 59.22 -9.49 4.87 | 79.66 -10.92 6.91 | 93.94 -12.82 0.04 | 76.22 -9.42 0.00 | 59.57 -8.28 0.00 | 43.98 -5.11 0.00 | 40.36 -2.85 0.00 | 37.28 -2.30 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 32.73 -2.35 0.00 | 29.41 -1.32 0.00 | 28.30 -1.71 0.00 | 27.35 -1.50 0.00 | 27.41 -1.41 0.00 | 30.00 -1.78 0.00 | 37.25 -2.98 0.00 | 42.52 -3.35 0.00 | 40.52 -3.29 0.00 | 36.64 -2.21 0.00 | 36.83 -1.86 0.00 | 37.50 -1.28 0.00 | 39.21 -2.06 0.00 | 41.21 -2.31 0.00 | 44.43 -2.54 0.00 | 50.77 -4.30 0.00 | 61.20 -7.51 4.88 | 82.84 -7.70 6.94 | 99.38 -7.37 0.04 | 80.50 -5.14 0.00 | 62.29 -5.56 0.00 | 45.61 -3.48 0.00 | 41.27 -1.94 0.00 | 37.68 -1.90 0.00 |
| ARTHUR KILL_GT_1 23520 | 37.58 2.39 -0.12 | 32.49 1.75 -0.01 | 31.70 1.68 -0.01 | 30.57 1.70 -0.01 | 30.50 1.67 -0.01 | 33.87 1.87 -0.21 | 43.75 1.81 -1.72 | 50.03 2.16 -2.01 | 46.07 2.28 0.02 | 41.21 2.37 0.02 | 41.30 2.63 0.02 | 42.05 3.30 0.02 | 44.19 2.93 0.02 | 46.65 3.13 0.01 | 50.15 3.19 0.01 | 58.75 3.69 0.01 | 79.10 5.52 0.01 | 111.66 8.68 -5.50 | 122.13 9.29 -6.05 | 94.25 6.42 -2.18 | 71.92 4.07 0.01 | 51.59 2.50 0.01 | 45.57 2.38 0.02 | 41.70 2.14 0.01 |
| ARTHUR_KILL_2 23512 | 37.47 2.28 -0.12 | 32.36 1.63 -0.01 | 31.61 1.59 -0.01 | 30.45 1.59 -0.01 | 30.41 1.58 -0.01 | 33.77 1.78 -0.21 | 43.63 1.69 -1.72 | 49.85 1.97 -2.01 | 45.89 2.10 0.02 | 41.09 2.25 0.02 | 41.15 2.48 0.02 | 41.94 3.18 0.02 | 44.07 2.81 0.02 | 46.51 3.00 0.01 | 50.01 3.05 0.01 | 58.53 3.47 0.01 | 78.80 5.23 0.01 | 111.27 8.28 -5.50 | 121.70 8.86 -6.05 | 93.91 6.08 -2.18 | 71.64 3.80 0.01 | 51.44 2.36 0.01 | 45.27 2.07 0.02 | 41.59 2.02 0.01 |
| ARTHUR_KILL_3 23513 | 37.29 2.10 -0.11 | 32.23 1.51 0.00 | 31.45 1.44 0.00 | 30.30 1.44 0.00 | 30.26 1.44 0.00 | 33.57 1.59 -0.20 | 43.71 1.77 -1.72 | 50.04 2.16 -2.02 | 46.16 2.36 0.01 | 41.22 2.37 0.01 | 41.23 2.55 0.01 | 41.91 3.14 0.01 | 44.03 2.77 0.01 | 46.44 2.92 0.00 | 50.01 3.05 0.00 | 58.59 3.53 0.00 | 78.89 5.30 0.00 | 111.38 8.39 -5.51 | 121.82 8.97 -6.06 | 94.08 6.25 -2.19 | 71.72 3.87 0.00 | 51.45 2.36 0.00 | 45.02 1.81 0.01 | 41.55 1.98 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|
| ARTHUR_KILL_COGEN 323718 | 37.58 2.39 -0.12 | 32.46 1.72 -0.01 | 31.70 1.68 -0.01 | 30.54 1.67 -0.01 | 30.50 1.67 -0.01 | 33.87 1.87 -0.21 | 43.75 1.81 -1.72 | 49.99 2.11 -2.01 | 46.03 2.23 0.02 | 41.21 2.37 0.02 | 41.26 2.59 0.02 | 42.05 3.29 0.02 | 44.19 2.93 0.02 | 46.65 3.14 0.01 | 50.15 3.20 0.01 | 58.69 3.63 0.01 | 79.10 5.52 0.01 | 111.66 8.67 -5.50 | 122.13 9.29 -6.05 | 94.25 6.43 -2.18 | 71.91 4.07 0.01 | 51.63 2.55 0.01 | 45.44 2.25 0.02 | 41.70 2.14 0.01 |
| ASHOKAN____ 23654 | 36.50 2.31 0.89 | 32.04 1.32 0.01 | 31.30 1.29 0.00 | 30.18 1.33 0.00 | 30.12 1.30 0.00 | 32.16 2.06 1.68 | 28.58 2.61 14.26 | 32.18 2.94 16.62 | 45.50 1.71 0.02 | 39.83 0.97 0.00 | 39.65 0.97 0.00 | 40.09 1.32 0.00 | 42.35 1.07 0.00 | 44.83 1.30 0.00 | 48.56 1.60 0.00 | 57.10 2.04 0.00 | 78.39 5.96 1.16 | 78.10 10.33 29.72 | 91.01 11.85 27.64 | 84.12 8.48 10.00 | 71.65 3.80 0.00 | 51.59 2.50 0.00 | 45.15 1.95 0.00 | 41.51 1.94 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.21 2.25 -1.73 | 50.36 2.48 -2.02 | 46.25 2.45 0.01 | 41.45 2.60 0.01 | 41.47 2.79 0.00 | 42.27 3.49 0.00 | 44.45 3.18 0.00 | 46.92 3.40 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.17 9.16 -5.52 | 122.67 9.82 -6.06 | 94.60 6.76 -2.20 | 72.14 4.28 -0.01 | 51.94 2.85 0.00 | 45.81 2.59 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.21 2.25 -1.73 | 50.36 2.48 -2.02 | 46.25 2.45 0.01 | 41.45 2.60 0.01 | 41.47 2.79 0.00 | 42.27 3.49 0.00 | 44.45 3.18 0.00 | 46.92 3.40 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.17 9.16 -5.52 | 122.67 9.82 -6.06 | 94.60 6.76 -2.20 | 72.14 4.28 -0.01 | 51.94 2.85 0.00 | 45.81 2.59 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_GT2_1 24094 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.25 2.29 -1.73 | 50.41 2.52 -2.02 | 46.31 2.50 0.00 | 41.46 2.60 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.92 3.39 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.61 6.77 -2.20 | 72.13 4.27 -0.01 | 51.94 2.85 0.00 | 45.94 2.72 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_GT2_2 24095 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.25 2.29 -1.73 | 50.41 2.52 -2.02 | 46.31 2.50 0.00 | 41.46 2.60 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.92 3.39 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.61 6.77 -2.20 | 72.13 4.27 -0.01 | 51.94 2.85 0.00 | 45.94 2.72 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_GT2_3 24096 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.25 2.29 -1.73 | 50.41 2.52 -2.02 | 46.31 2.50 0.00 | 41.46 2.60 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.92 3.39 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.61 6.77 -2.20 | 72.13 4.27 -0.01 | 51.94 2.85 0.00 | 45.94 2.72 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_GT2_4 24097 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.25 2.29 -1.73 | 50.41 2.52 -2.02 | 46.31 2.50 0.00 | 41.46 2.60 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.92 3.39 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.61 6.77 -2.20 | 72.13 4.27 -0.01 | 51.94 2.85 0.00 | 45.94 2.72 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_GT3_1 24098 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.25 2.29 -1.73 | 50.41 2.52 -2.02 | 46.31 2.50 0.00 | 41.46 2.60 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.92 3.39 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.61 6.77 -2.20 | 72.13 4.27 -0.01 | 51.94 2.85 0.00 | 45.94 2.72 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_GT3_2 24099 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.25 2.29 -1.73 | 50.41 2.52 -2.02 | 46.31 2.50 0.00 | 41.46 2.60 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.92 3.39 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.61 6.77 -2.20 | 72.13 4.27 -0.01 | 51.94 2.85 0.00 | 45.94 2.72 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_GT3_3 24100 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.25 2.29 -1.73 | 50.41 2.52 -2.02 | 46.31 2.50 0.00 | 41.46 2.60 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.92 3.39 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.61 6.77 -2.20 | 72.13 4.27 -0.01 | 51.94 2.85 0.00 | 45.94 2.72 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_GT3_4 24101 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.25 2.29 -1.73 | 50.41 2.52 -2.02 | 46.31 2.50 0.00 | 41.46 2.60 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.92 3.39 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.61 6.77 -2.20 | 72.13 4.27 -0.01 | 51.94 2.85 0.00 | 45.94 2.72 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_GT4_1 24102 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.25 2.29 -1.73 | 50.41 2.52 -2.02 | 46.31 2.50 0.00 | 41.46 2.60 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.92 3.39 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.61 6.77 -2.20 | 72.13 4.27 -0.01 | 51.94 2.85 0.00 | 45.94 2.72 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_GT4_2 24103 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.25 2.29 -1.73 | 50.41 2.52 -2.02 | 46.31 2.50 0.00 | 41.46 2.60 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.92 3.39 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.61 6.77 -2.20 | 72.13 4.27 -0.01 | 51.94 2.85 0.00 | 45.94 2.72 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_GT4_3 24104 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.25 2.29 -1.73 | 50.41 2.52 -2.02 | 46.31 2.50 0.00 | 41.46 2.60 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.92 3.39 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.61 6.77 -2.20 | 72.13 4.27 -0.01 | 51.94 2.85 0.00 | 45.94 2.72 -0.01 | 42.24 2.65 -0.01 |

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|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ASTORIA_GT4_4 24105 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.25 2.29 -1.73 | 50.41 2.52 -2.02 | 46.31 2.50 0.00 | 41.46 2.60 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.92 3.39 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.61 6.77 -2.20 | 72.13 4.27 -0.01 | 51.94 2.85 0.00 | 45.94 2.72 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA_GT_1 23523 | 37.75 2.56 -0.12 | 32.64 1.91 -0.01 | 31.85 1.83 -0.01 | 30.68 1.82 -0.01 | 30.64 1.82 -0.01 | 33.99 2.00 -0.21 | 44.33 2.37 -1.73 | 50.50 2.61 -2.02 | 46.39 2.58 0.00 | 41.58 2.72 0.00 | 41.63 2.94 0.00 | 42.38 3.61 0.00 | 44.58 3.30 0.00 | 47.05 3.53 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.70 6.11 -0.01 | 112.45 9.46 -5.51 | 122.89 10.04 -6.06 | 94.78 6.94 -2.20 | 72.34 4.48 -0.01 | 52.04 2.95 0.00 | 46.03 2.81 -0.01 | 42.31 2.73 -0.01 |
| ASTORIA_GT_10 24110 | 37.61 2.42 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.62 1.76 -0.01 | 30.53 1.70 -0.01 | 33.90 1.91 -0.21 | 44.05 2.09 -1.73 | 50.27 2.39 -2.02 | 46.35 2.54 0.00 | 41.50 2.64 0.00 | 41.55 2.86 0.00 | 42.26 3.49 0.00 | 44.41 3.14 0.00 | 46.83 3.31 0.00 | 50.30 3.33 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.25 9.40 -6.06 | 94.34 6.51 -2.19 | 71.92 4.07 0.00 | 51.69 2.60 0.00 | 45.63 2.42 0.00 | 42.00 2.41 -0.01 |
| ASTORIA_GT_11 24225 | 37.61 2.42 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.62 1.76 -0.01 | 30.53 1.70 -0.01 | 33.90 1.91 -0.21 | 44.05 2.09 -1.73 | 50.27 2.39 -2.02 | 46.35 2.54 0.00 | 41.50 2.64 0.00 | 41.55 2.86 0.00 | 42.26 3.49 0.00 | 44.41 3.14 0.00 | 46.83 3.31 0.00 | 50.30 3.33 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.25 9.40 -6.06 | 94.34 6.51 -2.19 | 71.92 4.07 0.00 | 51.69 2.60 0.00 | 45.63 2.42 0.00 | 42.00 2.41 -0.01 |
| ASTORIA_GT_12 24226 | 37.61 2.42 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.62 1.76 -0.01 | 30.53 1.70 -0.01 | 33.90 1.91 -0.21 | 44.05 2.09 -1.73 | 50.27 2.39 -2.02 | 46.35 2.54 0.00 | 41.50 2.64 0.00 | 41.55 2.86 0.00 | 42.26 3.49 0.00 | 44.41 3.14 0.00 | 46.83 3.31 0.00 | 50.30 3.33 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.25 9.40 -6.06 | 94.34 6.51 -2.19 | 71.92 4.07 0.00 | 51.69 2.60 0.00 | 45.63 2.42 0.00 | 42.00 2.41 -0.01 |
| ASTORIA_GT_13 24227 | 37.61 2.42 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.62 1.76 -0.01 | 30.53 1.70 -0.01 | 33.90 1.91 -0.21 | 44.05 2.09 -1.73 | 50.27 2.39 -2.02 | 46.35 2.54 0.00 | 41.50 2.64 0.00 | 41.55 2.86 0.00 | 42.26 3.49 0.00 | 44.41 3.14 0.00 | 46.83 3.31 0.00 | 50.30 3.33 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.25 9.40 -6.06 | 94.34 6.51 -2.19 | 71.92 4.07 0.00 | 51.69 2.60 0.00 | 45.63 2.42 0.00 | 42.00 2.41 -0.01 |
| ASTORIA_GT_5 24106 | 37.75 2.56 -0.12 | 32.64 1.91 -0.01 | 31.85 1.83 -0.01 | 30.68 1.82 -0.01 | 30.64 1.82 -0.01 | 33.99 2.00 -0.21 | 44.33 2.37 -1.73 | 50.50 2.61 -2.02 | 46.39 2.58 0.00 | 41.58 2.72 0.00 | 41.63 2.94 0.00 | 42.38 3.61 0.00 | 44.58 3.30 0.00 | 47.05 3.53 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.70 6.11 -0.01 | 112.45 9.46 -5.51 | 122.89 10.04 -6.06 | 94.78 6.94 -2.20 | 72.34 4.48 -0.01 | 52.04 2.95 0.00 | 46.03 2.81 -0.01 | 42.31 2.73 -0.01 |
| ASTORIA_GT_7 24107 | 37.75 2.56 -0.12 | 32.64 1.91 -0.01 | 31.85 1.83 -0.01 | 30.68 1.82 -0.01 | 30.64 1.82 -0.01 | 33.99 2.00 -0.21 | 44.33 2.37 -1.73 | 50.50 2.61 -2.02 | 46.39 2.58 0.00 | 41.58 2.72 0.00 | 41.63 2.94 0.00 | 42.38 3.61 0.00 | 44.58 3.30 0.00 | 47.05 3.53 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.70 6.11 -0.01 | 112.45 9.46 -5.51 | 122.89 10.04 -6.06 | 94.78 6.94 -2.20 | 72.34 4.48 -0.01 | 52.04 2.95 0.00 | 46.03 2.81 -0.01 | 42.31 2.73 -0.01 |
| ASTORIA_GT_8 24108 | 37.75 2.56 -0.12 | 32.64 1.91 -0.01 | 31.85 1.83 -0.01 | 30.68 1.82 -0.01 | 30.64 1.82 -0.01 | 33.99 2.00 -0.21 | 44.33 2.37 -1.73 | 50.50 2.61 -2.02 | 46.39 2.58 0.00 | 41.58 2.72 0.00 | 41.63 2.94 0.00 | 42.38 3.61 0.00 | 44.58 3.30 0.00 | 47.05 3.53 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.70 6.11 -0.01 | 112.45 9.46 -5.51 | 122.89 10.04 -6.06 | 94.78 6.94 -2.20 | 72.34 4.48 -0.01 | 52.04 2.95 0.00 | 46.03 2.81 -0.01 | 42.31 2.73 -0.01 |
| ASTORIA___2 24149 | 37.72 2.53 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.65 1.79 -0.01 | 30.58 1.76 -0.01 | 33.93 1.94 -0.21 | 44.21 2.25 -1.73 | 50.36 2.48 -2.02 | 46.25 2.45 0.01 | 41.45 2.60 0.01 | 41.47 2.79 0.00 | 42.27 3.49 0.00 | 44.45 3.18 0.00 | 46.92 3.40 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.48 5.89 -0.01 | 112.17 9.16 -5.52 | 122.67 9.82 -6.06 | 94.60 6.76 -2.20 | 72.14 4.28 -0.01 | 51.94 2.85 0.00 | 45.81 2.59 -0.01 | 42.24 2.65 -0.01 |
| ASTORIA___3 23516 | 37.61 2.42 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.53 1.70 -0.01 | 33.90 1.91 -0.21 | 44.05 2.09 -1.73 | 50.22 2.34 -2.02 | 46.30 2.50 0.00 | 41.50 2.64 0.00 | 41.51 2.82 0.00 | 42.27 3.49 0.00 | 44.41 3.14 0.00 | 46.83 3.31 0.00 | 50.30 3.33 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.25 9.40 -6.06 | 94.34 6.51 -2.19 | 71.92 4.07 0.00 | 51.74 2.65 0.00 | 45.50 2.29 0.00 | 42.00 2.41 -0.01 |
| ASTORIA___4 23517 | 37.61 2.42 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.53 1.70 -0.01 | 33.90 1.91 -0.21 | 44.05 2.09 -1.73 | 50.27 2.39 -2.02 | 46.35 2.54 0.00 | 41.50 2.64 0.00 | 41.55 2.86 0.00 | 42.26 3.49 0.00 | 44.41 3.14 0.00 | 46.83 3.31 0.00 | 50.30 3.33 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.25 9.40 -6.06 | 94.34 6.51 -2.19 | 71.92 4.07 0.00 | 51.69 2.60 0.00 | 45.63 2.42 0.00 | 42.00 2.41 -0.01 |
| ASTORIA___5 23518 | 37.61 2.42 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.53 1.70 -0.01 | 33.90 1.91 -0.21 | 44.05 2.09 -1.73 | 50.22 2.34 -2.02 | 46.30 2.50 0.00 | 41.50 2.64 0.00 | 41.51 2.82 0.00 | 42.27 3.49 0.00 | 44.41 3.14 0.00 | 46.83 3.31 0.00 | 50.30 3.33 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.25 9.40 -6.06 | 94.34 6.51 -2.19 | 71.92 4.07 0.00 | 51.74 2.65 0.00 | 45.50 2.29 0.00 | 42.00 2.41 -0.01 |
| AST_ENERGY_2_CC3 323677 | 23.88 2.18 13.37 | 22.96 1.54 9.30 | 22.96 1.47 8.52 | 22.96 1.50 7.40 | 22.96 1.47 7.33 | 22.96 1.62 10.44 | 22.96 1.89 19.15 | 25.65 2.02 22.23 | 23.29 2.06 22.57 | 22.96 2.25 18.15 | 26.64 2.40 14.45 | 26.64 3.10 15.24 | 26.64 2.77 17.40 | 27.63 2.96 18.85 | 29.62 2.91 20.26 | 39.82 3.36 18.61 | 59.92 5.15 18.81 | 92.54 8.19 13.14 | 102.92 8.76 12.63 | 75.01 5.90 16.54 | 52.59 3.66 18.92 | 32.41 2.40 19.09 | 26.64 2.16 18.73 | 26.64 2.25 15.19 |
| AST_ENERGY_2_CC4 323678 | 23.88 2.18 13.37 | 22.96 1.54 9.30 | 22.96 1.47 8.52 | 22.96 1.50 7.40 | 22.96 1.47 7.33 | 22.96 1.62 10.44 | 22.96 1.89 19.15 | 25.65 2.02 22.23 | 23.29 2.06 22.57 | 22.96 2.25 18.15 | 26.64 2.40 14.45 | 26.64 3.10 15.24 | 26.64 2.77 17.40 | 27.63 2.96 18.85 | 29.62 2.91 20.26 | 39.82 3.36 18.61 | 59.92 5.15 18.81 | 92.54 8.19 13.14 | 102.92 8.76 12.63 | 75.01 5.90 16.54 | 52.59 3.66 18.92 | 32.41 2.40 19.09 | 26.64 2.16 18.73 | 26.64 2.25 15.19 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_1 23668 | 36.23 1.16 0.00 | 31.59 0.86 0.00 | 31.00 0.99 0.00 | 29.87 1.01 0.00 | 29.77 0.95 0.00 | 32.80 1.02 0.00 | 41.35 1.12 0.00 | 47.20 1.33 0.00 | 45.17 1.36 0.00 | 40.10 1.24 0.00 | 40.00 1.32 0.00 | 40.48 1.70 0.00 | 42.68 1.40 0.00 | 45.00 1.48 0.00 | 48.56 1.60 0.00 | 56.94 1.87 0.00 | 76.53 2.95 0.00 | 104.53 5.07 -1.97 | 114.85 5.23 -2.83 | 90.18 3.51 -1.02 | 69.89 2.03 0.00 | 50.46 1.37 0.00 | 44.24 1.04 0.00 | 40.68 1.11 0.00 |
| ATHENS_STG_2 23670 | 36.23 1.16 0.00 | 31.59 0.86 0.00 | 31.00 0.99 0.00 | 29.87 1.01 0.00 | 29.77 0.95 0.00 | 32.80 1.02 0.00 | 41.35 1.12 0.00 | 47.20 1.33 0.00 | 45.17 1.36 0.00 | 40.10 1.24 0.00 | 40.00 1.32 0.00 | 40.48 1.70 0.00 | 42.68 1.40 0.00 | 45.00 1.48 0.00 | 48.56 1.60 0.00 | 56.94 1.87 0.00 | 76.53 2.95 0.00 | 104.53 5.07 -1.97 | 114.85 5.23 -2.83 | 90.18 3.51 -1.02 | 69.89 2.03 0.00 | 50.46 1.37 0.00 | 44.24 1.04 0.00 | 40.68 1.11 0.00 |
| ATHENS_STG_3 23677 | 36.23 1.16 0.00 | 31.59 0.86 0.00 | 31.00 0.99 0.00 | 29.87 1.01 0.00 | 29.77 0.95 0.00 | 32.80 1.02 0.00 | 41.35 1.12 0.00 | 47.20 1.33 0.00 | 45.17 1.36 0.00 | 40.10 1.24 0.00 | 40.00 1.32 0.00 | 40.48 1.70 0.00 | 42.68 1.40 0.00 | 45.00 1.48 0.00 | 48.56 1.60 0.00 | 56.94 1.87 0.00 | 76.53 2.95 0.00 | 104.53 5.07 -1.97 | 114.85 5.23 -2.83 | 90.18 3.51 -1.02 | 69.89 2.03 0.00 | 50.46 1.37 0.00 | 44.24 1.04 0.00 | 40.68 1.11 0.00 |
| AUBURN___LFGE 323710 | 34.90 -0.18 0.00 | 30.67 -0.06 0.00 | 29.89 -0.12 0.00 | 28.71 -0.14 0.00 | 28.73 -0.09 0.00 | 31.68 -0.10 0.00 | 40.14 -0.08 0.00 | 45.82 -0.05 0.00 | 43.81 0.00 0.00 | 38.86 0.00 0.00 | 38.69 0.00 0.00 | 39.05 0.27 0.00 | 41.32 0.04 0.00 | 43.61 0.09 0.00 | 47.10 0.14 0.00 | 55.23 0.17 0.00 | 75.00 0.07 -1.34 | 99.88 0.58 -1.80 | 107.87 1.07 -0.01 | 86.50 0.86 0.00 | 67.99 0.14 0.00 | 49.14 0.05 0.00 | 43.12 -0.09 0.00 | 39.58 0.00 0.00 |
| BABYLON_RES_REC 323704 | 37.22 2.03 -0.11 | 31.89 1.41 0.25 | 31.15 1.35 0.21 | 30.12 1.41 0.15 | 29.91 1.27 0.17 | 33.17 1.49 0.10 | 43.40 1.45 -1.73 | 46.64 1.37 0.60 | 45.50 1.71 0.01 | 40.73 2.37 0.50 | 41.13 2.44 0.00 | 42.00 3.22 -0.01 | 43.10 2.43 0.61 | 45.91 2.44 0.04 | 49.85 3.01 0.12 | 58.39 3.75 0.42 | 77.30 4.56 0.86 | 108.76 7.41 -3.87 | 118.57 7.90 -3.88 | 92.27 5.40 -1.24 | 70.70 3.32 0.47 | 51.24 2.26 0.11 | 44.45 1.25 0.01 | 41.39 1.82 0.01 |
| BALL_HILL_WT_PWR 323825 | 33.22 -1.86 0.00 | 29.83 -0.89 0.00 | 28.72 -1.29 0.00 | 27.70 -1.16 0.00 | 27.75 -1.07 0.00 | 30.22 -1.56 0.00 | 37.41 -2.82 0.00 | 42.61 -3.26 0.00 | 40.52 -3.29 0.00 | 36.60 -2.25 0.00 | 36.75 -1.93 0.00 | 37.42 -1.36 0.00 | 39.17 -2.10 0.00 | 41.21 -2.31 0.00 | 44.47 -2.49 0.00 | 50.99 -4.07 0.00 | 61.36 -7.36 4.87 | 82.27 -8.29 6.93 | 98.11 -8.65 0.04 | 79.47 -6.17 0.00 | 61.81 -6.04 0.00 | 45.31 -3.78 0.00 | 41.14 -2.07 0.00 | 37.64 -1.94 0.00 |
| BARON_WINDS___WT_PWR 323822 | 33.71 -1.37 0.00 | 29.93 -0.80 0.00 | 28.99 -1.02 0.00 | 27.90 -0.95 0.00 | 27.98 -0.84 0.00 | 30.64 -1.14 0.00 | 38.29 -1.93 0.00 | 43.71 -2.16 0.00 | 41.36 -2.45 0.00 | 36.95 -1.90 0.00 | 37.10 -1.59 0.00 | 37.69 -1.09 0.00 | 39.62 -1.65 0.00 | 41.82 -1.70 0.00 | 45.18 -1.78 0.00 | 52.48 -2.59 0.00 | 63.04 -4.49 6.06 | 84.28 -4.68 8.53 | 102.24 -4.48 0.07 | 82.30 -3.34 0.00 | 64.46 -3.39 0.00 | 46.88 -2.21 0.00 | 41.91 -1.30 0.00 | 38.35 -1.23 0.00 |
| BARRETT_IC_1 23704 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |
| BARRETT_IC_10 23701 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |
| BARRETT_IC_11 23702 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |
| BARRETT_IC_12 23703 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |
| BARRETT_IC_2 23705 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |
| BARRETT_IC_3 23706 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |
| BARRETT_IC_4 23707 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |
| BARRETT_IC_5 23708 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |

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| BARRETT_IC_6 23709 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |
| BARRETT_IC_7 23710 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.13 1.27 0.00 | 29.94 1.12 0.00 | 33.32 1.33 -0.20 | 43.20 1.25 -1.73 | 49.05 1.28 -1.90 | 45.38 1.58 0.01 | 40.91 2.06 0.00 | 41.08 2.40 0.00 | 41.69 2.91 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.55 3.97 0.01 | 109.23 6.24 -5.50 | 119.68 6.83 -6.06 | 92.36 4.54 -2.19 | 70.42 2.58 0.01 | 50.96 1.87 0.00 | 44.54 1.34 0.01 | 41.04 1.46 0.00 |
| BARRETT_IC_8 23711 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |
| BARRETT_IC_9 23700 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |
| BARRETT___1 23545 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |
| BARRETT___2 23546 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 29.94 1.12 0.00 | 33.29 1.30 -0.20 | 43.16 1.21 -1.73 | 48.96 1.19 -1.90 | 45.33 1.53 0.01 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.61 2.83 -0.01 | 43.46 2.19 0.00 | 45.74 2.22 0.00 | 49.59 2.63 0.00 | 58.31 3.25 0.00 | 77.48 3.90 0.01 | 109.32 6.33 -5.50 | 119.57 6.73 -6.05 | 92.27 4.45 -2.18 | 70.42 2.58 0.01 | 50.95 1.86 0.00 | 44.32 1.12 0.01 | 41.12 1.54 0.00 |
| BATAVIA__115KV_TB1 55881 | 34.13 -0.95 0.00 | 30.39 -0.34 0.00 | 29.65 -0.36 0.00 | 28.51 -0.35 0.00 | 28.59 -0.23 0.00 | 30.98 -0.79 0.00 | 38.41 -1.81 0.00 | 43.67 -2.20 0.00 | 41.79 -2.02 0.00 | 37.77 -1.09 0.00 | 37.60 -1.08 0.00 | 38.35 -0.43 0.00 | 40.29 -0.99 0.00 | 42.39 -1.13 0.00 | 45.70 -1.27 0.00 | 52.75 -2.31 0.00 | 63.70 -5.00 4.88 | 85.13 -5.46 6.90 | 100.78 -5.98 0.03 | 81.79 -3.85 0.00 | 63.65 -4.21 0.00 | 46.88 -2.21 0.00 | 41.44 -1.77 0.00 | 38.94 -0.63 0.00 |
| BAYONEEC___CTG1 323682 | 37.43 2.25 -0.11 | 32.32 1.60 0.00 | 31.57 1.56 0.00 | 30.41 1.56 0.00 | 30.37 1.56 0.00 | 33.70 1.71 -0.20 | 43.93 1.97 -1.73 | 50.27 2.38 -2.02 | 46.35 2.54 0.00 | 41.42 2.56 0.00 | 41.43 2.75 0.00 | 42.15 3.37 0.00 | 44.25 2.97 0.00 | 46.66 3.14 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.18 5.59 0.00 | 111.77 8.78 -5.51 | 122.25 9.40 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.69 2.60 0.00 | 45.24 2.03 0.00 | 41.71 2.14 0.00 |
| BAYONEEC___CTG10 323750 | 37.43 2.25 -0.11 | 32.32 1.60 0.00 | 31.57 1.56 0.00 | 30.41 1.56 0.00 | 30.37 1.56 0.00 | 33.70 1.71 -0.20 | 43.93 1.97 -1.73 | 50.27 2.38 -2.02 | 46.35 2.54 0.00 | 41.42 2.56 0.00 | 41.43 2.75 0.00 | 42.15 3.37 0.00 | 44.25 2.97 0.00 | 46.66 3.14 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.18 5.59 0.00 | 111.77 8.78 -5.51 | 122.25 9.40 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.69 2.60 0.00 | 45.24 2.03 0.00 | 41.71 2.14 0.00 |
| BAYONEEC___CTG2 323683 | 37.43 2.25 -0.11 | 32.32 1.60 0.00 | 31.57 1.56 0.00 | 30.41 1.56 0.00 | 30.37 1.56 0.00 | 33.70 1.71 -0.20 | 43.93 1.97 -1.73 | 50.27 2.38 -2.02 | 46.35 2.54 0.00 | 41.42 2.56 0.00 | 41.43 2.75 0.00 | 42.15 3.37 0.00 | 44.25 2.97 0.00 | 46.66 3.14 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.18 5.59 0.00 | 111.77 8.78 -5.51 | 122.25 9.40 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.69 2.60 0.00 | 45.24 2.03 0.00 | 41.71 2.14 0.00 |
| BAYONEEC___CTG3 323684 | 37.43 2.25 -0.11 | 32.32 1.60 0.00 | 31.57 1.56 0.00 | 30.41 1.56 0.00 | 30.37 1.56 0.00 | 33.70 1.71 -0.20 | 43.93 1.97 -1.73 | 50.27 2.38 -2.02 | 46.35 2.54 0.00 | 41.42 2.56 0.00 | 41.43 2.75 0.00 | 42.15 3.37 0.00 | 44.25 2.97 0.00 | 46.66 3.14 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.18 5.59 0.00 | 111.77 8.78 -5.51 | 122.25 9.40 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.69 2.60 0.00 | 45.24 2.03 0.00 | 41.71 2.14 0.00 |
| BAYONEEC___CTG4 323685 | 37.43 2.25 -0.11 | 32.32 1.60 0.00 | 31.57 1.56 0.00 | 30.41 1.56 0.00 | 30.37 1.56 0.00 | 33.70 1.71 -0.20 | 43.93 1.97 -1.73 | 50.27 2.38 -2.02 | 46.35 2.54 0.00 | 41.42 2.56 0.00 | 41.43 2.75 0.00 | 42.15 3.37 0.00 | 44.25 2.97 0.00 | 46.66 3.14 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.18 5.59 0.00 | 111.77 8.78 -5.51 | 122.25 9.40 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.69 2.60 0.00 | 45.24 2.03 0.00 | 41.71 2.14 0.00 |
| BAYONEEC___CTG5 323686 | 37.43 2.25 -0.11 | 32.32 1.60 0.00 | 31.57 1.56 0.00 | 30.41 1.56 0.00 | 30.37 1.56 0.00 | 33.70 1.71 -0.20 | 43.93 1.97 -1.73 | 50.27 2.38 -2.02 | 46.35 2.54 0.00 | 41.42 2.56 0.00 | 41.43 2.75 0.00 | 42.15 3.37 0.00 | 44.25 2.97 0.00 | 46.66 3.14 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.18 5.59 0.00 | 111.77 8.78 -5.51 | 122.25 9.40 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.69 2.60 0.00 | 45.24 2.03 0.00 | 41.71 2.14 0.00 |
| BAYONEEC___CTG6 323687 | 37.43 2.25 -0.11 | 32.32 1.60 0.00 | 31.57 1.56 0.00 | 30.41 1.56 0.00 | 30.37 1.56 0.00 | 33.70 1.71 -0.20 | 43.93 1.97 -1.73 | 50.27 2.38 -2.02 | 46.35 2.54 0.00 | 41.42 2.56 0.00 | 41.43 2.75 0.00 | 42.15 3.37 0.00 | 44.25 2.97 0.00 | 46.66 3.14 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.18 5.59 0.00 | 111.77 8.78 -5.51 | 122.25 9.40 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.69 2.60 0.00 | 45.24 2.03 0.00 | 41.71 2.14 0.00 |
| BAYONEEC___CTG7 323688 | 37.43 2.25 -0.11 | 32.32 1.60 0.00 | 31.57 1.56 0.00 | 30.41 1.56 0.00 | 30.37 1.56 0.00 | 33.70 1.71 -0.20 | 43.93 1.97 -1.73 | 50.27 2.38 -2.02 | 46.35 2.54 0.00 | 41.42 2.56 0.00 | 41.43 2.75 0.00 | 42.15 3.37 0.00 | 44.25 2.97 0.00 | 46.66 3.14 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.18 5.59 0.00 | 111.77 8.78 -5.51 | 122.25 9.40 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.69 2.60 0.00 | 45.24 2.03 0.00 | 41.71 2.14 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG8 323689 | 37.43 2.25 -0.11 | 32.32 1.60 0.00 | 31.57 1.56 0.00 | 30.41 1.56 0.00 | 30.37 1.56 0.00 | 33.70 1.71 -0.20 | 43.93 1.97 -1.73 | 50.27 2.38 -2.02 | 46.35 2.54 0.00 | 41.42 2.56 0.00 | 41.43 2.75 0.00 | 42.15 3.37 0.00 | 44.25 2.97 0.00 | 46.66 3.14 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.18 5.59 0.00 | 111.77 8.78 -5.51 | 122.25 9.40 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.69 2.60 0.00 | 45.24 2.03 0.00 | 41.71 2.14 0.00 |
| BAYONEEC___CTG9 323749 | 37.43 2.25 -0.11 | 32.32 1.60 0.00 | 31.57 1.56 0.00 | 30.41 1.56 0.00 | 30.37 1.56 0.00 | 33.70 1.71 -0.20 | 43.93 1.97 -1.73 | 50.27 2.38 -2.02 | 46.35 2.54 0.00 | 41.42 2.56 0.00 | 41.43 2.75 0.00 | 42.15 3.37 0.00 | 44.25 2.97 0.00 | 46.66 3.14 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.18 5.59 0.00 | 111.77 8.78 -5.51 | 122.25 9.40 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.69 2.60 0.00 | 45.24 2.03 0.00 | 41.71 2.14 0.00 |
| BEACON___LESR 323632 | 33.53 0.74 2.29 | 31.32 0.61 0.02 | 30.73 0.72 0.00 | 29.58 0.72 0.00 | 29.51 0.69 0.00 | 28.28 0.82 4.32 | 4.61 1.01 36.62 | 4.41 1.24 42.70 | 44.68 0.88 0.00 | 39.48 0.62 0.00 | 39.15 0.47 0.00 | 39.55 0.78 0.00 | 41.77 0.50 0.00 | 44.04 0.52 0.00 | 47.76 0.80 0.00 | 56.00 0.94 0.00 | 75.52 1.99 0.05 | 24.02 4.09 77.56 | 38.54 4.48 72.73 | 61.89 2.57 26.32 | 69.28 1.43 0.00 | 50.07 0.98 0.00 | 43.90 0.69 0.00 | 40.21 0.63 0.00 |
| BEAVER RIVER___HYD 24048 | 35.88 0.81 0.00 | 31.59 0.86 0.00 | 30.37 0.36 0.00 | 29.06 0.20 0.00 | 29.22 0.40 0.00 | 32.45 0.67 0.00 | 41.31 1.09 0.00 | 47.20 1.33 0.00 | 44.82 1.01 0.00 | 39.32 0.47 0.00 | 38.96 0.27 0.00 | 39.08 0.31 0.00 | 41.60 0.33 0.00 | 43.78 0.26 0.00 | 47.06 0.09 0.00 | 55.94 0.44 -0.43 | 75.82 0.95 -1.28 | 99.04 1.55 0.00 | 109.04 2.25 0.00 | 88.21 2.57 0.00 | 69.61 1.76 0.00 | 50.56 1.47 0.00 | 44.38 1.17 0.00 | 40.37 0.79 0.00 |
| BEEBEE_GT_13 23619 | 34.23 -0.84 0.00 | 30.48 -0.25 0.00 | 29.56 -0.45 0.00 | 28.39 -0.46 0.00 | 28.47 -0.35 0.00 | 31.11 -0.67 0.00 | 39.06 -1.17 0.00 | 44.31 -1.56 0.00 | 42.45 -1.36 0.00 | 38.19 -0.66 0.00 | 38.07 -0.62 0.00 | 38.70 -0.08 0.00 | 40.82 -0.45 0.00 | 42.95 -0.57 0.00 | 46.31 -0.66 0.00 | 53.80 -1.27 0.00 | 65.63 -3.16 4.80 | 86.67 -4.00 6.81 | 102.81 -3.95 0.03 | 83.07 -2.57 0.00 | 64.93 -2.92 0.00 | 47.57 -1.52 0.00 | 41.87 -1.34 0.00 | 38.78 -0.79 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 37.79 2.60 -0.12 | 32.67 1.94 -0.01 | 31.88 1.86 -0.01 | 30.71 1.85 -0.01 | 30.64 1.82 -0.01 | 34.03 2.03 -0.21 | 44.21 2.25 -1.73 | 50.55 2.66 -2.02 | 46.57 2.76 0.00 | 41.69 2.84 0.00 | 41.78 3.09 0.00 | 42.54 3.76 0.00 | 44.70 3.43 0.00 | 47.18 3.66 0.00 | 50.67 3.71 0.00 | 59.36 4.30 0.00 | 79.92 6.33 0.00 | 112.74 9.75 -5.51 | 123.32 10.47 -6.06 | 95.11 7.28 -2.19 | 72.60 4.75 0.00 | 52.13 3.04 0.00 | 45.97 2.77 0.00 | 42.16 2.57 -0.01 |
| BETHLEHEM___GRP 23843 | 34.19 0.28 1.16 | 30.96 0.25 0.01 | 30.34 0.33 0.00 | 29.23 0.38 0.00 | 29.13 0.32 0.00 | 29.96 0.38 2.20 | 22.04 0.44 18.63 | 24.74 0.60 21.72 | 44.16 0.35 0.00 | 39.01 0.16 0.00 | 38.76 0.08 0.00 | 39.08 0.31 0.00 | 41.32 0.04 0.00 | 43.52 0.00 0.00 | 47.10 0.14 0.00 | 55.28 0.22 0.00 | 74.47 0.88 0.00 | 59.20 2.44 40.73 | 70.52 2.56 38.83 | 72.79 1.20 14.05 | 68.19 0.34 0.00 | 49.24 0.15 0.00 | 43.30 0.09 0.00 | 39.66 0.08 0.00 |
| BETHLEHEM___GS1 323560 | 34.19 0.28 1.16 | 30.93 0.22 0.01 | 30.34 0.33 0.00 | 29.20 0.35 0.00 | 29.14 0.32 0.00 | 29.96 0.38 2.20 | 22.04 0.44 18.63 | 24.70 0.55 21.72 | 44.12 0.31 0.00 | 39.01 0.16 0.00 | 38.73 0.04 0.00 | 39.08 0.31 0.00 | 41.32 0.04 0.00 | 43.52 0.00 0.00 | 47.15 0.19 0.00 | 55.29 0.22 0.00 | 74.47 0.89 0.00 | 59.20 2.44 40.73 | 70.52 2.56 38.83 | 72.79 1.20 14.05 | 68.19 0.34 0.00 | 49.29 0.20 0.00 | 43.21 0.00 0.00 | 39.66 0.08 0.00 |
| BETHLEHEM___GS2 323561 | 34.19 0.28 1.16 | 30.93 0.22 0.01 | 30.34 0.33 0.00 | 29.20 0.35 0.00 | 29.14 0.32 0.00 | 29.96 0.38 2.20 | 22.04 0.44 18.63 | 24.70 0.55 21.72 | 44.12 0.31 0.00 | 39.01 0.16 0.00 | 38.73 0.04 0.00 | 39.08 0.31 0.00 | 41.32 0.04 0.00 | 43.52 0.00 0.00 | 47.15 0.19 0.00 | 55.29 0.22 0.00 | 74.47 0.89 0.00 | 59.20 2.44 40.73 | 70.52 2.56 38.83 | 72.79 1.20 14.05 | 68.19 0.34 0.00 | 49.29 0.20 0.00 | 43.21 0.00 0.00 | 39.66 0.08 0.00 |
| BETHLEHEM___GS3 323562 | 34.19 0.28 1.16 | 30.93 0.22 0.01 | 30.34 0.33 0.00 | 29.20 0.35 0.00 | 29.14 0.32 0.00 | 29.96 0.38 2.20 | 22.04 0.44 18.63 | 24.70 0.55 21.72 | 44.12 0.31 0.00 | 39.01 0.16 0.00 | 38.73 0.04 0.00 | 39.08 0.31 0.00 | 41.32 0.04 0.00 | 43.52 0.00 0.00 | 47.15 0.19 0.00 | 55.29 0.22 0.00 | 74.47 0.89 0.00 | 59.20 2.44 40.73 | 70.52 2.56 38.83 | 72.79 1.20 14.05 | 68.19 0.34 0.00 | 49.29 0.20 0.00 | 43.21 0.00 0.00 | 39.66 0.08 0.00 |
| BETHLEHEM___STEEL 23779 | 33.22 -1.86 0.00 | 29.77 -0.95 0.00 | 28.90 -1.11 0.00 | 27.82 -1.04 0.00 | 27.87 -0.95 0.00 | 30.29 -1.49 0.00 | 37.37 -2.86 0.00 | 42.20 -3.67 0.00 | 40.39 -3.42 0.00 | 36.56 -2.29 0.00 | 36.52 -2.17 0.00 | 37.34 -1.43 0.00 | 39.21 -2.06 0.00 | 41.21 -2.31 0.00 | 44.52 -2.44 0.00 | 51.04 -4.02 0.00 | 61.18 -7.51 4.91 | 81.84 -8.68 6.97 | 97.46 -9.29 0.04 | 78.96 -6.68 0.00 | 61.54 -6.31 0.00 | 45.26 -3.83 0.00 | 40.10 -3.11 0.00 | 37.68 -1.90 0.00 |
| BETHLHEM_115KV_TB1 79974 | 34.36 0.39 1.10 | 30.99 0.28 0.01 | 30.40 0.39 0.00 | 29.26 0.40 0.00 | 29.19 0.37 0.00 | 30.14 0.44 2.08 | 23.05 0.48 17.66 | 25.92 0.64 20.59 | 44.20 0.39 0.00 | 39.09 0.23 0.00 | 38.88 0.19 0.00 | 39.20 0.43 0.00 | 41.40 0.12 0.00 | 43.65 0.13 0.00 | 47.25 0.28 0.00 | 55.40 0.33 0.00 | 74.62 1.03 0.00 | 61.56 2.63 38.56 | 72.72 2.67 36.74 | 73.63 1.28 13.29 | 68.33 0.47 0.00 | 49.34 0.25 0.00 | 43.38 0.17 0.00 | 39.73 0.16 0.00 |
| BETHPAGE_CC_5 323564 | 37.18 2.00 -0.11 | 31.98 1.38 0.13 | 31.22 1.32 0.11 | 30.14 1.36 0.08 | 29.96 1.24 0.09 | 33.22 1.40 -0.04 | 43.36 1.41 -1.73 | 46.93 1.42 0.36 | 45.51 1.71 0.01 | 40.85 2.25 0.26 | 41.13 2.44 0.00 | 41.92 3.14 -0.01 | 43.38 2.43 0.33 | 45.93 2.44 0.02 | 49.91 3.01 0.06 | 58.53 3.69 0.23 | 77.69 4.56 0.46 | 109.43 7.32 -4.63 | 119.48 7.79 -4.89 | 92.72 5.40 -1.68 | 70.85 3.26 0.25 | 51.19 2.16 0.06 | 44.50 1.30 0.01 | 41.36 1.78 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 33.22 -1.86 0.00 | 29.77 -0.95 0.00 | 28.87 -1.14 0.00 | 27.82 -1.04 0.00 | 27.84 -0.98 0.00 | 30.29 -1.49 0.00 | 37.37 -2.86 0.00 | 42.24 -3.62 0.00 | 40.39 -3.42 0.00 | 36.56 -2.29 0.00 | 36.56 -2.13 0.00 | 37.38 -1.40 0.00 | 39.25 -2.02 0.00 | 41.26 -2.26 0.00 | 44.57 -2.40 0.00 | 51.10 -3.96 0.00 | 61.33 -7.36 4.90 | 82.15 -8.38 6.96 | 97.78 -8.97 0.04 | 79.13 -6.51 0.00 | 61.68 -6.17 0.00 | 45.31 -3.78 0.00 | 40.10 -3.11 0.00 | 37.68 -1.90 0.00 |
| BINGHAMTON___COGEN 23790 | 34.87 -0.21 0.00 | 30.67 -0.06 0.00 | 29.95 -0.06 0.00 | 28.80 -0.06 0.00 | 28.79 -0.03 0.00 | 31.68 -0.10 0.00 | 39.94 -0.28 0.00 | 45.59 -0.28 0.00 | 43.50 -0.31 0.00 | 38.70 -0.16 0.00 | 38.61 -0.08 0.00 | 39.05 0.27 0.00 | 41.23 -0.04 0.00 | 43.52 0.00 0.00 | 47.01 0.05 0.00 | 54.95 -0.11 0.00 | 73.22 -0.37 0.00 | 96.98 0.39 0.90 | 107.32 0.53 0.01 | 85.98 0.34 0.00 | 67.44 -0.41 0.00 | 48.80 -0.29 0.00 | 42.91 -0.30 0.00 | 39.50 -0.08 0.00 |

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| BIXINCNT_115KV_LOAD 355685 | 32.69 -2.39 0.00 | 29.28 -1.44 0.00 | 28.42 -1.59 0.00 | 27.41 -1.44 0.00 | 27.41 -1.41 0.00 | 29.87 -1.91 0.00 | 36.93 -3.30 0.00 | 41.79 -4.08 0.00 | 39.95 -3.86 0.00 | 36.17 -2.68 0.00 | 36.29 -2.40 0.00 | 36.99 -1.78 0.00 | 38.76 -2.52 0.00 | 40.82 -2.70 0.00 | 44.19 -2.77 0.00 | 50.66 -4.41 0.00 | 61.06 -7.65 4.88 | 82.28 -8.29 6.92 | 97.99 -8.76 0.04 | 79.65 -5.99 0.00 | 61.95 -5.90 0.00 | 45.16 -3.93 0.00 | 39.88 -3.33 0.00 | 37.40 -2.18 0.00 |
| BLACK RIVER___HYD 24047 | 36.13 1.05 0.00 | 31.89 1.17 0.00 | 30.70 0.69 0.00 | 29.35 0.49 0.00 | 29.54 0.72 0.00 | 32.86 1.08 0.00 | 41.83 1.61 0.00 | 47.88 2.02 0.00 | 45.38 1.57 0.00 | 39.75 0.89 0.00 | 39.34 0.66 0.00 | 39.51 0.73 0.00 | 42.02 0.74 0.00 | 44.17 0.65 0.00 | 47.48 0.52 0.00 | 56.41 1.04 -0.30 | 76.38 1.91 -0.88 | 100.80 3.32 0.00 | 111.17 4.38 0.00 | 90.09 4.45 0.00 | 70.77 2.92 0.00 | 51.35 2.26 0.00 | 44.98 1.77 0.00 | 40.84 1.27 0.00 |
| BLACKRVR_115KV_TB2 79977 | 36.13 1.05 0.00 | 31.86 1.14 0.00 | 30.70 0.69 0.00 | 29.35 0.49 0.00 | 29.54 0.72 0.00 | 32.86 1.08 0.00 | 41.83 1.61 0.00 | 47.84 1.97 0.00 | 45.39 1.58 0.00 | 39.79 0.93 0.00 | 39.31 0.62 0.00 | 39.47 0.70 0.00 | 42.02 0.74 0.00 | 44.17 0.65 0.00 | 47.48 0.52 0.00 | 56.41 1.05 -0.30 | 76.38 1.91 -0.88 | 100.80 3.31 0.00 | 111.17 4.38 0.00 | 90.09 4.45 0.00 | 70.77 2.92 0.00 | 51.35 2.26 0.00 | 44.94 1.73 0.00 | 40.84 1.27 0.00 |
| BLDWN_LI_69_KV_BK4 356085 | 37.32 2.14 -0.11 | 32.17 1.44 0.00 | 31.36 1.35 0.00 | 30.27 1.41 0.00 | 30.11 1.30 0.00 | 33.48 1.49 -0.20 | 43.52 1.57 -1.73 | 48.15 1.70 -0.58 | 45.69 1.88 0.01 | 41.19 2.33 0.00 | 41.43 2.75 0.00 | 42.08 3.30 -0.01 | 43.84 2.56 0.00 | 46.13 2.61 0.00 | 50.11 3.15 0.00 | 58.92 3.85 0.00 | 78.29 4.71 0.01 | 110.21 7.21 -5.51 | 120.64 7.80 -6.06 | 93.22 5.40 -2.19 | 71.03 3.19 0.01 | 51.50 2.41 0.00 | 44.93 1.73 0.01 | 41.44 1.86 0.00 |
| BLISS_WT_PWR 323608 | 32.69 -2.39 0.00 | 29.34 -1.38 0.00 | 28.24 -1.77 0.00 | 27.30 -1.56 0.00 | 27.29 -1.53 0.00 | 29.74 -2.03 0.00 | 36.76 -3.46 0.00 | 41.92 -3.94 0.00 | 39.87 -3.94 0.00 | 36.06 -2.80 0.00 | 36.40 -2.28 0.00 | 36.91 -1.86 0.00 | 38.59 -2.68 0.00 | 40.65 -2.87 0.00 | 44.01 -2.96 0.00 | 50.55 -4.51 0.00 | 60.91 -7.80 4.88 | 81.98 -8.58 6.92 | 97.89 -8.86 0.04 | 79.56 -6.08 0.00 | 61.95 -5.90 0.00 | 45.07 -4.02 0.00 | 40.75 -2.46 0.00 | 37.32 -2.25 0.00 |
| BLUESTONE___WT_PWR 323821 | 37.04 1.96 0.00 | 32.69 1.97 0.00 | 31.78 1.77 0.00 | 30.41 1.56 0.00 | 30.66 1.85 0.00 | 34.13 2.35 0.00 | 43.28 3.06 0.00 | 49.76 3.90 0.00 | 47.14 3.33 0.00 | 41.30 2.45 0.00 | 40.81 2.13 0.00 | 41.33 2.56 0.00 | 43.75 2.48 0.00 | 46.04 2.52 0.00 | 49.59 2.63 0.00 | 58.92 3.85 -3.88 | 83.50 6.04 -4.90 | 113.11 10.72 -0.04 | 118.90 12.06 0.00 | 96.17 10.53 0.00 | 74.84 6.99 0.00 | 53.26 4.17 0.00 | 46.62 3.41 0.00 | 42.43 2.85 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 34.03 0.11 1.15 | 30.75 0.03 0.01 | 30.16 0.15 0.00 | 29.03 0.17 0.00 | 28.93 0.12 0.00 | 29.77 0.16 2.17 | 21.97 0.12 18.38 | 24.62 0.18 21.43 | 43.62 -0.18 0.01 | 38.47 -0.39 0.00 | 38.22 -0.46 0.00 | 38.54 -0.23 0.00 | 40.74 -0.54 0.00 | 43.00 -0.52 0.00 | 46.59 -0.38 0.00 | 54.73 -0.33 0.00 | 72.80 0.22 1.00 | 59.83 1.56 39.22 | 71.47 1.60 36.92 | 72.88 0.60 13.36 | 67.78 -0.07 0.00 | 48.99 -0.10 0.00 | 43.08 -0.13 0.00 | 39.46 -0.12 0.00 |
| BOC_GAS_DRP 24189 | 34.87 0.56 0.77 | 31.12 0.40 0.01 | 30.52 0.51 0.00 | 29.38 0.52 0.00 | 29.31 0.49 0.00 | 30.87 0.54 1.45 | 28.53 0.56 12.26 | 32.31 0.73 14.29 | 44.38 0.57 0.00 | 39.32 0.47 0.00 | 39.15 0.46 0.00 | 39.47 0.70 0.00 | 41.73 0.45 0.00 | 44.00 0.48 0.00 | 47.53 0.56 0.00 | 55.73 0.66 0.00 | 74.99 1.32 -0.08 | 73.81 2.83 26.50 | 84.45 2.78 25.12 | 78.18 1.63 9.09 | 68.67 0.81 0.00 | 49.58 0.49 0.00 | 43.60 0.39 0.00 | 39.97 0.40 0.00 |
| BOONVILLE_115KV_TB1 79983 | 35.85 0.77 0.00 | 31.53 0.80 0.00 | 30.52 0.51 0.00 | 29.23 0.38 0.00 | 29.34 0.52 0.00 | 32.51 0.73 0.00 | 41.23 1.01 0.00 | 47.11 1.24 0.00 | 44.86 1.05 0.00 | 39.55 0.70 0.00 | 39.23 0.54 0.00 | 39.43 0.66 0.00 | 41.90 0.62 0.00 | 44.13 0.61 0.00 | 47.57 0.61 0.00 | 56.17 0.94 -0.17 | 75.70 1.62 -0.49 | 100.02 2.53 0.00 | 109.78 2.99 0.00 | 88.47 2.83 0.00 | 69.62 1.76 0.00 | 50.42 1.33 0.00 | 44.25 1.04 0.00 | 40.37 0.79 0.00 |
| BORALEX_4TH_BRANCH 23824 | 38.07 1.89 -1.10 | 32.33 1.60 -0.01 | 31.51 1.50 0.00 | 30.39 1.53 0.00 | 30.35 1.53 0.00 | 35.63 1.78 -2.07 | 59.95 2.17 -17.56 | 68.91 2.57 -20.47 | 46.04 2.23 0.00 | 40.49 1.63 0.00 | 40.31 1.62 0.00 | 40.75 1.98 0.00 | 42.89 1.61 0.00 | 45.13 1.61 0.00 | 48.84 1.88 0.00 | 57.32 2.26 0.00 | 77.34 3.75 0.00 | 136.33 6.82 -32.01 | 141.36 7.16 -27.41 | 100.61 5.05 -9.92 | 70.91 3.05 0.00 | 51.15 2.06 0.00 | 44.98 1.77 0.00 | 41.20 1.62 0.00 |
| BOWLINE___1 23526 | 36.89 1.72 -0.10 | 31.96 1.23 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 30.03 1.21 0.00 | 33.33 1.37 -0.19 | 43.41 1.61 -1.57 | 49.67 1.97 -1.83 | 45.87 2.06 0.00 | 40.91 2.06 0.00 | 40.89 2.20 0.00 | 41.53 2.75 0.00 | 43.63 2.35 0.00 | 46.04 2.52 0.00 | 49.64 2.68 0.00 | 58.20 3.14 0.00 | 78.30 4.71 0.00 | 110.25 8.43 -5.06 | 120.81 9.43 -5.59 | 93.57 5.90 -2.02 | 71.38 3.53 0.00 | 51.30 2.21 0.00 | 44.89 1.68 0.00 | 41.32 1.74 0.00 |
| BOWLINE___2 23595 | 36.86 1.68 -0.10 | 31.92 1.20 0.00 | 31.21 1.20 0.00 | 30.10 1.24 0.00 | 30.03 1.21 0.00 | 33.33 1.37 -0.19 | 43.41 1.61 -1.57 | 49.67 1.97 -1.83 | 45.87 2.06 0.00 | 40.87 2.02 0.00 | 40.89 2.20 0.00 | 41.53 2.75 0.00 | 43.63 2.35 0.00 | 46.04 2.52 0.00 | 49.64 2.68 0.00 | 58.15 3.08 0.00 | 78.30 4.71 0.00 | 110.16 7.61 -5.06 | 120.81 8.43 -5.59 | 93.57 5.90 -2.02 | 71.38 3.53 0.00 | 51.30 2.21 0.00 | 44.85 1.64 0.00 | 41.32 1.74 0.00 |
| BRADY___115KV_TB2 356060 | 35.57 0.49 0.00 | 31.31 0.58 0.00 | 30.40 0.39 0.00 | 29.12 0.26 0.00 | 29.16 0.35 0.00 | 32.32 0.54 0.00 | 41.15 0.93 0.00 | 46.88 1.01 0.00 | 44.60 0.79 0.00 | 39.48 0.62 0.00 | 39.23 0.54 0.00 | 39.01 0.23 0.00 | 41.85 0.58 0.00 | 44.04 0.52 0.00 | 47.34 0.38 0.00 | 55.97 0.44 -0.46 | 75.32 0.37 -1.36 | 97.00 -0.49 0.00 | 106.79 0.00 0.00 | 86.58 0.94 0.00 | 69.34 1.49 0.00 | 50.37 1.28 0.00 | 44.46 1.25 0.00 | 40.41 0.83 0.00 |
| BRANSCOMB___SOLAR 323811 | 37.38 1.44 -0.87 | 31.96 1.23 -0.01 | 31.33 1.32 0.00 | 30.18 1.33 0.00 | 30.08 1.27 0.00 | 34.85 1.43 -1.64 | 55.86 1.77 -13.87 | 64.15 2.11 -16.18 | 45.38 1.57 0.00 | 39.86 1.01 0.00 | 39.46 0.77 0.00 | 39.86 1.08 0.00 | 42.10 0.83 0.00 | 44.44 0.92 0.00 | 48.23 1.27 0.00 | 56.77 1.71 0.00 | 76.68 3.09 0.00 | 128.78 5.55 -25.74 | 135.61 6.52 -22.30 | 98.07 4.37 -8.07 | 70.77 2.92 0.00 | 51.10 2.01 0.00 | 44.81 1.60 0.00 | 41.04 1.47 0.00 |
| BRDGHMPT_69_KV_BK1 55812 | 36.76 1.58 -0.11 | 26.46 1.04 5.31 | 26.46 0.96 4.51 | 26.83 1.07 3.10 | 26.03 0.89 3.69 | 26.66 1.11 6.23 | 42.72 0.76 -1.73 | 44.69 0.60 1.78 | 44.47 0.79 0.12 | 30.19 1.79 10.46 | 40.89 2.21 0.00 | 41.42 2.64 -0.01 | 30.79 1.73 12.22 | 44.35 1.65 0.83 | 46.79 2.21 2.38 | 49.55 2.92 8.43 | 60.07 3.39 16.90 | 76.28 5.85 27.05 | 75.81 6.30 37.28 | 73.11 4.20 16.72 | 60.84 2.24 9.25 | 48.16 1.18 2.10 | 43.59 0.43 0.05 | 40.73 1.27 0.12 |

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| BRENTWOD_69_KV_W. BRTWOOD 56703 | 37.39 2.21 -0.11 | 31.93 1.75 0.55 | 31.19 1.65 0.47 | 30.26 1.73 0.32 | 29.99 1.56 0.38 | 33.16 1.84 0.47 | 43.65 1.69 -1.73 | 46.24 1.33 0.96 | 45.67 1.88 0.02 | 40.60 2.84 1.09 | 41.63 2.94 0.00 | 42.16 3.37 -0.01 | 42.64 2.72 1.36 | 46.08 2.65 0.09 | 50.03 3.33 0.26 | 58.31 4.18 0.94 | 75.96 4.27 1.89 | 106.18 6.82 -1.87 | 115.38 7.37 -1.22 | 90.77 5.05 -0.08 | 70.27 3.46 1.04 | 51.31 2.45 0.23 | 44.67 1.47 0.01 | 41.78 2.22 0.01 |
| BRISTLHL_115KV_TB1 79998 | 34.48 -0.60 0.00 | 30.23 -0.49 0.00 | 29.47 -0.54 0.00 | 28.34 -0.52 0.00 | 28.33 -0.49 0.00 | 31.24 -0.54 0.00 | 39.58 -0.64 0.00 | 45.13 -0.73 0.00 | 43.15 -0.66 0.00 | 38.27 -0.58 0.00 | 38.14 -0.54 0.00 | 38.39 -0.39 0.00 | 40.74 -0.54 0.00 | 42.95 -0.57 0.00 | 46.40 -0.56 0.00 | 54.40 -0.66 0.00 | 72.70 -0.88 0.00 | 96.61 -0.88 0.00 | 105.94 -0.85 0.00 | 84.87 -0.77 0.00 | 66.90 -0.95 0.00 | 48.35 -0.74 0.00 | 42.47 -0.73 0.00 | 38.94 -0.63 0.00 |
| BROOKHAVEN___DRP 24191 | 36.62 1.44 -0.11 | 26.37 0.95 5.31 | 26.37 0.87 4.51 | 26.71 0.95 3.10 | 25.96 0.84 3.69 | 26.53 0.99 6.23 | 42.72 0.76 -1.73 | 44.68 0.60 1.78 | 44.47 0.79 0.12 | 30.21 1.83 10.47 | 40.74 2.05 0.00 | 41.27 2.48 -0.01 | 30.61 1.57 12.23 | 44.13 1.44 0.83 | 46.51 1.93 2.38 | 49.10 2.48 8.44 | 59.61 2.94 16.92 | 75.66 5.26 27.09 | 75.12 5.66 37.33 | 72.58 3.68 16.74 | 60.56 1.97 9.26 | 48.06 1.08 2.11 | 43.59 0.43 0.05 | 40.61 1.15 0.12 |
| BROOKLYN_NAVY_YARD 23515 | 37.43 2.25 -0.11 | 32.35 1.63 0.00 | 31.60 1.59 0.00 | 30.44 1.59 0.00 | 30.37 1.56 0.00 | 33.73 1.75 -0.20 | 43.93 1.97 -1.73 | 50.32 2.43 -2.02 | 46.44 2.63 0.00 | 41.50 2.64 0.00 | 41.47 2.79 0.00 | 42.19 3.41 0.00 | 44.29 3.01 0.00 | 46.70 3.18 0.00 | 50.35 3.38 0.00 | 58.92 3.85 0.00 | 79.33 5.74 0.00 | 111.96 8.96 -5.51 | 122.47 9.62 -6.06 | 94.60 6.76 -2.19 | 72.20 4.35 0.00 | 51.79 2.70 0.00 | 45.28 2.07 0.00 | 41.79 2.21 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 37.65 2.46 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.62 1.76 -0.01 | 30.56 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.36 2.48 -2.02 | 46.39 2.58 0.00 | 41.54 2.68 0.00 | 41.63 2.94 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.47 5.89 0.00 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.68 6.85 -2.19 | 72.19 4.34 0.00 | 51.89 2.80 0.00 | 45.80 2.59 0.00 | 42.00 2.41 -0.01 |
| BROOME_2_LFGE 323671 | 34.90 -0.17 0.00 | 30.70 -0.03 0.00 | 29.92 -0.09 0.00 | 28.80 -0.06 0.00 | 28.79 -0.03 0.00 | 31.68 -0.10 0.00 | 39.94 -0.28 0.00 | 45.64 -0.23 0.00 | 43.50 -0.30 0.00 | 38.70 -0.15 0.00 | 38.65 -0.04 0.00 | 39.05 0.27 0.00 | 41.23 -0.04 0.00 | 43.52 0.00 0.00 | 47.01 0.05 0.00 | 54.95 -0.11 0.00 | 73.22 -0.37 0.00 | 96.98 0.39 0.90 | 107.32 0.54 0.01 | 85.98 0.34 0.00 | 67.45 -0.40 0.00 | 48.80 -0.29 0.00 | 43.08 -0.13 0.00 | 39.50 -0.08 0.00 |
| BROOME___LFGE 323600 | 34.90 -0.17 0.00 | 30.70 -0.03 0.00 | 29.92 -0.09 0.00 | 28.80 -0.06 0.00 | 28.79 -0.03 0.00 | 31.68 -0.10 0.00 | 39.94 -0.28 0.00 | 45.64 -0.23 0.00 | 43.50 -0.30 0.00 | 38.70 -0.15 0.00 | 38.65 -0.04 0.00 | 39.05 0.27 0.00 | 41.23 -0.04 0.00 | 43.52 0.00 0.00 | 47.01 0.05 0.00 | 54.95 -0.11 0.00 | 73.22 -0.37 0.00 | 96.98 0.39 0.90 | 107.32 0.54 0.01 | 85.98 0.34 0.00 | 67.45 -0.40 0.00 | 48.80 -0.29 0.00 | 43.08 -0.13 0.00 | 39.50 -0.08 0.00 |
| BROWNFLS_115KV_TB 3_5 80003 | 35.67 0.60 0.00 | 31.43 0.71 0.00 | 30.34 0.33 0.00 | 29.03 0.17 0.00 | 29.13 0.32 0.00 | 32.35 0.57 0.00 | 41.19 0.97 0.00 | 47.01 1.15 0.00 | 44.68 0.88 0.00 | 39.40 0.54 0.00 | 39.07 0.39 0.00 | 39.08 0.31 0.00 | 41.73 0.45 0.00 | 43.87 0.35 0.00 | 47.06 0.09 0.00 | 56.06 0.22 -0.78 | 76.33 0.44 -2.31 | 97.68 0.19 0.00 | 107.43 0.64 0.00 | 87.01 1.37 0.00 | 69.14 1.29 0.00 | 50.37 1.28 0.00 | 44.38 1.17 0.00 | 40.33 0.75 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 37.71 2.53 -0.11 | 32.60 1.87 0.00 | 31.81 1.80 0.00 | 30.65 1.79 0.00 | 30.58 1.76 0.00 | 33.95 1.97 -0.20 | 44.29 2.33 -1.73 | 50.73 2.84 -2.02 | 46.79 2.98 0.00 | 41.77 2.91 0.00 | 41.86 3.17 0.00 | 42.54 3.76 0.00 | 44.66 3.38 0.00 | 47.09 3.57 0.00 | 50.72 3.76 0.00 | 59.41 4.35 0.00 | 79.99 6.40 0.00 | 112.84 9.85 -5.51 | 123.42 10.57 -6.06 | 95.37 7.54 -2.19 | 72.81 4.95 0.00 | 52.18 3.09 0.00 | 45.84 2.64 0.00 | 42.11 2.53 0.00 |
| BURROWS___LYONSDAL 23803 | 35.85 0.77 0.00 | 31.53 0.80 0.00 | 30.46 0.45 0.00 | 29.17 0.32 0.00 | 29.28 0.46 0.00 | 32.45 0.67 0.00 | 41.23 1.01 0.00 | 47.11 1.24 0.00 | 44.77 0.96 0.00 | 39.48 0.62 0.00 | 39.11 0.43 0.00 | 39.32 0.54 0.00 | 41.77 0.50 0.00 | 44.00 0.48 0.00 | 47.39 0.42 0.00 | 56.05 0.77 -0.22 | 75.63 1.40 -0.65 | 99.73 2.24 0.00 | 109.57 2.78 0.00 | 88.38 2.74 0.00 | 69.55 1.70 0.00 | 50.42 1.33 0.00 | 44.20 0.99 0.00 | 40.29 0.71 0.00 |
| CAITHNESS_CC_1 323624 | 36.62 1.44 -0.11 | 26.36 0.95 5.32 | 26.39 0.90 4.52 | 26.70 0.95 3.11 | 25.96 0.84 3.69 | 26.55 1.02 6.24 | 42.64 0.68 -1.73 | 44.59 0.51 1.78 | 44.51 0.83 0.12 | 30.20 1.83 10.48 | 40.43 1.74 0.00 | 41.34 2.56 -0.01 | 30.60 1.57 12.24 | 44.17 1.48 0.83 | 46.51 1.93 2.38 | 49.10 2.48 8.45 | 59.51 2.87 16.94 | 75.63 5.26 27.12 | 74.86 5.44 37.37 | 72.39 3.51 16.76 | 60.42 1.83 9.27 | 48.06 1.08 2.11 | 43.38 0.22 0.05 | 40.57 1.11 0.12 |
| CALPINE BETH_PAGE_GT4 24209 | 37.08 1.89 -0.11 | 32.05 1.32 0.00 | 31.27 1.26 0.00 | 30.18 1.33 0.00 | 30.00 1.18 0.00 | 33.25 1.27 -0.20 | 43.28 1.33 -1.73 | 47.14 1.38 0.10 | 45.38 1.58 0.01 | 40.99 2.14 0.00 | 41.24 2.55 0.00 | 41.89 3.10 -0.01 | 43.57 2.31 0.02 | 45.83 2.31 0.00 | 49.78 2.82 0.00 | 58.58 3.52 0.01 | 77.97 4.42 0.03 | 109.97 7.02 -5.46 | 120.37 7.58 -6.00 | 93.03 5.22 -2.16 | 70.89 3.05 0.02 | 51.10 2.01 0.00 | 44.58 1.38 0.01 | 41.16 1.58 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 37.08 1.89 -0.11 | 32.05 1.32 0.00 | 31.27 1.26 0.00 | 30.16 1.30 0.00 | 30.00 1.18 0.00 | 33.26 1.27 -0.20 | 43.24 1.29 -1.73 | 47.05 1.28 0.10 | 45.38 1.57 0.01 | 40.95 2.10 0.00 | 41.01 2.32 0.00 | 41.81 3.03 -0.01 | 43.57 2.31 0.02 | 45.82 2.31 0.00 | 49.78 2.82 0.00 | 58.52 3.47 0.01 | 77.90 4.34 0.03 | 110.06 7.11 -5.46 | 120.26 7.47 -6.00 | 92.94 5.14 -2.16 | 70.89 3.06 0.02 | 51.15 2.06 0.00 | 44.37 1.17 0.01 | 41.24 1.66 0.00 |
| CALPINE_BP_GT1 23823 | 37.08 1.89 -0.11 | 32.05 1.32 0.00 | 31.27 1.26 0.00 | 30.16 1.30 0.00 | 30.00 1.18 0.00 | 33.26 1.27 -0.20 | 43.24 1.29 -1.73 | 47.05 1.28 0.10 | 45.38 1.57 0.01 | 40.95 2.10 0.00 | 41.01 2.32 0.00 | 41.81 3.03 -0.01 | 43.57 2.31 0.02 | 45.82 2.31 0.00 | 49.78 2.82 0.00 | 58.52 3.47 0.01 | 77.90 4.34 0.03 | 110.06 7.11 -5.46 | 120.26 7.47 -6.00 | 92.94 5.14 -2.16 | 70.89 3.06 0.02 | 51.15 2.06 0.00 | 44.37 1.17 0.01 | 41.24 1.66 0.00 |
| CALSPAN___DRP 24200 | 33.22 -1.86 0.00 | 29.77 -0.95 0.00 | 28.90 -1.11 0.00 | 27.82 -1.04 0.00 | 27.87 -0.95 0.00 | 30.29 -1.49 0.00 | 37.37 -2.86 0.00 | 42.20 -3.67 0.00 | 40.39 -3.42 0.00 | 36.56 -2.29 0.00 | 36.52 -2.17 0.00 | 37.34 -1.43 0.00 | 39.21 -2.06 0.00 | 41.21 -2.31 0.00 | 44.52 -2.44 0.00 | 51.04 -4.02 0.00 | 61.18 -7.51 4.91 | 81.84 -8.68 6.97 | 97.46 -9.29 0.04 | 78.96 -6.68 0.00 | 61.54 -6.31 0.00 | 45.26 -3.83 0.00 | 40.10 -3.11 0.00 | 37.68 -1.90 0.00 |

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| CALVERTON___SOLAR 323806 | 36.62 1.44 -0.11 | 26.33 0.92 5.31 | 26.37 0.87 4.51 | 26.70 0.95 3.10 | 25.96 0.84 3.69 | 26.53 0.99 6.23 | 42.64 0.68 -1.73 | 44.59 0.51 1.78 | 44.47 0.79 0.12 | 30.17 1.79 10.47 | 40.43 1.74 0.00 | 41.30 2.52 -0.01 | 30.61 1.57 12.23 | 44.12 1.43 0.83 | 46.55 1.97 2.38 | 49.16 2.53 8.44 | 59.68 3.02 16.93 | 75.85 5.46 27.09 | 75.22 5.76 37.33 | 72.57 3.68 16.75 | 60.56 1.97 9.26 | 48.11 1.13 2.11 | 43.38 0.22 0.05 | 40.57 1.11 0.12 |
| CANDIGU_WT_PWR 323617 | 33.71 -1.37 0.00 | 29.93 -0.80 0.00 | 28.99 -1.02 0.00 | 27.90 -0.95 0.00 | 27.98 -0.84 0.00 | 30.64 -1.14 0.00 | 38.29 -1.93 0.00 | 43.71 -2.16 0.00 | 41.36 -2.45 0.00 | 36.95 -1.90 0.00 | 37.10 -1.59 0.00 | 37.69 -1.09 0.00 | 39.62 -1.65 0.00 | 41.82 -1.70 0.00 | 45.18 -1.78 0.00 | 52.48 -2.59 0.00 | 63.04 -4.49 6.06 | 84.28 -4.68 8.53 | 102.24 -4.48 0.07 | 82.30 -3.34 0.00 | 64.46 -3.39 0.00 | 46.88 -2.21 0.00 | 41.91 -1.30 0.00 | 38.35 -1.23 0.00 |
| CARR STREET_E_SYR 24060 | 34.66 -0.42 0.00 | 30.42 -0.31 0.00 | 29.62 -0.39 0.00 | 28.48 -0.38 0.00 | 28.47 -0.34 0.00 | 31.40 -0.38 0.00 | 39.78 -0.44 0.00 | 45.27 -0.60 0.00 | 43.28 -0.52 0.00 | 38.43 -0.43 0.00 | 38.30 -0.39 0.00 | 38.58 -0.19 0.00 | 40.90 -0.37 0.00 | 43.13 -0.39 0.00 | 46.64 -0.33 0.00 | 54.62 -0.44 0.00 | 73.00 -0.59 0.00 | 96.91 -0.58 0.00 | 106.26 -0.53 0.00 | 85.04 -0.60 0.00 | 66.97 -0.88 0.00 | 48.45 -0.64 0.00 | 42.65 -0.56 0.00 | 39.14 -0.43 0.00 |
| CARTHAGE___PAPER 23857 | 35.99 0.91 0.00 | 31.74 1.01 0.00 | 30.55 0.54 0.00 | 29.20 0.35 0.00 | 29.36 0.55 0.00 | 32.67 0.89 0.00 | 41.59 1.37 0.00 | 47.57 1.70 0.00 | 45.12 1.31 0.00 | 39.56 0.70 0.00 | 39.11 0.43 0.00 | 39.24 0.47 0.00 | 41.77 0.50 0.00 | 43.96 0.44 0.00 | 47.20 0.24 0.00 | 56.08 0.66 -0.35 | 76.02 1.39 -1.04 | 99.82 2.34 0.00 | 109.99 3.20 0.00 | 89.15 3.51 0.00 | 70.23 2.37 0.00 | 51.00 1.91 0.00 | 44.72 1.51 0.00 | 40.60 1.03 0.00 |
| CASSADAGA_WT_PWR 323784 | 32.73 -2.35 0.00 | 29.38 -1.35 0.00 | 28.27 -1.74 0.00 | 27.33 -1.53 0.00 | 27.44 -1.38 0.00 | 30.06 -1.72 0.00 | 37.37 -2.85 0.00 | 42.70 -3.16 0.00 | 40.65 -3.15 0.00 | 36.76 -2.10 0.00 | 36.91 -1.78 0.00 | 37.57 -1.20 0.00 | 39.25 -2.02 0.00 | 41.26 -2.26 0.00 | 44.52 -2.44 0.00 | 50.83 -4.24 0.00 | 61.28 -7.43 4.88 | 83.63 -6.92 6.94 | 100.13 -6.62 0.04 | 81.18 -4.46 0.00 | 62.63 -5.22 0.00 | 45.75 -3.34 0.00 | 41.31 -1.90 0.00 | 37.60 -1.98 0.00 |
| CE_DUNWOOD___DRP 24194 | 37.18 2.00 -0.11 | 32.17 1.44 0.00 | 31.42 1.41 0.00 | 30.30 1.44 0.00 | 30.23 1.41 0.00 | 33.57 1.59 -0.20 | 43.79 1.85 -1.72 | 50.12 2.25 -2.00 | 46.17 2.37 0.00 | 41.19 2.33 0.00 | 41.20 2.51 0.00 | 41.84 3.06 0.00 | 43.96 2.68 0.00 | 46.35 2.83 0.00 | 49.97 3.01 0.00 | 58.53 3.47 0.00 | 78.74 5.15 0.00 | 111.24 8.29 -5.47 | 121.78 8.97 -6.02 | 94.07 6.25 -2.18 | 71.72 3.87 0.00 | 51.54 2.45 0.00 | 45.24 2.03 0.00 | 41.55 1.98 0.00 |
| CE_MILLWOOD___DRP 24193 | 37.08 1.89 -0.11 | 32.11 1.38 0.00 | 31.36 1.35 0.00 | 30.24 1.39 0.00 | 30.17 1.35 0.00 | 33.51 1.53 -0.20 | 43.70 1.77 -1.70 | 50.01 2.16 -1.98 | 46.09 2.28 0.00 | 41.07 2.21 0.00 | 41.08 2.40 0.00 | 41.72 2.95 0.00 | 43.84 2.56 0.00 | 46.22 2.70 0.00 | 49.83 2.86 0.00 | 58.37 3.30 0.00 | 78.59 5.00 0.00 | 110.91 7.99 -5.43 | 121.41 8.65 -5.97 | 93.88 6.08 -2.16 | 71.58 3.73 0.00 | 51.45 2.36 0.00 | 45.15 1.94 0.00 | 41.48 1.90 0.00 |
| CE_NYC2_DRP 24202 | 37.61 2.42 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.53 1.70 -0.01 | 33.90 1.91 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.39 2.58 0.00 | 41.54 2.68 0.00 | 41.59 2.90 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.83 3.31 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.33 5.74 0.00 | 111.97 8.97 -5.51 | 122.36 9.50 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.74 2.65 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| CE_NYC_DRP 24195 | 37.50 2.31 -0.11 | 32.42 1.69 0.00 | 31.63 1.62 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.79 1.81 -0.20 | 44.01 2.05 -1.73 | 50.41 2.52 -2.02 | 46.48 2.67 0.00 | 41.54 2.68 0.00 | 41.59 2.90 0.00 | 42.26 3.49 0.00 | 44.37 3.10 0.00 | 46.78 3.26 0.00 | 50.39 3.43 0.00 | 59.03 3.96 0.00 | 79.40 5.81 0.00 | 112.06 9.07 -5.51 | 122.57 9.72 -6.06 | 94.68 6.85 -2.19 | 72.26 4.41 0.00 | 51.84 2.75 0.00 | 45.50 2.29 0.00 | 41.83 2.26 0.00 |
| CHAFFEE___LFGE 323603 | 33.43 -1.65 0.00 | 30.02 -0.71 0.00 | 28.87 -1.14 0.00 | 27.85 -1.01 0.00 | 27.89 -0.92 0.00 | 30.35 -1.43 0.00 | 37.49 -2.74 0.00 | 42.66 -3.21 0.00 | 40.70 -3.11 0.00 | 36.72 -2.14 0.00 | 36.87 -1.82 0.00 | 37.53 -1.24 0.00 | 39.38 -1.90 0.00 | 41.39 -2.13 0.00 | 44.71 -2.25 0.00 | 51.21 -3.86 0.00 | 61.49 -7.21 4.89 | 82.35 -8.19 6.95 | 97.89 -8.86 0.04 | 79.30 -6.34 0.00 | 61.75 -6.11 0.00 | 45.31 -3.78 0.00 | 41.22 -1.99 0.00 | 37.76 -1.82 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 34.65 -0.42 0.00 | 30.51 -0.22 0.00 | 29.65 -0.36 0.00 | 28.39 -0.46 0.00 | 28.36 -0.46 0.00 | 31.37 -0.41 0.00 | 40.02 -0.20 0.00 | 45.45 -0.41 0.00 | 43.37 -0.44 0.00 | 38.58 -0.27 0.00 | 38.49 -0.19 0.00 | 38.35 -0.43 0.00 | 40.82 -0.45 0.00 | 42.78 -0.74 0.00 | 45.55 -1.41 0.00 | 46.20 -1.93 6.93 | 50.35 -2.72 20.52 | 92.81 -4.68 0.00 | 102.31 -4.49 0.00 | 82.90 -2.74 0.00 | 66.77 -1.09 0.00 | 48.84 -0.25 0.00 | 43.90 0.69 0.00 | 39.97 0.40 0.00 |
| CHATEAUG_WT_PWR 323614 | 34.62 -0.46 0.00 | 30.45 -0.28 0.00 | 29.62 -0.39 0.00 | 28.37 -0.49 0.00 | 28.33 -0.49 0.00 | 31.33 -0.44 0.00 | 39.90 -0.32 0.00 | 45.32 -0.55 0.00 | 43.28 -0.52 0.00 | 38.54 -0.31 0.00 | 38.46 -0.23 0.00 | 38.35 -0.43 0.00 | 40.78 -0.49 0.00 | 42.74 -0.78 0.00 | 45.27 -1.69 0.00 | 46.42 -2.15 6.50 | 51.26 -3.09 19.23 | 92.32 -5.17 0.00 | 101.77 -5.02 0.00 | 82.30 -3.34 0.00 | 66.29 -1.56 0.00 | 48.30 -0.79 0.00 | 43.30 0.09 0.00 | 39.93 0.36 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 34.65 -0.42 0.00 | 30.51 -0.22 0.00 | 29.65 -0.36 0.00 | 28.39 -0.46 0.00 | 28.36 -0.46 0.00 | 31.37 -0.41 0.00 | 40.02 -0.20 0.00 | 45.45 -0.41 0.00 | 43.37 -0.44 0.00 | 38.58 -0.27 0.00 | 38.49 -0.19 0.00 | 38.35 -0.43 0.00 | 40.82 -0.45 0.00 | 42.78 -0.74 0.00 | 45.55 -1.41 0.00 | 46.20 -1.93 6.93 | 50.35 -2.72 20.52 | 92.81 -4.68 0.00 | 102.31 -4.49 0.00 | 82.90 -2.74 0.00 | 66.77 -1.09 0.00 | 48.84 -0.25 0.00 | 43.90 0.69 0.00 | 39.97 0.40 0.00 |
| CHAUTAUQUA___LFGE 323629 | 33.11 -1.96 0.00 | 29.74 -0.98 0.00 | 28.63 -1.38 0.00 | 27.65 -1.21 0.00 | 27.69 -1.12 0.00 | 30.25 -1.52 0.00 | 37.53 -2.69 0.00 | 42.84 -3.03 0.00 | 40.74 -3.07 0.00 | 36.79 -2.06 0.00 | 36.99 -1.70 0.00 | 37.61 -1.16 0.00 | 39.38 -1.90 0.00 | 41.39 -2.13 0.00 | 44.66 -2.30 0.00 | 51.10 -3.97 0.00 | 61.58 -7.14 4.88 | 82.95 -7.60 6.94 | 99.17 -7.58 0.04 | 80.41 -5.23 0.00 | 62.36 -5.49 0.00 | 45.61 -3.48 0.00 | 41.35 -1.86 0.00 | 37.76 -1.82 0.00 |
| CHERRYST_13_KV_LD 356241 | 37.60 2.42 -0.11 | 32.48 1.75 0.00 | 31.72 1.71 0.00 | 30.56 1.70 0.00 | 30.49 1.67 0.00 | 33.86 1.87 -0.20 | 44.13 2.17 -1.73 | 50.59 2.71 -2.02 | 46.66 2.85 0.00 | 41.69 2.84 0.00 | 41.74 3.06 0.00 | 42.42 3.64 0.00 | 44.54 3.26 0.00 | 47.00 3.48 0.00 | 50.63 3.66 0.00 | 59.25 4.18 0.00 | 79.77 6.18 0.00 | 112.45 9.46 -5.51 | 123.00 10.15 -6.06 | 95.03 7.19 -2.19 | 72.47 4.61 0.00 | 51.99 2.90 0.00 | 45.63 2.42 0.00 | 41.95 2.37 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|
| CHESTROR_138KV_BK263 355645 | 36.63 1.47 -0.09 | 31.77 1.04 0.00 | 31.03 1.02 0.00 | 29.95 1.10 0.00 | 29.88 1.07 0.00 | 33.12 1.18 -0.16 | 42.96 1.37 -1.37 | 49.26 1.79 -1.60 | 45.69 1.88 0.00 | 40.64 1.79 0.00 | 40.66 1.97 0.00 | 41.22 2.44 0.00 | 43.38 2.11 0.00 | 45.78 2.26 0.00 | 49.36 2.40 0.00 | 57.87 2.81 0.00 | 78.00 4.42 0.00 | 109.20 7.21 -4.50 | 119.80 8.01 -5.00 | 93.10 5.65 -1.81 | 71.24 3.39 0.00 | 51.20 2.11 0.00 | 44.89 1.69 0.00 | 41.24 1.66 0.00 |
| CH_MIDHUDSON___DRP 24192 | 37.02 1.86 -0.08 | 32.11 1.38 0.00 | 31.39 1.38 0.00 | 30.24 1.39 0.00 | 30.17 1.35 0.00 | 33.46 1.53 -0.16 | 43.35 1.77 -1.36 | 49.61 2.16 -1.59 | 45.95 2.15 0.00 | 40.84 1.98 0.00 | 40.81 2.13 0.00 | 41.37 2.60 0.00 | 43.55 2.27 0.00 | 45.96 2.44 0.00 | 49.55 2.58 0.00 | 58.09 3.03 0.00 | 78.30 4.71 0.00 | 109.86 7.70 -4.67 | 120.49 8.44 -5.26 | 93.45 5.91 -1.90 | 71.52 3.66 0.00 | 51.45 2.36 0.00 | 45.15 1.94 0.00 | 41.44 1.86 0.00 |
| CH_MISC_IPPS 23765 | 37.15 2.00 -0.08 | 32.23 1.51 0.00 | 31.48 1.47 0.00 | 30.36 1.50 0.00 | 30.29 1.47 0.00 | 33.58 1.65 -0.15 | 43.46 1.97 -1.27 | 49.68 2.34 -1.48 | 46.17 2.36 0.00 | 41.03 2.17 0.00 | 41.01 2.32 0.00 | 41.60 2.83 0.00 | 43.84 2.56 0.00 | 46.31 2.79 0.00 | 49.97 3.01 0.00 | 58.54 3.47 0.00 | 78.96 5.37 0.00 | 110.66 8.78 -4.40 | 121.26 9.50 -4.97 | 94.12 6.68 -1.80 | 72.06 4.21 0.00 | 51.84 2.75 0.00 | 45.33 2.12 0.00 | 41.71 2.14 0.00 |
| CH_RES_BVR_FALLS 23983 | 34.51 -0.56 0.00 | 30.20 -0.52 0.00 | 29.44 -0.57 0.00 | 28.25 -0.61 0.00 | 28.18 -0.63 0.00 | 31.11 -0.67 0.00 | 39.46 -0.77 0.00 | 45.04 -0.82 0.00 | 43.11 -0.70 0.00 | 38.27 -0.58 0.00 | 38.14 -0.54 0.00 | 38.08 -0.70 0.00 | 40.61 -0.66 0.00 | 42.82 -0.70 0.00 | 46.17 -0.80 0.00 | 54.18 -0.88 0.00 | 72.34 -1.25 0.00 | 95.43 -2.05 0.00 | 104.66 -2.13 0.00 | 84.18 -1.46 0.00 | 67.04 -0.81 0.00 | 48.60 -0.49 0.00 | 42.82 -0.39 0.00 | 39.22 -0.36 0.00 |
| CH_RES_NIAGARA 23895 | 32.48 -2.60 0.00 | 29.80 -0.92 0.00 | 28.36 -1.65 0.00 | 27.33 -1.53 0.00 | 27.35 -1.47 0.00 | 29.59 -2.19 0.00 | 36.36 -3.86 0.00 | 40.96 -4.91 0.00 | 39.25 -4.56 0.00 | 35.63 -3.22 0.00 | 35.51 -3.17 0.00 | 36.33 -2.44 0.00 | 38.18 -3.10 0.00 | 40.04 -3.48 0.00 | 43.25 -3.71 0.00 | 49.50 -5.56 0.00 | 58.79 -9.93 4.86 | 77.81 -12.77 6.91 | 93.30 -13.46 0.04 | 75.71 -9.93 0.00 | 59.23 -8.62 0.00 | 43.84 -5.25 0.00 | 38.93 -4.28 0.00 | 36.65 -2.93 0.00 |
| CH_RES_SYRACUSE 23985 | 34.83 -0.24 0.00 | 30.57 -0.15 0.00 | 29.80 -0.21 0.00 | 28.62 -0.23 0.00 | 28.62 -0.20 0.00 | 31.56 -0.22 0.00 | 39.98 -0.24 0.00 | 45.64 -0.23 0.00 | 43.63 -0.17 0.00 | 38.74 -0.12 0.00 | 38.61 -0.08 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.52 0.00 0.00 | 47.01 0.05 0.00 | 55.12 0.06 0.00 | 73.59 0.00 0.00 | 97.68 0.20 0.00 | 107.22 0.43 0.00 | 85.90 0.26 0.00 | 67.65 -0.20 0.00 | 48.89 -0.20 0.00 | 43.04 -0.17 0.00 | 39.38 -0.20 0.00 |
| CLINTON_WT_PWR 323605 | 34.62 -0.46 0.00 | 30.45 -0.28 0.00 | 29.62 -0.39 0.00 | 28.37 -0.49 0.00 | 28.33 -0.49 0.00 | 31.33 -0.44 0.00 | 39.90 -0.32 0.00 | 45.32 -0.55 0.00 | 43.28 -0.52 0.00 | 38.54 -0.31 0.00 | 38.46 -0.23 0.00 | 38.35 -0.43 0.00 | 40.78 -0.49 0.00 | 42.74 -0.78 0.00 | 45.27 -1.69 0.00 | 46.42 -2.15 6.50 | 51.26 -3.09 19.23 | 92.32 -5.17 0.00 | 101.77 -5.02 0.00 | 82.30 -3.34 0.00 | 66.29 -1.56 0.00 | 48.30 -0.79 0.00 | 43.30 0.09 0.00 | 39.93 0.36 0.00 |
| CLINTON___LFGE 323618 | 34.90 -0.17 0.00 | 30.76 0.03 0.00 | 29.86 -0.15 0.00 | 28.57 -0.29 0.00 | 28.56 -0.26 0.00 | 31.62 -0.16 0.00 | 40.43 0.20 0.00 | 45.91 0.05 0.00 | 43.81 0.00 0.00 | 39.05 0.20 0.00 | 38.92 0.23 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.09 -0.44 0.00 | 45.27 -1.69 0.00 | 45.99 -2.42 6.65 | 50.37 -3.53 19.68 | 91.64 -5.85 0.00 | 101.23 -5.56 0.00 | 82.12 -3.51 0.00 | 66.09 -1.76 0.00 | 48.40 -0.69 0.00 | 43.73 0.52 0.00 | 40.41 0.83 0.00 |
| COBBLENY_34_KV_TB1 80064 | 33.25 -1.82 0.00 | 29.80 -0.92 0.00 | 28.90 -1.11 0.00 | 27.85 -1.01 0.00 | 27.90 -0.92 0.00 | 30.32 -1.46 0.00 | 37.45 -2.78 0.00 | 42.34 -3.53 0.00 | 40.57 -3.24 0.00 | 36.68 -2.18 0.00 | 36.64 -2.05 0.00 | 37.50 -1.28 0.00 | 39.38 -1.90 0.00 | 41.39 -2.13 0.00 | 44.71 -2.25 0.00 | 51.16 -3.91 0.00 | 61.48 -7.21 4.89 | 82.35 -8.19 6.95 | 97.89 -8.86 0.04 | 79.30 -6.34 0.00 | 61.75 -6.11 0.00 | 45.36 -3.73 0.00 | 40.14 -3.07 0.00 | 37.72 -1.86 0.00 |
| COFFEEN___115KV_TB3 355620 | 36.27 1.19 0.00 | 32.02 1.29 0.00 | 30.85 0.84 0.00 | 29.46 0.61 0.00 | 29.68 0.86 0.00 | 33.02 1.24 0.00 | 42.07 1.85 0.00 | 48.12 2.25 0.00 | 45.56 1.75 0.00 | 39.94 1.09 0.00 | 39.42 0.74 0.00 | 39.63 0.85 0.00 | 42.14 0.87 0.00 | 44.30 0.78 0.00 | 47.62 0.66 0.00 | 56.62 1.27 -0.29 | 76.65 2.21 -0.86 | 101.29 3.80 0.00 | 111.81 5.02 0.00 | 90.78 5.14 0.00 | 71.24 3.39 0.00 | 51.69 2.60 0.00 | 45.20 1.99 0.00 | 41.04 1.46 0.00 |
| COLDSPRG_115KV_BK1 355956 | 33.08 -2.00 0.00 | 29.59 -1.14 0.00 | 28.69 -1.32 0.00 | 27.67 -1.18 0.00 | 27.75 -1.07 0.00 | 30.41 -1.37 0.00 | 37.81 -2.41 0.00 | 42.93 -2.94 0.00 | 41.05 -2.76 0.00 | 37.11 -1.75 0.00 | 37.10 -1.59 0.00 | 37.88 -0.89 0.00 | 39.71 -1.57 0.00 | 41.78 -1.74 0.00 | 45.09 -1.88 0.00 | 51.54 -3.52 4.89 | 62.37 -6.33 6.94 | 84.60 -5.95 0.04 | 100.77 -5.98 0.00 | 81.61 -4.03 0.00 | 63.03 -4.82 0.00 | 46.00 -3.09 0.00 | 40.57 -2.64 0.00 | 37.87 -1.70 0.00 |
| COLONIE_LFGE___ 323577 | 37.58 1.30 -1.20 | 31.81 1.07 -0.01 | 31.12 1.11 0.00 | 29.98 1.12 0.00 | 29.91 1.09 0.00 | 35.29 1.24 -2.27 | 61.01 1.53 -19.26 | 70.11 1.79 -22.45 | 45.30 1.49 0.00 | 39.90 1.05 0.00 | 39.69 1.00 0.00 | 40.09 1.32 0.00 | 42.31 1.03 0.00 | 44.56 1.04 0.00 | 48.28 1.31 0.00 | 56.66 1.60 0.00 | 76.45 2.87 0.00 | 138.80 5.16 -36.15 | 143.91 5.55 -31.56 | 100.82 3.76 -11.42 | 70.16 2.31 0.00 | 50.66 1.57 0.00 | 44.46 1.25 0.00 | 40.76 1.19 0.00 |
| COOPERNY_115KV_TB1 80082 | 36.23 1.16 0.00 | 31.56 0.83 0.00 | 30.85 0.84 0.00 | 29.75 0.89 0.00 | 29.71 0.89 0.00 | 32.73 0.95 0.00 | 41.31 1.09 0.00 | 47.34 1.47 0.00 | 45.39 1.58 0.00 | 40.37 1.52 0.00 | 40.35 1.66 0.00 | 40.91 2.13 0.00 | 43.05 1.77 0.00 | 45.44 1.91 0.00 | 48.98 2.02 0.00 | 57.43 2.37 0.00 | 77.27 3.68 0.00 | 106.12 6.14 -2.49 | 117.08 6.73 -3.56 | 91.64 4.71 -1.29 | 70.63 2.78 0.00 | 50.81 1.72 0.00 | 44.59 1.38 0.00 | 40.96 1.39 0.00 |
| COPENHAGEN_WT_PWR 323753 | 35.95 0.88 0.00 | 31.71 0.98 0.00 | 30.58 0.57 0.00 | 29.26 0.40 0.00 | 29.42 0.61 0.00 | 32.70 0.92 0.00 | 41.63 1.41 0.00 | 47.61 1.74 0.00 | 45.17 1.36 0.00 | 39.59 0.74 0.00 | 39.19 0.50 0.00 | 39.39 0.62 0.00 | 41.90 0.62 0.00 | 44.04 0.52 0.00 | 47.34 0.37 0.00 | 56.22 0.88 -0.27 | 75.94 1.55 -0.81 | 100.32 2.83 0.00 | 110.53 3.74 0.00 | 89.58 3.94 0.00 | 70.36 2.51 0.00 | 51.06 1.97 0.00 | 44.76 1.55 0.00 | 40.64 1.07 0.00 |
| CORNELL_____ 23752 | 35.32 0.25 0.00 | 31.06 0.34 0.00 | 30.28 0.27 0.00 | 29.09 0.23 0.00 | 29.13 0.32 0.00 | 32.13 0.35 0.00 | 40.63 0.40 0.00 | 46.42 0.55 0.00 | 44.29 0.48 0.00 | 39.21 0.35 0.00 | 39.00 0.31 0.00 | 39.36 0.58 0.00 | 41.65 0.37 0.00 | 43.96 0.44 0.00 | 47.53 0.56 0.00 | 55.78 0.72 0.00 | 87.65 1.03 -13.03 | 116.99 2.44 -17.07 | 110.04 3.10 -0.15 | 88.21 2.57 0.00 | 69.21 1.36 0.00 | 49.97 0.88 0.00 | 43.81 0.60 0.00 | 40.21 0.63 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|
| CORONA_69_KV_TB1 355595 | 37.36 2.17 -0.11 | 32.20 1.47 0.00 | 31.39 1.38 0.00 | 30.30 1.44 0.00 | 30.14 1.33 0.00 | 33.51 1.53 -0.20 | 43.61 1.65 -1.73 | 49.43 1.83 -1.73 | 45.82 2.02 0.01 | 41.23 2.37 0.00 | 41.47 2.79 0.00 | 42.13 3.33 -0.02 | 43.92 2.64 0.00 | 46.22 2.70 0.00 | 50.16 3.19 0.00 | 58.92 3.85 0.00 | 78.66 5.08 0.01 | 110.89 7.90 -5.51 | 121.50 8.65 -6.06 | 93.82 5.99 -2.19 | 71.51 3.66 0.01 | 51.54 2.45 0.00 | 45.02 1.81 0.01 | 41.48 1.90 0.00 |
| CORTLAND_115KV_TB3 80093 | 35.64 0.56 0.00 | 31.28 0.55 0.00 | 30.46 0.45 0.00 | 29.23 0.38 0.00 | 29.28 0.46 0.00 | 32.38 0.60 0.00 | 41.11 0.88 0.00 | 46.97 1.10 0.00 | 44.90 1.10 0.00 | 39.71 0.85 0.00 | 39.46 0.77 0.00 | 39.74 0.97 0.00 | 42.14 0.87 0.00 | 44.48 0.96 0.00 | 48.09 1.13 0.00 | 56.50 1.43 0.00 | 75.57 1.99 0.00 | 103.26 1.46 -4.31 | 108.75 1.92 -0.04 | 87.10 1.46 0.00 | 68.46 0.61 0.00 | 49.43 0.34 0.00 | 43.42 0.22 0.00 | 39.81 0.24 0.00 |
| COXSACKIE___GT 23611 | 35.38 1.54 1.23 | 31.91 1.20 0.01 | 31.21 1.20 0.00 | 30.07 1.21 0.00 | 30.00 1.18 0.00 | 30.97 1.53 2.33 | 22.47 2.01 19.77 | 25.06 2.25 23.05 | 44.97 1.18 0.02 | 39.32 0.47 0.00 | 38.96 0.27 0.00 | 39.24 0.47 0.00 | 41.53 0.25 0.00 | 43.91 0.39 0.00 | 47.76 0.80 0.00 | 56.22 1.16 0.00 | 75.49 3.46 1.56 | 62.81 7.11 41.79 | 76.08 8.43 39.15 | 77.13 5.65 14.17 | 71.18 3.32 0.00 | 51.30 2.21 0.00 | 44.94 1.73 0.00 | 41.12 1.54 0.00 |
| CPV_VALLEY___CC1 323721 | 36.34 1.19 -0.08 | 31.56 0.83 0.00 | 30.85 0.84 0.00 | 29.75 0.90 0.00 | 29.71 0.89 0.00 | 32.91 0.99 -0.14 | 42.53 1.09 -1.22 | 48.76 1.47 -1.42 | 45.47 1.66 0.00 | 40.49 1.63 0.00 | 40.47 1.78 0.00 | 41.06 2.29 0.00 | 43.18 1.90 0.00 | 45.57 2.05 0.00 | 49.17 2.21 0.00 | 57.65 2.59 0.00 | 77.56 3.97 0.00 | 108.16 6.63 -4.05 | 118.56 7.27 -4.50 | 92.32 5.05 -1.63 | 70.83 2.98 0.00 | 50.95 1.86 0.00 | 44.59 1.38 0.00 | 41.04 1.47 0.00 |
| CPV_VALLEY___CC2 323722 | 36.34 1.19 -0.08 | 31.56 0.83 0.00 | 30.85 0.84 0.00 | 29.75 0.90 0.00 | 29.71 0.89 0.00 | 32.91 0.99 -0.14 | 42.53 1.09 -1.22 | 48.76 1.47 -1.42 | 45.47 1.66 0.00 | 40.49 1.63 0.00 | 40.47 1.78 0.00 | 41.06 2.29 0.00 | 43.18 1.90 0.00 | 45.57 2.05 0.00 | 49.17 2.21 0.00 | 57.65 2.59 0.00 | 77.56 3.97 0.00 | 108.16 6.63 -4.05 | 118.56 7.27 -4.50 | 92.32 5.05 -1.63 | 70.83 2.98 0.00 | 50.95 1.86 0.00 | 44.59 1.38 0.00 | 41.04 1.47 0.00 |
| CRESCENT___HYD 24018 | 37.58 1.30 -1.20 | 31.81 1.07 -0.01 | 31.12 1.11 0.00 | 29.98 1.12 0.00 | 29.91 1.09 0.00 | 35.29 1.24 -2.27 | 61.01 1.53 -19.26 | 70.11 1.79 -22.45 | 45.30 1.49 0.00 | 39.90 1.05 0.00 | 39.69 1.00 0.00 | 40.09 1.32 0.00 | 42.31 1.03 0.00 | 44.56 1.04 0.00 | 48.28 1.31 0.00 | 56.66 1.60 0.00 | 76.45 2.87 0.00 | 138.80 5.16 -36.15 | 143.91 5.55 -31.56 | 100.82 3.76 -11.42 | 70.16 2.31 0.00 | 50.66 1.57 0.00 | 44.46 1.25 0.00 | 40.76 1.19 0.00 |
| CRICKET___VALLEY_CC1 323756 | 36.88 1.61 -0.19 | 31.93 1.20 0.00 | 31.18 1.17 0.00 | 30.04 1.18 0.00 | 30.00 1.18 0.00 | 33.50 1.37 -0.35 | 44.76 1.57 -2.97 | 51.17 1.84 -3.47 | 45.65 1.84 0.00 | 40.49 1.63 0.00 | 40.39 1.70 0.00 | 40.98 2.21 0.00 | 43.09 1.81 0.00 | 45.39 1.87 0.00 | 49.03 2.06 0.00 | 57.43 2.37 0.00 | 77.41 3.82 0.00 | 111.72 6.63 -7.60 | 121.59 7.05 -7.75 | 93.24 4.79 -2.80 | 70.64 2.78 0.00 | 50.91 1.82 0.00 | 44.59 1.38 0.00 | 41.00 1.42 0.00 |
| CRICKET___VALLEY_CC2 323757 | 36.88 1.61 -0.19 | 31.93 1.20 0.00 | 31.18 1.17 0.00 | 30.04 1.18 0.00 | 30.00 1.18 0.00 | 33.50 1.37 -0.35 | 44.76 1.57 -2.97 | 51.17 1.84 -3.47 | 45.65 1.84 0.00 | 40.49 1.63 0.00 | 40.39 1.70 0.00 | 40.98 2.21 0.00 | 43.09 1.81 0.00 | 45.39 1.87 0.00 | 49.03 2.06 0.00 | 57.43 2.37 0.00 | 77.41 3.82 0.00 | 111.72 6.63 -7.60 | 121.59 7.05 -7.75 | 93.24 4.79 -2.80 | 70.64 2.78 0.00 | 50.91 1.82 0.00 | 44.59 1.38 0.00 | 41.00 1.42 0.00 |
| CRICKET___VALLEY_CC3 323758 | 36.88 1.61 -0.19 | 31.93 1.20 0.00 | 31.18 1.17 0.00 | 30.04 1.18 0.00 | 30.00 1.18 0.00 | 33.50 1.37 -0.35 | 44.76 1.57 -2.97 | 51.17 1.84 -3.47 | 45.65 1.84 0.00 | 40.49 1.63 0.00 | 40.39 1.70 0.00 | 40.98 2.21 0.00 | 43.09 1.81 0.00 | 45.39 1.87 0.00 | 49.03 2.06 0.00 | 57.43 2.37 0.00 | 77.41 3.82 0.00 | 111.72 6.63 -7.60 | 121.59 7.05 -7.75 | 93.24 4.79 -2.80 | 70.64 2.78 0.00 | 50.91 1.82 0.00 | 44.59 1.38 0.00 | 41.00 1.42 0.00 |
| CRUCIBLE_METL_DRP 24180 | 34.83 -0.25 0.00 | 30.57 -0.15 0.00 | 29.77 -0.24 0.00 | 28.63 -0.23 0.00 | 28.62 -0.20 0.00 | 31.56 -0.22 0.00 | 39.98 -0.24 0.00 | 45.59 -0.28 0.00 | 43.63 -0.18 0.00 | 38.74 -0.12 0.00 | 38.57 -0.12 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.52 0.00 0.00 | 47.01 0.05 0.00 | 55.12 0.06 0.00 | 73.59 0.00 0.00 | 97.68 0.19 0.00 | 107.22 0.43 0.00 | 85.90 0.26 0.00 | 67.65 -0.20 0.00 | 48.89 -0.20 0.00 | 42.95 -0.26 0.00 | 39.38 -0.20 0.00 |
| DAHOWA___HYDRO 323763 | 37.40 1.51 -0.81 | 32.02 1.29 -0.01 | 31.39 1.38 0.00 | 30.24 1.39 0.00 | 30.14 1.33 0.00 | 34.81 1.49 -1.54 | 55.15 1.89 -13.04 | 63.32 2.25 -15.20 | 45.47 1.66 0.00 | 39.90 1.05 0.00 | 39.46 0.77 0.00 | 39.86 1.08 0.00 | 42.14 0.87 0.00 | 44.48 0.96 0.00 | 48.33 1.36 0.00 | 56.88 1.81 0.00 | 76.90 3.31 0.00 | 127.47 5.85 -24.13 | 134.60 6.94 -20.87 | 97.81 4.62 -7.55 | 70.97 3.12 0.00 | 51.20 2.11 0.00 | 44.94 1.73 0.00 | 41.12 1.54 0.00 |
| DANC___LFGE 323619 | 35.39 0.31 0.00 | 31.16 0.43 0.00 | 30.16 0.15 0.00 | 28.89 0.03 0.00 | 28.99 0.17 0.00 | 32.13 0.35 0.00 | 40.83 0.60 0.00 | 46.65 0.78 0.00 | 44.38 0.57 0.00 | 39.09 0.23 0.00 | 38.76 0.08 0.00 | 38.97 0.19 0.00 | 41.40 0.12 0.00 | 43.61 0.09 0.00 | 46.92 -0.05 0.00 | 55.47 0.22 -0.18 | 74.65 0.52 -0.54 | 98.75 1.26 0.00 | 108.61 1.81 0.00 | 87.61 1.97 0.00 | 69.00 1.15 0.00 | 50.02 0.93 0.00 | 43.90 0.69 0.00 | 39.97 0.40 0.00 |
| DANSKAMMER___1 23586 | 37.15 2.00 -0.08 | 32.23 1.51 0.00 | 31.48 1.47 0.00 | 30.36 1.50 0.00 | 30.29 1.47 0.00 | 33.58 1.65 -0.15 | 43.46 1.97 -1.27 | 49.68 2.34 -1.48 | 46.17 2.36 0.00 | 41.03 2.17 0.00 | 41.01 2.32 0.00 | 41.60 2.83 0.00 | 43.84 2.56 0.00 | 46.31 2.79 0.00 | 49.97 3.01 0.00 | 58.54 3.47 0.00 | 78.96 5.37 0.00 | 110.66 8.78 -4.40 | 121.26 9.50 -4.97 | 94.12 6.68 -1.80 | 72.06 4.21 0.00 | 51.84 2.75 0.00 | 45.33 2.12 0.00 | 41.71 2.14 0.00 |
| DANSKAMMER___2 23589 | 37.15 2.00 -0.08 | 32.23 1.51 0.00 | 31.48 1.47 0.00 | 30.36 1.50 0.00 | 30.29 1.47 0.00 | 33.58 1.65 -0.15 | 43.46 1.97 -1.27 | 49.68 2.34 -1.48 | 46.17 2.36 0.00 | 41.03 2.17 0.00 | 41.01 2.32 0.00 | 41.60 2.83 0.00 | 43.84 2.56 0.00 | 46.31 2.79 0.00 | 49.97 3.01 0.00 | 58.54 3.47 0.00 | 78.96 5.37 0.00 | 110.66 8.78 -4.40 | 121.26 9.50 -4.97 | 94.12 6.68 -1.80 | 72.06 4.21 0.00 | 51.84 2.75 0.00 | 45.33 2.12 0.00 | 41.71 2.14 0.00 |
| DANSKAMMER___3 23590 | 37.15 2.00 -0.08 | 32.23 1.51 0.00 | 31.48 1.47 0.00 | 30.36 1.50 0.00 | 30.29 1.47 0.00 | 33.58 1.65 -0.15 | 43.46 1.97 -1.27 | 49.68 2.34 -1.48 | 46.17 2.36 0.00 | 41.03 2.17 0.00 | 41.01 2.32 0.00 | 41.60 2.83 0.00 | 43.84 2.56 0.00 | 46.31 2.79 0.00 | 49.97 3.01 0.00 | 58.54 3.47 0.00 | 78.96 5.37 0.00 | 110.66 8.78 -4.40 | 121.26 9.50 -4.97 | 94.12 6.68 -1.80 | 72.06 4.21 0.00 | 51.84 2.75 0.00 | 45.33 2.12 0.00 | 41.71 2.14 0.00 |

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| DANSKAMMER___4 23591 | 37.15 2.00 -0.08 | 32.23 1.51 0.00 | 31.48 1.47 0.00 | 30.36 1.50 0.00 | 30.29 1.47 0.00 | 33.58 1.65 -0.15 | 43.46 1.97 -1.27 | 49.68 2.34 -1.48 | 46.17 2.36 0.00 | 41.03 2.17 0.00 | 41.01 2.32 0.00 | 41.60 2.83 0.00 | 43.84 2.56 0.00 | 46.31 2.79 0.00 | 49.97 3.01 0.00 | 58.54 3.47 0.00 | 78.96 5.37 0.00 | 110.66 8.78 -4.40 | 121.26 9.50 -4.97 | 94.12 6.68 -1.80 | 72.06 4.21 0.00 | 51.84 2.75 0.00 | 45.33 2.12 0.00 | 41.71 2.14 0.00 |
| DANSKAMMER___DIESEL 23592 | 37.15 2.00 -0.08 | 32.23 1.51 0.00 | 31.48 1.47 0.00 | 30.36 1.50 0.00 | 30.29 1.47 0.00 | 33.58 1.65 -0.15 | 43.46 1.97 -1.27 | 49.73 2.39 -1.48 | 46.17 2.37 0.00 | 41.03 2.18 0.00 | 41.05 2.36 0.00 | 41.64 2.87 0.00 | 43.84 2.56 0.00 | 46.31 2.79 0.00 | 49.92 2.96 0.00 | 58.53 3.47 0.00 | 78.96 5.37 0.00 | 110.66 8.77 -4.40 | 121.27 9.50 -4.97 | 94.12 6.68 -1.80 | 72.06 4.21 0.00 | 51.79 2.70 0.00 | 45.46 2.25 0.00 | 41.71 2.14 0.00 |
| DARBY___SOLAR 323810 | 37.38 1.44 -0.86 | 31.96 1.23 -0.01 | 31.30 1.29 0.00 | 30.16 1.30 0.00 | 30.08 1.27 0.00 | 34.81 1.40 -1.63 | 55.82 1.77 -13.83 | 64.11 2.11 -16.13 | 45.38 1.57 0.00 | 39.86 1.01 0.00 | 39.46 0.77 0.00 | 39.82 1.05 0.00 | 42.10 0.83 0.00 | 44.39 0.87 0.00 | 48.23 1.27 0.00 | 56.77 1.71 0.00 | 76.75 3.16 0.00 | 128.80 5.65 -25.66 | 135.54 6.52 -22.23 | 98.05 4.37 -8.04 | 70.70 2.85 0.00 | 51.06 1.97 0.00 | 44.81 1.60 0.00 | 41.00 1.42 0.00 |
| DASHVILLE___HYD 23610 | 36.85 2.00 0.22 | 32.08 1.35 0.00 | 31.36 1.35 0.00 | 30.24 1.39 0.00 | 30.17 1.35 0.00 | 33.01 1.65 0.42 | 38.63 1.97 3.56 | 44.06 2.34 4.15 | 45.91 2.10 0.01 | 40.68 1.83 0.00 | 40.70 2.01 0.00 | 41.26 2.48 0.00 | 43.42 2.15 0.00 | 45.83 2.31 0.00 | 49.45 2.49 0.00 | 58.04 2.97 0.00 | 78.43 5.22 0.38 | 99.67 8.48 6.30 | 110.79 9.29 5.29 | 90.32 6.59 1.91 | 71.52 3.66 0.00 | 51.45 2.36 0.00 | 45.20 1.99 0.00 | 41.52 1.94 0.00 |
| DELAWARE___LFGE 323621 | 35.92 0.84 0.00 | 31.43 0.71 0.00 | 30.82 0.81 0.00 | 29.64 0.78 0.00 | 29.62 0.81 0.00 | 32.67 0.89 0.00 | 41.19 0.97 0.00 | 47.11 1.24 0.00 | 44.95 1.14 0.00 | 39.87 1.01 0.00 | 39.69 1.01 0.00 | 40.13 1.36 0.00 | 42.39 1.11 0.00 | 44.70 1.18 0.00 | 48.23 1.27 0.00 | 56.66 1.60 0.00 | 77.09 2.50 -1.00 | 104.49 4.39 -2.61 | 113.57 4.70 -2.08 | 89.90 3.51 -0.75 | 69.89 2.04 0.00 | 50.42 1.33 0.00 | 44.29 1.08 0.00 | 40.60 1.03 0.00 |
| DERFIELD_115KV_TB7 355931 | 35.22 0.14 0.00 | 30.85 0.12 0.00 | 30.13 0.12 0.00 | 28.97 0.12 0.00 | 28.93 0.12 0.00 | 31.91 0.13 0.00 | 40.38 0.16 0.00 | 46.10 0.23 0.00 | 43.98 0.18 0.00 | 38.97 0.12 0.00 | 38.80 0.12 0.00 | 39.01 0.23 0.00 | 41.40 0.12 0.00 | 43.65 0.13 0.00 | 47.10 0.14 0.00 | 55.28 0.22 0.00 | 74.10 0.52 0.00 | 98.46 0.97 0.00 | 107.86 1.07 0.00 | 86.33 0.69 0.00 | 68.12 0.27 0.00 | 49.29 0.20 0.00 | 43.34 0.13 0.00 | 39.69 0.12 0.00 |
| DOGLEVILLE___HYD 23807 | 36.20 1.12 0.00 | 31.74 1.01 0.00 | 30.97 0.96 0.00 | 29.78 0.92 0.00 | 29.77 0.95 0.00 | 32.89 1.11 0.00 | 41.59 1.37 0.00 | 47.43 1.56 0.00 | 45.25 1.45 0.00 | 40.10 1.24 0.00 | 39.92 1.24 0.00 | 40.17 1.40 0.00 | 42.60 1.32 0.00 | 44.83 1.31 0.00 | 48.28 1.31 0.00 | 56.77 1.71 0.00 | 75.94 2.35 0.00 | 101.00 3.51 0.00 | 110.74 3.95 0.00 | 88.81 3.17 0.00 | 70.09 2.24 0.00 | 50.66 1.57 0.00 | 44.50 1.30 0.00 | 40.68 1.11 0.00 |
| DUNKIRK__115KV_TB_200 55889 | 33.04 -2.03 0.00 | 29.62 -1.11 0.00 | 28.69 -1.32 0.00 | 27.67 -1.18 0.00 | 27.75 -1.07 0.00 | 30.29 -1.49 0.00 | 37.53 -2.69 0.00 | 42.52 -3.35 0.00 | 40.61 -3.20 0.00 | 36.76 -2.10 0.00 | 36.75 -1.93 0.00 | 37.57 -1.20 0.00 | 39.38 -1.90 0.00 | 41.43 -2.09 0.00 | 44.71 -2.25 0.00 | 51.10 -3.96 0.00 | 61.57 -7.14 4.87 | 82.75 -7.80 6.94 | 99.06 -7.69 0.04 | 80.24 -5.40 0.00 | 62.22 -5.63 0.00 | 45.60 -3.49 0.00 | 40.31 -2.89 0.00 | 37.72 -1.86 0.00 |
| DUNKIRK___1 23563 | 33.04 -2.03 0.00 | 29.62 -1.11 0.00 | 28.69 -1.32 0.00 | 27.67 -1.18 0.00 | 27.75 -1.07 0.00 | 30.29 -1.49 0.00 | 37.53 -2.69 0.00 | 42.52 -3.35 0.00 | 40.61 -3.20 0.00 | 36.76 -2.10 0.00 | 36.75 -1.93 0.00 | 37.57 -1.20 0.00 | 39.38 -1.90 0.00 | 41.43 -2.09 0.00 | 44.71 -2.25 0.00 | 51.10 -3.96 0.00 | 61.57 -7.14 4.87 | 82.75 -7.80 6.94 | 99.06 -7.69 0.04 | 80.24 -5.40 0.00 | 62.22 -5.63 0.00 | 45.60 -3.49 0.00 | 40.31 -2.89 0.00 | 37.72 -1.86 0.00 |
| DUNKIRK___2 23564 | 33.04 -2.03 0.00 | 29.62 -1.11 0.00 | 28.69 -1.32 0.00 | 27.67 -1.18 0.00 | 27.75 -1.07 0.00 | 30.29 -1.49 0.00 | 37.53 -2.69 0.00 | 42.52 -3.35 0.00 | 40.61 -3.20 0.00 | 36.76 -2.10 0.00 | 36.75 -1.93 0.00 | 37.57 -1.20 0.00 | 39.38 -1.90 0.00 | 41.43 -2.09 0.00 | 44.71 -2.25 0.00 | 51.10 -3.96 0.00 | 61.57 -7.14 4.87 | 82.75 -7.80 6.94 | 99.06 -7.69 0.04 | 80.24 -5.40 0.00 | 62.22 -5.63 0.00 | 45.60 -3.49 0.00 | 40.31 -2.89 0.00 | 37.72 -1.86 0.00 |
| DUNKIRK___3 23565 | 33.04 -2.03 0.00 | 29.62 -1.11 0.00 | 28.72 -1.29 0.00 | 27.67 -1.18 0.00 | 27.75 -1.07 0.00 | 30.25 -1.53 0.00 | 37.45 -2.78 0.00 | 42.38 -3.49 0.00 | 40.48 -3.33 0.00 | 36.60 -2.25 0.00 | 36.60 -2.09 0.00 | 37.42 -1.36 0.00 | 39.25 -2.02 0.00 | 41.26 -2.26 0.00 | 44.57 -2.40 0.00 | 51.04 -4.02 0.00 | 61.44 -7.29 4.86 | 82.47 -8.09 6.93 | 98.42 -8.33 0.04 | 79.73 -5.91 0.00 | 61.95 -5.90 0.00 | 45.41 -3.68 0.00 | 40.14 -3.07 0.00 | 37.64 -1.94 0.00 |
| DUNKIRK___4 23566 | 33.04 -2.03 0.00 | 29.62 -1.11 0.00 | 28.72 -1.29 0.00 | 27.67 -1.18 0.00 | 27.75 -1.07 0.00 | 30.25 -1.53 0.00 | 37.45 -2.78 0.00 | 42.38 -3.49 0.00 | 40.48 -3.33 0.00 | 36.60 -2.25 0.00 | 36.60 -2.09 0.00 | 37.42 -1.36 0.00 | 39.25 -2.02 0.00 | 41.26 -2.26 0.00 | 44.57 -2.40 0.00 | 51.04 -4.02 0.00 | 61.44 -7.29 4.86 | 82.47 -8.09 6.93 | 98.42 -8.33 0.04 | 79.73 -5.91 0.00 | 61.95 -5.90 0.00 | 45.41 -3.68 0.00 | 40.14 -3.07 0.00 | 37.64 -1.94 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 37.25 2.07 -0.11 | 32.23 1.51 0.00 | 31.48 1.47 0.00 | 30.36 1.50 0.00 | 30.29 1.47 0.00 | 33.64 1.65 -0.20 | 43.89 1.93 -1.73 | 50.23 2.34 -2.02 | 46.26 2.45 0.00 | 41.26 2.41 0.00 | 41.32 2.63 0.00 | 41.95 3.18 0.00 | 44.08 2.81 0.00 | 46.48 2.96 0.00 | 50.06 3.10 0.00 | 58.70 3.63 0.00 | 78.96 5.37 0.00 | 111.48 8.48 -5.51 | 122.04 9.18 -6.06 | 94.26 6.42 -2.19 | 71.86 4.00 0.00 | 51.64 2.55 0.00 | 45.33 2.12 0.00 | 41.63 2.06 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 36.86 1.72 -0.07 | 31.99 1.26 0.00 | 31.24 1.23 0.00 | 30.13 1.27 0.00 | 30.06 1.24 0.00 | 33.31 1.40 -0.13 | 42.96 1.65 -1.09 | 49.20 2.06 -1.27 | 45.95 2.15 0.00 | 40.88 2.02 0.00 | 40.89 2.21 0.00 | 41.45 2.68 0.00 | 43.63 2.35 0.00 | 46.09 2.57 0.00 | 49.69 2.72 0.00 | 58.31 3.25 0.00 | 78.54 5.00 0.05 | 109.56 8.19 -3.89 | 120.31 9.08 -4.45 | 93.59 6.34 -1.61 | 71.79 3.94 0.00 | 51.54 2.45 0.00 | 45.24 2.03 0.00 | 41.52 1.94 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 37.68 2.49 -0.12 | 32.58 1.84 -0.01 | 31.79 1.77 -0.01 | 30.62 1.76 -0.01 | 30.58 1.76 -0.01 | 33.90 1.91 -0.21 | 44.13 2.17 -1.73 | 50.27 2.39 -2.02 | 46.22 2.41 0.00 | 41.38 2.53 0.00 | 41.43 2.75 0.00 | 42.19 3.41 0.00 | 44.33 3.05 0.00 | 46.74 3.22 0.00 | 50.20 3.24 0.00 | 58.81 3.74 0.00 | 79.25 5.67 0.00 | 111.77 8.77 -5.51 | 122.25 9.40 -6.06 | 94.34 6.51 -2.19 | 71.92 4.07 0.00 | 51.79 2.70 0.00 | 45.81 2.59 -0.01 | 42.16 2.57 -0.01 |

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| E179THST_13_KV_LOAD 356214 | 37.82 2.63 -0.12 | 32.70 1.97 -0.01 | 31.91 1.89 -0.01 | 30.74 1.88 -0.01 | 30.67 1.84 -0.01 | 34.03 2.03 -0.21 | 44.33 2.37 -1.73 | 50.50 2.61 -2.02 | 46.44 2.63 0.00 | 41.58 2.72 0.00 | 41.63 2.94 0.00 | 42.38 3.61 0.00 | 44.58 3.30 0.00 | 47.00 3.48 0.00 | 50.49 3.52 0.00 | 59.14 4.07 0.00 | 79.69 6.11 0.00 | 112.45 9.46 -5.51 | 122.89 10.04 -6.06 | 94.86 7.02 -2.19 | 72.33 4.48 0.00 | 52.04 2.95 0.00 | 46.03 2.81 -0.01 | 42.35 2.77 -0.01 |
| EAST HAMPTON___GT 23717 | 36.55 1.37 -0.11 | 26.28 0.86 5.31 | 26.31 0.81 4.51 | 26.68 0.92 3.10 | 25.88 0.75 3.69 | 26.51 0.95 6.23 | 42.32 0.36 -1.73 | 44.18 0.09 1.78 | 44.08 0.39 0.12 | 29.76 1.36 10.46 | 40.31 1.62 0.00 | 41.19 2.40 -0.01 | 30.46 1.40 12.22 | 43.95 1.26 0.83 | 46.47 1.88 2.38 | 49.17 2.53 8.43 | 59.33 2.65 16.90 | 75.60 5.16 27.05 | 74.85 5.34 37.28 | 72.26 3.34 16.72 | 60.09 1.49 9.25 | 47.72 0.74 2.10 | 42.81 -0.35 0.05 | 40.45 0.99 0.12 |
| EAST RIVER___6 23660 | 37.50 2.31 -0.11 | 32.39 1.66 0.00 | 31.63 1.62 0.00 | 30.47 1.61 0.00 | 30.43 1.61 0.00 | 33.79 1.81 -0.20 | 43.93 1.97 -1.73 | 50.32 2.43 -2.02 | 46.48 2.67 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.87 3.35 0.00 | 50.49 3.52 0.00 | 59.14 4.07 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.57 9.72 -6.06 | 94.69 6.85 -2.19 | 72.33 4.48 0.00 | 51.89 2.80 0.00 | 45.41 2.20 0.00 | 41.83 2.25 0.00 |
| EAST RIVER___7 23524 | 37.50 2.31 -0.11 | 32.39 1.66 0.00 | 31.63 1.62 0.00 | 30.47 1.61 0.00 | 30.43 1.61 0.00 | 33.79 1.81 -0.20 | 43.93 1.97 -1.73 | 50.32 2.43 -2.02 | 46.48 2.67 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.87 3.35 0.00 | 50.49 3.52 0.00 | 59.14 4.07 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.57 9.72 -6.06 | 94.69 6.85 -2.19 | 72.33 4.48 0.00 | 51.89 2.80 0.00 | 45.41 2.20 0.00 | 41.83 2.25 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 37.18 2.00 -0.11 | 32.17 1.44 0.00 | 31.42 1.41 0.00 | 30.30 1.44 0.00 | 30.23 1.41 0.00 | 33.57 1.59 -0.20 | 43.79 1.85 -1.72 | 50.12 2.25 -2.00 | 46.17 2.37 0.00 | 41.19 2.33 0.00 | 41.20 2.51 0.00 | 41.84 3.06 0.00 | 43.96 2.68 0.00 | 46.35 2.83 0.00 | 49.97 3.01 0.00 | 58.53 3.47 0.00 | 78.74 5.15 0.00 | 111.24 8.29 -5.47 | 121.78 8.97 -6.02 | 94.07 6.25 -2.18 | 71.72 3.87 0.00 | 51.54 2.45 0.00 | 45.24 2.03 0.00 | 41.55 1.98 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 36.52 1.33 -0.11 | 26.22 0.80 5.31 | 26.25 0.75 4.51 | 26.62 0.86 3.10 | 25.82 0.69 3.69 | 26.44 0.89 6.23 | 42.24 0.28 -1.73 | 44.09 0.00 1.78 | 43.95 0.26 0.12 | 29.64 1.24 10.46 | 40.19 1.51 0.00 | 41.11 2.33 -0.01 | 30.38 1.32 12.22 | 43.87 1.18 0.83 | 46.37 1.78 2.38 | 49.06 2.42 8.43 | 59.19 2.50 16.90 | 75.31 4.87 27.05 | 74.53 5.02 37.28 | 72.09 3.17 16.72 | 59.96 1.36 9.25 | 47.58 0.59 2.10 | 42.68 -0.47 0.05 | 40.37 0.91 0.12 |
| EAST_POINT___SOLAR 323840 | 37.28 1.82 -0.38 | 32.33 1.60 0.00 | 31.69 1.68 0.00 | 30.53 1.67 0.00 | 30.49 1.67 0.00 | 34.48 1.97 -0.73 | 48.98 2.61 -6.14 | 55.78 2.75 -7.16 | 44.73 0.92 0.00 | 38.43 -0.43 0.00 | 37.64 -1.04 0.00 | 38.31 -0.46 0.00 | 41.03 -0.25 0.00 | 43.52 0.00 0.00 | 47.76 0.80 0.00 | 57.10 2.04 0.00 | 77.85 4.27 0.00 | 116.04 7.51 -11.05 | 125.57 9.40 -9.37 | 95.72 6.68 -3.39 | 72.53 4.68 0.00 | 52.38 3.29 0.00 | 45.84 2.64 0.00 | 41.83 2.25 0.00 |
| EAST_PULASKI___ESR 323781 | 34.83 -0.24 0.00 | 30.60 -0.12 0.00 | 29.74 -0.27 0.00 | 28.57 -0.29 0.00 | 28.59 -0.23 0.00 | 31.59 -0.19 0.00 | 40.10 -0.12 0.00 | 45.78 -0.09 0.00 | 43.68 -0.13 0.00 | 38.59 -0.27 0.00 | 38.38 -0.31 0.00 | 38.62 -0.15 0.00 | 40.94 -0.33 0.00 | 43.17 -0.35 0.00 | 46.54 -0.42 0.00 | 54.68 -0.38 0.00 | 73.15 -0.44 0.00 | 97.39 -0.10 0.00 | 107.01 5.02 0.00 | 85.98 0.34 0.00 | 67.72 -0.14 0.00 | 49.04 -0.05 0.00 | 43.12 -0.09 0.00 | 39.38 -0.20 0.00 |
| EAST_RIVER___1 323558 | 37.50 2.31 -0.11 | 32.39 1.66 0.00 | 31.63 1.62 0.00 | 30.47 1.61 0.00 | 30.40 1.58 0.00 | 33.79 1.81 -0.20 | 44.01 2.05 -1.73 | 50.36 2.48 -2.02 | 46.48 2.67 0.00 | 41.53 2.68 0.00 | 41.51 2.82 0.00 | 42.22 3.45 0.00 | 44.37 3.10 0.00 | 46.79 3.27 0.00 | 50.39 3.43 0.00 | 59.03 3.97 0.00 | 79.40 5.81 0.00 | 112.06 9.07 -5.51 | 122.57 9.72 -6.06 | 94.69 6.85 -2.19 | 72.26 4.41 0.00 | 51.84 2.75 0.00 | 45.37 2.16 0.00 | 41.83 2.25 0.00 |
| EAST_RIVER___2 323559 | 37.50 2.31 -0.11 | 32.39 1.66 0.00 | 31.63 1.62 0.00 | 30.47 1.61 0.00 | 30.43 1.61 0.00 | 33.79 1.81 -0.20 | 43.93 1.97 -1.73 | 50.32 2.43 -2.02 | 46.48 2.67 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.87 3.35 0.00 | 50.49 3.52 0.00 | 59.14 4.07 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.57 9.72 -6.06 | 94.69 6.85 -2.19 | 72.33 4.48 0.00 | 51.89 2.80 0.00 | 45.41 2.20 0.00 | 41.83 2.25 0.00 |
| EAST___DELAWARE_HYD 23607 | 36.79 1.72 0.00 | 31.99 1.26 0.00 | 31.24 1.23 0.00 | 30.12 1.27 0.00 | 30.08 1.27 0.00 | 33.21 1.43 0.00 | 41.95 1.73 0.00 | 47.93 2.07 0.00 | 45.91 2.10 0.00 | 40.76 1.90 0.00 | 40.66 1.97 0.00 | 41.26 2.48 0.00 | 43.46 2.19 0.00 | 45.91 2.39 0.00 | 49.54 2.58 0.00 | 58.20 3.14 0.00 | 78.53 5.07 0.13 | 105.87 8.39 0.00 | 116.19 9.40 0.00 | 92.40 6.76 0.00 | 72.06 4.21 0.00 | 51.79 2.70 0.00 | 45.28 2.07 0.00 | 41.63 2.06 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 33.78 -1.30 0.00 | 29.96 -0.77 0.00 | 29.02 -0.99 0.00 | 27.93 -0.92 0.00 | 27.98 -0.84 0.00 | 30.76 -1.02 0.00 | 38.54 -1.69 0.00 | 44.08 -1.79 0.00 | 41.13 -2.67 0.00 | 36.68 -2.18 0.00 | 36.95 -1.74 0.00 | 37.61 -1.16 0.00 | 39.46 -1.82 0.00 | 41.61 -1.91 0.00 | 44.99 -1.97 0.00 | 52.86 -2.20 0.00 | 64.04 -3.90 5.64 | 85.45 -4.09 7.95 | 103.21 -3.52 0.06 | 83.15 -2.49 0.00 | 65.27 -2.58 0.00 | 47.52 -1.57 0.00 | 42.43 -0.78 0.00 | 38.82 -0.75 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 34.65 -0.42 0.00 | 30.42 -0.31 0.00 | 29.65 -0.36 0.00 | 28.48 -0.38 0.00 | 28.50 -0.32 0.00 | 31.40 -0.38 0.00 | 39.74 -0.48 0.00 | 45.32 -0.55 0.00 | 43.33 -0.48 0.00 | 38.47 -0.39 0.00 | 38.34 -0.35 0.00 | 38.66 -0.12 0.00 | 40.95 -0.33 0.00 | 43.22 -0.30 0.00 | 46.68 -0.28 0.00 | 54.68 -0.39 0.00 | 73.21 -0.59 -0.21 | 97.30 -0.49 -0.30 | 106.47 -0.32 0.00 | 85.30 -0.34 0.00 | 67.17 -0.68 0.00 | 48.60 -0.49 0.00 | 42.69 -0.52 0.00 | 39.14 -0.44 0.00 |
| ELEC_TRO_TEK 24086 | 37.15 1.96 -0.11 | 32.02 1.29 0.00 | 31.24 1.23 0.00 | 30.13 1.27 0.00 | 29.97 1.15 0.00 | 33.35 1.37 -0.20 | 43.40 1.45 -1.73 | 48.84 1.65 -1.32 | 45.60 1.80 0.01 | 41.03 2.18 0.00 | 41.28 2.59 0.00 | 41.89 3.10 -0.02 | 43.67 2.39 0.00 | 45.96 2.44 0.00 | 49.83 2.86 0.00 | 58.53 3.47 0.00 | 78.14 4.56 0.01 | 110.21 7.21 -5.51 | 120.75 7.90 -6.06 | 93.22 5.40 -2.19 | 71.04 3.19 0.01 | 51.15 2.06 0.00 | 44.76 1.56 0.01 | 41.24 1.66 0.00 |
| ELLENBURG_WT_PWR 323604 | 34.62 -0.46 0.00 | 30.45 -0.28 0.00 | 29.62 -0.39 0.00 | 28.37 -0.49 0.00 | 28.33 -0.49 0.00 | 31.33 -0.44 0.00 | 39.90 -0.32 0.00 | 45.32 -0.55 0.00 | 43.28 -0.52 0.00 | 38.54 -0.31 0.00 | 38.46 -0.23 0.00 | 38.35 -0.43 0.00 | 40.78 -0.49 0.00 | 42.74 -0.78 0.00 | 45.27 -1.69 0.00 | 46.42 -2.15 6.50 | 51.26 -3.09 19.23 | 92.32 -5.17 0.00 | 101.77 -5.02 0.00 | 82.30 -3.34 0.00 | 66.29 -1.56 0.00 | 48.30 -0.79 0.00 | 43.30 0.09 0.00 | 39.93 0.36 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 33.15 -1.93 0.00 | 29.74 -0.98 0.00 | 28.84 -1.17 0.00 | 27.76 -1.10 0.00 | 27.81 -1.01 0.00 | 30.19 -1.59 0.00 | 37.25 -2.98 0.00 | 42.01 -3.85 0.00 | 40.26 -3.55 0.00 | 36.45 -2.41 0.00 | 36.40 -2.28 0.00 | 37.22 -1.55 0.00 | 39.09 -2.19 0.00 | 41.08 -2.44 0.00 | 44.33 -2.63 0.00 | 50.82 -4.24 0.00 | 60.84 -7.87 4.87 | 81.20 -9.36 6.93 | 96.82 -9.93 0.04 | 78.45 -7.19 0.00 | 61.20 -6.65 0.00 | 45.02 -4.07 0.00 | 39.92 -3.28 0.00 | 37.52 -2.06 0.00 |
| EMPIRE_CC_1 323656 | 37.53 1.16 -1.30 | 31.66 0.92 -0.01 | 30.97 0.96 0.00 | 29.84 0.98 0.00 | 29.77 0.95 0.00 | 35.34 1.11 -2.45 | 62.28 1.29 -20.77 | 71.60 1.51 -24.22 | 45.12 1.31 0.00 | 39.83 0.97 0.00 | 39.61 0.93 0.00 | 40.05 1.28 0.00 | 42.23 0.95 0.00 | 44.48 0.96 0.00 | 48.14 1.17 0.00 | 56.44 1.38 0.00 | 76.09 2.50 0.00 | 135.64 4.68 -33.48 | 137.80 4.92 -26.09 | 98.33 3.25 -9.44 | 69.68 1.83 0.00 | 50.36 1.27 0.00 | 44.16 0.95 0.00 | 40.52 0.95 0.00 |
| EMPIRE_CC_2 323658 | 37.53 1.16 -1.30 | 31.66 0.92 -0.01 | 30.97 0.96 0.00 | 29.84 0.98 0.00 | 29.77 0.95 0.00 | 35.34 1.11 -2.45 | 62.28 1.29 -20.77 | 71.60 1.51 -24.22 | 45.12 1.31 0.00 | 39.83 0.97 0.00 | 39.61 0.93 0.00 | 40.05 1.28 0.00 | 42.23 0.95 0.00 | 44.48 0.96 0.00 | 48.14 1.17 0.00 | 56.44 1.38 0.00 | 76.09 2.50 0.00 | 135.64 4.68 -33.48 | 137.80 4.92 -26.09 | 98.33 3.25 -9.44 | 69.68 1.83 0.00 | 50.36 1.27 0.00 | 44.16 0.95 0.00 | 40.52 0.95 0.00 |
| ENORWICH_115KV_TB1 80156 | 36.97 1.89 0.00 | 32.69 1.97 0.00 | 31.72 1.71 0.00 | 30.33 1.47 0.00 | 30.58 1.76 0.00 | 34.07 2.29 0.00 | 43.24 3.02 0.00 | 49.63 3.76 0.00 | 47.01 3.20 0.00 | 41.15 2.29 0.00 | 40.54 1.86 0.00 | 41.10 2.33 0.00 | 43.55 2.27 0.00 | 45.87 2.35 0.00 | 49.45 2.49 0.00 | 58.75 3.69 0.00 | 85.54 5.89 -6.07 | 115.30 10.04 -7.78 | 118.39 11.53 -0.07 | 95.83 10.19 0.00 | 74.57 6.72 0.00 | 53.56 4.47 0.00 | 46.75 3.54 0.00 | 42.62 3.05 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 33.11 -1.96 0.00 | 29.62 -1.11 0.00 | 28.78 -1.23 0.00 | 27.70 -1.15 0.00 | 27.75 -1.07 0.00 | 30.22 -1.56 0.00 | 37.33 -2.90 0.00 | 42.20 -3.67 0.00 | 40.30 -3.50 0.00 | 36.49 -2.37 0.00 | 36.44 -2.24 0.00 | 37.30 -1.47 0.00 | 39.13 -2.15 0.00 | 41.17 -2.35 0.00 | 44.47 -2.49 0.00 | 51.04 -4.02 0.00 | 61.42 -7.29 4.88 | 82.76 -7.80 6.93 | 97.99 -8.76 0.04 | 79.30 -6.34 0.00 | 61.61 -6.24 0.00 | 45.21 -3.88 0.00 | 40.01 -3.20 0.00 | 37.60 -1.98 0.00 |
| ERIE_WT_PWR 323693 | 33.39 -1.68 0.00 | 29.99 -0.74 0.00 | 28.84 -1.17 0.00 | 27.82 -1.04 0.00 | 27.87 -0.95 0.00 | 30.29 -1.49 0.00 | 37.41 -2.82 0.00 | 42.52 -3.35 0.00 | 40.52 -3.29 0.00 | 36.60 -2.25 0.00 | 36.75 -1.93 0.00 | 37.42 -1.36 0.00 | 39.21 -2.06 0.00 | 41.21 -2.31 0.00 | 44.52 -2.44 0.00 | 51.05 -4.02 0.00 | 61.25 -7.43 4.91 | 81.94 -8.58 6.97 | 97.57 -9.18 0.04 | 79.05 -6.59 0.00 | 61.61 -6.24 0.00 | 45.26 -3.83 0.00 | 41.22 -1.99 0.00 | 37.72 -1.86 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 36.44 1.09 -0.27 | 31.71 0.98 0.00 | 31.06 1.05 0.00 | 29.87 1.01 0.00 | 29.86 1.04 0.00 | 33.57 1.27 -0.52 | 46.20 1.61 -4.36 | 52.84 1.88 -5.09 | 44.99 1.18 0.00 | 39.52 0.66 0.00 | 39.11 0.43 0.00 | 39.59 0.81 0.00 | 41.98 0.70 0.00 | 44.30 0.78 0.00 | 48.00 1.03 0.00 | 56.83 1.76 0.00 | 76.83 3.24 0.00 | 111.16 5.65 -8.02 | 120.21 6.51 -6.90 | 93.10 4.97 -2.50 | 70.97 3.12 0.00 | 51.25 2.16 0.00 | 44.89 1.69 0.00 | 41.04 1.46 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 35.29 0.21 0.00 | 31.00 0.28 0.00 | 30.25 0.24 0.00 | 29.06 0.20 0.00 | 29.08 0.26 0.00 | 32.07 0.29 0.00 | 40.59 0.36 0.00 | 46.37 0.50 0.00 | 44.20 0.39 0.00 | 39.17 0.31 0.00 | 38.96 0.27 0.00 | 39.32 0.54 0.00 | 41.61 0.33 0.00 | 43.91 0.39 0.00 | 47.48 0.52 0.00 | 55.73 0.66 0.00 | 85.17 0.96 -10.62 | 113.45 2.24 -13.72 | 109.79 2.88 -0.12 | 88.04 2.40 0.00 | 69.07 1.22 0.00 | 49.88 0.79 0.00 | 43.77 0.56 0.00 | 40.13 0.55 0.00 |
| ETNA_____115KV_TB2 80207 | 35.29 0.21 0.00 | 31.00 0.28 0.00 | 30.25 0.24 0.00 | 29.06 0.20 0.00 | 29.08 0.26 0.00 | 32.07 0.29 0.00 | 40.59 0.36 0.00 | 46.37 0.50 0.00 | 44.20 0.39 0.00 | 39.17 0.31 0.00 | 38.96 0.27 0.00 | 39.32 0.54 0.00 | 41.61 0.33 0.00 | 43.91 0.39 0.00 | 47.48 0.52 0.00 | 55.73 0.66 0.00 | 85.17 0.96 -10.62 | 113.45 2.24 -13.72 | 109.79 2.88 -0.12 | 88.04 2.40 0.00 | 69.07 1.22 0.00 | 49.88 0.79 0.00 | 43.77 0.56 0.00 | 40.13 0.55 0.00 |
| EUCLID___115KV_TB2 356179 | 34.51 -0.56 0.00 | 30.27 -0.46 0.00 | 29.50 -0.51 0.00 | 28.37 -0.49 0.00 | 28.36 -0.46 0.00 | 31.27 -0.51 0.00 | 39.62 -0.60 0.00 | 45.13 -0.73 0.00 | 43.15 -0.66 0.00 | 38.31 -0.54 0.00 | 38.14 -0.54 0.00 | 38.43 -0.35 0.00 | 40.74 -0.54 0.00 | 43.00 -0.52 0.00 | 46.40 -0.56 0.00 | 54.40 -0.66 0.00 | 72.70 -0.88 0.00 | 96.51 -0.97 0.00 | 105.83 -0.96 0.00 | 84.78 -0.86 0.00 | 66.77 -1.09 0.00 | 48.30 -0.79 0.00 | 42.43 -0.78 0.00 | 38.94 -0.63 0.00 |
| E_CANADA_CAP_HY 24051 | 36.76 1.33 -0.35 | 31.90 1.17 0.00 | 31.27 1.26 0.00 | 30.12 1.27 0.00 | 30.08 1.27 0.00 | 33.97 1.53 -0.67 | 47.85 1.97 -5.66 | 54.71 2.25 -6.60 | 44.77 0.96 0.00 | 38.93 0.08 0.00 | 38.38 -0.31 0.00 | 38.81 0.04 0.00 | 41.23 -0.04 0.00 | 43.61 0.09 0.00 | 47.57 0.61 0.00 | 56.60 1.54 0.00 | 76.97 3.39 0.00 | 113.76 6.05 -10.22 | 123.07 7.58 -8.70 | 94.10 5.31 -3.15 | 71.45 3.59 0.00 | 51.64 2.55 0.00 | 45.20 1.99 0.00 | 41.24 1.66 0.00 |
| E_CANADA_MHWK_HY 24050 | 36.20 1.12 0.00 | 31.74 1.01 0.00 | 30.97 0.96 0.00 | 29.78 0.92 0.00 | 29.77 0.95 0.00 | 32.89 1.11 0.00 | 41.59 1.37 0.00 | 47.47 1.60 0.00 | 45.25 1.44 0.00 | 40.10 1.24 0.00 | 39.92 1.24 0.00 | 40.17 1.39 0.00 | 42.60 1.32 0.00 | 44.83 1.30 0.00 | 48.28 1.31 0.00 | 56.77 1.71 0.00 | 75.94 2.35 0.00 | 100.99 3.50 0.00 | 110.74 3.95 0.00 | 88.81 3.17 0.00 | 70.09 2.24 0.00 | 50.66 1.57 0.00 | 44.50 1.30 0.00 | 40.68 1.11 0.00 |
| E_FISHKILL___LBMP 23776 | 36.94 1.75 -0.11 | 32.02 1.29 0.00 | 31.30 1.29 0.00 | 30.15 1.30 0.00 | 30.09 1.27 0.00 | 33.42 1.43 -0.22 | 43.70 1.65 -1.83 | 49.97 1.97 -2.13 | 45.87 2.06 0.00 | 40.80 1.94 0.00 | 40.81 2.13 0.00 | 41.37 2.60 0.00 | 43.51 2.23 0.00 | 45.87 2.35 0.00 | 49.45 2.49 0.00 | 57.98 2.92 0.00 | 77.93 4.34 0.00 | 110.49 7.21 -5.79 | 120.84 7.69 -6.36 | 93.25 5.31 -2.30 | 71.11 3.26 0.00 | 51.15 2.06 0.00 | 44.94 1.73 0.00 | 41.28 1.70 0.00 |
| FALCON___SEABRD_CC1 323796 | 34.83 -0.24 0.00 | 30.70 -0.03 0.00 | 29.80 -0.21 0.00 | 28.51 -0.34 0.00 | 28.50 -0.32 0.00 | 31.52 -0.26 0.00 | 40.26 0.04 0.00 | 45.73 -0.14 0.00 | 43.68 -0.13 0.00 | 38.93 0.08 0.00 | 38.88 0.19 0.00 | 38.77 0.00 0.00 | 41.11 -0.16 0.00 | 42.91 -0.61 0.00 | 44.80 -2.16 0.00 | 45.28 -3.20 6.59 | 49.23 -4.86 19.50 | 89.68 -7.80 0.00 | 99.10 -7.69 0.00 | 80.25 -5.39 0.00 | 64.73 -3.12 0.00 | 47.62 -1.47 0.00 | 43.43 0.22 0.00 | 40.37 0.79 0.00 |
| FALCON___SEABRD_CC2 323797 | 34.83 -0.24 0.00 | 30.70 -0.03 0.00 | 29.80 -0.21 0.00 | 28.51 -0.34 0.00 | 28.50 -0.32 0.00 | 31.52 -0.26 0.00 | 40.26 0.04 0.00 | 45.73 -0.14 0.00 | 43.68 -0.13 0.00 | 38.93 0.08 0.00 | 38.88 0.19 0.00 | 38.77 0.00 0.00 | 41.11 -0.16 0.00 | 42.91 -0.61 0.00 | 44.80 -2.16 0.00 | 45.28 -3.20 6.59 | 49.23 -4.86 19.50 | 89.68 -7.80 0.00 | 99.10 -7.69 0.00 | 80.25 -5.39 0.00 | 64.73 -3.12 0.00 | 47.62 -1.47 0.00 | 43.43 0.22 0.00 | 40.37 0.79 0.00 |

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| FAR ROCKAWAY___4 23548 | 37.60 2.42 -0.11 | 32.39 1.66 0.00 | 31.57 1.56 0.00 | 30.47 1.62 0.00 | 30.29 1.47 0.00 | 33.70 1.72 -0.20 | 43.85 1.89 -1.73 | 49.69 2.11 -1.71 | 46.08 2.28 0.01 | 41.50 2.64 0.00 | 41.82 3.13 0.00 | 42.47 3.68 -0.01 | 44.29 3.01 0.00 | 46.61 3.09 0.00 | 50.63 3.66 0.00 | 59.47 4.41 0.00 | 79.32 5.74 0.01 | 111.77 8.77 -5.51 | 122.46 9.61 -6.06 | 94.68 6.85 -2.19 | 72.12 4.27 0.01 | 51.94 2.85 0.00 | 45.36 2.16 0.01 | 41.75 2.18 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 37.50 2.31 -0.11 | 32.42 1.69 0.00 | 31.63 1.62 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.76 1.78 -0.20 | 44.01 2.05 -1.73 | 50.41 2.52 -2.02 | 46.48 2.67 0.00 | 41.54 2.68 0.00 | 41.59 2.90 0.00 | 42.23 3.45 0.00 | 44.37 3.10 0.00 | 46.78 3.26 0.00 | 50.39 3.43 0.00 | 59.03 3.96 0.00 | 79.40 5.81 0.00 | 112.06 9.07 -5.51 | 122.57 9.72 -6.06 | 94.68 6.85 -2.19 | 72.19 4.34 0.00 | 51.79 2.70 0.00 | 45.50 2.29 0.00 | 41.83 2.26 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 37.50 2.31 -0.11 | 32.42 1.69 0.00 | 31.63 1.62 0.00 | 30.50 1.64 0.00 | 30.43 1.61 0.00 | 33.79 1.81 -0.20 | 44.01 2.05 -1.73 | 50.41 2.52 -2.02 | 46.48 2.67 0.00 | 41.54 2.68 0.00 | 41.59 2.90 0.00 | 42.23 3.45 0.00 | 44.37 3.10 0.00 | 46.78 3.26 0.00 | 50.39 3.43 0.00 | 59.03 3.96 0.00 | 79.40 5.81 0.00 | 112.06 9.07 -5.51 | 122.57 9.72 -6.06 | 94.68 6.85 -2.19 | 72.26 4.41 0.00 | 51.84 2.75 0.00 | 45.54 2.33 0.00 | 41.83 2.26 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 37.46 2.28 -0.11 | 32.39 1.66 0.00 | 31.63 1.62 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.76 1.78 -0.20 | 44.01 2.05 -1.73 | 50.41 2.52 -2.02 | 46.48 2.67 0.00 | 41.50 2.64 0.00 | 41.55 2.86 0.00 | 42.23 3.45 0.00 | 44.33 3.05 0.00 | 46.74 3.22 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.40 5.81 0.00 | 111.96 8.97 -5.51 | 122.46 9.61 -6.06 | 94.60 6.77 -2.19 | 72.19 4.34 0.00 | 51.79 2.70 0.00 | 45.50 2.29 0.00 | 41.83 2.26 0.00 |
| FARRAGUT___LBMP 323566 | 37.46 2.28 -0.11 | 32.39 1.66 0.00 | 31.60 1.59 0.00 | 30.44 1.59 0.00 | 30.37 1.56 0.00 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.36 2.48 -2.02 | 46.44 2.63 0.00 | 41.46 2.60 0.00 | 41.51 2.82 0.00 | 42.19 3.41 0.00 | 44.29 3.01 0.00 | 46.70 3.18 0.00 | 50.30 3.33 0.00 | 58.92 3.85 0.00 | 79.33 5.74 0.00 | 111.87 8.87 -5.51 | 122.46 9.61 -6.06 | 94.51 6.68 -2.19 | 72.13 4.27 0.00 | 51.74 2.65 0.00 | 45.46 2.25 0.00 | 41.79 2.22 0.00 |
| FENNER___WINDPWR 24204 | 35.74 0.66 0.00 | 31.40 0.68 0.00 | 30.55 0.54 0.00 | 29.32 0.46 0.00 | 29.39 0.58 0.00 | 32.51 0.73 0.00 | 41.23 1.01 0.00 | 47.11 1.24 0.00 | 44.95 1.14 0.00 | 39.71 0.85 0.00 | 39.46 0.77 0.00 | 39.70 0.93 0.00 | 42.14 0.87 0.00 | 44.44 0.92 0.00 | 48.00 1.03 0.00 | 56.38 1.32 0.00 | 75.57 1.99 0.00 | 102.25 2.34 -2.43 | 109.48 2.67 -0.02 | 87.95 2.31 0.00 | 69.14 1.29 0.00 | 50.02 0.93 0.00 | 43.94 0.73 0.00 | 40.17 0.59 0.00 |
| FIBERTEK___ENERGY 23856 | 34.83 -0.25 0.00 | 30.57 -0.15 0.00 | 29.77 -0.24 0.00 | 28.63 -0.23 0.00 | 28.62 -0.20 0.00 | 31.56 -0.22 0.00 | 39.98 -0.24 0.00 | 45.59 -0.28 0.00 | 43.63 -0.18 0.00 | 38.74 -0.12 0.00 | 38.57 -0.12 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.52 0.00 0.00 | 47.01 0.05 0.00 | 55.12 0.06 0.00 | 73.59 0.00 0.00 | 97.68 0.19 0.00 | 107.22 0.43 0.00 | 85.90 0.26 0.00 | 67.65 -0.20 0.00 | 48.89 -0.20 0.00 | 42.95 -0.26 0.00 | 39.38 -0.20 0.00 |
| FITZPATRICK___ 23598 | 34.09 -0.98 0.00 | 29.90 -0.83 0.00 | 29.11 -0.90 0.00 | 27.99 -0.86 0.00 | 27.98 -0.84 0.00 | 30.83 -0.95 0.00 | 39.10 -1.13 0.00 | 44.49 -1.37 0.00 | 42.54 -1.27 0.00 | 37.73 -1.13 0.00 | 37.60 -1.08 0.00 | 37.84 -0.93 0.00 | 40.12 -1.16 0.00 | 42.30 -1.22 0.00 | 45.70 -1.27 0.00 | 53.58 -1.48 0.00 | 71.53 -2.06 0.00 | 95.05 -2.43 0.00 | 104.13 -2.67 0.00 | 83.41 -2.23 0.00 | 65.82 -2.03 0.00 | 47.66 -1.43 0.00 | 41.95 -1.25 0.00 | 38.43 -1.15 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 37.23 2.07 -0.08 | 32.29 1.57 0.00 | 31.54 1.53 0.00 | 30.41 1.56 0.00 | 30.35 1.53 0.00 | 33.65 1.72 -0.16 | 43.62 2.05 -1.34 | 49.91 2.48 -1.57 | 46.26 2.45 0.00 | 41.07 2.21 0.00 | 41.08 2.40 0.00 | 41.68 2.91 0.00 | 43.88 2.60 0.00 | 46.35 2.83 0.00 | 50.02 3.05 0.00 | 58.64 3.58 0.00 | 79.11 5.52 0.00 | 111.05 8.97 -4.59 | 121.68 9.72 -5.17 | 94.36 6.85 -1.87 | 72.19 4.34 0.00 | 51.89 2.80 0.00 | 45.50 2.29 0.00 | 41.79 2.22 0.00 |
| FORT ORANGE___ 23900 | 33.52 0.60 2.15 | 31.17 0.46 0.02 | 30.55 0.54 0.00 | 29.43 0.58 0.00 | 29.36 0.55 0.00 | 28.34 0.64 4.07 | 6.50 0.76 34.48 | 6.58 0.92 40.21 | 44.37 0.57 0.00 | 39.16 0.31 0.00 | 38.92 0.23 0.00 | 39.28 0.50 0.00 | 41.48 0.21 0.00 | 43.74 0.22 0.00 | 47.39 0.42 0.00 | 55.56 0.49 0.00 | 74.74 1.39 0.25 | 27.85 3.41 73.05 | 41.92 3.63 68.50 | 62.91 2.05 24.79 | 68.87 1.02 0.00 | 49.73 0.64 0.00 | 43.60 0.39 0.00 | 39.97 0.40 0.00 |
| FORT_DRUM_COGEN 23780 | 36.09 1.02 0.00 | 31.83 1.11 0.00 | 30.67 0.66 0.00 | 29.32 0.46 0.00 | 29.51 0.69 0.00 | 32.83 1.05 0.00 | 41.79 1.57 0.00 | 47.79 1.93 0.00 | 45.34 1.53 0.00 | 39.79 0.93 0.00 | 39.31 0.62 0.00 | 39.47 0.70 0.00 | 41.98 0.70 0.00 | 44.17 0.65 0.00 | 47.43 0.47 0.00 | 56.36 0.99 -0.31 | 76.27 1.77 -0.91 | 100.61 3.12 0.00 | 110.96 4.16 0.00 | 89.92 4.28 0.00 | 70.70 2.85 0.00 | 51.30 2.21 0.00 | 44.89 1.69 0.00 | 40.80 1.23 0.00 |
| FOX_HILLS___ESR 323835 | 37.58 2.39 -0.12 | 32.49 1.75 -0.01 | 31.70 1.68 -0.01 | 30.54 1.67 -0.01 | 30.50 1.67 -0.01 | 33.87 1.87 -0.21 | 43.89 1.93 -1.73 | 50.18 2.29 -2.02 | 46.17 2.37 0.00 | 41.34 2.49 0.00 | 41.43 2.75 0.00 | 42.19 3.41 0.00 | 44.33 3.05 0.00 | 46.78 3.26 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.25 9.40 -6.06 | 94.34 6.51 -2.19 | 71.99 4.14 0.00 | 51.69 2.60 0.00 | 45.63 2.42 0.00 | 41.84 2.26 -0.01 |
| FPL_FAR_ROCK_GT1 24212 | 37.60 2.42 -0.11 | 32.39 1.66 0.00 | 31.57 1.56 0.00 | 30.47 1.61 0.00 | 30.29 1.47 0.00 | 33.70 1.71 -0.20 | 43.77 1.81 -1.73 | 49.65 2.07 -1.71 | 46.08 2.28 0.01 | 41.46 2.60 0.00 | 41.63 2.94 0.00 | 42.40 3.61 -0.01 | 44.29 3.01 0.00 | 46.61 3.09 0.00 | 50.63 3.67 0.00 | 59.47 4.41 0.00 | 79.25 5.67 0.01 | 111.86 8.87 -5.51 | 122.35 9.50 -6.06 | 94.59 6.76 -2.19 | 72.12 4.28 0.01 | 51.99 2.90 0.00 | 45.19 1.99 0.01 | 41.83 2.25 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 37.60 2.42 -0.11 | 32.39 1.66 0.00 | 31.57 1.56 0.00 | 30.47 1.61 0.00 | 30.29 1.47 0.00 | 33.70 1.71 -0.20 | 43.77 1.81 -1.73 | 49.65 2.07 -1.71 | 46.08 2.28 0.01 | 41.46 2.60 0.00 | 41.63 2.94 0.00 | 42.40 3.61 -0.01 | 44.29 3.01 0.00 | 46.61 3.09 0.00 | 50.63 3.67 0.00 | 59.47 4.41 0.00 | 79.25 5.67 0.01 | 111.86 8.87 -5.51 | 122.35 9.50 -6.06 | 94.59 6.76 -2.19 | 72.12 4.28 0.01 | 51.99 2.90 0.00 | 45.19 1.99 0.01 | 41.83 2.25 0.00 |
| FRANKLIN_FALL_HYD 24054 | 35.18 0.11 0.00 | 31.00 0.28 0.00 | 30.07 0.06 0.00 | 28.77 -0.09 0.00 | 28.79 -0.03 0.00 | 31.91 0.13 0.00 | 40.83 0.60 0.00 | 46.37 0.50 0.00 | 44.25 0.44 0.00 | 39.36 0.51 0.00 | 39.23 0.54 0.00 | 39.16 0.39 0.00 | 41.73 0.45 0.00 | 43.69 0.17 0.00 | 46.59 -0.38 0.00 | 58.60 -0.66 -4.20 | 84.98 -1.03 -12.43 | 95.05 -2.44 0.00 | 104.76 -2.03 0.00 | 84.95 -0.69 0.00 | 68.26 0.41 0.00 | 49.83 0.74 0.00 | 44.55 1.34 0.00 | 40.45 0.87 0.00 |

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| FREEPORT_EQUS_GT1 23764 | 37.32 2.14 -0.11 | 32.17 1.44 0.00 | 31.39 1.38 0.00 | 30.30 1.44 0.00 | 30.12 1.30 0.00 | 33.48 1.49 -0.20 | 43.52 1.57 -1.73 | 47.94 1.65 -0.42 | 45.73 1.93 0.01 | 41.19 2.33 0.00 | 41.28 2.59 0.00 | 42.04 3.26 -0.01 | 43.92 2.64 0.00 | 46.18 2.66 0.00 | 50.16 3.20 0.00 | 58.97 3.91 0.00 | 78.29 4.71 0.01 | 110.31 7.32 -5.50 | 120.54 7.69 -6.06 | 93.14 5.31 -2.19 | 71.04 3.19 0.01 | 51.54 2.45 0.00 | 44.76 1.55 0.01 | 41.51 1.94 0.00 |
| FREEPORT___CT2 23818 | 37.32 2.14 -0.11 | 32.17 1.44 0.00 | 31.39 1.38 0.00 | 30.30 1.44 0.00 | 30.12 1.30 0.00 | 33.48 1.49 -0.20 | 43.52 1.57 -1.73 | 47.94 1.65 -0.42 | 45.73 1.93 0.01 | 41.19 2.33 0.00 | 41.28 2.59 0.00 | 42.04 3.26 -0.01 | 43.92 2.64 0.00 | 46.18 2.66 0.00 | 50.16 3.20 0.00 | 58.97 3.91 0.00 | 78.29 4.71 0.01 | 110.31 7.32 -5.50 | 120.54 7.69 -6.06 | 93.14 5.31 -2.19 | 71.04 3.19 0.01 | 51.54 2.45 0.00 | 44.76 1.55 0.01 | 41.51 1.94 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 37.58 2.39 -0.12 | 32.49 1.75 -0.01 | 31.70 1.68 -0.01 | 30.57 1.70 -0.01 | 30.50 1.67 -0.01 | 33.87 1.87 -0.21 | 43.75 1.81 -1.72 | 50.03 2.16 -2.01 | 46.07 2.28 0.02 | 41.21 2.37 0.02 | 41.30 2.63 0.02 | 42.05 3.30 0.02 | 44.19 2.93 0.02 | 46.65 3.13 0.01 | 50.15 3.19 0.01 | 58.75 3.69 0.01 | 79.10 5.52 0.01 | 111.66 8.68 -5.50 | 122.13 9.29 -6.05 | 94.25 6.42 -2.18 | 71.92 4.07 0.01 | 51.59 2.50 0.01 | 45.57 2.38 0.02 | 41.70 2.14 0.01 |
| FULTON COGEN____ 23766 | 34.48 -0.60 0.00 | 30.23 -0.49 0.00 | 29.47 -0.54 0.00 | 28.34 -0.52 0.00 | 28.33 -0.49 0.00 | 31.24 -0.54 0.00 | 39.58 -0.64 0.00 | 45.13 -0.73 0.00 | 43.15 -0.66 0.00 | 38.27 -0.58 0.00 | 38.14 -0.54 0.00 | 38.39 -0.39 0.00 | 40.74 -0.54 0.00 | 42.95 -0.57 0.00 | 46.40 -0.56 0.00 | 54.40 -0.66 0.00 | 72.70 -0.88 0.00 | 96.61 -0.88 0.00 | 105.94 -0.85 0.00 | 84.87 -0.77 0.00 | 66.90 -0.95 0.00 | 48.35 -0.74 0.00 | 42.47 -0.73 0.00 | 38.94 -0.63 0.00 |
| FULTON___LFGE 323630 | 37.11 1.65 -0.39 | 32.17 1.44 0.00 | 31.54 1.53 0.00 | 30.38 1.53 0.00 | 30.32 1.50 0.00 | 34.30 1.78 -0.74 | 48.77 2.29 -6.25 | 55.82 2.66 -7.29 | 45.08 1.27 0.00 | 39.16 0.31 0.00 | 38.46 -0.23 0.00 | 38.81 0.04 0.00 | 41.19 -0.08 0.00 | 43.61 0.09 0.00 | 47.67 0.71 0.00 | 56.83 1.76 0.00 | 77.41 3.82 0.00 | 115.54 6.82 -11.23 | 124.75 8.43 -9.52 | 94.99 5.90 -3.45 | 71.92 4.07 0.00 | 51.99 2.90 0.00 | 45.54 2.33 0.00 | 41.55 1.98 0.00 |
| G.F.CEMENT___DRP 24184 | 37.24 1.44 -0.73 | 32.02 1.29 -0.01 | 31.39 1.38 0.00 | 30.24 1.39 0.00 | 30.14 1.33 0.00 | 34.62 1.46 -1.38 | 53.80 1.89 -11.69 | 61.79 2.29 -13.63 | 45.39 1.58 0.00 | 39.83 0.97 0.00 | 39.38 0.70 0.00 | 39.78 1.01 0.00 | 42.06 0.78 0.00 | 44.43 0.91 0.00 | 48.28 1.31 0.00 | 56.88 1.82 0.00 | 77.05 3.46 0.00 | 125.05 6.04 -21.52 | 132.61 7.26 -18.56 | 97.06 4.71 -6.71 | 71.04 3.19 0.00 | 51.25 2.16 0.00 | 44.98 1.77 0.00 | 41.12 1.54 0.00 |
| GARDENVILLE___LBMP 24039 | 33.15 -1.93 0.00 | 29.68 -1.04 0.00 | 28.81 -1.20 0.00 | 27.73 -1.13 0.00 | 27.78 -1.04 0.00 | 30.19 -1.59 0.00 | 37.25 -2.98 0.00 | 42.06 -3.81 0.00 | 40.13 -3.68 0.00 | 36.29 -2.56 0.00 | 36.29 -2.40 0.00 | 37.15 -1.63 0.00 | 38.96 -2.31 0.00 | 41.00 -2.52 0.00 | 44.29 -2.68 0.00 | 50.88 -4.18 0.00 | 60.84 -7.65 5.09 | 81.40 -8.87 7.22 | 97.24 -9.50 0.04 | 78.79 -6.85 0.00 | 61.41 -6.45 0.00 | 45.16 -3.93 0.00 | 39.97 -3.24 0.00 | 37.60 -1.98 0.00 |
| GARDNVLA_35_KV_LD 355827 | 33.36 -1.72 0.00 | 29.90 -0.83 0.00 | 28.99 -1.02 0.00 | 27.90 -0.95 0.00 | 27.95 -0.86 0.00 | 30.38 -1.40 0.00 | 37.53 -2.69 0.00 | 42.38 -3.49 0.00 | 40.57 -3.24 0.00 | 36.72 -2.14 0.00 | 36.71 -1.97 0.00 | 37.57 -1.20 0.00 | 39.42 -1.86 0.00 | 41.48 -2.05 0.00 | 44.80 -2.16 0.00 | 51.32 -3.74 0.00 | 61.58 -7.14 4.87 | 82.38 -8.19 6.92 | 98.00 -8.76 0.04 | 79.39 -6.25 0.00 | 61.88 -5.97 0.00 | 45.46 -3.63 0.00 | 40.27 -2.94 0.00 | 37.83 -1.74 0.00 |
| GELCKHM___115KV_LOAD 80723 | 34.62 -0.46 0.00 | 30.39 -0.34 0.00 | 29.62 -0.39 0.00 | 28.45 -0.40 0.00 | 28.47 -0.35 0.00 | 31.37 -0.41 0.00 | 39.74 -0.48 0.00 | 45.32 -0.55 0.00 | 43.33 -0.48 0.00 | 38.47 -0.39 0.00 | 38.34 -0.35 0.00 | 38.62 -0.16 0.00 | 40.95 -0.33 0.00 | 43.17 -0.35 0.00 | 46.63 -0.33 0.00 | 54.68 -0.39 0.00 | 73.07 -0.52 0.00 | 97.00 -0.49 0.00 | 106.36 -0.43 0.00 | 85.21 -0.43 0.00 | 67.11 -0.75 0.00 | 48.55 -0.54 0.00 | 42.65 -0.56 0.00 | 39.10 -0.47 0.00 |
| GENERAL___MILLS 23808 | 33.22 -1.86 0.00 | 29.77 -0.95 0.00 | 28.90 -1.11 0.00 | 27.82 -1.04 0.00 | 27.87 -0.95 0.00 | 30.29 -1.49 0.00 | 37.37 -2.86 0.00 | 42.20 -3.67 0.00 | 40.39 -3.42 0.00 | 36.56 -2.29 0.00 | 36.52 -2.17 0.00 | 37.34 -1.43 0.00 | 39.21 -2.06 0.00 | 41.21 -2.31 0.00 | 44.52 -2.44 0.00 | 51.04 -4.02 0.00 | 61.18 -7.51 4.91 | 81.84 -8.68 6.97 | 97.46 -9.29 0.04 | 78.96 -6.68 0.00 | 61.54 -6.31 0.00 | 45.26 -3.83 0.00 | 40.10 -3.11 0.00 | 37.68 -1.90 0.00 |
| GE_PLASTICS___DRP 24183 | 34.03 0.28 1.33 | 30.90 0.18 0.01 | 30.28 0.27 0.00 | 29.17 0.32 0.00 | 29.08 0.26 0.00 | 29.59 0.32 2.51 | 19.30 0.32 21.24 | 21.51 0.41 24.77 | 43.94 0.18 0.04 | 38.93 0.08 0.00 | 38.76 0.08 0.00 | 39.08 0.31 0.00 | 41.28 0.00 0.00 | 43.52 0.00 0.00 | 47.06 0.09 0.00 | 55.17 0.11 0.00 | 71.07 0.59 3.10 | 54.23 2.05 45.30 | 66.19 2.03 42.63 | 71.07 0.86 15.43 | 68.06 0.20 0.00 | 49.19 0.10 0.00 | 43.25 0.04 0.00 | 39.62 0.04 0.00 |
| GILBOA___1 23756 | 35.92 0.84 0.00 | 31.37 0.65 0.00 | 31.00 0.99 0.00 | 29.87 1.01 0.00 | 29.71 0.89 0.00 | 32.64 0.86 0.00 | 41.07 0.85 0.00 | 46.88 1.01 0.00 | 44.77 0.96 0.00 | 39.75 0.89 0.00 | 39.61 0.93 0.00 | 40.05 1.28 0.00 | 42.27 0.99 0.00 | 44.56 1.04 0.00 | 48.14 1.17 0.00 | 56.44 1.38 0.00 | 75.79 2.21 0.00 | 101.28 3.80 0.00 | 110.21 3.42 0.00 | 87.86 2.22 0.00 | 69.14 1.29 0.00 | 50.02 0.93 0.00 | 43.99 0.78 0.00 | 40.41 0.83 0.00 |
| GILBOA___2 23757 | 35.92 0.84 0.00 | 31.37 0.65 0.00 | 31.00 0.99 0.00 | 29.87 1.01 0.00 | 29.71 0.89 0.00 | 32.64 0.86 0.00 | 41.07 0.85 0.00 | 46.88 1.01 0.00 | 44.77 0.96 0.00 | 39.75 0.89 0.00 | 39.61 0.93 0.00 | 40.05 1.28 0.00 | 42.27 0.99 0.00 | 44.56 1.04 0.00 | 48.14 1.17 0.00 | 56.44 1.38 0.00 | 75.79 2.21 0.00 | 101.28 3.80 0.00 | 110.21 3.42 0.00 | 87.86 2.22 0.00 | 69.14 1.29 0.00 | 50.02 0.93 0.00 | 43.99 0.78 0.00 | 40.41 0.83 0.00 |
| GILBOA___3 23758 | 35.92 0.84 0.00 | 31.37 0.65 0.00 | 31.00 0.99 0.00 | 29.87 1.01 0.00 | 29.71 0.89 0.00 | 32.64 0.86 0.00 | 41.07 0.85 0.00 | 46.88 1.01 0.00 | 44.77 0.96 0.00 | 39.75 0.89 0.00 | 39.61 0.93 0.00 | 40.05 1.28 0.00 | 42.27 0.99 0.00 | 44.56 1.04 0.00 | 48.14 1.17 0.00 | 56.44 1.38 0.00 | 75.79 2.21 0.00 | 101.28 3.80 0.00 | 110.21 3.42 0.00 | 87.86 2.22 0.00 | 69.14 1.29 0.00 | 50.02 0.93 0.00 | 43.99 0.78 0.00 | 40.41 0.83 0.00 |
| GILBOA___4 23759 | 35.92 0.84 0.00 | 31.37 0.65 0.00 | 31.00 0.99 0.00 | 29.87 1.01 0.00 | 29.71 0.89 0.00 | 32.64 0.86 0.00 | 41.07 0.85 0.00 | 46.88 1.01 0.00 | 44.77 0.96 0.00 | 39.75 0.89 0.00 | 39.61 0.93 0.00 | 40.05 1.28 0.00 | 42.27 0.99 0.00 | 44.56 1.04 0.00 | 48.14 1.17 0.00 | 56.44 1.38 0.00 | 75.79 2.21 0.00 | 101.28 3.80 0.00 | 110.21 3.42 0.00 | 87.86 2.22 0.00 | 69.14 1.29 0.00 | 50.02 0.93 0.00 | 43.99 0.78 0.00 | 40.41 0.83 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| GILBOA____ 23599 | 35.92 0.84 0.00 | 31.37 0.65 0.00 | 31.00 0.99 0.00 | 29.87 1.01 0.00 | 29.71 0.89 0.00 | 32.64 0.86 0.00 | 41.07 0.84 0.00 | 46.92 1.05 0.00 | 44.82 1.01 0.00 | 39.75 0.89 0.00 | 39.65 0.97 0.00 | 40.05 1.28 0.00 | 42.27 0.99 0.00 | 44.57 1.04 0.00 | 48.14 1.17 0.00 | 56.44 1.38 0.00 | 75.79 2.21 0.00 | 101.29 3.80 0.00 | 110.21 3.42 0.00 | 87.87 2.23 0.00 | 69.14 1.29 0.00 | 49.97 0.88 0.00 | 44.03 0.82 0.00 | 40.41 0.83 0.00 |
| GINNA____ 23603 | 32.52 -2.56 0.00 | 28.85 -1.88 0.00 | 27.97 -2.04 0.00 | 26.89 -1.96 0.00 | 26.89 -1.93 0.00 | 29.49 -2.29 0.00 | 37.13 -3.10 0.00 | 42.34 -3.53 0.00 | 40.44 -3.37 0.00 | 36.29 -2.57 0.00 | 36.25 -2.44 0.00 | 36.64 -2.13 0.00 | 38.68 -2.60 0.00 | 40.69 -2.83 0.00 | 43.91 -3.05 0.00 | 51.21 -3.86 0.00 | 62.17 -6.18 5.23 | 81.85 -8.19 7.45 | 98.12 -8.65 0.03 | 79.22 -6.42 0.00 | 61.95 -5.90 0.00 | 45.26 -3.83 0.00 | 40.36 -2.85 0.00 | 36.77 -2.81 0.00 |
| GLEN PARK____ 23778 | 36.23 1.16 0.00 | 31.99 1.26 0.00 | 30.82 0.81 0.00 | 29.43 0.58 0.00 | 29.65 0.84 0.00 | 32.99 1.21 0.00 | 41.99 1.77 0.00 | 48.07 2.20 0.00 | 45.52 1.71 0.00 | 39.86 1.01 0.00 | 39.42 0.73 0.00 | 39.59 0.82 0.00 | 42.10 0.83 0.00 | 44.26 0.74 0.00 | 47.57 0.61 0.00 | 56.57 1.21 -0.29 | 76.59 2.14 -0.86 | 101.19 3.70 0.00 | 111.60 4.81 0.00 | 90.61 4.97 0.00 | 71.11 3.26 0.00 | 51.59 2.50 0.00 | 45.20 1.99 0.00 | 41.00 1.42 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 37.75 2.56 -0.12 | 32.64 1.91 -0.01 | 31.85 1.83 -0.01 | 30.71 1.85 -0.01 | 30.64 1.82 -0.01 | 34.03 2.03 -0.21 | 44.25 2.29 -1.73 | 50.55 2.66 -2.02 | 46.61 2.80 0.00 | 41.73 2.88 0.00 | 41.78 3.09 0.00 | 42.50 3.72 0.00 | 44.66 3.38 0.00 | 47.09 3.57 0.00 | 50.58 3.62 0.00 | 59.25 4.18 0.00 | 79.77 6.18 0.00 | 112.55 9.55 -5.51 | 123.00 10.15 -6.06 | 94.94 7.11 -2.19 | 72.40 4.55 0.00 | 51.99 2.90 0.00 | 45.84 2.64 0.00 | 42.16 2.57 -0.01 |
| GLENWOOD_IC_1_G5 23712 | 37.32 2.14 -0.11 | 32.23 1.51 0.00 | 31.45 1.44 0.00 | 30.36 1.50 0.00 | 30.20 1.38 0.00 | 33.57 1.59 -0.20 | 43.77 1.81 -1.73 | 49.02 2.11 -1.04 | 46.04 2.23 0.00 | 41.30 2.45 0.00 | 41.55 2.86 0.00 | 42.16 3.37 -0.02 | 44.12 2.85 0.00 | 46.13 2.61 0.00 | 49.92 2.96 0.00 | 58.64 3.58 0.00 | 78.44 4.86 0.00 | 110.70 7.70 -5.51 | 121.18 8.33 -6.06 | 93.65 5.82 -2.19 | 71.31 3.46 0.00 | 51.30 2.21 0.00 | 45.19 1.99 0.00 | 41.59 2.02 0.00 |
| GLENWOOD_IC_2_G1 23688 | 37.22 2.03 -0.11 | 32.17 1.44 0.00 | 31.42 1.41 0.00 | 30.27 1.41 0.00 | 30.17 1.35 0.00 | 33.54 1.56 -0.20 | 43.68 1.73 -1.73 | 49.89 2.02 -2.01 | 46.00 2.19 0.00 | 41.19 2.33 0.00 | 41.24 2.55 0.00 | 41.91 3.14 0.00 | 43.96 2.68 0.00 | 46.26 2.74 0.00 | 50.01 3.05 0.00 | 58.64 3.58 0.00 | 78.59 5.01 0.00 | 111.09 8.09 -5.51 | 121.50 8.65 -6.06 | 93.83 5.99 -2.19 | 71.58 3.73 0.00 | 51.49 2.40 0.00 | 44.94 1.73 0.00 | 41.55 1.98 0.00 |
| GLENWOOD_IC_3_G1 23689 | 37.22 2.03 -0.11 | 32.17 1.44 0.00 | 31.42 1.41 0.00 | 30.27 1.41 0.00 | 30.17 1.35 0.00 | 33.54 1.56 -0.20 | 43.68 1.73 -1.73 | 49.89 2.02 -2.01 | 46.00 2.19 0.00 | 41.19 2.33 0.00 | 41.24 2.55 0.00 | 41.91 3.14 0.00 | 43.96 2.68 0.00 | 46.26 2.74 0.00 | 50.01 3.05 0.00 | 58.64 3.58 0.00 | 78.59 5.01 0.00 | 111.09 8.09 -5.51 | 121.50 8.65 -6.06 | 93.83 5.99 -2.19 | 71.58 3.73 0.00 | 51.49 2.40 0.00 | 44.94 1.73 0.00 | 41.55 1.98 0.00 |
| GLENWOOD____4 23550 | 37.32 2.14 -0.11 | 32.23 1.51 0.00 | 31.45 1.44 0.00 | 30.36 1.50 0.00 | 30.20 1.38 0.00 | 33.57 1.59 -0.20 | 43.77 1.81 -1.73 | 49.02 2.11 -1.04 | 46.04 2.23 0.00 | 41.30 2.45 0.00 | 41.55 2.86 0.00 | 42.16 3.37 -0.02 | 44.12 2.85 0.00 | 46.26 2.74 0.00 | 50.06 3.10 0.00 | 58.75 3.69 0.00 | 78.66 5.08 0.00 | 110.99 7.99 -5.51 | 121.50 8.65 -6.06 | 93.82 5.99 -2.19 | 71.51 3.66 0.00 | 51.40 2.31 0.00 | 45.19 1.99 0.00 | 41.59 2.02 0.00 |
| GLENWOOD____5 23614 | 37.32 2.14 -0.11 | 32.23 1.51 0.00 | 31.45 1.44 0.00 | 30.36 1.50 0.00 | 30.20 1.38 0.00 | 33.57 1.59 -0.20 | 43.77 1.81 -1.73 | 49.02 2.11 -1.04 | 46.04 2.23 0.00 | 41.30 2.45 0.00 | 41.55 2.86 0.00 | 42.16 3.37 -0.02 | 44.12 2.85 0.00 | 46.26 2.74 0.00 | 50.06 3.10 0.00 | 58.75 3.69 0.00 | 78.66 5.08 0.00 | 110.99 7.99 -5.51 | 121.50 8.65 -6.06 | 93.82 5.99 -2.19 | 71.51 3.66 0.00 | 51.40 2.31 0.00 | 45.19 1.99 0.00 | 41.59 2.02 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 36.76 1.58 -0.11 | 26.47 1.05 5.31 | 26.49 0.99 4.51 | 26.85 1.10 3.10 | 26.06 0.92 3.68 | 26.70 1.14 6.22 | 42.64 0.68 -1.73 | 44.60 0.51 1.78 | 44.43 0.74 0.12 | 30.11 1.71 10.45 | 40.62 1.93 0.00 | 41.54 2.75 -0.01 | 30.80 1.73 12.21 | 44.35 1.65 0.83 | 46.89 2.30 2.38 | 49.61 2.97 8.43 | 60.08 3.39 16.90 | 76.49 6.05 27.04 | 75.82 6.30 37.27 | 73.12 4.20 16.72 | 60.78 2.17 9.25 | 48.21 1.23 2.10 | 43.25 0.09 0.05 | 40.72 1.27 0.12 |
| GLOBE____DSASP 323697 | 32.41 -2.67 0.00 | 29.77 -0.95 0.00 | 28.30 -1.71 0.00 | 27.24 -1.62 0.00 | 27.29 -1.53 0.00 | 29.52 -2.26 0.00 | 36.28 -3.94 0.00 | 40.87 -5.00 0.00 | 39.16 -4.64 0.00 | 35.51 -3.34 0.00 | 35.44 -3.25 0.00 | 36.25 -2.52 0.00 | 38.06 -3.22 0.00 | 39.95 -3.57 0.00 | 43.11 -3.85 0.00 | 49.39 -5.67 0.00 | 58.64 -10.08 4.86 | 77.61 -12.97 6.91 | 93.09 -13.67 0.04 | 75.53 -10.11 0.00 | 59.10 -8.75 0.00 | 43.69 -5.40 0.00 | 38.80 -4.41 0.00 | 36.57 -3.01 0.00 |
| GOETHSLN____LBMP 323567 | 37.29 2.10 -0.11 | 32.23 1.51 0.00 | 31.45 1.44 0.00 | 30.30 1.44 0.00 | 30.23 1.41 0.00 | 33.57 1.59 -0.20 | 43.72 1.77 -1.72 | 50.09 2.20 -2.02 | 46.17 2.37 0.01 | 41.22 2.37 0.01 | 41.27 2.59 0.01 | 41.95 3.18 0.01 | 44.03 2.77 0.01 | 46.44 2.92 0.00 | 50.02 3.05 0.00 | 58.59 3.52 0.00 | 78.89 5.30 0.00 | 111.38 8.38 -5.51 | 121.82 8.97 -6.06 | 94.08 6.25 -2.19 | 71.72 3.87 0.00 | 51.40 2.31 0.00 | 45.19 1.99 0.01 | 41.55 1.98 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 34.23 -0.84 0.00 | 30.48 -0.25 0.00 | 29.59 -0.42 0.00 | 28.42 -0.43 0.00 | 28.53 -0.29 0.00 | 31.18 -0.60 0.00 | 38.90 -1.33 0.00 | 44.08 -1.79 0.00 | 42.19 -1.62 0.00 | 38.08 -0.78 0.00 | 37.91 -0.77 0.00 | 38.54 -0.23 0.00 | 40.62 -0.66 0.00 | 42.69 -0.83 0.00 | 46.02 -0.94 0.00 | 53.41 -1.65 0.00 | 65.02 -3.75 4.82 | 86.07 -4.58 6.84 | 102.17 -4.59 0.03 | 82.64 -3.00 0.00 | 64.60 -3.26 0.00 | 47.37 -1.72 0.00 | 41.78 -1.43 0.00 | 38.86 -0.71 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 36.21 1.02 -0.12 | 31.62 0.89 0.00 | 30.97 0.96 0.00 | 29.75 0.89 0.00 | 29.77 0.95 0.00 | 33.09 1.08 -0.23 | 43.43 1.29 -1.92 | 49.71 1.61 -2.24 | 45.17 1.36 0.00 | 39.98 1.13 0.00 | 39.73 1.04 0.00 | 40.21 1.43 0.00 | 42.51 1.24 0.00 | 44.83 1.31 0.00 | 48.37 1.41 0.00 | 56.99 1.93 0.00 | 77.48 3.09 -0.80 | 107.44 5.17 -4.79 | 115.97 5.66 -3.52 | 91.28 4.37 -1.27 | 70.50 2.65 0.00 | 50.86 1.77 0.00 | 44.63 1.43 0.00 | 40.84 1.27 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 34.83 -0.25 0.00 | 30.63 -0.09 0.00 | 29.92 -0.09 0.00 | 28.80 -0.06 0.00 | 28.79 -0.03 0.00 | 31.65 -0.13 0.00 | 39.90 -0.32 0.00 | 45.50 -0.37 0.00 | 43.41 -0.39 0.00 | 38.66 -0.19 0.00 | 38.57 -0.12 0.00 | 39.01 0.23 0.00 | 41.15 -0.12 0.00 | 43.43 -0.09 0.00 | 46.92 -0.05 0.00 | 54.84 -0.22 0.00 | 72.46 -0.52 0.62 | 96.55 0.19 1.13 | 107.21 0.43 0.01 | 85.90 0.26 0.00 | 67.38 -0.47 0.00 | 48.75 -0.34 0.00 | 42.82 -0.39 0.00 | 39.46 -0.12 0.00 |

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|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|
| GOUDEY___7 23579 | 34.83 | 30.63 | 29.92 | 28.80 | 28.79 | 31.65 | 39.90 | 45.50 | 43.41 | 38.66 | 38.57 | 39.01 | 41.15 | 43.43 | 46.92 | 54.84 | 72.46 | 96.55 | 107.21 | 85.90 | 67.38 | 48.75 | 42.82 | 39.46 |
| | -0.25 | -0.09 | -0.09 | -0.06 | -0.03 | -0.13 | -0.32 | -0.37 | -0.39 | -0.19 | -0.12 | 0.23 | -0.12 | -0.09 | -0.05 | -0.22 | -0.52 | 0.19 | 0.43 | 0.26 | -0.47 | -0.34 | -0.39 | -0.12 |
| | 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 | 0.62 | 1.13 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOUDEY___8 23580 | 34.83 | 30.63 | 29.92 | 28.80 | 28.79 | 31.65 | 39.90 | 45.50 | 43.41 | 38.66 | 38.57 | 39.01 | 41.15 | 43.43 | 46.92 | 54.84 | 72.46 | 96.55 | 107.21 | 85.90 | 67.38 | 48.75 | 42.82 | 39.46 |
| | -0.25 | -0.09 | -0.09 | -0.06 | -0.03 | -0.13 | -0.32 | -0.37 | -0.39 | -0.19 | -0.12 | 0.23 | -0.12 | -0.09 | -0.05 | -0.22 | -0.52 | 0.19 | 0.43 | 0.26 | -0.47 | -0.34 | -0.39 | -0.12 |
| | 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 | 0.62 | 1.13 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_1 24077 | 37.65 | 32.55 | 31.76 | 30.62 | 30.56 | 33.93 | 44.05 | 50.36 | 46.39 | 41.54 | 41.63 | 42.34 | 44.50 | 46.96 | 50.44 | 59.08 | 79.47 | 112.16 | 122.68 | 94.68 | 72.19 | 51.89 | 45.80 | 42.00 |
| | 2.46 | 1.81 | 1.74 | 1.76 | 1.73 | 1.94 | 2.09 | 2.48 | 2.58 | 2.68 | 2.94 | 3.57 | 3.22 | 3.44 | 3.48 | 4.02 | 5.89 | 9.16 | 9.82 | 6.85 | 4.34 | 2.80 | 2.59 | 2.41 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | -0.01 |
| GOWANUS_GT1_2 24078 | 37.65 | 32.55 | 31.76 | 30.62 | 30.56 | 33.93 | 44.05 | 50.36 | 46.39 | 41.54 | 41.63 | 42.34 | 44.50 | 46.96 | 50.44 | 59.08 | 79.47 | 112.16 | 122.68 | 94.68 | 72.19 | 51.89 | 45.80 | 42.00 |
| | 2.46 | 1.81 | 1.74 | 1.76 | 1.73 | 1.94 | 2.09 | 2.48 | 2.58 | 2.68 | 2.94 | 3.57 | 3.22 | 3.44 | 3.48 | 4.02 | 5.89 | 9.16 | 9.82 | 6.85 | 4.34 | 2.80 | 2.59 | 2.41 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | -0.01 |
| GOWANUS_GT1_3 24079 | 37.65 | 32.55 | 31.76 | 30.62 | 30.56 | 33.93 | 44.05 | 50.36 | 46.39 | 41.54 | 41.63 | 42.34 | 44.50 | 46.96 | 50.44 | 59.08 | 79.47 | 112.16 | 122.68 | 94.68 | 72.19 | 51.89 | 45.80 | 42.00 |
| | 2.46 | 1.81 | 1.74 | 1.76 | 1.73 | 1.94 | 2.09 | 2.48 | 2.58 | 2.68 | 2.94 | 3.57 | 3.22 | 3.44 | 3.48 | 4.02 | 5.89 | 9.16 | 9.82 | 6.85 | 4.34 | 2.80 | 2.59 | 2.41 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | -0.01 |
| GOWANUS_GT1_4 24080 | 37.65 | 32.55 | 31.76 | 30.62 | 30.56 | 33.93 | 44.05 | 50.36 | 46.39 | 41.54 | 41.63 | 42.34 | 44.50 | 46.96 | 50.44 | 59.08 | 79.47 | 112.16 | 122.68 | 94.68 | 72.19 | 51.89 | 45.80 | 42.00 |
| | 2.46 | 1.81 | 1.74 | 1.76 | 1.73 | 1.94 | 2.09 | 2.48 | 2.58 | 2.68 | 2.94 | 3.57 | 3.22 | 3.44 | 3.48 | 4.02 | 5.89 | 9.16 | 9.82 | 6.85 | 4.34 | 2.80 | 2.59 | 2.41 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | | | | | | | | | | | | | | | | | |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|
| GOWANUS_GT2_6 24119 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| GOWANUS_GT2_7 24120 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| GOWANUS_GT2_8 24121 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| GOWANUS_GT3_1 24122 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| GOWANUS_GT3_2 24123 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| GOWANUS_GT3_3 24124 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| GOWANUS_GT3_4 24125 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| GOWANUS_GT3_5 24126 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 3 | | | | | | | | | | | | | | | | | | |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_5 24134 | 37.65 2.46 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.62 1.76 -0.01 | 30.56 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.36 2.48 -2.02 | 46.39 2.58 0.00 | 41.54 2.68 0.00 | 41.63 2.94 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.47 5.89 0.00 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.68 6.85 -2.19 | 72.19 4.34 0.00 | 51.89 2.80 0.00 | 45.80 2.59 0.00 | 42.00 2.41 -0.01 |
| GOWANUS_GT4_6 24135 | 37.65 2.46 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.62 1.76 -0.01 | 30.56 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.36 2.48 -2.02 | 46.39 2.58 0.00 | 41.54 2.68 0.00 | 41.63 2.94 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.47 5.89 0.00 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.68 6.85 -2.19 | 72.19 4.34 0.00 | 51.89 2.80 0.00 | 45.80 2.59 0.00 | 42.00 2.41 -0.01 |
| GOWANUS_GT4_7 24136 | 37.65 2.46 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.62 1.76 -0.01 | 30.56 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.36 2.48 -2.02 | 46.39 2.58 0.00 | 41.54 2.68 0.00 | 41.63 2.94 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.47 5.89 0.00 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.68 6.85 -2.19 | 72.19 4.34 0.00 | 51.89 2.80 0.00 | 45.80 2.59 0.00 | 42.00 2.41 -0.01 |
| GOWANUS_GT4_8 24137 | 37.65 2.46 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.62 1.76 -0.01 | 30.56 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.36 2.48 -2.02 | 46.39 2.58 0.00 | 41.54 2.68 0.00 | 41.63 2.94 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.47 5.89 0.00 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.68 6.85 -2.19 | 72.19 4.34 0.00 | 51.89 2.80 0.00 | 45.80 2.59 0.00 | 42.00 2.41 -0.01 |
| GREATVRV_69_KV_BK1 356245 | 37.53 2.35 -0.11 | 30.11 1.81 2.43 | 29.66 1.71 2.06 | 29.23 1.79 1.42 | 28.74 1.61 1.69 | 30.95 1.91 2.74 | 43.85 1.89 -1.73 | 46.14 1.47 1.20 | 45.81 2.06 0.06 | 36.98 2.91 4.79 | 41.82 3.13 0.00 | 42.39 3.61 -0.01 | 38.57 2.93 5.64 | 46.10 2.96 0.38 | 49.53 3.66 1.10 | 55.74 4.57 3.89 | 71.00 5.22 7.81 | 96.15 8.19 9.53 | 101.70 8.86 13.96 | 85.35 6.25 6.54 | 67.65 4.07 4.27 | 50.92 2.80 0.97 | 44.91 1.73 0.03 | 41.90 2.37 0.05 |
| GREENBSH_115KV_TB3 55895 | 33.24 0.46 2.29 | 31.08 0.37 0.02 | 30.46 0.45 0.00 | 29.35 0.49 0.00 | 29.25 0.43 0.00 | 27.97 0.51 4.32 | 4.21 0.60 36.62 | 3.95 0.78 42.70 | 44.29 0.48 0.00 | 39.17 0.31 0.00 | 38.92 0.23 0.00 | 39.24 0.47 0.00 | 41.48 0.21 0.00 | 43.69 0.17 0.00 | 47.29 0.33 0.00 | 55.45 0.39 0.00 | 74.71 1.18 0.05 | 22.75 2.83 77.56 | 37.05 2.99 72.73 | 60.87 1.54 26.32 | 68.46 0.61 0.00 | 49.43 0.34 0.00 | 43.47 0.26 0.00 | 39.81 0.24 0.00 |
| GREENDGE_115KV_TB5 80291 | 34.62 -0.46 0.00 | 30.63 -0.09 0.00 | 29.80 -0.21 0.00 | 28.63 -0.23 0.00 | 28.70 -0.12 0.00 | 31.56 -0.22 0.00 | 39.54 -0.68 0.00 | 45.13 -0.73 0.00 | 42.98 -0.83 0.00 | 38.23 -0.62 0.00 | 38.07 -0.62 0.00 | 38.58 -0.19 0.00 | 40.70 -0.58 0.00 | 42.95 -0.57 0.00 | 46.45 -0.52 0.00 | 54.35 -0.72 0.00 | 65.18 -1.40 7.01 | 86.48 -1.36 9.65 | 104.63 -2.03 0.13 | 84.87 -0.77 0.00 | 66.90 -0.95 0.00 | 48.45 -0.64 0.00 | 42.52 -0.69 0.00 | 39.18 -0.40 0.00 |
| GREENIDGE___3 23582 | 34.62 -0.46 0.00 | 30.63 -0.09 0.00 | 29.80 -0.21 0.00 | 28.63 -0.23 0.00 | 28.70 -0.12 0.00 | 31.56 -0.22 0.00 | 39.54 -0.68 0.00 | 45.13 -0.73 0.00 | 42.98 -0.83 0.00 | 38.23 -0.62 0.00 | 38.07 -0.62 0.00 | 38.58 -0.19 0.00 | 40.70 -0.58 0.00 | 42.95 -0.57 0.00 | 46.45 -0.52 0.00 | 54.35 -0.72 0.00 | 65.18 -1.40 7.01 | 86.48 -1.36 9.65 | 104.63 -2.03 0.13 | 84.87 -0.77 0.00 | 66.90 -0.95 0.00 | 48.45 -0.64 0.00 | 42.52 -0.69 0.00 | 39.18 -0.40 0.00 |
| GREENIDGE___4 23583 | 34.69 -0.39 0.00 | 30.70 -0.03 0.00 | 29.80 -0.21 0.00 | 28.62 -0.23 0.00 | 28.70 -0.11 0.00 | 31.56 -0.22 0.00 | 39.54 -0.68 0.00 | 45.23 -0.64 0.00 | 43.02 -0.79 0.00 | 38.23 -0.62 0.00 | 38.46 -0.23 0.00 | 38.58 -0.19 0.00 | 40.70 -0.58 0.00 | 42.95 -0.57 0.00 | 46.45 -0.52 0.00 | 54.41 -0.66 0.00 | 65.18 -1.40 7.01 | 86.57 -1.27 9.65 | 104.63 -2.03 0.13 | 84.87 -0.77 0.00 | 66.90 -0.95 0.00 | 48.45 -0.64 0.00 | 42.95 -0.26 0.00 | 39.22 -0.36 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 36.97 1.79 -0.11 | 32.26 0.86 -0.68 | 31.36 0.78 -0.57 | 30.12 0.87 -0.39 | 30.01 0.72 -0.47 | 33.69 0.89 -1.02 | 43.08 1.13 -1.73 | 45.75 0.69 0.80 | 44.87 1.05 -0.01 | 41.89 1.71 -1.33 | 41.05 2.36 0.00 | 41.61 2.83 -0.01 | 44.25 1.61 -1.37 | 45.18 1.57 -0.09 | 49.20 1.97 -0.27 | 58.49 2.48 -0.94 | 78.71 3.24 -1.88 | 112.09 5.46 -9.14 | 123.56 5.87 -10.90 | 93.71 3.77 -4.30 | 70.85 1.97 -1.03 | 50.46 1.13 -0.24 | 44.03 0.82 0.00 | 40.58 0.99 -0.01 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 37.65 2.46 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.62 1.76 -0.01 | 30.56 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.36 2.48 -2.02 | 46.39 2.58 0.00 | 41.54 2.68 0.00 | 41.63 2.94 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.47 5.89 0.00 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.68 6.85 -2.19 | 72.19 4.34 0.00 | 51.89 2.80 0.00 | 45.80 2.59 0.00 | 42.00 2.41 -0.01 |
| GRISSOM___SOLAR 323813 | 37.09 1.61 -0.40 | 32.14 1.41 0.00 | 31.51 1.50 0.00 | 30.36 1.50 0.00 | 30.29 1.47 0.00 | 34.25 1.71 -0.75 | 48.85 2.25 -6.38 | 55.87 2.57 -7.43 | 45.08 1.27 0.00 | 39.16 0.31 0.00 | 38.46 -0.23 0.00 | 38.74 -0.04 0.00 | 41.07 -0.21 0.00 | 43.52 0.00 0.00 | 47.53 0.57 0.00 | 56.66 1.60 0.00 | 77.27 3.68 0.00 | 115.56 6.63 -11.44 | 124.60 8.11 -9.69 | 94.80 5.65 -3.51 | 71.79 3.93 0.00 | 51.84 2.75 0.00 | 45.45 2.25 0.00 | 41.51 1.94 0.00 |
| GROVEVILLE___HYD 323602 | 37.23 2.07 -0.08 | 32.29 1.57 0.00 | 31.54 1.53 0.00 | 30.41 1.56 0.00 | 30.35 1.53 0.00 | 33.65 1.72 -0.16 | 43.62 2.05 -1.34 | 49.91 2.48 -1.57 | 46.26 2.45 0.00 | 41.07 2.21 0.00 | 41.08 2.40 0.00 | 41.68 2.91 0.00 | 43.88 2.60 0.00 | 46.35 2.83 0.00 | 50.02 3.05 0.00 | 58.64 3.58 0.00 | 79.11 5.52 0.00 | 111.05 8.97 -4.59 | 121.68 9.72 -5.17 | 94.36 6.85 -1.87 | 72.19 4.34 0.00 | 51.89 2.80 0.00 | 45.50 2.29 0.00 | 41.79 2.22 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 34.83 -0.25 0.00 | 30.57 -0.15 0.00 | 29.77 -0.24 0.00 | 28.63 -0.23 0.00 | 28.62 -0.20 0.00 | 31.56 -0.22 0.00 | 39.98 -0.24 0.00 | 45.59 -0.28 0.00 | 43.63 -0.18 0.00 | 38.74 -0.12 0.00 | 38.57 -0.12 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.52 0.00 0.00 | 47.01 0.05 0.00 | 55.12 0.06 0.00 | 73.59 0.00 0.00 | 97.68 0.19 0.00 | 107.22 0.43 0.00 | 85.90 0.26 0.00 | 67.65 -0.20 0.00 | 48.89 -0.20 0.00 | 42.95 -0.26 0.00 | 39.38 -0.20 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 34.79 -0.28 0.00 | 30.57 -0.15 0.00 | 29.80 -0.21 0.00 | 28.65 -0.20 0.00 | 28.65 -0.17 0.00 | 31.56 -0.22 0.00 | 39.98 -0.24 0.00 | 45.59 -0.28 0.00 | 43.63 -0.18 0.00 | 38.74 -0.12 0.00 | 38.61 -0.08 0.00 | 38.97 0.19 0.00 | 41.28 0.00 0.00 | 43.56 0.04 0.00 | 47.06 0.09 0.00 | 55.12 0.06 0.00 | 73.51 -0.07 0.00 | 97.58 0.10 0.00 | 107.11 0.32 0.00 | 85.90 0.26 0.00 | 67.58 -0.27 0.00 | 48.89 -0.20 0.00 | 42.95 -0.26 0.00 | 39.42 -0.16 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 35.67 0.60 0.00 | 31.43 0.71 0.00 | 30.34 0.33 0.00 | 29.03 0.17 0.00 | 29.14 0.32 0.00 | 32.35 0.57 0.00 | 41.19 0.96 0.00 | 47.01 1.15 0.00 | 44.68 0.88 0.00 | 39.36 0.50 0.00 | 39.07 0.39 0.00 | 39.08 0.31 0.00 | 41.73 0.45 0.00 | 43.87 0.35 0.00 | 47.01 0.05 0.00 | 56.06 0.22 -0.78 | 76.34 0.44 -2.31 | 97.68 0.20 0.00 | 107.44 0.64 0.00 | 87.01 1.37 0.00 | 69.14 1.29 0.00 | 50.32 1.23 0.00 | 44.33 1.12 0.00 | 40.33 0.75 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 35.99 0.91 0.00 | 31.56 0.83 0.00 | 30.79 0.78 0.00 | 29.58 0.72 0.00 | 29.60 0.78 0.00 | 32.70 0.92 0.00 | 41.35 1.12 0.00 | 47.15 1.28 0.00 | 44.99 1.18 0.00 | 39.86 1.01 0.00 | 39.73 1.04 0.00 | 39.94 1.16 0.00 | 42.35 1.07 0.00 | 44.56 1.04 0.00 | 48.00 1.03 0.00 | 56.38 1.32 0.00 | 75.57 1.99 0.00 | 100.41 2.92 0.00 | 109.99 3.20 0.00 | 88.30 2.66 0.00 | 69.61 1.76 0.00 | 50.36 1.27 0.00 | 44.24 1.04 0.00 | 40.45 0.87 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 36.88 1.72 -0.09 | 31.99 1.26 0.00 | 31.24 1.23 0.00 | 30.13 1.27 0.00 | 30.09 1.27 0.00 | 33.38 1.43 -0.17 | 43.33 1.69 -1.42 | 49.63 2.11 -1.66 | 45.95 2.15 0.00 | 40.91 2.06 0.00 | 40.93 2.24 0.00 | 41.53 2.75 0.00 | 43.67 2.39 0.00 | 46.13 2.61 0.00 | 49.78 2.82 0.00 | 58.37 3.30 0.00 | 78.66 5.08 0.00 | 110.41 8.29 -4.64 | 121.12 9.18 -5.14 | 94.01 6.51 -1.86 | 71.86 4.00 0.00 | 51.59 2.50 0.00 | 45.24 2.03 0.00 | 41.52 1.94 0.00 |
| HARSNRAD_115KV_TB1 81005 | 33.08 -2.00 0.00 | 29.53 -1.20 0.00 | 28.81 -1.20 0.00 | 27.76 -1.10 0.00 | 27.78 -1.04 0.00 | 30.00 -1.78 0.00 | 36.80 -3.42 0.00 | 41.46 -4.40 0.00 | 39.69 -4.12 0.00 | 35.98 -2.88 0.00 | 35.90 -2.79 0.00 | 36.72 -2.06 0.00 | 38.59 -2.68 0.00 | 40.52 -3.00 0.00 | 43.72 -3.24 0.00 | 50.16 -4.90 0.00 | 59.72 -8.98 4.89 | 79.92 -10.63 6.94 | 94.90 -11.85 0.04 | 76.99 -8.65 0.00 | 60.18 -7.67 0.00 | 44.43 -4.66 0.00 | 39.58 -3.63 0.00 | 37.56 -2.02 0.00 |
| HARZA MOOSE___RIVER 24016 | 35.85 0.77 0.00 | 31.53 0.80 0.00 | 30.46 0.45 0.00 | 29.17 0.32 0.00 | 29.28 0.46 0.00 | 32.45 0.67 0.00 | 41.23 1.01 0.00 | 47.11 1.24 0.00 | 44.77 0.96 0.00 | 39.48 0.62 0.00 | 39.11 0.43 0.00 | 39.32 0.54 0.00 | 41.77 0.50 0.00 | 44.00 0.48 0.00 | 47.39 0.42 0.00 | 56.05 0.77 -0.22 | 75.63 1.40 -0.65 | 99.73 2.24 0.00 | 109.57 2.78 0.00 | 88.38 2.74 0.00 | 69.55 1.70 0.00 | 50.42 1.33 0.00 | 44.20 0.99 0.00 | 40.29 0.71 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 34.62 -0.46 0.00 | 30.39 -0.34 0.00 | 29.62 -0.39 0.00 | 28.48 -0.38 0.00 | 28.47 -0.35 0.00 | 31.37 -0.41 0.00 | 39.74 -0.48 0.00 | 45.27 -0.60 0.00 | 43.33 -0.48 0.00 | 38.47 -0.39 0.00 | 38.30 -0.39 0.00 | 38.62 -0.16 0.00 | 40.90 -0.37 0.00 | 43.17 -0.35 0.00 | 46.63 -0.33 0.00 | 54.68 -0.39 0.00 | 73.07 -0.52 0.00 | 97.00 -0.49 0.00 | 106.36 -0.43 0.00 | 85.13 -0.51 0.00 | 67.04 -0.81 0.00 | 48.50 -0.59 0.00 | 42.60 -0.60 0.00 | 39.10 -0.47 0.00 |
| HELLGATE_13_KV_LD 55870 | 37.79 2.60 -0.12 | 32.67 1.94 -0.01 | 31.91 1.89 -0.01 | 30.74 1.88 -0.01 | 30.67 1.84 -0.01 | 34.06 2.07 -0.21 | 44.25 2.29 -1.73 | 50.55 2.66 -2.02 | 46.57 2.76 0.00 | 41.73 2.88 0.00 | 41.78 3.09 0.00 | 42.50 3.72 0.00 | 44.66 3.38 0.00 | 47.09 3.57 0.00 | 50.58 3.62 0.00 | 59.25 4.18 0.00 | 79.77 6.18 0.00 | 112.45 9.46 -5.51 | 123.00 10.15 -6.06 | 94.86 7.02 -2.19 | 72.40 4.55 0.00 | 51.99 2.90 0.00 | 45.89 2.68 0.00 | 42.20 2.61 -0.01 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 37.79 2.60 -0.12 | 32.67 1.94 -0.01 | 31.91 1.89 -0.01 | 30.74 1.88 -0.01 | 30.67 1.84 -0.01 | 34.06 2.07 -0.21 | 44.25 2.29 -1.73 | 50.55 2.66 -2.02 | 46.57 2.76 0.00 | 41.73 2.88 0.00 | 41.78 3.09 0.00 | 42.50 3.72 0.00 | 44.66 3.38 0.00 | 47.09 3.57 0.00 | 50.58 3.62 0.00 | 59.25 4.18 0.00 | 79.77 6.18 0.00 | 112.45 9.46 -5.51 | 123.00 10.15 -6.06 | 94.86 7.02 -2.19 | 72.40 4.55 0.00 | 51.99 2.90 0.00 | 45.89 2.68 0.00 | 42.20 2.61 -0.01 |
| HEMPSTEAD___ 23647 | 37.11 1.93 -0.11 | 31.99 1.26 0.00 | 31.24 1.23 0.00 | 30.12 1.27 0.00 | 29.97 1.15 0.00 | 33.32 1.33 -0.20 | 43.36 1.41 -1.73 | 47.98 1.56 -0.56 | 45.60 1.80 0.01 | 40.99 2.14 0.00 | 41.09 2.40 0.00 | 41.85 3.06 -0.01 | 43.71 2.43 0.00 | 45.96 2.44 0.00 | 49.83 2.87 0.00 | 58.54 3.47 0.00 | 78.07 4.49 0.01 | 110.21 7.21 -5.51 | 120.54 7.69 -6.06 | 93.05 5.22 -2.19 | 70.97 3.12 0.01 | 51.15 2.06 0.00 | 44.50 1.30 0.01 | 41.32 1.74 0.00 |
| HICKLING___1 23621 | 34.20 -0.88 0.00 | 30.27 -0.46 0.00 | 29.47 -0.54 0.00 | 28.34 -0.52 0.00 | 28.41 -0.40 0.00 | 31.21 -0.57 0.00 | 39.10 -1.13 0.00 | 44.63 -1.24 0.00 | 42.41 -1.40 0.00 | 37.88 -0.97 0.00 | 37.91 -0.77 0.00 | 38.54 -0.23 0.00 | 40.57 -0.70 0.00 | 42.87 -0.65 0.00 | 46.31 -0.66 0.00 | 53.85 -1.21 0.00 | 63.02 -2.35 8.21 | 83.84 -2.14 11.50 | 104.87 -1.82 0.11 | 84.36 -1.28 0.00 | 65.95 -1.90 0.00 | 47.86 -1.23 0.00 | 42.04 -1.17 0.00 | 38.94 -0.63 0.00 |
| HICKLING___2 23622 | 34.20 -0.88 0.00 | 30.27 -0.46 0.00 | 29.47 -0.54 0.00 | 28.34 -0.52 0.00 | 28.41 -0.40 0.00 | 31.21 -0.57 0.00 | 39.10 -1.13 0.00 | 44.63 -1.24 0.00 | 42.41 -1.40 0.00 | 37.88 -0.97 0.00 | 37.91 -0.77 0.00 | 38.54 -0.23 0.00 | 40.57 -0.70 0.00 | 42.87 -0.65 0.00 | 46.31 -0.66 0.00 | 53.85 -1.21 0.00 | 63.02 -2.35 8.21 | 83.84 -2.14 11.50 | 104.87 -1.82 0.11 | 84.36 -1.28 0.00 | 65.95 -1.90 0.00 | 47.86 -1.23 0.00 | 42.04 -1.17 0.00 | 38.94 -0.63 0.00 |
| HIGH FALLS___HY 23754 | 37.14 2.21 0.14 | 32.38 1.66 0.00 | 31.63 1.62 0.00 | 30.50 1.64 0.00 | 30.46 1.64 0.00 | 33.32 1.81 0.27 | 40.10 2.17 2.29 | 45.81 2.61 2.68 | 46.52 2.72 0.00 | 41.34 2.49 0.00 | 41.39 2.71 0.00 | 41.95 3.18 0.00 | 44.17 2.89 0.00 | 46.65 3.13 0.00 | 50.35 3.38 0.00 | 59.08 4.02 0.00 | 79.48 6.18 0.29 | 103.79 9.85 3.54 | 115.12 11.00 2.67 | 92.64 7.96 0.97 | 73.01 5.16 0.00 | 52.38 3.29 0.00 | 45.93 2.72 0.00 | 42.15 2.57 0.00 |
| HIGH_RIVER___SOLAR 323847 | 36.95 1.47 -0.41 | 31.99 1.26 0.00 | 31.36 1.35 0.00 | 30.21 1.36 0.00 | 30.14 1.33 0.00 | 34.07 1.53 -0.77 | 48.70 1.97 -6.51 | 55.61 2.16 -7.59 | 44.73 0.92 0.00 | 39.13 0.27 0.00 | 38.65 -0.04 0.00 | 38.97 0.19 0.00 | 41.32 0.04 0.00 | 43.70 0.17 0.00 | 47.53 0.57 0.00 | 56.49 1.43 0.00 | 76.75 3.16 0.00 | 115.10 5.95 -11.67 | 123.93 7.27 -9.88 | 94.35 5.14 -3.57 | 71.31 3.46 0.00 | 51.54 2.45 0.00 | 45.20 1.99 0.00 | 41.28 1.70 0.00 |
| HILLBURN___GT 23639 | 36.92 1.75 -0.09 | 31.99 1.26 0.00 | 31.24 1.23 0.00 | 30.12 1.27 0.00 | 30.08 1.27 0.00 | 33.39 1.43 -0.18 | 43.40 1.69 -1.48 | 49.71 2.11 -1.73 | 46.00 2.19 0.00 | 40.99 2.14 0.00 | 40.97 2.28 0.00 | 41.60 2.83 0.00 | 43.75 2.48 0.00 | 46.18 2.66 0.00 | 49.78 2.82 0.00 | 58.31 3.25 0.00 | 78.59 5.01 0.00 | 110.30 8.00 -4.82 | 120.98 8.86 -5.33 | 93.82 6.25 -1.93 | 71.65 3.80 0.00 | 51.45 2.36 0.00 | 44.98 1.77 0.00 | 41.44 1.86 0.00 |
| HILLSIDE_115KV_TB1 80332 | 33.88 -1.19 0.00 | 29.96 -0.77 0.00 | 29.20 -0.81 0.00 | 28.08 -0.78 0.00 | 28.13 -0.69 0.00 | 30.89 -0.89 0.00 | 38.74 -1.49 0.00 | 44.22 -1.65 0.00 | 42.01 -1.80 0.00 | 37.50 -1.36 0.00 | 37.45 -1.24 0.00 | 38.00 -0.78 0.00 | 40.04 -1.24 0.00 | 42.26 -1.26 0.00 | 45.65 -1.31 0.00 | 53.14 -1.93 0.00 | 63.06 -3.16 7.36 | 84.02 -3.12 10.35 | 103.71 -2.99 0.09 | 83.41 -2.23 0.00 | 65.21 -2.65 0.00 | 47.22 -1.87 0.00 | 41.57 -1.64 0.00 | 38.43 -1.15 0.00 |

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| HISHELDN_WT_PWR 323625 | 33.29 -1.79 0.00 | 29.77 -0.95 0.00 | 28.69 -1.32 0.00 | 27.65 -1.21 0.00 | 27.72 -1.10 0.00 | 30.16 -1.62 0.00 | 37.33 -2.90 0.00 | 42.47 -3.39 0.00 | 40.22 -3.59 0.00 | 36.17 -2.68 0.00 | 36.44 -2.24 0.00 | 37.07 -1.71 0.00 | 38.88 -2.40 0.00 | 40.95 -2.57 0.00 | 44.24 -2.73 0.00 | 51.05 -4.02 0.00 | 61.04 -7.21 5.34 | 81.66 -8.29 7.54 | 98.09 -8.65 0.05 | 79.39 -6.25 0.00 | 62.02 -5.84 0.00 | 45.46 -3.63 0.00 | 41.18 -2.03 0.00 | 37.72 -1.86 0.00 |
| HOLTSVILLE_IC_1 23690 | 36.76 1.58 -0.11 | 26.47 1.07 5.33 | 26.50 1.02 4.53 | 26.84 1.10 3.11 | 26.07 0.95 3.70 | 26.67 1.14 6.25 | 42.80 0.85 -1.73 | 44.81 0.73 1.79 | 44.69 1.01 0.13 | 30.34 1.98 10.50 | 40.58 1.90 0.00 | 41.50 2.71 -0.01 | 30.79 1.77 12.26 | 44.34 1.65 0.83 | 46.69 2.12 2.39 | 49.25 2.64 8.46 | 59.71 3.09 16.97 | 75.77 5.46 27.17 | 75.01 5.66 37.44 | 72.53 3.68 16.79 | 60.60 2.03 9.28 | 48.25 1.27 2.11 | 43.55 0.39 0.05 | 40.72 1.27 0.12 |
| HOLTSVILLE_IC_10 23699 | 36.90 1.72 -0.11 | 26.80 1.20 5.12 | 26.80 1.14 4.35 | 27.08 1.21 2.99 | 26.33 1.07 3.56 | 27.05 1.27 6.00 | 43.00 1.04 -1.73 | 45.02 0.87 1.72 | 44.91 1.22 0.12 | 30.94 2.17 10.09 | 40.81 2.13 0.00 | 41.69 2.91 -0.01 | 31.45 1.98 11.80 | 44.63 1.91 0.80 | 47.11 2.44 2.30 | 49.95 3.03 8.14 | 60.86 3.60 16.33 | 77.59 6.05 25.95 | 77.28 6.30 35.81 | 73.76 4.20 16.08 | 61.36 2.44 8.94 | 48.63 1.57 2.03 | 43.76 0.60 0.05 | 40.93 1.47 0.11 |
| HOLTSVILLE_IC_2 23691 | 36.76 1.58 -0.11 | 26.47 1.07 5.33 | 26.50 1.02 4.53 | 26.84 1.10 3.11 | 26.07 0.95 3.70 | 26.67 1.14 6.25 | 42.80 0.85 -1.73 | 44.81 0.73 1.79 | 44.69 1.01 0.13 | 30.34 1.98 10.50 | 40.58 1.90 0.00 | 41.50 2.71 -0.01 | 30.79 1.77 12.26 | 44.34 1.65 0.83 | 46.69 2.12 2.39 | 49.25 2.64 8.46 | 59.71 3.09 16.97 | 75.77 5.46 27.17 | 75.01 5.66 37.44 | 72.53 3.68 16.79 | 60.60 2.03 9.28 | 48.25 1.27 2.11 | 43.55 0.39 0.05 | 40.72 1.27 0.12 |
| HOLTSVILLE_IC_3 23692 | 36.76 1.58 -0.11 | 26.47 1.07 5.33 | 26.50 1.02 4.53 | 26.84 1.10 3.11 | 26.07 0.95 3.70 | 26.67 1.14 6.25 | 42.80 0.85 -1.73 | 44.81 0.73 1.79 | 44.69 1.01 0.13 | 30.34 1.98 10.50 | 40.58 1.90 0.00 | 41.50 2.71 -0.01 | 30.79 1.77 12.26 | 44.34 1.65 0.83 | 46.69 2.12 2.39 | 49.25 2.64 8.46 | 59.71 3.09 16.97 | 75.77 5.46 27.17 | 75.01 5.66 37.44 | 72.53 3.68 16.79 | 60.60 2.03 9.28 | 48.25 1.27 2.11 | 43.55 0.39 0.05 | 40.72 1.27 0.12 |
| HOLTSVILLE_IC_4 23693 | 36.76 1.58 -0.11 | 26.47 1.07 5.33 | 26.50 1.02 4.53 | 26.84 1.10 3.11 | 26.07 0.95 3.70 | 26.67 1.14 6.25 | 42.80 0.85 -1.73 | 44.81 0.73 1.79 | 44.69 1.01 0.13 | 30.34 1.98 10.50 | 40.58 1.90 0.00 | 41.50 2.71 -0.01 | 30.79 1.77 12.26 | 44.34 1.65 0.83 | 46.69 2.12 2.39 | 49.25 2.64 8.46 | 59.71 3.09 16.97 | 75.77 5.46 27.17 | 75.01 5.66 37.44 | 72.53 3.68 16.79 | 60.60 2.03 9.28 | 48.25 1.27 2.11 | 43.55 0.39 0.05 | 40.72 1.27 0.12 |
| HOLTSVILLE_IC_5 23694 | 36.76 1.58 -0.11 | 26.47 1.07 5.33 | 26.50 1.02 4.53 | 26.84 1.10 3.11 | 26.07 0.95 3.70 | 26.67 1.14 6.25 | 42.80 0.85 -1.73 | 44.81 0.73 1.79 | 44.69 1.01 0.13 | 30.34 1.98 10.50 | 40.58 1.90 0.00 | 41.50 2.71 -0.01 | 30.79 1.77 12.26 | 44.34 1.65 0.83 | 46.69 2.12 2.39 | 49.25 2.64 8.46 | 59.71 3.09 16.97 | 75.77 5.46 27.17 | 75.01 5.66 37.44 | 72.53 3.68 16.79 | 60.60 2.03 9.28 | 48.25 1.27 2.11 | 43.55 0.39 0.05 | 40.72 1.27 0.12 |
| HOLTSVILLE_IC_6 23695 | 36.90 1.72 -0.11 | 26.80 1.20 5.12 | 26.80 1.14 4.35 | 27.08 1.21 2.99 | 26.33 1.07 3.56 | 27.05 1.27 6.00 | 43.00 1.04 -1.73 | 45.02 0.87 1.72 | 44.91 1.22 0.12 | 30.94 2.17 10.09 | 40.81 2.13 0.00 | 41.69 2.91 -0.01 | 31.45 1.98 11.80 | 44.63 1.91 0.80 | 47.11 2.44 2.30 | 49.95 3.03 8.14 | 60.86 3.60 16.33 | 77.59 6.05 25.95 | 77.28 6.30 35.81 | 73.76 4.20 16.08 | 61.36 2.44 8.94 | 48.63 1.57 2.03 | 43.76 0.60 0.05 | 40.93 1.47 0.11 |
| HOLTSVILLE_IC_7 23696 | 36.90 1.72 -0.11 | 26.80 1.20 5.12 | 26.80 1.14 4.35 | 27.08 1.21 2.99 | 26.33 1.07 3.56 | 27.05 1.27 6.00 | 43.00 1.04 -1.73 | 45.02 0.87 1.72 | 44.91 1.22 0.12 | 30.94 2.17 10.09 | 40.81 2.13 0.00 | 41.69 2.91 -0.01 | 31.45 1.98 11.80 | 44.63 1.91 0.80 | 47.11 2.44 2.30 | 49.95 3.03 8.14 | 60.86 3.60 16.33 | 77.59 6.05 25.95 | 77.28 6.30 35.81 | 73.76 4.20 16.08 | 61.36 2.44 8.94 | 48.63 1.57 2.03 | 43.76 0.60 0.05 | 40.93 1.47 0.11 |
| HOLTSVILLE_IC_8 23697 | 36.90 1.72 -0.11 | 26.80 1.20 5.12 | 26.80 1.14 4.35 | 27.08 1.21 2.99 | 26.33 1.07 3.56 | 27.05 1.27 6.00 | 43.00 1.04 -1.73 | 45.02 0.87 1.72 | 44.91 1.22 0.12 | 30.94 2.17 10.09 | 40.81 2.13 0.00 | 41.69 2.91 -0.01 | 31.45 1.98 11.80 | 44.63 1.91 0.80 | 47.11 2.44 2.30 | 49.95 3.03 8.14 | 60.86 3.60 16.33 | 77.59 6.05 25.95 | 77.28 6.30 35.81 | 73.76 4.20 16.08 | 61.36 2.44 8.94 | 48.63 1.57 2.03 | 43.76 0.60 0.05 | 40.93 1.47 0.11 |
| HOLTSVILLE_IC_9 23698 | 36.90 1.72 -0.11 | 26.80 1.20 5.12 | 26.80 1.14 4.35 | 27.08 1.21 2.99 | 26.33 1.07 3.56 | 27.05 1.27 6.00 | 43.00 1.04 -1.73 | 45.02 0.87 1.72 | 44.91 1.22 0.12 | 30.94 2.17 10.09 | 40.81 2.13 0.00 | 41.69 2.91 -0.01 | 31.45 1.98 11.80 | 44.63 1.91 0.80 | 47.11 2.44 2.30 | 49.95 3.03 8.14 | 60.86 3.60 16.33 | 77.59 6.05 25.95 | 77.28 6.30 35.81 | 73.76 4.20 16.08 | 61.36 2.44 8.94 | 48.63 1.57 2.03 | 43.76 0.60 0.05 | 40.93 1.47 0.11 |
| HOMER_HL_115KV_TB2 355744 | 32.66 -2.42 0.00 | 29.16 -1.57 0.00 | 28.30 -1.71 0.00 | 27.27 -1.59 0.00 | 27.38 -1.44 0.00 | 29.94 -1.84 0.00 | 37.21 -3.02 0.00 | 42.29 -3.58 0.00 | 40.26 -3.55 0.00 | 36.25 -2.60 0.00 | 36.29 -2.40 0.00 | 36.99 -1.78 0.00 | 38.76 -2.52 0.00 | 40.91 -2.61 0.00 | 44.15 -2.82 0.00 | 50.55 -4.52 0.00 | 61.41 -7.29 4.89 | 83.13 -7.41 6.95 | 98.74 -8.01 0.04 | 79.73 -5.91 0.00 | 61.68 -6.17 0.00 | 44.97 -4.12 0.00 | 39.62 -3.59 0.00 | 37.08 -2.49 0.00 |
| HOWARD_WT_PWR 323690 | 33.78 -1.30 0.00 | 29.96 -0.77 0.00 | 28.99 -1.02 0.00 | 27.90 -0.95 0.00 | 27.98 -0.84 0.00 | 30.76 -1.02 0.00 | 38.54 -1.69 0.00 | 44.08 -1.79 0.00 | 41.18 -2.63 0.00 | 36.72 -2.14 0.00 | 36.95 -1.74 0.00 | 37.61 -1.16 0.00 | 39.50 -1.77 0.00 | 41.65 -1.87 0.00 | 45.04 -1.93 0.00 | 52.92 -2.15 0.00 | 64.11 -3.83 5.64 | 85.54 -4.00 7.95 | 103.21 -3.52 0.06 | 83.24 -2.40 0.00 | 65.34 -2.51 0.00 | 47.57 -1.52 0.00 | 42.43 -0.78 0.00 | 38.82 -0.75 0.00 |
| HQ_GEN_CEDARS 23644 | 35.25 0.18 0.00 | 30.97 0.25 0.00 | 30.16 0.15 0.00 | 28.91 0.06 0.00 | 28.90 0.09 0.00 | 31.97 0.19 0.00 | 40.67 0.44 0.00 | 46.33 0.46 0.00 | 44.25 0.44 0.00 | 39.24 0.39 0.00 | 39.07 0.39 0.00 | 38.89 0.12 0.00 | 41.73 0.45 0.00 | 43.91 0.39 0.00 | 47.20 0.23 0.00 | 55.53 0.28 -0.19 | 74.16 0.00 -0.57 | 96.32 -1.17 0.00 | 105.83 -0.96 0.00 | 85.55 -0.09 0.00 | 68.60 0.75 0.00 | 49.73 0.64 0.00 | 43.94 0.73 0.00 | 40.01 0.44 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 35.25 0.18 0.00 | 30.97 0.24 0.00 | 30.16 0.15 0.00 | 28.91 0.06 0.00 | 28.90 0.09 0.00 | 31.97 0.19 0.00 | 40.67 0.44 0.00 | 48.19 0.46 -1.86 | 42.39 0.44 1.86 | 39.24 0.39 0.00 | 39.43 0.39 -0.36 | 38.53 0.12 0.36 | 41.73 0.45 0.00 | 43.91 0.39 0.00 | 47.15 0.19 0.00 | 55.54 0.28 -0.19 | 74.16 0.00 -0.57 | 96.32 -1.17 0.00 | 105.83 -0.96 0.00 | 85.55 -0.09 0.00 | 68.60 0.75 0.00 | 49.68 0.59 0.00 | 43.81 0.60 0.00 | 40.01 0.44 0.00 |

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| HQ_GEN_IMPORT 323601 | 35.08 0.00 0.00 | 30.76 0.03 0.00 | 30.01 0.00 0.00 | 28.83 -0.03 0.00 | 28.79 -0.03 0.00 | 31.78 0.00 0.00 | 40.30 0.08 0.00 | 47.77 0.05 -1.86 | 42.04 0.09 1.86 | 38.93 0.08 0.00 | 39.12 0.08 -0.36 | 38.19 -0.23 0.36 | 41.36 0.08 0.00 | 43.61 0.09 0.00 | 46.96 0.00 0.00 | 55.06 0.00 0.00 | 76.87 -0.29 -3.58 | 92.64 -1.27 3.58 | 105.51 -1.28 0.00 | 76.87 -0.60 8.17 | 76.16 0.14 -8.17 | 49.24 0.15 0.00 | 43.38 0.17 0.00 | 39.69 0.12 0.00 |
| HQ_GEN_WHEEL 23651 | 35.08 0.00 0.00 | 30.76 0.03 0.00 | 30.01 0.00 0.00 | 28.83 -0.03 0.00 | 28.79 -0.03 0.00 | 31.78 0.00 0.00 | 40.30 0.08 0.00 | 47.77 0.05 -1.86 | 42.04 0.09 1.86 | 38.93 0.08 0.00 | 39.12 0.08 -0.36 | 38.19 -0.23 0.36 | 41.36 0.08 0.00 | 43.61 0.09 0.00 | 46.96 0.00 0.00 | 55.06 0.00 0.00 | 76.87 -0.29 -3.58 | 92.64 -1.27 3.58 | 105.51 -1.28 0.00 | 76.87 -0.60 8.17 | 76.16 0.14 -8.17 | 49.24 0.15 0.00 | 43.38 0.17 0.00 | 39.69 0.12 0.00 |
| HUDSON AVE_GT_3 23810 | 37.50 2.31 -0.11 | 32.42 1.69 0.00 | 31.63 1.62 0.00 | 30.50 1.64 0.00 | 30.43 1.61 0.00 | 33.79 1.81 -0.20 | 44.05 2.09 -1.73 | 50.45 2.57 -2.02 | 46.52 2.72 0.00 | 41.54 2.68 0.00 | 41.59 2.90 0.00 | 42.26 3.49 0.00 | 44.37 3.10 0.00 | 46.78 3.26 0.00 | 50.39 3.43 0.00 | 59.03 3.96 0.00 | 79.47 5.89 0.00 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.77 6.94 -2.19 | 72.26 4.41 0.00 | 51.84 2.75 0.00 | 45.54 2.33 0.00 | 41.87 2.30 0.00 |
| HUDSON AVE_GT_4 23540 | 37.50 2.31 -0.11 | 32.42 1.69 0.00 | 31.63 1.62 0.00 | 30.50 1.64 0.00 | 30.43 1.61 0.00 | 33.79 1.81 -0.20 | 44.05 2.09 -1.73 | 50.45 2.57 -2.02 | 46.52 2.72 0.00 | 41.54 2.68 0.00 | 41.59 2.90 0.00 | 42.26 3.49 0.00 | 44.37 3.10 0.00 | 46.78 3.26 0.00 | 50.39 3.43 0.00 | 59.03 3.96 0.00 | 79.47 5.89 0.00 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.77 6.94 -2.19 | 72.26 4.41 0.00 | 51.84 2.75 0.00 | 45.54 2.33 0.00 | 41.87 2.30 0.00 |
| HUDSON AVE_GT_5 23657 | 37.50 2.31 -0.11 | 32.42 1.69 0.00 | 31.63 1.62 0.00 | 30.50 1.64 0.00 | 30.43 1.61 0.00 | 33.79 1.81 -0.20 | 44.05 2.09 -1.73 | 50.45 2.57 -2.02 | 46.52 2.72 0.00 | 41.54 2.68 0.00 | 41.59 2.90 0.00 | 42.26 3.49 0.00 | 44.37 3.10 0.00 | 46.78 3.26 0.00 | 50.39 3.43 0.00 | 59.03 3.96 0.00 | 79.47 5.89 0.00 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.77 6.94 -2.19 | 72.26 4.41 0.00 | 51.84 2.75 0.00 | 45.54 2.33 0.00 | 41.87 2.30 0.00 |
| HUDSON_AVE_10 24168 | 37.46 2.28 -0.11 | 32.36 1.63 0.00 | 31.60 1.59 0.00 | 30.44 1.59 0.00 | 30.37 1.56 0.00 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.36 2.48 -2.02 | 46.44 2.63 0.00 | 41.50 2.64 0.00 | 41.55 2.86 0.00 | 42.23 3.45 0.00 | 44.29 3.01 0.00 | 46.70 3.18 0.00 | 50.30 3.33 0.00 | 58.92 3.85 0.00 | 79.33 5.74 0.00 | 111.96 8.97 -5.51 | 122.46 9.61 -6.06 | 94.60 6.77 -2.19 | 72.19 4.34 0.00 | 51.74 2.65 0.00 | 45.46 2.25 0.00 | 41.79 2.22 0.00 |
| HUDSON___115KV_TB 4 355613 | 34.49 1.02 1.60 | 31.48 0.77 0.01 | 30.85 0.84 0.00 | 29.72 0.87 0.00 | 29.62 0.81 0.00 | 29.77 1.02 3.02 | 15.88 1.29 25.63 | 17.54 1.56 29.88 | 44.67 0.88 0.01 | 39.28 0.43 0.00 | 39.00 0.31 0.00 | 39.32 0.54 0.00 | 41.57 0.29 0.00 | 43.83 0.30 0.00 | 47.57 0.61 0.00 | 55.89 0.83 0.00 | 74.90 2.35 1.04 | 48.03 4.87 54.33 | 61.48 5.66 50.97 | 70.71 3.51 18.44 | 69.75 1.90 0.00 | 50.37 1.28 0.00 | 44.20 0.99 0.00 | 40.45 0.87 0.00 |
| HUNTER MOUNT___DRP 323613 | 34.89 1.05 1.23 | 31.48 0.77 0.01 | 30.85 0.84 0.00 | 29.72 0.87 0.00 | 29.62 0.81 0.00 | 30.56 1.11 2.33 | 21.86 1.41 19.77 | 24.47 1.65 23.05 | 44.57 0.79 0.02 | 39.09 0.23 0.00 | 38.80 0.12 0.00 | 39.08 0.31 0.00 | 41.32 0.04 0.00 | 43.65 0.13 0.00 | 47.39 0.42 0.00 | 55.73 0.66 0.00 | 74.46 2.43 1.56 | 60.96 5.26 41.79 | 73.73 6.09 39.15 | 75.33 3.85 14.17 | 69.82 1.97 0.00 | 50.42 1.33 0.00 | 44.25 1.04 0.00 | 40.49 0.91 0.00 |
| HUNTINGTON_RES_REC 323705 | 36.94 1.75 -0.11 | 22.16 0.98 9.55 | 22.80 0.90 8.11 | 24.26 0.98 5.58 | 23.02 0.84 6.63 | 21.43 1.02 11.37 | 42.96 1.01 -1.73 | 44.13 0.64 2.38 | 44.64 1.05 0.22 | 21.90 1.86 18.82 | 40.74 2.05 0.00 | 41.30 2.52 -0.01 | 20.92 1.73 22.09 | 43.68 1.65 1.50 | 44.83 2.16 4.30 | 42.52 2.70 15.24 | 46.35 3.31 30.55 | 49.79 5.65 53.35 | 40.38 5.87 72.28 | 57.50 3.86 31.99 | 53.25 2.11 16.71 | 46.61 1.33 3.80 | 43.73 0.60 0.08 | 40.79 1.42 0.21 |
| HUNTLEY___63 23557 | 33.18 -1.89 0.00 | 29.96 -0.77 0.00 | 28.90 -1.11 0.00 | 27.82 -1.04 0.00 | 27.87 -0.95 0.00 | 30.16 -1.62 0.00 | 37.09 -3.14 0.00 | 41.83 -4.04 0.00 | 40.08 -3.72 0.00 | 36.37 -2.49 0.00 | 36.29 -2.40 0.00 | 37.15 -1.63 0.00 | 39.01 -2.27 0.00 | 40.95 -2.57 0.00 | 44.24 -2.72 0.00 | 50.49 -4.57 0.00 | 60.24 -8.46 4.88 | 80.32 -10.24 6.93 | 95.75 -11.00 0.04 | 77.68 -7.96 0.00 | 60.59 -7.26 0.00 | 44.87 -4.22 0.00 | 39.84 -3.37 0.00 | 37.60 -1.98 0.00 |
| HUNTLEY___64 23558 | 33.18 -1.89 0.00 | 29.96 -0.77 0.00 | 28.90 -1.11 0.00 | 27.82 -1.04 0.00 | 27.87 -0.95 0.00 | 30.16 -1.62 0.00 | 37.09 -3.14 0.00 | 41.83 -4.04 0.00 | 40.08 -3.72 0.00 | 36.37 -2.49 0.00 | 36.29 -2.40 0.00 | 37.15 -1.63 0.00 | 39.01 -2.27 0.00 | 40.95 -2.57 0.00 | 44.24 -2.72 0.00 | 50.49 -4.57 0.00 | 60.24 -8.46 4.88 | 80.32 -10.24 6.93 | 95.75 -11.00 0.04 | 77.68 -7.96 0.00 | 60.59 -7.26 0.00 | 44.87 -4.22 0.00 | 39.84 -3.37 0.00 | 37.60 -1.98 0.00 |
| HUNTLEY___65 23559 | 33.18 -1.89 0.00 | 29.96 -0.77 0.00 | 28.90 -1.11 0.00 | 27.82 -1.04 0.00 | 27.87 -0.95 0.00 | 30.16 -1.62 0.00 | 37.09 -3.14 0.00 | 41.83 -4.04 0.00 | 40.08 -3.72 0.00 | 36.37 -2.49 0.00 | 36.29 -2.40 0.00 | 37.15 -1.63 0.00 | 39.01 -2.27 0.00 | 40.95 -2.57 0.00 | 44.24 -2.72 0.00 | 50.49 -4.57 0.00 | 60.24 -8.46 4.88 | 80.32 -10.24 6.93 | 95.75 -11.00 0.04 | 77.68 -7.96 0.00 | 60.59 -7.26 0.00 | 44.87 -4.22 0.00 | 39.84 -3.37 0.00 | 37.60 -1.98 0.00 |
| HUNTLEY___66 23560 | 33.18 -1.89 0.00 | 29.96 -0.77 0.00 | 28.90 -1.11 0.00 | 27.82 -1.04 0.00 | 27.87 -0.95 0.00 | 30.16 -1.62 0.00 | 37.09 -3.14 0.00 | 41.83 -4.04 0.00 | 40.08 -3.72 0.00 | 36.37 -2.49 0.00 | 36.29 -2.40 0.00 | 37.15 -1.63 0.00 | 39.01 -2.27 0.00 | 40.95 -2.57 0.00 | 44.24 -2.72 0.00 | 50.49 -4.57 0.00 | 60.24 -8.46 4.88 | 80.32 -10.24 6.93 | 95.75 -11.00 0.04 | 77.68 -7.96 0.00 | 60.59 -7.26 0.00 | 44.87 -4.22 0.00 | 39.84 -3.37 0.00 | 37.60 -1.98 0.00 |
| HUNTLEY___67 23561 | 33.04 -2.03 0.00 | 29.71 -1.01 0.00 | 28.78 -1.23 0.00 | 27.70 -1.15 0.00 | 27.75 -1.07 0.00 | 30.13 -1.65 0.00 | 37.09 -3.14 0.00 | 41.83 -4.04 0.00 | 40.08 -3.72 0.00 | 36.29 -2.56 0.00 | 36.21 -2.48 0.00 | 37.03 -1.74 0.00 | 38.88 -2.39 0.00 | 40.87 -2.65 0.00 | 44.10 -2.86 0.00 | 50.60 -4.46 0.00 | 60.48 -8.24 4.87 | 80.53 -10.04 6.92 | 96.07 -10.68 0.04 | 77.93 -7.71 0.00 | 60.80 -7.06 0.00 | 44.82 -4.27 0.00 | 39.71 -3.50 0.00 | 37.40 -2.18 0.00 |
| HUNTLEY___68 23562 | 33.04 -2.03 0.00 | 29.71 -1.01 0.00 | 28.78 -1.23 0.00 | 27.70 -1.15 0.00 | 27.75 -1.07 0.00 | 30.13 -1.65 0.00 | 37.09 -3.14 0.00 | 41.83 -4.04 0.00 | 40.08 -3.72 0.00 | 36.29 -2.56 0.00 | 36.21 -2.48 0.00 | 37.03 -1.74 0.00 | 38.88 -2.39 0.00 | 40.87 -2.65 0.00 | 44.10 -2.86 0.00 | 50.60 -4.46 0.00 | 60.48 -8.24 4.87 | 80.53 -10.04 6.92 | 96.07 -10.68 0.04 | 77.93 -7.71 0.00 | 60.80 -7.06 0.00 | 44.82 -4.27 0.00 | 39.71 -3.50 0.00 | 37.40 -2.18 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| HYLAND___LFGE 323620 | 35.63 0.56 0.00 | 31.71 0.98 0.00 | 30.64 0.63 0.00 | 29.43 0.58 0.00 | 29.51 0.69 0.00 | 32.38 0.60 0.00 | 40.95 0.72 0.00 | 46.65 0.78 0.00 | 43.76 -0.04 0.00 | 38.70 -0.15 0.00 | 38.57 -0.12 0.00 | 38.89 0.12 0.00 | 40.74 -0.54 0.00 | 43.00 -0.52 0.00 | 46.68 -0.28 0.00 | 54.85 -0.22 0.00 | 67.30 -0.81 5.48 | 90.34 0.59 7.73 | 109.08 2.35 0.05 | 88.46 2.82 0.00 | 68.73 0.88 0.00 | 50.27 1.18 0.00 | 44.85 1.64 0.00 | 40.68 1.11 0.00 |
| INDECK___CORINTH 23802 | 36.71 0.95 -0.69 | 31.59 0.86 -0.01 | 31.03 1.02 0.00 | 29.89 1.04 0.00 | 29.80 0.98 0.00 | 34.12 1.05 -1.30 | 52.54 1.33 -10.99 | 60.28 1.60 -12.81 | 44.82 1.01 0.00 | 39.32 0.47 0.00 | 38.88 0.19 0.00 | 39.28 0.50 0.00 | 41.57 0.29 0.00 | 43.91 0.39 0.00 | 47.71 0.75 0.00 | 56.22 1.16 0.00 | 76.16 2.57 0.00 | 122.43 4.78 -20.17 | 129.91 5.76 -17.35 | 95.51 3.60 -6.28 | 70.16 2.31 0.00 | 50.61 1.52 0.00 | 44.38 1.17 0.00 | 40.60 1.03 0.00 |
| INDECK___ILION 23567 | 35.64 0.56 0.00 | 31.25 0.52 0.00 | 30.49 0.48 0.00 | 29.32 0.46 0.00 | 29.31 0.49 0.00 | 32.35 0.57 0.00 | 40.95 0.72 0.00 | 46.69 0.83 0.00 | 44.55 0.74 0.00 | 39.48 0.62 0.00 | 39.31 0.62 0.00 | 39.51 0.74 0.00 | 41.94 0.66 0.00 | 44.17 0.65 0.00 | 47.62 0.66 0.00 | 55.95 0.88 0.00 | 74.91 1.32 0.00 | 99.63 2.14 0.00 | 109.14 2.35 0.00 | 87.52 1.88 0.00 | 69.01 1.15 0.00 | 49.92 0.83 0.00 | 43.86 0.65 0.00 | 40.13 0.55 0.00 |
| INDECK___OLEAN 23982 | 32.76 -2.32 0.00 | 29.31 -1.41 0.00 | 28.27 -1.74 0.00 | 27.27 -1.59 0.00 | 27.35 -1.47 0.00 | 29.94 -1.84 0.00 | 37.25 -2.98 0.00 | 42.52 -3.35 0.00 | 40.35 -3.46 0.00 | 36.29 -2.57 0.00 | 36.44 -2.24 0.00 | 37.07 -1.71 0.00 | 38.76 -2.52 0.00 | 40.91 -2.61 0.00 | 44.15 -2.82 0.00 | 50.55 -4.51 0.00 | 61.41 -7.29 4.89 | 83.13 -7.41 6.95 | 98.74 -8.01 0.04 | 79.73 -5.91 0.00 | 61.75 -6.11 0.00 | 44.92 -4.17 0.00 | 40.40 -2.81 0.00 | 37.08 -2.49 0.00 |
| INDECK___OSWEGO 23783 | 34.34 -0.74 0.00 | 30.14 -0.58 0.00 | 29.35 -0.66 0.00 | 28.22 -0.63 0.00 | 28.21 -0.61 0.00 | 31.11 -0.67 0.00 | 39.42 -0.80 0.00 | 44.95 -0.92 0.00 | 42.93 -0.88 0.00 | 38.08 -0.78 0.00 | 37.91 -0.77 0.00 | 38.15 -0.62 0.00 | 40.45 -0.83 0.00 | 42.69 -0.83 0.00 | 46.07 -0.89 0.00 | 54.02 -1.05 0.00 | 72.26 -1.32 0.00 | 96.03 -1.46 0.00 | 105.30 -1.50 0.00 | 84.44 -1.20 0.00 | 66.56 -1.29 0.00 | 48.16 -0.93 0.00 | 42.34 -0.86 0.00 | 38.74 -0.83 0.00 |
| INDECK___YERKES 23781 | 33.36 -1.72 0.00 | 30.05 -0.68 0.00 | 29.02 -0.99 0.00 | 27.99 -0.86 0.00 | 27.89 -0.92 0.00 | 30.22 -1.56 0.00 | 37.17 -3.06 0.00 | 42.20 -3.67 0.00 | 40.26 -3.55 0.00 | 36.45 -2.41 0.00 | 36.56 -2.13 0.00 | 37.22 -1.55 0.00 | 39.05 -2.23 0.00 | 41.00 -2.53 0.00 | 44.29 -2.68 0.00 | 50.49 -4.57 0.00 | 60.32 -8.39 4.88 | 80.41 -10.14 6.93 | 95.76 -11.00 0.04 | 77.68 -7.96 0.00 | 60.59 -7.26 0.00 | 44.87 -4.22 0.00 | 41.09 -2.12 0.00 | 37.64 -1.94 0.00 |
| INDIAN POINT_GT_1 24139 | 37.04 1.86 -0.10 | 32.08 1.35 0.00 | 31.33 1.32 0.00 | 30.21 1.36 0.00 | 30.14 1.33 0.00 | 33.47 1.49 -0.20 | 43.63 1.73 -1.68 | 49.98 2.16 -1.96 | 46.04 2.23 0.00 | 41.03 2.18 0.00 | 41.08 2.40 0.00 | 41.68 2.91 0.00 | 43.79 2.52 0.00 | 46.22 2.70 0.00 | 49.78 2.82 0.00 | 58.37 3.30 0.00 | 78.52 4.93 0.00 | 110.84 7.99 -5.36 | 121.34 8.65 -5.90 | 93.86 6.08 -2.14 | 71.52 3.66 0.00 | 51.40 2.31 0.00 | 45.11 1.90 0.00 | 41.44 1.86 0.00 |
| INDIAN POINT_GT_2 23659 | 37.04 1.86 -0.10 | 32.08 1.35 0.00 | 31.33 1.32 0.00 | 30.21 1.36 0.00 | 30.14 1.33 0.00 | 33.47 1.49 -0.20 | 43.63 1.73 -1.68 | 49.98 2.16 -1.96 | 46.04 2.23 0.00 | 41.03 2.18 0.00 | 41.08 2.40 0.00 | 41.68 2.91 0.00 | 43.79 2.52 0.00 | 46.22 2.70 0.00 | 49.78 2.82 0.00 | 58.37 3.30 0.00 | 78.52 4.93 0.00 | 110.84 7.99 -5.36 | 121.34 8.65 -5.90 | 93.86 6.08 -2.14 | 71.52 3.66 0.00 | 51.40 2.31 0.00 | 45.11 1.90 0.00 | 41.44 1.86 0.00 |
| INDIAN POINT_GT_3 24019 | 37.04 1.86 -0.10 | 32.08 1.35 0.00 | 31.33 1.32 0.00 | 30.21 1.36 0.00 | 30.14 1.33 0.00 | 33.47 1.49 -0.20 | 43.63 1.73 -1.68 | 49.98 2.16 -1.96 | 46.04 2.23 0.00 | 41.03 2.18 0.00 | 41.08 2.40 0.00 | 41.68 2.91 0.00 | 43.79 2.52 0.00 | 46.22 2.70 0.00 | 49.78 2.82 0.00 | 58.37 3.30 0.00 | 78.52 4.93 0.00 | 110.84 7.99 -5.36 | 121.34 8.65 -5.90 | 93.86 6.08 -2.14 | 71.52 3.66 0.00 | 51.40 2.31 0.00 | 45.11 1.90 0.00 | 41.44 1.86 0.00 |
| INDIAN POINT___2 23530 | 36.96 1.79 -0.10 | 32.02 1.29 0.00 | 31.27 1.26 0.00 | 30.16 1.30 0.00 | 30.08 1.27 0.00 | 33.40 1.43 -0.19 | 43.52 1.69 -1.61 | 49.81 2.07 -1.87 | 45.95 2.15 0.00 | 40.99 2.14 0.00 | 40.97 2.28 0.00 | 41.60 2.83 0.00 | 43.75 2.48 0.00 | 46.13 2.61 0.00 | 49.73 2.77 0.00 | 58.31 3.25 0.00 | 78.44 4.86 0.00 | 110.44 7.80 -5.15 | 121.02 8.55 -5.68 | 93.69 5.99 -2.06 | 71.51 3.66 0.00 | 51.40 2.31 0.00 | 44.94 1.73 0.00 | 41.40 1.82 0.00 |
| INDIAN POINT___3 23531 | 37.00 1.82 -0.11 | 32.05 1.32 0.00 | 31.30 1.29 0.00 | 30.18 1.33 0.00 | 30.11 1.30 0.00 | 33.44 1.46 -0.20 | 43.59 1.69 -1.68 | 49.94 2.11 -1.96 | 46.00 2.19 0.00 | 40.99 2.14 0.00 | 41.01 2.32 0.00 | 41.61 2.83 0.00 | 43.75 2.48 0.00 | 46.13 2.61 0.00 | 49.73 2.77 0.00 | 58.26 3.19 0.00 | 78.44 4.86 0.00 | 110.65 7.80 -5.37 | 121.24 8.54 -5.91 | 93.69 5.91 -2.14 | 71.45 3.60 0.00 | 51.35 2.26 0.00 | 45.07 1.86 0.00 | 41.40 1.82 0.00 |
| INGHAM_C_115KV_TB7 356103 | 36.20 1.12 0.00 | 31.74 1.01 0.00 | 30.97 0.96 0.00 | 29.78 0.92 0.00 | 29.77 0.95 0.00 | 32.89 1.11 0.00 | 41.59 1.37 0.00 | 47.43 1.56 0.00 | 45.25 1.45 0.00 | 40.10 1.24 0.00 | 39.92 1.24 0.00 | 40.17 1.40 0.00 | 42.60 1.32 0.00 | 44.83 1.31 0.00 | 48.28 1.31 0.00 | 56.77 1.71 0.00 | 75.94 2.35 0.00 | 101.00 3.51 0.00 | 110.74 3.95 0.00 | 88.81 3.17 0.00 | 70.09 2.24 0.00 | 50.66 1.57 0.00 | 44.50 1.30 0.00 | 40.68 1.11 0.00 |
| IP CORINTH___1 23988 | 36.92 1.16 -0.69 | 31.78 1.04 -0.01 | 31.18 1.17 0.00 | 30.04 1.18 0.00 | 29.94 1.12 0.00 | 34.28 1.21 -1.30 | 52.78 1.57 -10.99 | 60.56 1.88 -12.81 | 45.08 1.27 0.00 | 39.55 0.70 0.00 | 39.15 0.46 0.00 | 39.51 0.74 0.00 | 41.81 0.54 0.00 | 44.13 0.61 0.00 | 47.95 0.99 0.00 | 56.50 1.43 0.00 | 76.53 2.94 0.00 | 122.92 5.26 -20.17 | 130.44 6.30 -17.35 | 95.94 4.03 -6.28 | 70.50 2.65 0.00 | 50.86 1.77 0.00 | 44.63 1.43 0.00 | 40.80 1.23 0.00 |
| IP___TICONDEROGA 23804 | 38.21 2.42 -0.71 | 32.94 2.21 -0.01 | 32.32 2.31 0.00 | 31.16 2.31 0.00 | 31.04 2.22 0.00 | 35.61 2.48 -1.35 | 54.87 3.22 -11.43 | 63.05 3.85 -13.33 | 46.48 2.67 0.00 | 40.64 1.79 0.00 | 40.08 1.39 0.00 | 40.52 1.74 0.00 | 42.80 1.53 0.00 | 45.26 1.74 0.00 | 49.31 2.35 0.00 | 58.26 3.19 0.00 | 79.33 5.74 0.00 | 127.97 9.46 -21.02 | 136.44 11.53 -18.11 | 100.07 7.88 -6.55 | 73.48 5.63 0.00 | 52.92 3.83 0.00 | 46.45 3.24 0.00 | 42.39 2.81 0.00 |
| ISLIP_RES_REC 323679 | 37.04 1.86 -0.11 | 27.49 1.32 4.56 | 27.40 1.26 3.87 | 27.52 1.33 2.66 | 26.83 1.18 3.17 | 27.86 1.40 5.32 | 43.16 1.21 -1.73 | 45.31 1.06 1.61 | 45.10 1.40 0.11 | 32.20 2.33 8.98 | 41.01 2.32 0.00 | 41.96 3.18 -0.01 | 33.02 2.27 10.52 | 44.98 2.18 0.71 | 47.69 2.77 2.05 | 51.28 3.47 7.26 | 63.15 4.12 14.56 | 81.68 6.72 22.53 | 82.58 7.05 31.26 | 76.34 4.79 14.09 | 62.74 2.85 7.96 | 49.14 1.86 1.81 | 43.98 0.82 0.04 | 41.14 1.66 0.10 |

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| JAMAICA__27_KV_LOAD 355505 | 37.71 2.53 -0.11 | 32.60 1.87 0.00 | 31.78 1.77 0.00 | 30.62 1.76 0.00 | 30.55 1.73 0.00 | 33.99 2.00 -0.20 | 44.21 2.25 -1.73 | 50.73 2.84 -2.02 | 46.83 3.02 0.00 | 41.89 3.03 0.00 | 41.86 3.17 0.00 | 42.54 3.76 0.00 | 44.58 3.30 0.00 | 47.05 3.53 0.00 | 50.67 3.71 0.00 | 59.41 4.35 0.00 | 79.99 6.40 0.00 | 112.94 9.94 -5.51 | 123.53 10.68 -6.06 | 95.45 7.62 -2.19 | 72.81 4.95 0.00 | 52.13 3.04 0.00 | 45.80 2.59 0.00 | 42.19 2.61 0.00 |
| JANIS__SOLAR 323808 | 36.06 0.98 0.00 | 31.83 1.10 0.00 | 30.91 0.90 0.00 | 29.64 0.78 0.00 | 29.77 0.95 0.00 | 32.99 1.21 0.00 | 41.83 1.61 0.00 | 47.93 2.07 0.00 | 45.43 1.62 0.00 | 39.86 1.01 0.00 | 39.46 0.77 0.00 | 39.82 1.05 0.00 | 42.14 0.87 0.00 | 44.48 0.96 0.00 | 48.09 1.13 0.00 | 56.88 1.81 0.00 | 84.72 3.02 -8.12 | 113.69 5.75 -10.45 | 113.82 6.94 -0.09 | 91.72 6.08 0.00 | 71.72 3.87 0.00 | 51.64 2.55 0.00 | 45.37 2.16 0.00 | 41.36 1.78 0.00 |
| JARVIS____ 23743 | 35.22 0.14 0.00 | 30.85 0.12 0.00 | 30.13 0.12 0.00 | 28.97 0.12 0.00 | 28.93 0.12 0.00 | 31.91 0.13 0.00 | 40.39 0.16 0.00 | 46.05 0.18 0.00 | 43.98 0.18 0.00 | 38.97 0.12 0.00 | 38.80 0.12 0.00 | 39.01 0.23 0.00 | 41.40 0.12 0.00 | 43.65 0.13 0.00 | 47.11 0.14 0.00 | 55.29 0.22 0.00 | 74.11 0.52 0.00 | 98.46 0.97 0.00 | 107.86 1.07 0.00 | 86.32 0.68 0.00 | 68.12 0.27 0.00 | 49.29 0.20 0.00 | 43.34 0.13 0.00 | 39.69 0.12 0.00 |
| JENNISON____1 23625 | 37.00 1.93 0.00 | 32.66 1.94 0.00 | 31.78 1.77 0.00 | 30.41 1.56 0.00 | 30.63 1.82 0.00 | 34.07 2.29 0.00 | 43.24 3.02 0.00 | 49.63 3.76 0.00 | 47.05 3.24 0.00 | 41.26 2.41 0.00 | 40.70 2.01 0.00 | 41.26 2.48 0.00 | 43.67 2.39 0.00 | 45.96 2.44 0.00 | 49.55 2.58 0.00 | 58.81 3.74 0.00 | 83.35 5.89 -3.88 | 112.62 10.24 -4.90 | 118.37 11.53 -0.04 | 95.66 10.02 0.00 | 74.50 6.65 0.00 | 53.26 4.17 0.00 | 46.49 3.28 0.00 | 42.43 2.85 0.00 |
| JENNISON____2 23626 | 37.00 1.93 0.00 | 32.66 1.94 0.00 | 31.78 1.77 0.00 | 30.41 1.56 0.00 | 30.63 1.82 0.00 | 34.07 2.29 0.00 | 43.24 3.02 0.00 | 49.63 3.76 0.00 | 47.05 3.24 0.00 | 41.26 2.41 0.00 | 40.70 2.01 0.00 | 41.26 2.48 0.00 | 43.67 2.39 0.00 | 45.96 2.44 0.00 | 49.55 2.58 0.00 | 58.81 3.74 0.00 | 83.35 5.89 -3.88 | 112.62 10.24 -4.90 | 118.37 11.53 -0.04 | 95.66 10.02 0.00 | 74.50 6.65 0.00 | 53.26 4.17 0.00 | 46.49 3.28 0.00 | 42.43 2.85 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 34.58 -0.49 0.00 | 30.42 -0.31 0.00 | 29.59 -0.42 0.00 | 28.34 -0.52 0.00 | 28.30 -0.52 0.00 | 31.30 -0.48 0.00 | 39.90 -0.32 0.00 | 45.32 -0.55 0.00 | 43.28 -0.52 0.00 | 38.54 -0.31 0.00 | 38.46 -0.23 0.00 | 38.27 -0.51 0.00 | 40.78 -0.49 0.00 | 42.74 -0.78 0.00 | 45.37 -1.60 0.00 | 46.14 -1.98 6.94 | 50.18 -2.87 20.54 | 92.61 -4.87 0.00 | 101.99 -4.80 0.00 | 82.56 -3.08 0.00 | 66.50 -1.36 0.00 | 48.45 -0.64 0.00 | 43.34 0.13 0.00 | 39.89 0.32 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 37.25 2.07 -0.11 | 32.26 1.54 0.00 | 31.51 1.50 0.00 | 30.39 1.53 0.00 | 30.32 1.50 0.00 | 33.64 1.65 -0.21 | 43.95 1.97 -1.76 | 50.35 2.43 -2.05 | 46.35 2.54 0.00 | 41.26 2.41 0.00 | 41.32 2.63 0.00 | 41.95 3.18 0.00 | 44.12 2.85 0.00 | 46.52 3.00 0.00 | 50.06 3.10 0.00 | 58.70 3.63 0.00 | 78.96 5.37 0.00 | 111.66 8.58 -5.60 | 122.24 9.29 -6.16 | 94.38 6.51 -2.23 | 71.86 4.00 0.00 | 51.69 2.60 0.00 | 45.33 2.12 0.00 | 41.63 2.06 0.00 |
| KCE_NY_1 323755 | 37.34 1.51 -0.75 | 32.02 1.29 -0.01 | 31.36 1.35 0.00 | 30.21 1.36 0.00 | 30.14 1.33 0.00 | 34.66 1.46 -1.42 | 54.09 1.81 -12.05 | 62.08 2.16 -14.05 | 45.47 1.66 0.00 | 40.02 1.16 0.00 | 39.65 0.97 0.00 | 40.05 1.28 0.00 | 42.35 1.07 0.00 | 44.65 1.13 0.00 | 48.47 1.50 0.00 | 57.04 1.98 0.00 | 77.05 3.46 0.00 | 125.56 5.85 -22.23 | 132.70 6.73 -19.18 | 97.12 4.54 -6.94 | 70.91 3.06 0.00 | 51.20 2.11 0.00 | 44.94 1.73 0.00 | 41.12 1.54 0.00 |
| KCE_NY_6_ESR 323823 | 33.39 -1.68 0.00 | 29.99 -0.74 0.00 | 28.84 -1.17 0.00 | 27.82 -1.04 0.00 | 27.87 -0.95 0.00 | 30.29 -1.49 0.00 | 37.41 -2.82 0.00 | 42.52 -3.35 0.00 | 40.52 -3.29 0.00 | 36.60 -2.25 0.00 | 36.75 -1.93 0.00 | 37.42 -1.36 0.00 | 39.21 -2.06 0.00 | 41.21 -2.31 0.00 | 44.52 -2.44 0.00 | 51.05 -4.02 0.00 | 61.25 -7.43 4.91 | 81.94 -8.58 6.97 | 97.57 -9.18 0.04 | 79.05 -6.59 0.00 | 61.61 -6.24 0.00 | 45.26 -3.83 0.00 | 41.22 -1.99 0.00 | 37.72 -1.86 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 36.83 1.65 -0.11 | 26.15 1.10 5.68 | 26.23 1.05 4.83 | 26.63 1.10 3.32 | 25.85 0.98 3.95 | 26.27 1.18 6.68 | 42.88 0.93 -1.73 | 44.83 0.78 1.82 | 44.72 1.05 0.13 | 29.68 2.02 11.20 | 40.70 2.01 0.00 | 41.54 2.75 -0.01 | 30.04 1.86 13.10 | 44.37 1.74 0.89 | 46.58 2.16 2.55 | 48.73 2.70 9.04 | 58.63 3.16 18.12 | 73.06 4.97 29.40 | 71.51 5.13 40.40 | 70.73 3.17 18.08 | 59.77 1.83 9.91 | 48.11 1.27 2.26 | 43.63 0.48 0.05 | 40.80 1.35 0.13 |
| KEDC PORT_JEFF_GT3 24211 | 36.83 1.65 -0.11 | 26.15 1.10 5.68 | 26.23 1.05 4.83 | 26.63 1.10 3.32 | 25.85 0.98 3.95 | 26.27 1.18 6.68 | 42.88 0.93 -1.73 | 44.83 0.78 1.82 | 44.72 1.05 0.13 | 29.68 2.02 11.20 | 40.70 2.01 0.00 | 41.54 2.75 -0.01 | 30.04 1.86 13.10 | 44.37 1.74 0.89 | 46.58 2.16 2.55 | 48.73 2.70 9.04 | 58.63 3.16 18.12 | 73.06 4.97 29.40 | 71.51 5.13 40.40 | 70.73 3.17 18.08 | 59.77 1.83 9.91 | 48.11 1.27 2.26 | 43.63 0.48 0.05 | 40.80 1.35 0.13 |
| KEDC_GLWD_GT4 24219 | 37.32 2.14 -0.11 | 32.23 1.51 0.00 | 31.45 1.44 0.00 | 30.33 1.47 0.00 | 30.20 1.38 0.00 | 33.57 1.59 -0.20 | 43.72 1.77 -1.73 | 48.97 2.07 -1.04 | 46.04 2.23 0.00 | 41.30 2.45 0.00 | 41.39 2.71 0.00 | 42.13 3.34 -0.02 | 44.12 2.85 0.00 | 46.13 2.61 0.00 | 49.97 3.01 0.00 | 58.59 3.53 0.00 | 78.44 4.86 0.00 | 110.80 7.80 -5.51 | 121.19 8.34 -6.06 | 93.57 5.74 -2.19 | 71.31 3.46 0.00 | 51.35 2.26 0.00 | 44.72 1.51 0.00 | 41.63 2.06 0.00 |
| KEDC_GLWD_GT5 24220 | 37.32 2.14 -0.11 | 32.23 1.51 0.00 | 31.45 1.44 0.00 | 30.33 1.47 0.00 | 30.20 1.38 0.00 | 33.57 1.59 -0.20 | 43.72 1.77 -1.73 | 48.97 2.07 -1.04 | 46.04 2.23 0.00 | 41.30 2.45 0.00 | 41.39 2.71 0.00 | 42.13 3.34 -0.02 | 44.12 2.85 0.00 | 46.13 2.61 0.00 | 49.97 3.01 0.00 | 58.59 3.53 0.00 | 78.44 4.86 0.00 | 110.80 7.80 -5.51 | 121.19 8.34 -6.06 | 93.57 5.74 -2.19 | 71.31 3.46 0.00 | 51.35 2.26 0.00 | 44.72 1.51 0.00 | 41.63 2.06 0.00 |
| KENSICO____ 23655 | 37.18 2.00 -0.11 | 32.17 1.44 0.00 | 31.42 1.41 0.00 | 30.30 1.44 0.00 | 30.23 1.41 0.00 | 33.57 1.59 -0.20 | 43.79 1.85 -1.72 | 50.12 2.25 -2.00 | 46.17 2.37 0.00 | 41.19 2.33 0.00 | 41.20 2.51 0.00 | 41.84 3.06 0.00 | 43.96 2.68 0.00 | 46.35 2.83 0.00 | 49.97 3.01 0.00 | 58.53 3.47 0.00 | 78.74 5.15 0.00 | 111.24 8.29 -5.47 | 121.78 8.97 -6.02 | 94.07 6.25 -2.18 | 71.72 3.87 0.00 | 51.54 2.45 0.00 | 45.24 2.03 0.00 | 41.55 1.98 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 37.14 2.07 0.00 | 32.26 1.54 0.00 | 31.51 1.50 0.00 | 30.39 1.53 0.00 | 30.35 1.53 0.00 | 33.50 1.72 0.00 | 42.28 2.05 0.00 | 48.34 2.48 0.00 | 46.30 2.50 0.00 | 41.11 2.25 0.00 | 41.12 2.44 0.00 | 41.68 2.91 0.00 | 43.88 2.60 0.00 | 46.35 2.83 0.00 | 50.02 3.05 0.00 | 58.70 3.63 0.00 | 79.14 5.74 0.19 | 106.85 9.36 0.00 | 117.26 10.47 0.00 | 93.18 7.54 0.00 | 72.67 4.82 0.00 | 52.18 3.09 0.00 | 45.71 2.51 0.00 | 41.95 2.37 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| KIAC_JFK_GT1 23816 | 37.53 2.35 -0.11 | 32.42 1.69 0.00 | 31.63 1.62 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.79 1.81 -0.20 | 43.85 1.89 -1.73 | 50.32 2.43 -2.02 | 46.44 2.63 0.00 | 41.69 2.84 0.00 | 41.67 2.98 0.00 | 42.30 3.53 0.00 | 44.21 2.93 0.00 | 46.61 3.09 0.00 | 50.20 3.24 0.00 | 58.86 3.80 0.00 | 79.25 5.67 0.00 | 111.96 8.97 -5.51 | 122.46 9.61 -6.06 | 94.60 6.77 -2.19 | 72.19 4.34 0.00 | 51.64 2.55 0.00 | 45.37 2.16 0.00 | 41.95 2.37 0.00 |
| KIAC_JFK_GT2 23817 | 37.53 2.35 -0.11 | 32.42 1.69 0.00 | 31.63 1.62 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.79 1.81 -0.20 | 43.85 1.89 -1.73 | 50.32 2.43 -2.02 | 46.44 2.63 0.00 | 41.69 2.84 0.00 | 41.67 2.98 0.00 | 42.30 3.53 0.00 | 44.21 2.93 0.00 | 46.61 3.09 0.00 | 50.20 3.24 0.00 | 58.86 3.80 0.00 | 79.25 5.67 0.00 | 111.96 8.97 -5.51 | 122.46 9.61 -6.06 | 94.60 6.77 -2.19 | 72.19 4.34 0.00 | 51.64 2.55 0.00 | 45.37 2.16 0.00 | 41.95 2.37 0.00 |
| KIAC_JFK____ 323774 | 37.50 2.31 -0.11 | 32.42 1.69 0.00 | 31.63 1.62 0.00 | 30.47 1.61 0.00 | 30.40 1.58 0.00 | 33.79 1.81 -0.20 | 43.85 1.89 -1.73 | 50.27 2.38 -2.02 | 46.39 2.58 0.00 | 41.69 2.83 0.00 | 41.59 2.90 0.00 | 42.30 3.53 0.00 | 44.21 2.93 0.00 | 46.61 3.09 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.25 5.67 0.00 | 111.96 8.96 -5.51 | 122.47 9.62 -6.06 | 94.60 6.76 -2.19 | 72.20 4.35 0.00 | 51.69 2.60 0.00 | 45.24 2.03 0.00 | 41.91 2.33 0.00 |
| KINTIGH__24_KV_GSU 356498 | 33.39 -1.68 0.00 | 29.99 -0.74 0.00 | 28.93 -1.08 0.00 | 27.90 -0.95 0.00 | 27.89 -0.92 0.00 | 30.29 -1.49 0.00 | 37.45 -2.77 0.00 | 42.52 -3.35 0.00 | 40.57 -3.24 0.00 | 36.64 -2.21 0.00 | 36.75 -1.93 0.00 | 37.34 -1.43 0.00 | 39.21 -2.06 0.00 | 41.13 -2.39 0.00 | 44.38 -2.58 0.00 | 51.16 -3.91 0.00 | 61.35 -7.43 4.80 | 81.01 -9.65 6.83 | 96.83 -9.93 0.03 | 78.45 -7.19 0.00 | 61.40 -6.45 0.00 | 45.21 -3.88 0.00 | 41.14 -2.07 0.00 | 37.56 -2.02 0.00 |
| KINTIGH____ 23543 | 33.25 -1.82 0.00 | 29.87 -0.86 0.00 | 28.90 -1.11 0.00 | 27.82 -1.04 0.00 | 27.90 -0.92 0.00 | 30.29 -1.49 0.00 | 37.41 -2.82 0.00 | 42.24 -3.62 0.00 | 40.48 -3.33 0.00 | 36.60 -2.25 0.00 | 36.48 -2.21 0.00 | 37.26 -1.51 0.00 | 39.21 -2.06 0.00 | 41.13 -2.39 0.00 | 44.38 -2.58 0.00 | 51.16 -3.91 0.00 | 61.28 -7.51 4.80 | 81.01 -9.65 6.83 | 96.83 -9.93 0.03 | 78.45 -7.19 0.00 | 61.41 -6.45 0.00 | 45.21 -3.88 0.00 | 40.05 -3.15 0.00 | 37.56 -2.02 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 34.90 -0.18 0.00 | 30.76 0.03 0.00 | 29.86 -0.15 0.00 | 28.57 -0.29 0.00 | 28.56 -0.26 0.00 | 31.62 -0.16 0.00 | 40.42 0.20 0.00 | 45.91 0.05 0.00 | 43.81 0.00 0.00 | 39.05 0.19 0.00 | 38.96 0.27 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.09 -0.44 0.00 | 45.51 -1.46 0.00 | 45.99 -2.42 6.65 | 50.37 -3.53 19.68 | 91.64 -5.85 0.00 | 101.24 -5.55 0.00 | 82.13 -3.51 0.00 | 66.09 -1.76 0.00 | 48.80 -0.29 0.00 | 44.55 1.34 0.00 | 40.41 0.83 0.00 |
| LACHUTE____HYDRO 323717 | 38.21 2.42 -0.71 | 32.95 2.21 -0.01 | 32.32 2.31 0.00 | 31.17 2.31 0.00 | 31.04 2.22 0.00 | 35.61 2.48 -1.35 | 54.87 3.22 -11.43 | 63.05 3.85 -13.33 | 46.48 2.67 0.00 | 40.64 1.79 0.00 | 40.04 1.35 0.00 | 40.52 1.75 0.00 | 42.80 1.53 0.00 | 45.26 1.74 0.00 | 49.31 2.35 0.00 | 58.26 3.19 0.00 | 79.33 5.74 0.00 | 127.96 9.45 -21.02 | 136.44 11.54 -18.11 | 100.07 7.87 -6.55 | 73.48 5.63 0.00 | 52.97 3.88 0.00 | 46.45 3.24 0.00 | 42.39 2.81 0.00 |
| LAWRNCALV_115KV_TB1 80681 | 35.46 0.39 0.00 | 31.19 0.46 0.00 | 30.25 0.24 0.00 | 28.97 0.12 0.00 | 29.02 0.20 0.00 | 32.16 0.38 0.00 | 40.99 0.76 0.00 | 46.69 0.83 0.00 | 44.51 0.70 0.00 | 39.40 0.54 0.00 | 39.19 0.50 0.00 | 39.01 0.23 0.00 | 41.81 0.54 0.00 | 43.96 0.44 0.00 | 47.15 0.19 0.00 | 56.20 0.22 -0.92 | 76.31 0.00 -2.72 | 96.32 -1.17 0.00 | 105.83 -0.96 0.00 | 85.73 0.09 0.00 | 68.73 0.88 0.00 | 50.07 0.98 0.00 | 44.33 1.12 0.00 | 40.29 0.71 0.00 |
| LEDERLE____ 23769 | 37.07 1.89 -0.10 | 32.11 1.38 0.00 | 31.36 1.35 0.00 | 30.24 1.39 0.00 | 30.17 1.35 0.00 | 33.52 1.56 -0.18 | 43.63 1.85 -1.55 | 49.97 2.29 -1.81 | 46.13 2.32 0.00 | 41.11 2.25 0.00 | 41.16 2.48 0.00 | 41.76 2.99 0.00 | 43.88 2.60 0.00 | 46.31 2.79 0.00 | 49.97 3.01 0.00 | 58.53 3.47 0.00 | 78.89 5.30 0.00 | 110.97 8.48 -5.01 | 121.61 9.29 -5.53 | 94.23 6.59 -2.00 | 71.92 4.07 0.00 | 51.64 2.55 0.00 | 45.28 2.07 0.00 | 41.59 2.02 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 34.97 -0.11 0.00 | 30.73 0.00 0.00 | 29.83 -0.18 0.00 | 28.63 -0.23 0.00 | 28.70 -0.12 0.00 | 31.72 -0.06 0.00 | 40.26 0.04 0.00 | 45.96 0.09 0.00 | 43.81 0.00 0.00 | 38.74 -0.12 0.00 | 38.45 -0.23 0.00 | 38.70 -0.08 0.00 | 41.07 -0.21 0.00 | 43.30 -0.22 0.00 | 46.63 -0.33 0.00 | 54.79 -0.28 0.00 | 73.29 -0.29 0.00 | 97.58 0.10 0.00 | 107.22 0.43 0.00 | 86.24 0.60 0.00 | 67.99 0.14 0.00 | 49.29 0.20 0.00 | 43.21 0.00 0.00 | 39.50 -0.08 0.00 |
| LINDEN COGEN____ 23786 | 37.25 2.07 -0.11 | 32.20 1.47 0.00 | 31.45 1.44 0.00 | 30.30 1.44 0.00 | 30.23 1.41 0.00 | 33.54 1.56 -0.20 | 43.68 1.73 -1.72 | 50.04 2.16 -2.02 | 46.12 2.32 0.01 | 41.22 2.37 0.01 | 41.19 2.51 0.01 | 41.91 3.14 0.01 | 43.99 2.72 0.01 | 46.39 2.87 0.00 | 49.97 3.01 0.00 | 58.54 3.47 0.00 | 78.81 5.23 0.00 | 111.28 8.28 -5.51 | 121.71 8.86 -6.06 | 94.00 6.17 -2.19 | 71.65 3.80 0.00 | 51.45 2.36 0.00 | 44.97 1.77 0.01 | 41.51 1.94 0.00 |
| LINDHRST_69_KV_BK1 356055 | 37.53 2.35 -0.11 | 32.11 1.72 0.34 | 31.34 1.62 0.29 | 30.33 1.67 0.20 | 30.11 1.53 0.24 | 33.35 1.78 0.21 | 43.85 1.89 -1.73 | 47.21 1.79 0.45 | 45.94 2.15 0.01 | 40.94 2.76 0.67 | 41.82 3.13 0.00 | 42.43 3.64 -0.01 | 43.39 2.93 0.82 | 46.42 2.96 0.06 | 50.42 3.62 0.16 | 59.02 4.52 0.56 | 77.89 5.45 1.14 | 109.29 8.48 -3.33 | 119.13 9.18 -3.15 | 93.07 6.51 -0.92 | 71.37 4.14 0.63 | 51.80 2.85 0.14 | 45.14 1.94 0.01 | 41.82 2.26 0.01 |
| LIPA_MISC_IPP 23656 | 36.62 1.44 -0.11 | 26.37 0.95 5.31 | 26.37 0.87 4.51 | 26.71 0.95 3.10 | 25.96 0.84 3.69 | 26.53 0.99 6.23 | 42.72 0.76 -1.73 | 44.68 0.60 1.78 | 44.47 0.79 0.12 | 30.21 1.83 10.47 | 40.74 2.05 0.00 | 41.27 2.48 -0.01 | 30.61 1.57 12.23 | 44.13 1.44 0.83 | 46.51 1.93 2.38 | 49.10 2.48 8.44 | 59.61 2.94 16.92 | 75.66 5.26 27.09 | 75.12 5.66 37.33 | 72.58 3.68 16.74 | 60.56 1.97 9.26 | 48.06 1.08 2.11 | 43.59 0.43 0.05 | 40.61 1.15 0.12 |
| LISF____SOLAR 323691 | 36.66 1.47 -0.11 | 26.41 0.95 5.27 | 26.43 0.90 4.48 | 26.76 0.98 3.08 | 25.99 0.84 3.66 | 26.61 1.02 6.19 | 42.68 0.72 -1.73 | 44.65 0.55 1.77 | 44.51 0.83 0.12 | 30.29 1.83 10.39 | 40.47 1.78 0.00 | 41.34 2.56 -0.01 | 30.74 1.61 12.15 | 44.18 1.48 0.82 | 46.57 1.97 2.36 | 49.22 2.53 8.38 | 59.80 3.02 16.80 | 76.18 5.55 26.86 | 75.53 5.76 37.02 | 72.79 3.76 16.61 | 60.69 2.03 9.19 | 48.17 1.18 2.09 | 43.42 0.26 0.05 | 40.61 1.15 0.12 |
| LITTLE FALLS____HYD 24013 | 36.20 1.12 0.00 | 31.74 1.01 0.00 | 30.97 0.96 0.00 | 29.78 0.92 0.00 | 29.77 0.95 0.00 | 32.89 1.11 0.00 | 41.59 1.37 0.00 | 47.43 1.56 0.00 | 45.25 1.45 0.00 | 40.10 1.24 0.00 | 39.92 1.24 0.00 | 40.17 1.40 0.00 | 42.60 1.32 0.00 | 44.83 1.31 0.00 | 48.28 1.31 0.00 | 56.77 1.71 0.00 | 75.94 2.35 0.00 | 101.00 3.51 0.00 | 110.74 3.95 0.00 | 88.81 3.17 0.00 | 70.09 2.24 0.00 | 50.66 1.57 0.00 | 44.50 1.30 0.00 | 40.68 1.11 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 35.78 0.70 0.00 | 31.53 0.80 0.00 | 30.55 0.54 0.00 | 29.20 0.35 0.00 | 29.31 0.49 0.00 | 32.54 0.76 0.00 | 41.51 1.29 0.00 | 47.24 1.38 0.00 | 44.95 1.14 0.00 | 39.67 0.82 0.00 | 39.42 0.74 0.00 | 39.20 0.43 0.00 | 42.06 0.78 0.00 | 44.22 0.70 0.00 | 47.39 0.42 0.00 | 56.71 0.61 -1.04 | 77.27 0.59 -3.09 | 97.19 -0.29 0.00 | 107.00 0.21 0.00 | 87.01 1.37 0.00 | 69.68 1.83 0.00 | 50.71 1.62 0.00 | 44.85 1.64 0.00 | 40.68 1.11 0.00 |
| LI_NEWBRDGE___DRP 323616 | 36.94 1.75 -0.11 | 31.83 1.11 0.00 | 31.06 1.05 0.00 | 29.95 1.10 0.00 | 29.80 0.98 0.00 | 33.13 1.14 -0.20 | 43.16 1.21 -1.73 | 45.90 1.28 1.25 | 45.25 1.45 0.01 | 40.84 1.98 0.00 | 41.08 2.40 0.00 | 41.65 2.87 -0.01 | 43.34 2.06 0.00 | 45.61 2.09 0.00 | 49.45 2.49 0.00 | 58.15 3.08 0.00 | 77.55 3.97 0.01 | 109.43 6.43 -5.50 | 119.90 7.05 -6.06 | 92.54 4.71 -2.19 | 70.56 2.71 0.01 | 50.76 1.67 0.00 | 44.41 1.21 0.01 | 40.96 1.39 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 33.22 -1.86 0.00 | 29.59 -1.14 0.00 | 28.93 -1.08 0.00 | 27.85 -1.01 0.00 | 27.90 -0.92 0.00 | 30.09 -1.68 0.00 | 36.89 -3.34 0.00 | 41.56 -4.31 0.00 | 39.82 -3.99 0.00 | 36.10 -2.76 0.00 | 35.98 -2.71 0.00 | 36.80 -1.98 0.00 | 38.68 -2.60 0.00 | 40.60 -2.92 0.00 | 43.82 -3.15 0.00 | 50.27 -4.79 0.00 | 59.96 -8.76 4.87 | 80.43 -10.14 6.92 | 95.22 -11.53 0.04 | 77.25 -8.39 0.00 | 60.32 -7.53 0.00 | 44.57 -4.52 0.00 | 39.62 -3.59 0.00 | 37.64 -1.94 0.00 |
| LOCKPORT___CC1 323769 | 33.25 -1.83 0.00 | 29.93 -0.80 0.00 | 28.57 -1.44 0.00 | 27.56 -1.30 0.00 | 27.81 -1.01 0.00 | 30.03 -1.75 0.00 | 36.85 -3.38 0.00 | 41.79 -4.08 0.00 | 39.87 -3.94 0.00 | 36.02 -2.83 0.00 | 36.17 -2.51 0.00 | 36.80 -1.98 0.00 | 38.59 -2.68 0.00 | 40.52 -3.00 0.00 | 43.72 -3.24 0.00 | 50.16 -4.90 0.00 | 59.79 -8.91 4.89 | 80.02 -10.53 6.94 | 94.90 -11.86 0.04 | 76.99 -8.65 0.00 | 60.18 -7.67 0.00 | 44.43 -4.66 0.00 | 40.92 -2.29 0.00 | 37.60 -1.98 0.00 |
| LOCKPORT___CC2 323770 | 33.25 -1.83 0.00 | 29.93 -0.80 0.00 | 28.57 -1.44 0.00 | 27.56 -1.30 0.00 | 27.81 -1.01 0.00 | 30.03 -1.75 0.00 | 36.85 -3.38 0.00 | 41.79 -4.08 0.00 | 39.87 -3.94 0.00 | 36.02 -2.83 0.00 | 36.17 -2.51 0.00 | 36.80 -1.98 0.00 | 38.59 -2.68 0.00 | 40.52 -3.00 0.00 | 43.72 -3.24 0.00 | 50.16 -4.90 0.00 | 59.79 -8.91 4.89 | 80.02 -10.53 6.94 | 94.90 -11.86 0.04 | 76.99 -8.65 0.00 | 60.18 -7.67 0.00 | 44.43 -4.66 0.00 | 40.92 -2.29 0.00 | 37.60 -1.98 0.00 |
| LOCKPORT___CC3 323771 | 33.25 -1.83 0.00 | 29.93 -0.80 0.00 | 28.57 -1.44 0.00 | 27.56 -1.30 0.00 | 27.81 -1.01 0.00 | 30.03 -1.75 0.00 | 36.85 -3.38 0.00 | 41.79 -4.08 0.00 | 39.87 -3.94 0.00 | 36.02 -2.83 0.00 | 36.17 -2.51 0.00 | 36.80 -1.98 0.00 | 38.59 -2.68 0.00 | 40.52 -3.00 0.00 | 43.72 -3.24 0.00 | 50.16 -4.90 0.00 | 59.79 -8.91 4.89 | 80.02 -10.53 6.94 | 94.90 -11.86 0.04 | 76.99 -8.65 0.00 | 60.18 -7.67 0.00 | 44.43 -4.66 0.00 | 40.92 -2.29 0.00 | 37.60 -1.98 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 37.36 2.17 -0.11 | 32.17 1.44 0.00 | 31.36 1.35 0.00 | 30.27 1.41 0.00 | 30.11 1.30 0.00 | 33.48 1.49 -0.20 | 43.69 1.73 -1.73 | 48.22 1.83 -0.52 | 45.82 2.02 0.00 | 41.26 2.41 0.00 | 41.55 2.86 0.00 | 42.20 3.41 -0.01 | 43.96 2.68 0.00 | 46.18 2.65 0.00 | 50.02 3.05 0.00 | 58.75 3.69 0.00 | 78.51 4.93 0.00 | 110.79 7.80 -5.51 | 121.29 8.44 -6.06 | 93.65 5.82 -2.19 | 71.38 3.53 0.00 | 51.35 2.26 0.00 | 45.02 1.81 0.00 | 41.44 1.86 0.00 |
| LONG_LAKE_PHOENIX 24014 | 34.48 -0.60 0.00 | 30.23 -0.49 0.00 | 29.47 -0.54 0.00 | 28.34 -0.52 0.00 | 28.33 -0.49 0.00 | 31.24 -0.54 0.00 | 39.58 -0.64 0.00 | 45.13 -0.73 0.00 | 43.15 -0.66 0.00 | 38.27 -0.58 0.00 | 38.14 -0.54 0.00 | 38.39 -0.39 0.00 | 40.74 -0.54 0.00 | 42.95 -0.57 0.00 | 46.40 -0.56 0.00 | 54.40 -0.66 0.00 | 72.70 -0.88 0.00 | 96.61 -0.88 0.00 | 105.94 -0.85 0.00 | 84.87 -0.77 0.00 | 66.90 -0.95 0.00 | 48.35 -0.74 0.00 | 42.47 -0.73 0.00 | 38.94 -0.63 0.00 |
| LOVETT___3 23632 | 36.96 1.79 -0.10 | 32.02 1.29 0.00 | 31.27 1.26 0.00 | 30.15 1.30 0.00 | 30.09 1.27 0.00 | 33.40 1.43 -0.19 | 43.50 1.69 -1.59 | 49.78 2.06 -1.85 | 45.95 2.15 0.00 | 40.95 2.10 0.00 | 41.01 2.32 0.00 | 41.61 2.83 0.00 | 43.71 2.44 0.00 | 46.13 2.61 0.00 | 49.73 2.77 0.00 | 58.26 3.19 0.00 | 78.44 4.86 0.00 | 110.39 7.80 -5.10 | 120.96 8.54 -5.63 | 93.67 5.99 -2.04 | 71.45 3.60 0.00 | 51.35 2.26 0.00 | 45.07 1.86 0.00 | 41.40 1.82 0.00 |
| LOVETT___4 23642 | 36.96 1.79 -0.10 | 32.02 1.29 0.00 | 31.27 1.26 0.00 | 30.15 1.30 0.00 | 30.09 1.27 0.00 | 33.40 1.43 -0.19 | 43.50 1.69 -1.59 | 49.78 2.06 -1.85 | 45.95 2.15 0.00 | 40.95 2.10 0.00 | 41.01 2.32 0.00 | 41.61 2.83 0.00 | 43.71 2.44 0.00 | 46.13 2.61 0.00 | 49.73 2.77 0.00 | 58.26 3.19 0.00 | 78.44 4.86 0.00 | 110.39 7.80 -5.10 | 120.96 8.54 -5.63 | 93.67 5.99 -2.04 | 71.45 3.60 0.00 | 51.35 2.26 0.00 | 45.07 1.86 0.00 | 41.40 1.82 0.00 |
| LOVETT___5 23593 | 36.96 1.79 -0.10 | 32.02 1.29 0.00 | 31.27 1.26 0.00 | 30.15 1.30 0.00 | 30.09 1.27 0.00 | 33.40 1.43 -0.19 | 43.50 1.69 -1.59 | 49.78 2.06 -1.85 | 45.95 2.15 0.00 | 40.95 2.10 0.00 | 41.01 2.32 0.00 | 41.61 2.83 0.00 | 43.71 2.44 0.00 | 46.13 2.61 0.00 | 49.73 2.77 0.00 | 58.26 3.19 0.00 | 78.44 4.86 0.00 | 110.39 7.80 -5.10 | 120.96 8.54 -5.63 | 93.67 5.99 -2.04 | 71.45 3.60 0.00 | 51.35 2.26 0.00 | 45.07 1.86 0.00 | 41.40 1.82 0.00 |
| LOWER RAQUET___HYD 24057 | 35.50 0.42 0.00 | 31.28 0.55 0.00 | 30.31 0.30 0.00 | 29.00 0.15 0.00 | 29.05 0.23 0.00 | 32.22 0.44 0.00 | 41.11 0.88 0.00 | 46.83 0.96 0.00 | 44.60 0.79 0.00 | 39.44 0.58 0.00 | 39.23 0.54 0.00 | 39.05 0.27 0.00 | 41.85 0.58 0.00 | 44.00 0.48 0.00 | 47.06 0.09 0.00 | 56.44 0.22 -1.15 | 76.99 0.00 -3.40 | 96.32 -1.17 0.00 | 105.83 -0.96 0.00 | 85.81 0.17 0.00 | 68.80 0.95 0.00 | 50.07 0.98 0.00 | 44.29 1.08 0.00 | 40.37 0.79 0.00 |
| LOWER___HUDSON 24059 | 37.58 1.30 -1.20 | 31.81 1.07 -0.01 | 31.12 1.11 0.00 | 29.98 1.12 0.00 | 29.91 1.09 0.00 | 35.29 1.24 -2.27 | 61.01 1.53 -19.26 | 70.11 1.79 -22.45 | 45.30 1.49 0.00 | 39.90 1.05 0.00 | 39.69 1.00 0.00 | 40.09 1.32 0.00 | 42.31 1.03 0.00 | 44.56 1.04 0.00 | 48.28 1.31 0.00 | 56.66 1.60 0.00 | 76.45 2.87 0.00 | 138.80 5.16 -36.15 | 143.91 5.55 -31.56 | 100.82 3.76 -11.42 | 70.16 2.31 0.00 | 50.66 1.57 0.00 | 44.46 1.25 0.00 | 40.76 1.19 0.00 |
| LOWVILLE_115KV_TB2 356335 | 35.95 0.88 0.00 | 31.65 0.92 0.00 | 30.37 0.36 0.00 | 29.06 0.20 0.00 | 29.19 0.37 0.00 | 32.41 0.64 0.00 | 41.23 1.01 0.00 | 47.11 1.24 0.00 | 44.73 0.92 0.00 | 39.36 0.51 0.00 | 38.96 0.27 0.00 | 39.08 0.31 0.00 | 41.61 0.33 0.00 | 43.78 0.26 0.00 | 47.10 0.14 0.00 | 55.89 0.50 -0.33 | 75.59 1.03 -0.97 | 99.34 1.85 0.00 | 109.25 2.46 0.00 | 88.29 2.65 0.00 | 69.55 1.70 0.00 | 50.46 1.37 0.00 | 44.29 1.08 0.00 | 40.29 0.71 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 37.30 1.47 -0.75 | 32.02 1.29 -0.01 | 31.36 1.35 0.00 | 30.21 1.36 0.00 | 30.11 1.30 0.00 | 34.66 1.46 -1.42 | 54.09 1.81 -12.05 | 62.08 2.16 -14.05 | 45.47 1.66 0.00 | 39.98 1.13 0.00 | 39.65 0.97 0.00 | 40.05 1.28 0.00 | 42.31 1.03 0.00 | 44.65 1.13 0.00 | 48.47 1.50 0.00 | 56.99 1.93 0.00 | 76.97 3.39 0.00 | 125.56 5.85 -22.23 | 132.59 6.62 -19.18 | 97.03 4.45 -6.94 | 70.84 2.99 0.00 | 51.10 2.01 0.00 | 44.94 1.73 0.00 | 41.12 1.54 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 37.34 1.51 -0.75 | 32.02 1.29 -0.01 | 31.36 1.35 0.00 | 30.21 1.36 0.00 | 30.14 1.33 0.00 | 34.66 1.46 -1.42 | 54.09 1.81 -12.05 | 62.08 2.16 -14.05 | 45.47 1.66 0.00 | 40.02 1.17 0.00 | 39.69 1.01 0.00 | 40.05 1.28 0.00 | 42.35 1.07 0.00 | 44.65 1.13 0.00 | 48.47 1.50 0.00 | 57.05 1.98 0.00 | 77.05 3.46 0.00 | 125.56 5.85 -22.23 | 132.70 6.73 -19.18 | 97.12 4.54 -6.94 | 70.91 3.05 0.00 | 51.15 2.06 0.00 | 44.94 1.73 0.00 | 41.12 1.54 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 35.67 0.60 0.00 | 31.43 0.71 0.00 | 30.34 0.33 0.00 | 29.03 0.17 0.00 | 29.13 0.32 0.00 | 32.35 0.57 0.00 | 41.19 0.97 0.00 | 47.01 1.15 0.00 | 44.68 0.88 0.00 | 39.40 0.54 0.00 | 39.07 0.39 0.00 | 39.08 0.31 0.00 | 41.73 0.45 0.00 | 43.87 0.35 0.00 | 47.06 0.09 0.00 | 56.06 0.22 -0.78 | 76.33 0.44 -2.31 | 97.68 0.19 0.00 | 107.43 0.64 0.00 | 87.01 1.37 0.00 | 69.14 1.29 0.00 | 50.37 1.28 0.00 | 44.38 1.17 0.00 | 40.33 0.75 0.00 |
| LYONS_FALL_HYD 23570 | 35.85 0.77 0.00 | 31.56 0.83 0.00 | 30.46 0.45 0.00 | 29.17 0.32 0.00 | 29.28 0.46 0.00 | 32.45 0.67 0.00 | 41.23 1.01 0.00 | 47.11 1.24 0.00 | 44.77 0.96 0.00 | 39.44 0.58 0.00 | 39.11 0.43 0.00 | 39.32 0.54 0.00 | 41.77 0.50 0.00 | 44.00 0.48 0.00 | 47.39 0.42 0.00 | 56.05 0.77 -0.22 | 75.63 1.39 -0.65 | 99.73 2.24 0.00 | 109.56 2.77 0.00 | 88.38 2.74 0.00 | 69.55 1.70 0.00 | 50.42 1.33 0.00 | 44.24 1.04 0.00 | 40.29 0.71 0.00 |
| MADISON___COUNTY_LFGE 323628 | 35.81 0.74 0.00 | 31.46 0.74 0.00 | 30.61 0.60 0.00 | 29.38 0.52 0.00 | 29.45 0.63 0.00 | 32.61 0.83 0.00 | 41.31 1.09 0.00 | 47.20 1.33 0.00 | 44.99 1.18 0.00 | 39.75 0.89 0.00 | 39.46 0.77 0.00 | 39.71 0.93 0.00 | 42.14 0.87 0.00 | 44.43 0.91 0.00 | 47.95 0.99 0.00 | 56.44 1.38 0.00 | 75.65 2.06 0.00 | 100.51 3.02 0.00 | 110.32 3.52 0.00 | 88.64 3.00 0.00 | 69.68 1.83 0.00 | 50.37 1.28 0.00 | 44.20 0.99 0.00 | 40.41 0.83 0.00 |
| MALONE___115KV_TB1 356076 | 35.18 0.11 0.00 | 31.00 0.28 0.00 | 30.07 0.06 0.00 | 28.77 -0.09 0.00 | 28.79 -0.03 0.00 | 31.91 0.13 0.00 | 40.83 0.60 0.00 | 46.37 0.50 0.00 | 44.25 0.44 0.00 | 39.36 0.51 0.00 | 39.23 0.54 0.00 | 39.16 0.39 0.00 | 41.73 0.45 0.00 | 43.69 0.17 0.00 | 46.59 -0.38 0.00 | 58.60 -0.66 -4.20 | 84.98 -1.03 -12.43 | 95.05 -2.44 0.00 | 104.76 -2.03 0.00 | 84.95 -0.69 0.00 | 68.26 0.41 0.00 | 49.83 0.74 0.00 | 44.55 1.34 0.00 | 40.45 0.87 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 37.41 0.98 -1.35 | 31.54 0.80 -0.01 | 30.88 0.87 0.00 | 29.75 0.89 0.00 | 29.65 0.84 0.00 | 35.28 0.95 -2.55 | 63.01 1.17 -21.62 | 72.49 1.42 -25.21 | 44.95 1.14 0.00 | 39.67 0.82 0.00 | 39.42 0.74 0.00 | 39.78 1.01 0.00 | 42.02 0.74 0.00 | 44.30 0.78 0.00 | 48.00 1.03 0.00 | 56.33 1.27 0.00 | 75.87 2.28 0.00 | 142.42 4.39 -40.55 | 146.98 4.81 -35.39 | 101.44 3.00 -12.80 | 69.62 1.76 0.00 | 50.22 1.13 0.00 | 44.16 0.95 0.00 | 40.41 0.83 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 34.45 -0.63 0.00 | 30.08 -0.65 0.00 | 29.32 -0.69 0.00 | 28.14 -0.72 0.00 | 28.07 -0.75 0.00 | 30.99 -0.79 0.00 | 39.26 -0.97 0.00 | 44.86 -1.01 0.00 | 42.93 -0.88 0.00 | 38.16 -0.70 0.00 | 38.03 -0.66 0.00 | 38.00 -0.78 0.00 | 40.49 -0.79 0.00 | 42.65 -0.87 0.00 | 46.07 -0.89 0.00 | 54.08 -0.99 0.00 | 72.26 -1.32 0.00 | 95.54 -1.95 0.00 | 104.66 -2.13 0.00 | 84.10 -1.54 0.00 | 66.90 -0.95 0.00 | 48.50 -0.59 0.00 | 42.73 -0.47 0.00 | 39.14 -0.43 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 34.45 -0.63 0.00 | 30.08 -0.65 0.00 | 29.32 -0.69 0.00 | 28.14 -0.72 0.00 | 28.07 -0.75 0.00 | 30.99 -0.79 0.00 | 39.26 -0.97 0.00 | 44.86 -1.01 0.00 | 42.93 -0.88 0.00 | 38.16 -0.70 0.00 | 38.03 -0.66 0.00 | 38.00 -0.78 0.00 | 40.49 -0.79 0.00 | 42.65 -0.87 0.00 | 46.07 -0.89 0.00 | 54.08 -0.99 0.00 | 72.26 -1.32 0.00 | 95.54 -1.95 0.00 | 104.66 -2.13 0.00 | 84.10 -1.54 0.00 | 66.90 -0.95 0.00 | 48.50 -0.59 0.00 | 42.73 -0.47 0.00 | 39.14 -0.43 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 34.41 -0.67 0.00 | 30.33 -0.40 0.00 | 29.44 -0.57 0.00 | 28.16 -0.69 0.00 | 28.16 -0.66 0.00 | 31.14 -0.64 0.00 | 39.74 -0.48 0.00 | 45.13 -0.74 0.00 | 43.11 -0.70 0.00 | 38.43 -0.43 0.00 | 38.38 -0.31 0.00 | 38.23 -0.54 0.00 | 40.45 -0.83 0.00 | 42.22 -1.30 0.00 | 44.15 -2.82 0.00 | 44.68 -3.80 6.59 | 48.72 -5.37 19.50 | 89.20 -8.29 0.00 | 98.57 -8.22 0.00 | 79.90 -5.74 0.00 | 64.53 -3.32 0.00 | 47.42 -1.67 0.00 | 43.12 -0.09 0.00 | 40.01 0.44 0.00 |
| MARSHVLE_115KV_TB1 80742 | 36.88 1.44 -0.36 | 32.02 1.29 0.00 | 31.39 1.38 0.00 | 30.21 1.36 0.00 | 30.17 1.35 0.00 | 34.08 1.62 -0.68 | 48.15 2.13 -5.79 | 55.01 2.39 -6.76 | 44.86 1.05 0.00 | 38.97 0.12 0.00 | 38.38 -0.31 0.00 | 38.81 0.04 0.00 | 41.28 0.00 0.00 | 43.65 0.13 0.00 | 47.62 0.66 0.00 | 56.72 1.65 0.00 | 77.19 3.61 0.00 | 114.38 6.43 -10.46 | 123.69 8.01 -8.89 | 94.51 5.65 -3.22 | 71.72 3.87 0.00 | 51.79 2.70 0.00 | 45.33 2.12 0.00 | 41.40 1.82 0.00 |
| MARSH_HILL_WT_PWR 323713 | 33.78 -1.30 0.00 | 29.96 -0.77 0.00 | 29.02 -0.99 0.00 | 27.93 -0.92 0.00 | 27.98 -0.84 0.00 | 30.76 -1.02 0.00 | 38.54 -1.69 0.00 | 44.08 -1.79 0.00 | 41.13 -2.67 0.00 | 36.68 -2.18 0.00 | 36.95 -1.74 0.00 | 37.61 -1.16 0.00 | 39.46 -1.82 0.00 | 41.61 -1.91 0.00 | 44.99 -1.97 0.00 | 52.86 -2.20 0.00 | 64.04 -3.90 5.64 | 85.45 -4.09 7.95 | 103.21 -3.52 0.06 | 83.15 -2.49 0.00 | 65.27 -2.58 0.00 | 47.52 -1.57 0.00 | 42.43 -0.78 0.00 | 38.82 -0.75 0.00 |
| MCINTYRE_115KV_TB2 80467 | 35.85 0.77 0.00 | 31.59 0.86 0.00 | 30.61 0.60 0.00 | 29.29 0.43 0.00 | 29.37 0.55 0.00 | 32.64 0.86 0.00 | 41.59 1.37 0.00 | 47.38 1.51 0.00 | 44.99 1.18 0.00 | 39.71 0.85 0.00 | 39.42 0.74 0.00 | 39.16 0.39 0.00 | 42.06 0.78 0.00 | 44.22 0.70 0.00 | 47.48 0.52 0.00 | 56.66 0.72 -0.88 | 76.92 0.74 -2.59 | 97.49 0.00 0.00 | 107.54 0.75 0.00 | 87.44 1.80 0.00 | 70.09 2.24 0.00 | 50.91 1.82 0.00 | 44.94 1.73 0.00 | 40.76 1.19 0.00 |
| MECO_____69_KV_BK1 80468 | 37.43 1.96 -0.39 | 32.48 1.75 0.00 | 31.84 1.83 0.00 | 30.67 1.82 0.00 | 30.60 1.79 0.00 | 34.64 2.13 -0.74 | 49.19 2.74 -6.23 | 56.30 3.16 -7.27 | 45.47 1.66 0.00 | 39.48 0.62 0.00 | 38.76 0.08 0.00 | 39.08 0.31 0.00 | 41.48 0.21 0.00 | 43.91 0.39 0.00 | 48.00 1.03 0.00 | 57.27 2.20 0.00 | 78.15 4.56 0.00 | 116.68 7.99 -11.20 | 126.11 9.82 -9.50 | 96.01 6.94 -3.44 | 72.74 4.89 0.00 | 52.53 3.44 0.00 | 45.97 2.77 0.00 | 41.99 2.41 0.00 |
| MENANDS___115KV_TB5 355628 | 37.09 0.81 -1.21 | 31.38 0.65 -0.01 | 30.73 0.72 0.00 | 29.61 0.75 0.00 | 29.51 0.69 0.00 | 34.86 0.79 -2.29 | 60.60 0.97 -19.41 | 69.69 1.19 -22.63 | 44.73 0.92 0.00 | 39.52 0.66 0.00 | 39.31 0.62 0.00 | 39.63 0.85 0.00 | 41.85 0.58 0.00 | 44.13 0.61 0.00 | 47.76 0.80 0.00 | 56.00 0.94 0.00 | 75.50 1.91 0.00 | 137.38 3.90 -36.00 | 142.14 4.16 -31.18 | 99.32 2.40 -11.28 | 69.14 1.29 0.00 | 49.92 0.83 0.00 | 43.90 0.69 0.00 | 40.17 0.59 0.00 |
| MG INDUSTRY___DRP 24185 | 34.03 0.11 1.15 | 30.75 0.03 0.01 | 30.16 0.15 0.00 | 29.03 0.17 0.00 | 28.93 0.12 0.00 | 29.77 0.16 2.17 | 21.97 0.12 18.38 | 24.62 0.18 21.43 | 43.62 -0.18 0.01 | 38.47 -0.39 0.00 | 38.22 -0.46 0.00 | 38.54 -0.23 0.00 | 40.74 -0.54 0.00 | 43.00 -0.52 0.00 | 46.59 -0.38 0.00 | 54.73 -0.33 0.00 | 72.80 0.22 1.00 | 59.83 1.56 39.22 | 71.47 1.60 36.92 | 72.88 0.60 13.36 | 67.78 -0.07 0.00 | 48.99 -0.10 0.00 | 43.08 -0.13 0.00 | 39.46 -0.12 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 35.67 0.60 0.00 | 31.43 0.71 0.00 | 30.34 0.33 0.00 | 29.03 0.17 0.00 | 29.13 0.32 0.00 | 32.35 0.57 0.00 | 41.19 0.97 0.00 | 47.01 1.15 0.00 | 44.68 0.88 0.00 | 39.40 0.54 0.00 | 39.07 0.39 0.00 | 39.08 0.31 0.00 | 41.73 0.45 0.00 | 43.87 0.35 0.00 | 47.06 0.09 0.00 | 56.06 0.22 -0.78 | 76.33 0.44 -2.31 | 97.68 0.19 0.00 | 107.43 0.64 0.00 | 87.01 1.37 0.00 | 69.14 1.29 0.00 | 50.37 1.28 0.00 | 44.38 1.17 0.00 | 40.33 0.75 0.00 |
| MID___RAQUETTE_HYD 23851 | 35.50 0.42 0.00 | 31.28 0.55 0.00 | 30.31 0.30 0.00 | 29.00 0.14 0.00 | 29.05 0.23 0.00 | 32.22 0.44 0.00 | 41.11 0.88 0.00 | 46.83 0.96 0.00 | 44.60 0.79 0.00 | 39.44 0.58 0.00 | 39.23 0.54 0.00 | 39.05 0.27 0.00 | 41.85 0.58 0.00 | 44.00 0.48 0.00 | 47.15 0.19 0.00 | 56.43 0.22 -1.15 | 76.99 0.00 -3.40 | 96.32 -1.17 0.00 | 105.83 -0.96 0.00 | 85.81 0.17 0.00 | 68.80 0.95 0.00 | 50.17 1.08 0.00 | 44.46 1.25 0.00 | 40.37 0.79 0.00 |
| MILLIKEN___1 23584 | 35.29 0.21 0.00 | 31.03 0.31 0.00 | 30.25 0.24 0.00 | 29.06 0.20 0.00 | 29.08 0.26 0.00 | 32.07 0.29 0.00 | 40.59 0.36 0.00 | 46.37 0.50 0.00 | 44.25 0.44 0.00 | 39.21 0.35 0.00 | 39.00 0.31 0.00 | 39.40 0.62 0.00 | 41.65 0.37 0.00 | 44.00 0.48 0.00 | 47.53 0.56 0.00 | 55.78 0.72 0.00 | 83.14 1.03 -8.52 | 110.73 2.24 -11.00 | 109.77 2.88 -0.09 | 87.95 2.31 0.00 | 69.07 1.22 0.00 | 49.88 0.79 0.00 | 43.77 0.56 0.00 | 40.17 0.59 0.00 |
| MILLIKEN___2 23585 | 35.29 0.21 0.00 | 31.03 0.31 0.00 | 30.25 0.24 0.00 | 29.06 0.20 0.00 | 29.08 0.26 0.00 | 32.07 0.29 0.00 | 40.59 0.36 0.00 | 46.37 0.50 0.00 | 44.25 0.44 0.00 | 39.21 0.35 0.00 | 39.00 0.31 0.00 | 39.40 0.62 0.00 | 41.65 0.37 0.00 | 44.00 0.48 0.00 | 47.53 0.56 0.00 | 55.78 0.72 0.00 | 83.14 1.03 -8.52 | 110.73 2.24 -11.00 | 109.77 2.88 -0.09 | 87.95 2.31 0.00 | 69.07 1.22 0.00 | 49.88 0.79 0.00 | 43.77 0.56 0.00 | 40.17 0.59 0.00 |
| MILLIKEN___DIESEL 23629 | 35.29 0.21 0.00 | 31.03 0.31 0.00 | 30.25 0.24 0.00 | 29.06 0.20 0.00 | 29.08 0.26 0.00 | 32.07 0.29 0.00 | 40.59 0.36 0.00 | 46.37 0.50 0.00 | 44.25 0.44 0.00 | 39.21 0.35 0.00 | 39.00 0.31 0.00 | 39.40 0.62 0.00 | 41.65 0.37 0.00 | 44.00 0.48 0.00 | 47.53 0.56 0.00 | 55.78 0.72 0.00 | 83.14 1.03 -8.52 | 110.73 2.24 -11.00 | 109.77 2.88 -0.09 | 87.95 2.31 0.00 | 69.07 1.22 0.00 | 49.88 0.79 0.00 | 43.77 0.56 0.00 | 40.17 0.59 0.00 |
| MILLSEAT___LFGE 323607 | 34.02 -1.05 0.00 | 30.57 -0.15 0.00 | 29.23 -0.78 0.00 | 28.14 -0.72 0.00 | 28.39 -0.43 0.00 | 30.76 -1.02 0.00 | 38.01 -2.21 0.00 | 43.35 -2.52 0.00 | 41.36 -2.45 0.00 | 37.34 -1.52 0.00 | 37.41 -1.28 0.00 | 37.96 -0.82 0.00 | 39.87 -1.40 0.00 | 41.87 -1.65 0.00 | 45.13 -1.83 0.00 | 52.09 -2.97 0.00 | 62.68 -6.03 4.88 | 83.86 -6.73 6.91 | 99.18 -7.58 0.03 | 80.50 -5.14 0.00 | 62.69 -5.16 0.00 | 46.19 -2.90 0.00 | 42.13 -1.08 0.00 | 38.59 -0.99 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 37.08 1.89 -0.11 | 32.11 1.38 0.00 | 31.36 1.35 0.00 | 30.24 1.39 0.00 | 30.17 1.35 0.00 | 33.51 1.53 -0.20 | 43.70 1.77 -1.70 | 50.01 2.16 -1.98 | 46.09 2.28 0.00 | 41.07 2.21 0.00 | 41.08 2.40 0.00 | 41.72 2.95 0.00 | 43.84 2.56 0.00 | 46.22 2.70 0.00 | 49.83 2.86 0.00 | 58.37 3.30 0.00 | 78.59 5.00 0.00 | 110.91 7.99 -5.43 | 121.41 8.65 -5.97 | 93.88 6.08 -2.16 | 71.58 3.73 0.00 | 51.45 2.36 0.00 | 45.15 1.94 0.00 | 41.48 1.90 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 37.15 1.96 -0.11 | 32.17 1.44 0.00 | 31.42 1.41 0.00 | 30.30 1.44 0.00 | 30.23 1.41 0.00 | 33.57 1.59 -0.20 | 43.78 1.85 -1.70 | 50.10 2.25 -1.98 | 46.17 2.37 0.00 | 41.15 2.29 0.00 | 41.20 2.51 0.00 | 41.84 3.06 0.00 | 43.96 2.68 0.00 | 46.35 2.83 0.00 | 49.97 3.01 0.00 | 58.53 3.47 0.00 | 78.74 5.15 0.00 | 111.20 8.29 -5.43 | 121.73 8.97 -5.97 | 94.14 6.34 -2.16 | 71.72 3.87 0.00 | 51.54 2.45 0.00 | 45.24 2.03 0.00 | 41.55 1.98 0.00 |
| MODEL_CITY_ENERGY 24167 | 33.25 -1.83 0.00 | 29.99 -0.74 0.00 | 28.45 -1.56 0.00 | 27.44 -1.41 0.00 | 27.84 -0.98 0.00 | 29.97 -1.81 0.00 | 36.60 -3.62 0.00 | 41.51 -4.36 0.00 | 39.60 -4.21 0.00 | 35.82 -3.03 0.00 | 35.98 -2.71 0.00 | 36.57 -2.21 0.00 | 38.35 -2.93 0.00 | 40.26 -3.26 0.00 | 43.44 -3.52 0.00 | 49.83 -5.23 0.00 | 59.37 -9.35 4.87 | 79.85 -10.72 6.92 | 94.26 -12.49 0.04 | 76.48 -9.16 0.00 | 59.78 -8.08 0.00 | 44.13 -4.96 0.00 | 40.49 -2.72 0.00 | 37.40 -2.18 0.00 |
| MODERN_LFGE___ 323580 | 33.25 -1.83 0.00 | 29.99 -0.74 0.00 | 28.45 -1.56 0.00 | 27.44 -1.41 0.00 | 27.84 -0.98 0.00 | 29.97 -1.81 0.00 | 36.60 -3.62 0.00 | 41.51 -4.36 0.00 | 39.60 -4.21 0.00 | 35.82 -3.03 0.00 | 35.98 -2.71 0.00 | 36.57 -2.21 0.00 | 38.35 -2.93 0.00 | 40.26 -3.26 0.00 | 43.44 -3.52 0.00 | 49.83 -5.23 0.00 | 59.37 -9.35 4.87 | 79.85 -10.72 6.92 | 94.26 -12.49 0.04 | 76.48 -9.16 0.00 | 59.78 -8.08 0.00 | 44.13 -4.96 0.00 | 40.49 -2.72 0.00 | 37.40 -2.18 0.00 |
| MOHAWK_PAPER___DRP 24187 | 37.41 0.98 -1.35 | 31.54 0.80 -0.01 | 30.88 0.87 0.00 | 29.75 0.89 0.00 | 29.65 0.84 0.00 | 35.28 0.95 -2.55 | 63.01 1.17 -21.62 | 72.49 1.42 -25.21 | 44.95 1.14 0.00 | 39.67 0.82 0.00 | 39.42 0.74 0.00 | 39.78 1.01 0.00 | 42.02 0.74 0.00 | 44.30 0.78 0.00 | 48.00 1.03 0.00 | 56.33 1.27 0.00 | 75.87 2.28 0.00 | 142.42 4.39 -40.55 | 146.98 4.81 -35.39 | 101.44 3.00 -12.80 | 69.62 1.76 0.00 | 50.22 1.13 0.00 | 44.16 0.95 0.00 | 40.41 0.83 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 37.24 1.44 -0.73 | 32.02 1.29 -0.01 | 31.39 1.38 0.00 | 30.24 1.39 0.00 | 30.14 1.33 0.00 | 34.62 1.46 -1.38 | 53.80 1.89 -11.69 | 61.79 2.29 -13.63 | 45.39 1.58 0.00 | 39.83 0.97 0.00 | 39.38 0.70 0.00 | 39.78 1.01 0.00 | 42.06 0.78 0.00 | 44.43 0.91 0.00 | 48.28 1.31 0.00 | 56.88 1.82 0.00 | 77.05 3.46 0.00 | 125.05 6.04 -21.52 | 132.61 7.26 -18.56 | 97.06 4.71 -6.71 | 71.04 3.19 0.00 | 51.25 2.16 0.00 | 44.98 1.77 0.00 | 41.12 1.54 0.00 |
| MONGAUP___HYD 23641 | 36.77 1.61 -0.08 | 31.92 1.20 0.00 | 31.18 1.17 0.00 | 30.07 1.21 0.00 | 30.03 1.21 0.00 | 33.30 1.37 -0.16 | 43.21 1.65 -1.34 | 49.40 1.97 -1.56 | 45.73 1.93 0.00 | 40.61 1.75 0.00 | 40.51 1.82 0.00 | 41.06 2.29 0.00 | 43.22 1.94 0.00 | 45.65 2.13 0.00 | 49.36 2.39 0.00 | 57.98 2.92 0.00 | 78.37 4.78 0.00 | 110.07 8.19 -4.39 | 121.07 9.40 -4.88 | 94.09 6.68 -1.76 | 72.06 4.21 0.00 | 51.74 2.65 0.00 | 45.28 2.07 0.00 | 41.59 2.02 0.00 |
| MONTAUK___DIESEL 23721 | 36.59 1.40 -0.11 | 26.28 0.86 5.31 | 26.31 0.81 4.51 | 26.68 0.92 3.10 | 25.88 0.75 3.69 | 26.51 0.95 6.23 | 42.40 0.44 -1.73 | 44.28 0.18 1.78 | 44.08 0.39 0.12 | 29.80 1.40 10.46 | 40.58 1.90 0.00 | 41.15 2.37 -0.01 | 30.46 1.40 12.22 | 43.95 1.26 0.83 | 46.46 1.88 2.38 | 49.17 2.53 8.43 | 59.41 2.72 16.90 | 75.51 5.07 27.05 | 74.96 5.45 37.28 | 72.35 3.43 16.72 | 60.23 1.63 9.25 | 47.67 0.69 2.10 | 43.12 -0.04 0.05 | 40.45 0.99 0.12 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 32.59 -2.49 0.00 | 29.22 -1.51 0.00 | 28.30 -1.71 0.00 | 27.30 -1.56 0.00 | 27.43 -1.38 0.00 | 30.06 -1.72 0.00 | 37.33 -2.90 0.00 | 42.34 -3.53 0.00 | 40.52 -3.29 0.00 | 36.72 -2.14 0.00 | 36.71 -1.97 0.00 | 37.50 -1.28 0.00 | 39.25 -2.02 0.00 | 41.26 -2.26 0.00 | 44.52 -2.44 0.00 | 50.82 -4.24 0.00 | 61.27 -7.43 4.88 | 83.53 -7.02 6.94 | 100.13 -6.62 0.04 | 81.19 -4.45 0.00 | 62.63 -5.22 0.00 | 45.80 -3.29 0.00 | 40.31 -2.89 0.00 | 37.60 -1.98 0.00 |

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| MORRIS_RIDGE___SOLAR 323848 | 33.53 -1.54 0.00 | 29.87 -0.86 0.00 | 28.84 -1.17 0.00 | 27.79 -1.07 0.00 | 27.87 -0.95 0.00 | 30.45 -1.33 0.00 | 37.93 -2.29 0.00 | 43.21 -2.66 0.00 | 40.79 -3.02 0.00 | 36.45 -2.41 0.00 | 36.67 -2.01 0.00 | 37.34 -1.43 0.00 | 39.21 -2.06 0.00 | 41.39 -2.13 0.00 | 44.76 -2.21 0.00 | 51.82 -3.25 0.00 | 62.27 -5.60 5.72 | 83.29 -6.14 8.06 | 100.65 -6.08 0.06 | 81.18 -4.46 0.00 | 63.51 -4.34 0.00 | 46.34 -2.75 0.00 | 41.65 -1.55 0.00 | 38.11 -1.46 0.00 |
| MORTIMER_115KV_TB3 55949 | 34.20 -0.88 0.00 | 30.42 -0.31 0.00 | 29.50 -0.51 0.00 | 28.37 -0.49 0.00 | 28.41 -0.40 0.00 | 31.08 -0.70 0.00 | 38.98 -1.25 0.00 | 44.22 -1.65 0.00 | 42.36 -1.45 0.00 | 38.12 -0.74 0.00 | 37.99 -0.70 0.00 | 38.58 -0.19 0.00 | 40.70 -0.58 0.00 | 42.82 -0.70 0.00 | 46.17 -0.80 0.00 | 53.69 -1.38 0.00 | 65.46 -3.31 4.81 | 86.46 -4.19 6.84 | 102.60 -4.16 0.03 | 82.90 -2.74 0.00 | 64.80 -3.05 0.00 | 47.47 -1.62 0.00 | 41.83 -1.38 0.00 | 38.71 -0.87 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 37.39 2.21 -0.11 | 32.36 1.63 0.00 | 31.57 1.56 0.00 | 30.44 1.59 0.00 | 30.37 1.56 0.00 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.32 2.43 -2.02 | 46.39 2.58 0.00 | 41.42 2.56 0.00 | 41.47 2.79 0.00 | 42.11 3.33 0.00 | 44.25 2.97 0.00 | 46.65 3.13 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.18 5.59 0.00 | 111.77 8.77 -5.51 | 122.25 9.40 -6.06 | 94.43 6.59 -2.19 | 72.06 4.21 0.00 | 51.69 2.60 0.00 | 45.46 2.25 0.00 | 41.75 2.18 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 37.04 1.96 0.00 | 32.79 2.06 0.00 | 31.78 1.77 0.00 | 30.36 1.50 0.00 | 30.63 1.82 0.00 | 34.16 2.38 0.00 | 43.36 3.14 0.00 | 49.86 3.99 0.00 | 47.14 3.33 0.00 | 41.19 2.33 0.00 | 40.66 1.97 0.00 | 41.22 2.44 0.00 | 43.67 2.39 0.00 | 46.00 2.48 0.00 | 49.59 2.63 0.00 | 58.97 3.91 0.00 | 85.84 6.18 -6.07 | 115.70 10.44 -7.78 | 118.82 11.96 -0.07 | 96.26 10.62 0.00 | 74.91 7.06 0.00 | 53.85 4.76 0.00 | 47.14 3.93 0.00 | 42.82 3.25 0.00 |
| N SALMON___HYD 24042 | 35.18 0.11 0.00 | 31.00 0.28 0.00 | 30.07 0.06 0.00 | 28.77 -0.09 0.00 | 28.79 -0.03 0.00 | 31.91 0.13 0.00 | 40.83 0.60 0.00 | 46.37 0.51 0.00 | 44.25 0.44 0.00 | 39.36 0.50 0.00 | 39.23 0.54 0.00 | 39.16 0.39 0.00 | 41.73 0.45 0.00 | 43.70 0.17 0.00 | 46.45 -0.52 0.00 | 58.61 -0.66 -4.20 | 84.98 -1.03 -12.43 | 95.05 -2.43 0.00 | 104.76 -2.03 0.00 | 84.95 -0.69 0.00 | 68.26 0.41 0.00 | 49.63 0.54 0.00 | 44.16 0.95 0.00 | 40.45 0.87 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 33.81 -1.26 0.00 | 30.11 -0.61 0.00 | 29.41 -0.60 0.00 | 28.28 -0.58 0.00 | 28.36 -0.46 0.00 | 30.67 -1.11 0.00 | 37.85 -2.37 0.00 | 42.61 -3.26 0.00 | 40.79 -3.02 0.00 | 36.95 -1.90 0.00 | 36.83 -1.86 0.00 | 37.61 -1.16 0.00 | 39.50 -1.77 0.00 | 41.52 -2.00 0.00 | 44.76 -2.21 0.00 | 51.54 -3.52 0.00 | 61.74 -6.99 4.86 | 82.78 -7.80 6.91 | 97.89 -8.86 0.03 | 79.47 -6.17 0.00 | 61.95 -5.90 0.00 | 45.70 -3.39 0.00 | 40.53 -2.68 0.00 | 38.31 -1.27 0.00 |
| N.E_GEN_SANDY PD 24062 | 37.30 1.51 -0.72 | 31.90 1.17 -0.01 | 31.18 1.17 0.00 | 30.04 1.18 0.00 | 30.00 1.18 0.00 | 34.50 1.37 -1.36 | 53.32 1.61 -11.48 | 63.00 1.88 -15.25 | 43.70 1.75 1.86 | 40.25 1.40 0.00 | 40.48 1.43 -0.36 | 40.24 1.82 0.36 | 42.76 1.48 0.00 | 45.00 1.48 0.00 | 48.65 1.69 0.00 | 57.04 1.98 0.00 | 76.90 3.31 0.00 | 123.00 5.95 -19.57 | 129.03 6.30 -15.94 | 95.69 4.28 -5.77 | 70.36 2.51 0.00 | 50.76 1.67 0.00 | 44.50 1.30 0.00 | 40.88 1.30 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 36.96 1.79 -0.10 | 32.02 1.29 0.00 | 31.27 1.26 0.00 | 30.15 1.30 0.00 | 30.11 1.30 0.00 | 33.43 1.46 -0.18 | 43.48 1.69 -1.56 | 49.80 2.11 -1.82 | 46.00 2.19 0.00 | 40.99 2.14 0.00 | 41.01 2.32 0.00 | 41.61 2.83 0.00 | 43.75 2.48 0.00 | 46.18 2.65 0.00 | 49.78 2.82 0.00 | 58.31 3.25 0.00 | 78.52 4.93 0.00 | 110.52 7.99 -5.04 | 121.11 8.76 -5.56 | 93.82 6.17 -2.01 | 71.58 3.73 0.00 | 51.40 2.31 0.00 | 45.11 1.90 0.00 | 41.44 1.86 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 37.75 2.56 -0.12 | 32.64 1.91 -0.01 | 31.85 1.83 -0.01 | 30.68 1.82 -0.01 | 30.64 1.82 -0.01 | 33.99 2.00 -0.21 | 44.33 2.37 -1.73 | 50.50 2.61 -2.02 | 46.39 2.58 0.00 | 41.58 2.72 0.00 | 41.63 2.94 0.00 | 42.38 3.61 0.00 | 44.58 3.30 0.00 | 47.05 3.53 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.70 6.11 -0.01 | 112.45 9.46 -5.51 | 122.89 10.04 -6.06 | 94.78 6.94 -2.20 | 72.34 4.48 -0.01 | 52.04 2.95 0.00 | 46.03 2.81 -0.01 | 42.31 2.73 -0.01 |
| N.TROY___115KV_TB1 355778 | 37.58 1.30 -1.20 | 31.84 1.11 -0.01 | 31.12 1.11 0.00 | 29.98 1.13 0.00 | 29.91 1.10 0.00 | 35.29 1.24 -2.27 | 61.01 1.53 -19.26 | 70.11 1.79 -22.45 | 45.30 1.49 0.00 | 39.90 1.05 0.00 | 39.69 1.01 0.00 | 40.09 1.32 0.00 | 42.31 1.03 0.00 | 44.57 1.04 0.00 | 48.28 1.31 0.00 | 56.66 1.60 0.00 | 76.46 2.87 0.00 | 138.80 5.17 -36.15 | 143.91 5.55 -31.56 | 100.83 3.77 -11.42 | 70.16 2.31 0.00 | 50.61 1.52 0.00 | 44.50 1.30 0.00 | 40.76 1.19 0.00 |
| NARROWS_GT1_1 24228 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT1_2 24229 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT1_3 24230 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT1_4 24231 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT1_5 24232 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_6 24233 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT1_7 24234 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT1_8 24235 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT2_1 24236 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT2_2 24237 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT2_3 24238 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT2_4 24239 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT2_5 24240 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT2_6 24241 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT2_7 24242 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NARROWS_GT2_8 24243 | 37.65 2.45 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.55 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.48 5.89 0.00 | 112.16 9.16 -5.51 | 122.67 9.82 -6.06 | 94.69 6.85 -2.19 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 34.89 1.05 1.23 | 31.48 0.77 0.01 | 30.85 0.84 0.00 | 29.72 0.87 0.00 | 29.62 0.81 0.00 | 30.56 1.11 2.33 | 21.86 1.41 19.77 | 24.47 1.65 23.05 | 44.57 0.79 0.02 | 39.09 0.23 0.00 | 38.80 0.12 0.00 | 39.08 0.31 0.00 | 41.32 0.04 0.00 | 43.65 0.13 0.00 | 47.39 0.42 0.00 | 55.73 0.66 0.00 | 74.46 2.43 1.56 | 60.96 5.26 41.79 | 73.73 6.09 39.15 | 75.33 3.85 14.17 | 69.82 1.97 0.00 | 50.42 1.33 0.00 | 44.25 1.04 0.00 | 40.49 0.91 0.00 |
| NCHELSEA_115KV_TR2 355582 | 37.19 2.03 -0.08 | 32.26 1.54 0.00 | 31.51 1.50 0.00 | 30.39 1.53 0.00 | 30.32 1.50 0.00 | 33.62 1.68 -0.15 | 43.52 2.01 -1.29 | 49.80 2.43 -1.50 | 46.22 2.41 0.00 | 41.07 2.21 0.00 | 41.08 2.40 0.00 | 41.64 2.87 0.00 | 43.84 2.56 0.00 | 46.31 2.79 0.00 | 49.97 3.01 0.00 | 58.59 3.52 0.00 | 79.03 5.45 0.00 | 110.71 8.77 -4.45 | 121.32 9.50 -5.03 | 94.14 6.68 -1.82 | 72.06 4.21 0.00 | 51.79 2.70 0.00 | 45.46 2.25 0.00 | 41.71 2.14 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 37.53 1.58 -0.88 | 32.08 1.35 -0.01 | 31.42 1.41 0.00 | 30.27 1.41 0.00 | 30.17 1.35 0.00 | 34.96 1.53 -1.66 | 56.18 1.89 -14.06 | 64.51 2.25 -16.40 | 45.56 1.75 0.00 | 40.10 1.24 0.00 | 39.77 1.08 0.00 | 40.17 1.39 0.00 | 42.47 1.20 0.00 | 44.78 1.26 0.00 | 48.61 1.64 0.00 | 57.16 2.09 0.00 | 77.19 3.60 0.00 | 129.74 6.15 -26.11 | 136.35 6.94 -22.63 | 98.53 4.71 -8.19 | 70.97 3.12 0.00 | 51.25 2.16 0.00 | 44.98 1.77 0.00 | 41.20 1.62 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 33.60 -1.47 0.00 | 29.83 -0.89 0.00 | 28.90 -1.11 0.00 | 27.79 -1.07 0.00 | 27.81 -1.01 0.00 | 30.51 -1.27 0.00 | 38.37 -1.85 0.00 | 43.76 -2.11 0.00 | 41.88 -1.93 0.00 | 37.53 -1.32 0.00 | 37.53 -1.16 0.00 | 37.92 -0.85 0.00 | 40.04 -1.24 0.00 | 42.13 -1.39 0.00 | 45.46 -1.50 0.00 | 52.97 -2.09 0.00 | 65.20 -3.83 4.56 | 86.02 -4.97 6.50 | 101.65 -5.12 0.02 | 81.96 -3.68 0.00 | 64.19 -3.67 0.00 | 46.83 -2.26 0.00 | 41.78 -1.42 0.00 | 38.03 -1.54 0.00 |

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| NEG CENTRAL___DRP 24199 | 34.76 -0.32 0.00 | 30.63 -0.09 0.00 | 29.83 -0.18 0.00 | 28.65 -0.20 0.00 | 28.70 -0.12 0.00 | 31.62 -0.16 0.00 | 39.86 -0.36 0.00 | 45.50 -0.37 0.00 | 43.46 -0.35 0.00 | 38.66 -0.19 0.00 | 38.49 -0.19 0.00 | 38.93 0.16 0.00 | 41.15 -0.12 0.00 | 43.43 -0.09 0.00 | 46.92 -0.05 0.00 | 54.90 -0.17 0.00 | 74.72 -0.52 -1.65 | 99.68 -0.29 -2.49 | 106.55 -0.21 0.03 | 85.73 0.09 0.00 | 67.38 -0.47 0.00 | 48.80 -0.29 0.00 | 42.82 -0.39 0.00 | 39.38 -0.20 0.00 |
| NEG CENTRAL___INDECK 23768 | 35.11 0.04 0.00 | 31.25 0.52 0.00 | 30.19 0.18 0.00 | 29.03 0.17 0.00 | 29.11 0.29 0.00 | 31.91 0.13 0.00 | 40.18 -0.04 0.00 | 45.82 -0.05 0.00 | 43.24 -0.57 0.00 | 38.51 -0.35 0.00 | 38.53 -0.15 0.00 | 39.01 0.23 0.00 | 40.99 -0.29 0.00 | 43.22 -0.30 0.00 | 46.73 -0.23 0.00 | 54.68 -0.38 0.00 | 66.63 -1.47 5.49 | 88.87 -0.88 7.74 | 107.06 0.32 0.05 | 86.58 0.94 0.00 | 67.45 -0.40 0.00 | 49.29 0.20 0.00 | 44.03 0.82 0.00 | 40.01 0.44 0.00 |
| NEG CENTRAL___SENECA 23627 | 34.69 -0.39 0.00 | 30.67 -0.06 0.00 | 29.83 -0.18 0.00 | 28.65 -0.20 0.00 | 28.73 -0.09 0.00 | 31.62 -0.16 0.00 | 39.74 -0.48 0.00 | 45.36 -0.50 0.00 | 43.33 -0.48 0.00 | 38.58 -0.27 0.00 | 38.42 -0.27 0.00 | 38.93 0.16 0.00 | 41.07 -0.21 0.00 | 43.35 -0.17 0.00 | 46.82 -0.14 0.00 | 54.79 -0.28 0.00 | 75.33 -0.88 -2.63 | 100.76 -0.68 -3.95 | 105.88 -0.85 0.06 | 85.47 -0.17 0.00 | 67.17 -0.68 0.00 | 48.70 -0.39 0.00 | 42.69 -0.52 0.00 | 39.34 -0.24 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 34.90 -0.18 0.00 | 30.67 -0.06 0.00 | 29.89 -0.12 0.00 | 28.71 -0.14 0.00 | 28.73 -0.09 0.00 | 31.68 -0.10 0.00 | 40.14 -0.08 0.00 | 45.82 -0.05 0.00 | 43.81 0.00 0.00 | 38.86 0.00 0.00 | 38.69 0.00 0.00 | 39.05 0.27 0.00 | 41.32 0.04 0.00 | 43.61 0.09 0.00 | 47.10 0.14 0.00 | 55.23 0.17 0.00 | 75.00 0.07 -1.34 | 99.88 0.58 -1.80 | 107.87 1.07 -0.01 | 86.50 0.86 0.00 | 67.99 0.14 0.00 | 49.14 0.05 0.00 | 43.12 -0.09 0.00 | 39.58 0.00 0.00 |
| NEG MILLWOOD___DRP 24198 | 37.31 2.14 -0.10 | 32.39 1.66 0.00 | 31.60 1.59 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.74 1.78 -0.18 | 43.91 2.13 -1.55 | 50.25 2.57 -1.81 | 46.48 2.67 0.00 | 41.34 2.49 0.00 | 41.39 2.71 0.00 | 41.99 3.22 0.00 | 44.25 2.97 0.00 | 46.65 3.13 0.00 | 50.20 3.24 0.00 | 58.86 3.80 0.00 | 79.25 5.67 0.00 | 111.66 9.07 -5.10 | 122.40 9.93 -5.68 | 94.63 6.94 -2.05 | 72.19 4.34 0.00 | 51.94 2.85 0.00 | 45.54 2.33 0.00 | 41.83 2.26 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 34.83 -0.25 0.00 | 30.70 -0.03 0.00 | 29.80 -0.21 0.00 | 28.51 -0.35 0.00 | 28.50 -0.32 0.00 | 31.52 -0.25 0.00 | 40.26 0.04 0.00 | 45.73 -0.14 0.00 | 43.68 -0.13 0.00 | 38.93 0.08 0.00 | 38.88 0.19 0.00 | 38.77 0.00 0.00 | 41.11 -0.17 0.00 | 42.91 -0.61 0.00 | 45.09 -1.88 0.00 | 45.28 -3.19 6.59 | 49.31 -4.78 19.50 | 89.69 -7.80 0.00 | 99.10 -7.69 0.00 | 80.24 -5.40 0.00 | 64.73 -3.12 0.00 | 48.16 -0.93 0.00 | 44.42 1.21 0.00 | 40.37 0.79 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 34.65 -0.42 0.00 | 30.51 -0.22 0.00 | 29.65 -0.36 0.00 | 28.39 -0.46 0.00 | 28.36 -0.46 0.00 | 31.37 -0.41 0.00 | 40.02 -0.20 0.00 | 45.45 -0.41 0.00 | 43.37 -0.44 0.00 | 38.58 -0.27 0.00 | 38.49 -0.19 0.00 | 38.35 -0.43 0.00 | 40.82 -0.45 0.00 | 42.78 -0.74 0.00 | 45.55 -1.41 0.00 | 46.20 -1.93 6.93 | 50.35 -2.72 20.52 | 92.81 -4.68 0.00 | 102.31 -4.49 0.00 | 82.90 -2.74 0.00 | 66.77 -1.09 0.00 | 48.84 -0.25 0.00 | 43.90 0.69 0.00 | 39.97 0.40 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 34.90 -0.18 0.00 | 30.76 0.03 0.00 | 29.86 -0.15 0.00 | 28.57 -0.29 0.00 | 28.56 -0.26 0.00 | 31.62 -0.16 0.00 | 40.42 0.20 0.00 | 45.91 0.05 0.00 | 43.81 0.00 0.00 | 39.05 0.19 0.00 | 38.96 0.27 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.09 -0.44 0.00 | 45.51 -1.46 0.00 | 45.99 -2.42 6.65 | 50.37 -3.53 19.68 | 91.64 -5.85 0.00 | 101.24 -5.55 0.00 | 82.13 -3.51 0.00 | 66.09 -1.76 0.00 | 48.80 -0.29 0.00 | 44.55 1.34 0.00 | 40.41 0.83 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 34.90 -0.18 0.00 | 30.76 0.03 0.00 | 29.86 -0.15 0.00 | 28.57 -0.29 0.00 | 28.56 -0.26 0.00 | 31.62 -0.16 0.00 | 40.42 0.20 0.00 | 45.91 0.05 0.00 | 43.81 0.00 0.00 | 39.05 0.19 0.00 | 38.96 0.27 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.09 -0.44 0.00 | 45.51 -1.46 0.00 | 45.99 -2.42 6.65 | 50.37 -3.53 19.68 | 91.64 -5.85 0.00 | 101.24 -5.55 0.00 | 82.13 -3.51 0.00 | 66.09 -1.76 0.00 | 48.80 -0.29 0.00 | 44.55 1.34 0.00 | 40.41 0.83 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 34.90 -0.17 0.00 | 30.76 0.03 0.00 | 29.86 -0.15 0.00 | 28.57 -0.29 0.00 | 28.56 -0.26 0.00 | 31.62 -0.16 0.00 | 40.43 0.20 0.00 | 45.91 0.05 0.00 | 43.81 0.00 0.00 | 39.05 0.20 0.00 | 38.92 0.23 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.09 -0.44 0.00 | 45.27 -1.69 0.00 | 45.99 -2.42 6.65 | 50.37 -3.53 19.68 | 91.64 -5.85 0.00 | 101.23 -5.56 0.00 | 82.12 -3.51 0.00 | 66.09 -1.76 0.00 | 48.40 -0.69 0.00 | 43.73 0.52 0.00 | 40.41 0.83 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 33.08 -2.00 0.00 | 29.53 -1.20 0.00 | 28.81 -1.20 0.00 | 27.76 -1.10 0.00 | 27.78 -1.04 0.00 | 30.00 -1.78 0.00 | 36.80 -3.42 0.00 | 41.46 -4.40 0.00 | 39.69 -4.12 0.00 | 35.98 -2.88 0.00 | 35.90 -2.79 0.00 | 36.72 -2.06 0.00 | 38.59 -2.68 0.00 | 40.52 -3.00 0.00 | 43.72 -3.24 0.00 | 50.16 -4.90 0.00 | 59.72 -8.98 4.89 | 79.92 -10.63 6.94 | 94.90 -11.85 0.04 | 76.99 -8.65 0.00 | 60.18 -7.67 0.00 | 44.43 -4.66 0.00 | 39.58 -3.63 0.00 | 37.56 -2.02 0.00 |
| NEG WEST___LANCASTR 23811 | 32.73 -2.35 0.00 | 29.28 -1.44 0.00 | 28.42 -1.59 0.00 | 27.38 -1.47 0.00 | 27.43 -1.38 0.00 | 29.90 -1.87 0.00 | 37.05 -3.18 0.00 | 41.92 -3.94 0.00 | 39.95 -3.86 0.00 | 36.10 -2.76 0.00 | 36.09 -2.59 0.00 | 36.87 -1.90 0.00 | 38.68 -2.60 0.00 | 40.74 -2.79 0.00 | 43.96 -3.01 0.00 | 50.49 -4.57 0.00 | 61.01 -7.73 4.85 | 82.51 -8.09 6.89 | 97.46 -9.29 0.04 | 78.79 -6.85 0.00 | 61.13 -6.72 0.00 | 44.77 -4.32 0.00 | 39.58 -3.63 0.00 | 37.12 -2.45 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 34.97 -0.10 0.00 | 30.76 0.03 0.00 | 30.01 0.00 0.00 | 28.89 0.03 0.00 | 28.88 0.06 0.00 | 31.78 0.00 0.00 | 40.06 -0.16 0.00 | 45.78 -0.09 0.00 | 43.68 -0.13 0.00 | 38.86 0.00 0.00 | 38.80 0.12 0.00 | 39.20 0.43 0.00 | 41.36 0.08 0.00 | 43.70 0.17 0.00 | 47.20 0.24 0.00 | 55.18 0.11 0.00 | 73.51 -0.07 0.00 | 97.23 0.69 0.94 | 107.74 0.96 0.01 | 86.32 0.68 0.00 | 67.65 -0.20 0.00 | 48.94 -0.15 0.00 | 43.21 0.00 0.00 | 39.62 0.04 0.00 |
| NEG___GEN_MONROE 24207 | 34.23 -0.84 0.00 | 30.48 -0.25 0.00 | 29.59 -0.42 0.00 | 28.42 -0.43 0.00 | 28.53 -0.29 0.00 | 31.18 -0.60 0.00 | 38.90 -1.33 0.00 | 44.08 -1.79 0.00 | 42.19 -1.62 0.00 | 38.08 -0.78 0.00 | 37.91 -0.77 0.00 | 38.54 -0.23 0.00 | 40.62 -0.66 0.00 | 42.69 -0.83 0.00 | 46.02 -0.94 0.00 | 53.41 -1.65 0.00 | 65.02 -3.75 4.82 | 86.07 -4.58 6.84 | 102.17 -4.59 0.03 | 82.64 -3.00 0.00 | 64.60 -3.26 0.00 | 47.37 -1.72 0.00 | 41.78 -1.43 0.00 | 38.86 -0.71 0.00 |
| NEPA___ENERGY 23901 | 33.04 -2.03 0.00 | 29.56 -1.17 0.00 | 28.69 -1.32 0.00 | 27.64 -1.21 0.00 | 27.72 -1.10 0.00 | 30.25 -1.53 0.00 | 37.57 -2.65 0.00 | 42.61 -3.26 0.00 | 40.57 -3.24 0.00 | 36.64 -2.21 0.00 | 36.64 -2.05 0.00 | 37.42 -1.36 0.00 | 39.25 -2.02 0.00 | 41.34 -2.18 0.00 | 44.57 -2.40 0.00 | 51.04 -4.02 0.00 | 61.77 -6.99 4.83 | 82.88 -7.70 6.90 | 98.96 -7.80 0.04 | 80.07 -5.57 0.00 | 62.08 -5.77 0.00 | 45.41 -3.68 0.00 | 40.10 -3.11 0.00 | 37.56 -2.02 0.00 |

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| NEVERSINK___HYD 23608 | 36.83 1.75 0.00 | 32.05 1.32 0.00 | 31.30 1.29 0.00 | 30.16 1.30 0.00 | 30.14 1.33 0.00 | 33.27 1.49 0.00 | 41.99 1.77 0.00 | 48.02 2.16 0.00 | 45.95 2.15 0.00 | 40.80 1.94 0.00 | 40.74 2.05 0.00 | 41.33 2.56 0.00 | 43.54 2.27 0.00 | 46.00 2.48 0.00 | 49.64 2.68 0.00 | 58.31 3.25 0.00 | 78.61 5.15 0.13 | 106.07 8.58 0.00 | 116.41 9.62 0.00 | 92.57 6.93 0.00 | 72.20 4.35 0.00 | 51.89 2.80 0.00 | 45.37 2.16 0.00 | 41.67 2.10 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 35.43 0.53 0.18 | 31.16 0.43 0.00 | 30.52 0.51 0.00 | 29.40 0.55 0.00 | 29.31 0.49 0.00 | 32.05 0.60 0.33 | 38.09 0.68 2.82 | 43.50 0.92 3.29 | 44.42 0.61 0.00 | 39.24 0.39 0.00 | 39.00 0.31 0.00 | 39.36 0.58 0.00 | 41.57 0.29 0.00 | 43.83 0.30 0.00 | 47.43 0.47 0.00 | 55.67 0.61 0.00 | 74.99 1.40 0.00 | 91.99 3.22 8.71 | 100.66 3.42 9.55 | 83.98 1.80 3.45 | 68.73 0.88 0.00 | 49.63 0.54 0.00 | 43.60 0.39 0.00 | 39.93 0.36 0.00 |
| NEWTON___FALLS_HYD 23847 | 35.67 0.60 0.00 | 31.43 0.71 0.00 | 30.34 0.33 0.00 | 29.03 0.17 0.00 | 29.13 0.32 0.00 | 32.35 0.57 0.00 | 41.19 0.97 0.00 | 47.01 1.15 0.00 | 44.68 0.88 0.00 | 39.40 0.54 0.00 | 39.07 0.39 0.00 | 39.08 0.31 0.00 | 41.73 0.45 0.00 | 43.87 0.35 0.00 | 47.06 0.09 0.00 | 56.06 0.22 -0.78 | 76.33 0.44 -2.31 | 97.68 0.19 0.00 | 107.43 0.64 0.00 | 87.01 1.37 0.00 | 69.14 1.29 0.00 | 50.37 1.28 0.00 | 44.38 1.17 0.00 | 40.33 0.75 0.00 |
| NGRID_A1_DSASP 323792 | 32.66 -2.42 0.00 | 29.47 -1.26 0.00 | 28.87 -1.14 0.00 | 27.85 -1.01 0.00 | 27.35 -1.47 0.00 | 29.62 -2.16 0.00 | 36.40 -3.82 0.00 | 41.28 -4.59 0.00 | 39.39 -4.42 0.00 | 35.67 -3.19 0.00 | 35.78 -2.90 0.00 | 36.41 -2.37 0.00 | 38.18 -3.10 0.00 | 40.04 -3.48 0.00 | 43.20 -3.76 0.00 | 49.51 -5.56 0.00 | 58.87 -9.86 4.86 | 77.81 -12.77 6.91 | 93.40 -13.35 0.04 | 75.71 -9.93 0.00 | 59.30 -8.55 0.00 | 43.79 -5.30 0.00 | 40.14 -3.07 0.00 | 36.69 -2.89 0.00 |
| NGRID_A2_DSASP 323793 | 32.66 -2.42 0.00 | 29.47 -1.26 0.00 | 28.87 -1.14 0.00 | 27.85 -1.01 0.00 | 27.35 -1.47 0.00 | 29.62 -2.16 0.00 | 36.40 -3.82 0.00 | 41.28 -4.59 0.00 | 39.39 -4.42 0.00 | 35.67 -3.19 0.00 | 35.78 -2.90 0.00 | 36.41 -2.37 0.00 | 38.18 -3.10 0.00 | 40.04 -3.48 0.00 | 43.20 -3.76 0.00 | 49.51 -5.56 0.00 | 58.87 -9.86 4.86 | 77.81 -12.77 6.91 | 93.40 -13.35 0.04 | 75.71 -9.93 0.00 | 59.30 -8.55 0.00 | 43.79 -5.30 0.00 | 40.14 -3.07 0.00 | 36.69 -2.89 0.00 |
| NGRID_A4_DSASP 323807 | 32.66 -2.42 0.00 | 29.47 -1.26 0.00 | 28.87 -1.14 0.00 | 27.85 -1.01 0.00 | 27.35 -1.47 0.00 | 29.62 -2.16 0.00 | 36.40 -3.82 0.00 | 41.28 -4.59 0.00 | 39.39 -4.42 0.00 | 35.67 -3.19 0.00 | 35.78 -2.90 0.00 | 36.41 -2.37 0.00 | 38.18 -3.10 0.00 | 40.04 -3.48 0.00 | 43.20 -3.76 0.00 | 49.51 -5.56 0.00 | 58.87 -9.86 4.86 | 77.81 -12.77 6.91 | 93.40 -13.35 0.04 | 75.71 -9.93 0.00 | 59.30 -8.55 0.00 | 43.79 -5.30 0.00 | 40.14 -3.07 0.00 | 36.69 -2.89 0.00 |
| NIAGARA_115E_LBMP 323715 | 33.22 -1.86 0.00 | 29.96 -0.77 0.00 | 28.36 -1.65 0.00 | 27.35 -1.50 0.00 | 27.81 -1.01 0.00 | 29.90 -1.87 0.00 | 36.40 -3.82 0.00 | 41.33 -4.54 0.00 | 39.43 -4.38 0.00 | 35.67 -3.19 0.00 | 35.78 -2.90 0.00 | 36.41 -2.37 0.00 | 38.18 -3.10 0.00 | 40.08 -3.44 0.00 | 43.25 -3.71 0.00 | 49.61 -5.45 0.00 | 59.00 -9.71 4.87 | 79.56 -11.02 6.91 | 93.62 -13.14 0.04 | 75.96 -9.68 0.00 | 59.44 -8.42 0.00 | 43.89 -5.20 0.00 | 40.23 -2.98 0.00 | 37.24 -2.34 0.00 |
| NIAGARA_115W_LBMP 323714 | 32.59 -2.49 0.00 | 29.41 -1.32 0.00 | 28.84 -1.17 0.00 | 27.82 -1.04 0.00 | 27.29 -1.53 0.00 | 29.55 -2.23 0.00 | 36.32 -3.90 0.00 | 41.14 -4.72 0.00 | 39.30 -4.51 0.00 | 35.55 -3.30 0.00 | 35.71 -2.98 0.00 | 36.29 -2.48 0.00 | 38.06 -3.22 0.00 | 39.95 -3.57 0.00 | 43.11 -3.85 0.00 | 49.39 -5.67 0.00 | 58.72 -10.01 4.86 | 77.61 -12.97 6.91 | 93.19 -13.56 0.04 | 75.53 -10.11 0.00 | 59.17 -8.69 0.00 | 43.69 -5.40 0.00 | 40.06 -3.15 0.00 | 36.61 -2.97 0.00 |
| NIAGARA_230_LBMP 323716 | 33.08 -2.00 0.00 | 29.77 -0.95 0.00 | 28.69 -1.32 0.00 | 27.70 -1.16 0.00 | 27.66 -1.15 0.00 | 30.00 -1.78 0.00 | 36.89 -3.34 0.00 | 41.83 -4.04 0.00 | 39.91 -3.90 0.00 | 36.10 -2.76 0.00 | 36.21 -2.48 0.00 | 36.80 -1.98 0.00 | 38.63 -2.64 0.00 | 40.56 -2.96 0.00 | 43.72 -3.24 0.00 | 50.22 -4.85 0.00 | 59.90 -8.83 4.85 | 79.39 -11.21 6.89 | 94.90 -11.86 0.04 | 76.90 -8.74 0.00 | 60.18 -7.67 0.00 | 44.38 -4.71 0.00 | 40.62 -2.59 0.00 | 37.16 -2.42 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 32.41 -2.67 0.00 | 29.77 -0.95 0.00 | 28.30 -1.71 0.00 | 27.24 -1.62 0.00 | 27.29 -1.53 0.00 | 29.52 -2.26 0.00 | 36.28 -3.94 0.00 | 40.87 -5.00 0.00 | 39.16 -4.64 0.00 | 35.51 -3.34 0.00 | 35.44 -3.25 0.00 | 36.25 -2.52 0.00 | 38.06 -3.22 0.00 | 39.95 -3.57 0.00 | 43.11 -3.85 0.00 | 49.39 -5.67 0.00 | 58.64 -10.08 4.86 | 77.61 -12.97 6.91 | 93.09 -13.67 0.04 | 75.53 -10.11 0.00 | 59.10 -8.75 0.00 | 43.69 -5.40 0.00 | 38.80 -4.41 0.00 | 36.57 -3.01 0.00 |
| NIAGARA____ 23760 | 33.08 -2.00 0.00 | 29.77 -0.95 0.00 | 28.69 -1.32 0.00 | 27.70 -1.16 0.00 | 27.66 -1.15 0.00 | 30.00 -1.78 0.00 | 36.89 -3.34 0.00 | 41.83 -4.04 0.00 | 39.91 -3.90 0.00 | 36.10 -2.76 0.00 | 36.21 -2.48 0.00 | 36.80 -1.98 0.00 | 38.63 -2.64 0.00 | 40.56 -2.96 0.00 | 43.72 -3.24 0.00 | 50.22 -4.85 0.00 | 59.89 -8.83 4.86 | 79.38 -11.21 6.90 | 94.90 -11.86 0.04 | 76.90 -8.74 0.00 | 60.18 -7.67 0.00 | 44.38 -4.71 0.00 | 40.62 -2.59 0.00 | 37.16 -2.42 0.00 |
| NINE_MILE_1 23575 | 34.06 -1.02 0.00 | 29.90 -0.83 0.00 | 29.11 -0.90 0.00 | 27.99 -0.86 0.00 | 27.98 -0.84 0.00 | 30.83 -0.95 0.00 | 39.06 -1.17 0.00 | 44.49 -1.37 0.00 | 42.54 -1.27 0.00 | 37.73 -1.13 0.00 | 37.60 -1.08 0.00 | 37.84 -0.93 0.00 | 40.12 -1.16 0.00 | 42.30 -1.22 0.00 | 45.70 -1.27 0.00 | 53.58 -1.48 0.00 | 71.53 -2.06 0.00 | 94.95 -2.54 0.00 | 104.13 -2.67 0.00 | 83.41 -2.23 0.00 | 65.82 -2.03 0.00 | 47.66 -1.43 0.00 | 41.95 -1.25 0.00 | 38.43 -1.15 0.00 |
| NINE_MILE_2 23744 | 34.09 -0.98 0.00 | 29.90 -0.83 0.00 | 29.11 -0.90 0.00 | 27.99 -0.86 0.00 | 27.98 -0.84 0.00 | 30.83 -0.95 0.00 | 39.10 -1.13 0.00 | 44.49 -1.37 0.00 | 42.54 -1.27 0.00 | 37.77 -1.09 0.00 | 37.60 -1.08 0.00 | 37.84 -0.93 0.00 | 40.12 -1.16 0.00 | 42.30 -1.22 0.00 | 45.70 -1.27 0.00 | 53.58 -1.48 0.00 | 71.53 -2.06 0.00 | 95.05 -2.43 0.00 | 104.13 -2.67 0.00 | 83.50 -2.14 0.00 | 65.82 -2.03 0.00 | 47.66 -1.43 0.00 | 41.95 -1.25 0.00 | 38.43 -1.15 0.00 |
| NM_CAPITAL___DRP 24208 | 36.71 0.70 -0.93 | 31.32 0.58 -0.01 | 30.64 0.63 0.00 | 29.52 0.66 0.00 | 29.45 0.63 0.00 | 34.28 0.73 -1.77 | 56.03 0.84 -14.96 | 64.36 1.05 -17.44 | 44.60 0.79 0.00 | 39.40 0.54 0.00 | 39.19 0.50 0.00 | 39.55 0.78 0.00 | 41.73 0.45 0.00 | 44.00 0.48 0.00 | 47.62 0.66 0.00 | 55.89 0.83 0.00 | 75.28 1.69 0.00 | 128.08 3.61 -26.99 | 133.58 3.84 -22.94 | 96.17 2.23 -8.30 | 69.01 1.15 0.00 | 49.78 0.69 0.00 | 43.77 0.56 0.00 | 40.09 0.51 0.00 |
| NM_CENTRAL___DRP 24181 | 34.65 -0.42 0.00 | 30.42 -0.31 0.00 | 29.65 -0.36 0.00 | 28.51 -0.35 0.00 | 28.50 -0.32 0.00 | 31.43 -0.35 0.00 | 39.82 -0.40 0.00 | 45.36 -0.50 0.00 | 43.37 -0.44 0.00 | 38.51 -0.35 0.00 | 38.38 -0.31 0.00 | 38.66 -0.12 0.00 | 40.99 -0.29 0.00 | 43.26 -0.26 0.00 | 46.73 -0.23 0.00 | 54.79 -0.28 0.00 | 73.15 -0.44 0.00 | 97.10 -0.39 0.00 | 106.47 -0.32 0.00 | 85.30 -0.34 0.00 | 67.17 -0.68 0.00 | 48.55 -0.54 0.00 | 42.65 -0.56 0.00 | 39.14 -0.44 0.00 |

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| NM_FRONTIER___DRP 24179 | 32.41 -2.67 0.00 | 29.77 -0.95 0.00 | 28.30 -1.71 0.00 | 27.24 -1.62 0.00 | 27.29 -1.53 0.00 | 29.52 -2.26 0.00 | 36.28 -3.94 0.00 | 40.87 -5.00 0.00 | 39.16 -4.64 0.00 | 35.51 -3.34 0.00 | 35.44 -3.25 0.00 | 36.25 -2.52 0.00 | 38.06 -3.22 0.00 | 39.95 -3.57 0.00 | 43.11 -3.85 0.00 | 49.39 -5.67 0.00 | 58.64 -10.08 4.86 | 77.61 -12.97 6.91 | 93.09 -13.67 0.04 | 75.53 -10.11 0.00 | 59.10 -8.75 0.00 | 43.69 -5.40 0.00 | 38.80 -4.41 0.00 | 36.57 -3.01 0.00 |
| NM_ST_REGIS___HYD 24053 | 35.43 0.35 0.00 | 31.22 0.49 0.00 | 30.25 0.24 0.00 | 28.94 0.09 0.00 | 28.99 0.17 0.00 | 32.16 0.38 0.00 | 41.07 0.84 0.00 | 46.74 0.87 0.00 | 44.51 0.70 0.00 | 39.44 0.58 0.00 | 39.23 0.54 0.00 | 39.08 0.31 0.00 | 41.81 0.54 0.00 | 43.91 0.39 0.00 | 47.01 0.05 0.00 | 56.84 0.00 -1.78 | 78.63 -0.22 -5.26 | 95.93 -1.56 0.00 | 105.51 -1.28 0.00 | 85.64 0.00 0.00 | 68.67 0.81 0.00 | 50.12 1.03 0.00 | 44.50 1.30 0.00 | 40.41 0.83 0.00 |
| NORTHPORT___1 23551 | 37.01 1.82 -0.11 | 32.20 1.47 0.00 | 31.42 1.41 0.00 | 30.33 1.47 0.00 | 30.14 1.33 0.00 | 33.54 1.56 -0.20 | 43.04 1.09 -1.73 | 45.87 1.01 1.01 | 45.07 1.27 0.01 | 41.34 2.49 0.00 | 40.77 2.09 0.00 | 41.96 3.18 -0.01 | 43.32 2.10 0.06 | 45.43 1.91 0.00 | 49.39 2.44 0.01 | 58.11 3.08 0.04 | 77.03 3.53 0.09 | 108.88 6.05 -5.34 | 118.82 6.19 -5.84 | 91.84 4.11 -2.09 | 70.24 2.44 0.05 | 50.65 1.57 0.01 | 43.72 0.52 0.01 | 40.96 1.38 0.00 |
| NORTHPORT___2 23552 | 37.01 1.82 -0.11 | 32.20 1.47 0.00 | 31.42 1.41 0.00 | 30.33 1.47 0.00 | 30.14 1.33 0.00 | 33.54 1.56 -0.20 | 43.04 1.09 -1.73 | 45.87 1.01 1.01 | 45.07 1.27 0.01 | 41.34 2.49 0.00 | 40.77 2.09 0.00 | 41.96 3.18 -0.01 | 43.32 2.10 0.06 | 45.43 1.91 0.00 | 49.39 2.44 0.01 | 58.11 3.08 0.04 | 77.03 3.53 0.09 | 108.88 6.05 -5.34 | 118.82 6.19 -5.84 | 91.84 4.11 -2.09 | 70.24 2.44 0.05 | 50.65 1.57 0.01 | 43.72 0.52 0.01 | 40.96 1.38 0.00 |
| NORTHPORT___3 23553 | 36.87 1.68 -0.11 | 31.67 0.68 -0.27 | 30.87 0.63 -0.23 | 29.71 0.69 -0.16 | 29.58 0.58 -0.19 | 33.04 0.73 -0.53 | 42.84 0.88 -1.73 | 45.12 0.28 1.03 | 44.60 0.79 0.00 | 40.83 1.44 -0.53 | 40.54 1.86 0.00 | 40.76 1.98 -0.01 | 42.30 1.28 0.26 | 44.73 1.22 0.01 | 48.52 1.60 0.04 | 56.93 2.04 0.18 | 75.79 2.57 0.37 | 107.06 4.78 -4.79 | 116.81 4.92 -5.11 | 90.50 3.08 -1.78 | 69.08 1.43 0.20 | 49.84 0.78 0.04 | 43.59 0.39 0.01 | 40.85 1.27 -0.01 |
| NORTHPORT___4 23650 | 36.87 1.68 -0.11 | 31.67 0.68 -0.27 | 30.87 0.63 -0.23 | 29.71 0.69 -0.16 | 29.58 0.58 -0.19 | 33.04 0.73 -0.53 | 42.84 0.88 -1.73 | 45.12 0.28 1.03 | 44.60 0.79 0.00 | 40.83 1.44 -0.53 | 40.54 1.86 0.00 | 40.76 1.98 -0.01 | 42.30 1.28 0.26 | 44.73 1.22 0.01 | 48.52 1.60 0.04 | 56.93 2.04 0.18 | 75.79 2.57 0.37 | 107.06 4.78 -4.79 | 116.81 4.92 -5.11 | 90.50 3.08 -1.78 | 69.08 1.43 0.20 | 49.84 0.78 0.04 | 43.59 0.39 0.01 | 40.85 1.27 -0.01 |
| NORTHPORT___IC 23718 | 37.01 1.82 -0.11 | 32.23 1.51 0.00 | 31.42 1.41 0.00 | 30.33 1.47 0.00 | 30.14 1.33 0.00 | 33.54 1.56 -0.20 | 43.12 1.17 -1.73 | 45.92 1.05 1.01 | 45.07 1.27 0.01 | 41.38 2.53 0.00 | 41.08 2.40 0.00 | 41.58 2.79 -0.01 | 43.32 2.11 0.06 | 45.43 1.91 0.00 | 49.39 2.44 0.01 | 58.11 3.08 0.04 | 77.10 3.61 0.09 | 108.78 5.95 -5.34 | 118.93 6.30 -5.84 | 91.93 4.20 -2.09 | 70.31 2.51 0.05 | 50.65 1.57 0.01 | 43.94 0.73 0.01 | 41.32 1.74 0.00 |
| NORTH___COUNTRY_ESR 323785 | 34.58 -0.49 0.00 | 30.42 -0.31 0.00 | 29.59 -0.42 0.00 | 28.34 -0.52 0.00 | 28.30 -0.52 0.00 | 31.30 -0.48 0.00 | 39.90 -0.32 0.00 | 45.32 -0.55 0.00 | 43.28 -0.52 0.00 | 38.54 -0.31 0.00 | 38.46 -0.23 0.00 | 38.27 -0.51 0.00 | 40.78 -0.49 0.00 | 42.74 -0.78 0.00 | 45.37 -1.60 0.00 | 46.14 -1.98 6.94 | 50.18 -2.87 20.54 | 92.61 -4.87 0.00 | 101.99 -4.80 0.00 | 82.56 -3.08 0.00 | 66.50 -1.36 0.00 | 48.45 -0.64 0.00 | 43.34 0.13 0.00 | 39.89 0.32 0.00 |
| NPX_GEN_1385_PROXY 323591 | 37.01 1.82 -0.11 | 32.20 1.47 0.00 | 31.42 1.41 0.00 | 30.33 1.47 0.00 | 30.14 1.33 0.00 | 33.54 1.56 -0.20 | 43.04 1.09 -1.73 | 47.73 1.01 -0.85 | 43.21 1.27 1.87 | 41.34 2.49 0.00 | 41.13 2.09 -0.36 | 41.61 3.18 0.35 | 43.32 2.10 0.06 | 45.43 1.91 0.00 | 49.39 2.44 0.01 | 58.11 3.08 0.04 | 77.03 3.53 0.09 | 108.88 6.05 -5.34 | 118.82 6.19 -5.84 | 91.84 4.11 -2.09 | 70.24 2.44 0.05 | 50.65 1.57 0.01 | 43.72 0.52 0.01 | 40.96 1.38 0.00 |
| NPX_GEN_CSC 323557 | 36.44 1.26 -0.11 | 26.20 0.80 5.32 | 26.24 0.75 4.52 | 26.56 0.81 3.11 | 25.81 0.69 3.70 | 26.39 0.86 6.24 | 42.44 0.48 -1.73 | 46.23 0.28 -0.08 | 42.44 0.61 1.99 | 29.96 1.59 10.49 | 40.59 1.55 -0.36 | 40.79 2.37 0.35 | 30.43 1.40 12.25 | 43.95 1.26 0.83 | 46.32 1.74 2.38 | 48.87 2.26 8.45 | 59.36 2.72 16.95 | 75.51 5.16 27.14 | 74.73 5.34 37.40 | 72.29 3.43 16.77 | 60.27 1.70 9.28 | 47.86 0.88 2.11 | 43.16 0.00 0.05 | 40.41 0.95 0.12 |
| NSINS_S_GLNS_FALLS 23858 | 37.16 1.37 -0.71 | 31.96 1.23 -0.01 | 31.36 1.35 0.00 | 30.21 1.36 0.00 | 30.11 1.30 0.00 | 34.53 1.40 -1.35 | 53.45 1.81 -11.42 | 61.39 2.20 -13.32 | 45.30 1.49 0.00 | 39.75 0.89 0.00 | 39.34 0.66 0.00 | 39.71 0.93 0.00 | 42.02 0.74 0.00 | 44.35 0.83 0.00 | 48.23 1.27 0.00 | 56.83 1.76 0.00 | 76.97 3.39 0.00 | 124.44 5.95 -21.01 | 131.94 7.05 -18.10 | 96.73 4.54 -6.55 | 70.91 3.05 0.00 | 51.15 2.06 0.00 | 44.89 1.69 0.00 | 41.04 1.46 0.00 |
| NUCOR_STEEL___DRP 24197 | 34.94 -0.14 0.00 | 30.73 0.00 0.00 | 29.92 -0.09 0.00 | 28.77 -0.09 0.00 | 28.76 -0.06 0.00 | 31.72 -0.06 0.00 | 40.14 -0.08 0.00 | 45.78 -0.09 0.00 | 43.81 0.00 0.00 | 38.89 0.04 0.00 | 38.73 0.04 0.00 | 39.08 0.31 0.00 | 41.40 0.12 0.00 | 43.69 0.17 0.00 | 47.15 0.19 0.00 | 55.28 0.22 0.00 | 74.52 0.15 -0.79 | 99.10 0.58 -1.03 | 107.76 0.96 -0.01 | 86.41 0.77 0.00 | 67.99 0.14 0.00 | 49.19 0.10 0.00 | 43.17 -0.04 0.00 | 39.62 0.04 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 35.92 0.84 0.00 | 31.62 0.89 0.00 | 30.34 0.33 0.00 | 29.03 0.17 0.00 | 29.17 0.35 0.00 | 32.38 0.60 0.00 | 41.19 0.96 0.00 | 47.11 1.24 0.00 | 44.73 0.92 0.00 | 39.28 0.43 0.00 | 38.92 0.23 0.00 | 39.05 0.27 0.00 | 41.57 0.29 0.00 | 43.74 0.22 0.00 | 47.06 0.09 0.00 | 55.84 0.44 -0.34 | 75.54 0.95 -1.00 | 99.24 1.76 0.00 | 109.14 2.35 0.00 | 88.21 2.57 0.00 | 69.48 1.63 0.00 | 50.42 1.33 0.00 | 44.24 1.04 0.00 | 40.25 0.67 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 35.08 0.00 0.00 | 30.73 0.00 0.00 | 30.01 0.00 0.00 | 28.86 0.00 0.00 | 28.82 0.00 0.00 | 31.78 0.00 0.00 | 40.22 0.00 0.00 | 45.87 0.00 0.00 | 43.81 0.00 0.00 | 38.86 0.00 0.00 | 38.69 0.00 0.00 | 38.77 0.00 0.00 | 41.28 0.00 0.00 | 43.52 0.00 0.00 | 46.96 0.00 0.00 | 55.06 0.00 0.00 | 73.59 0.00 0.00 | 97.49 0.00 0.00 | 106.79 0.00 0.00 | 85.64 0.00 0.00 | 67.85 0.00 0.00 | 49.09 0.00 0.00 | 43.21 0.00 0.00 | 39.58 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 37.39 2.21 -0.11 | 31.89 1.72 0.55 | 31.19 1.65 0.47 | 30.24 1.70 0.32 | 29.99 1.56 0.38 | 33.12 1.81 0.47 | 43.57 1.61 -1.73 | 46.15 1.24 0.96 | 45.67 1.88 0.02 | 40.56 2.80 1.09 | 41.32 2.63 0.00 | 42.43 3.64 -0.01 | 42.64 2.72 1.36 | 46.08 2.66 0.09 | 50.03 3.33 0.26 | 58.26 4.13 0.94 | 75.89 4.19 1.89 | 106.28 6.92 -1.87 | 115.28 7.27 -1.22 | 90.68 4.97 -0.08 | 70.27 3.46 1.04 | 51.36 2.50 0.23 | 44.45 1.25 0.01 | 41.50 1.94 0.01 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|
| NYPA_GOWANUS____GT5 24156 | 37.65 | 32.52 | 31.76 | 30.60 | 30.55 | 33.93 | 44.05 | 50.32 | 46.35 | 41.53 | 41.55 | 42.34 | 44.50 | 46.96 | 50.44 | 59.08 | 79.48 | 112.16 | 122.67 | 94.69 | 72.20 | 51.89 | 45.67 | 42.00 |
| | 2.45 | 1.78 | 1.74 | 1.73 | 1.73 | 1.94 | 2.09 | 2.43 | 2.54 | 2.68 | 2.86 | 3.57 | 3.22 | 3.44 | 3.48 | 4.02 | 5.89 | 9.16 | 9.82 | 6.85 | 4.35 | 2.80 | 2.46 | 2.41 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | -0.01 |
| NYPA_GOWANUS____GT6 24157 | 37.65 | 32.52 | 31.76 | 30.60 | 30.55 | 33.93 | 44.05 | 50.32 | 46.35 | 41.53 | 41.55 | 42.34 | 44.50 | 46.96 | 50.44 | 59.08 | 79.48 | 112.16 | 122.67 | 94.69 | 72.20 | 51.89 | 45.67 | 42.00 |
| | 2.45 | 1.78 | 1.74 | 1.73 | 1.73 | 1.94 | 2.09 | 2.43 | 2.54 | 2.68 | 2.86 | 3.57 | 3.22 | 3.44 | 3.48 | 4.02 | 5.89 | 9.16 | 9.82 | 6.85 | 4.35 | 2.80 | 2.46 | 2.41 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | -0.01 |
| NYPA_HARLEM__RVR__GT1 24160 | 37.72 | 32.55 | 31.79 | 30.62 | 30.58 | 33.93 | 44.17 | 50.32 | 46.21 | 41.41 | 41.43 | 42.22 | 44.41 | 46.87 | 50.30 | 58.86 | 79.33 | 111.96 | 122.47 | 94.43 | 72.06 | 51.89 | 45.77 | 42.20 |
| | 2.53 | 1.81 | 1.77 | 1.76 | 1.76 | 1.94 | 2.21 | 2.43 | 2.41 | 2.56 | 2.75 | 3.45 | 3.14 | 3.35 | 3.33 | 3.80 | 5.74 | 8.96 | 9.62 | 6.59 | 4.21 | 2.80 | 2.55 | 2.61 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | -0.01 | -0.01 |
| NYPA_HARLEM__RVR__GT2 24161 | 37.72 | 32.55 | 31.79 | 30.62 | 30.58 | 33.93 | 44.17 | 50.32 | 46.21 | 41.41 | 41.43 | 42.22 | 44.41 | 46.87 | 50.30 | 58.86 | 79.33 | 111.96 | 122.47 | 94.43 | 72.06 | 51.89 | 45.77 | 42.20 |
| | 2.53 | 1.81 | 1.77 | 1.76 | 1.76 | 1.94 | 2.21 | 2.43 | 2.41 | 2.56 | 2.75 | 3.45 | 3.14 | 3.35 | 3.33 | 3.80 | 5.74 | 8.96 | 9.62 | 6.59 | 4.21 | 2.80 | 2.55 | 2.61 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | -0.01 | -0.01 |
| NYPA_KENT____GT 24152 | 37.65 | 32.52 | 31.76 | 30.60 | 30.56 | 33.93 | 44.05 | 50.32 | 46.35 | 41.53 | 41.55 | 42.34 | 44.50 | 46.92 | 50.44 | 59.03 | 79.40 | 112.06 | 122.57 | 94.60 | 72.13 | 51.84 | 45.58 | 42.00 |
| | 2.45 | 1.78 | 1.74 | 1.73 | 1.73 | 1.94 | 2.09 | 2.43 | 2.54 | 2.68 | 2.86 | 3.57 | 3.22 | 3.40 | 3.48 | 3.97 | 5.81 | 9.07 | 9.72 | 6.76 | 4.28 | 2.75 | 2.37 | 2.41 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | -0.01 |
| NYPA_POUCH1____GT 24155 | 37.58 | 32.46 | 31.70 | 30.54 | 30.50 | 33.87 | 43.85 | 50.13 | 46.13 | 41.34 | 41.35 | 42.19 | 44.33 | 46.79 | 50.25 | 58.86 | 79.18 | 111.87 | 122.25 | 94.34 | 71.99 | 51.74 | 45.50 | 41.80 |
| | 2.39 | 1.72 | 1.68 | 1.67 | 1.67 | 1.87 | 1.89 | 2.25 | 2.32 | 2.49 | 2.67 | 3.41 | 3.05 | 3.27 | 3.29 | 3.80 | 5.59 | 8.87 | 9.40 | 6.51 | 4.14 | 2.65 | 2.29 | 2.21 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | -0.01 |
| NYPA_VERNON____GT2 24162 | 37.61 | 32.52 | 31.76 | 30.60 | 30.53 | 33.90 | 44.05 | 50.32 | 46.39 | 41.53 | 41.55 | 42.30 | 44.45 | 46.87 | 50.39 | 58.97 | 79.33 | 111.96 | 122.47 | 94.52 | 72.06 | 51.79 | 45.50 | 42.00 |
| | 2.42 | 1.78 | 1.74 | 1.73 | 1.70 | 1.91 | 2.09 | 2.43 | 2.58 | 2.68 | 2.86 | 3.53 | 3.18 | 3.35 | 3.43 | 3.91 | 5.74 | 8.96 | 9.62 | 6.68 | 4.21 | 2.70 | 2.29 | 2.41 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | -0.01 |
| NYPA_VERNON____GT3 24163 | 37.61 | 32.52 | 31.76 | 30.60 | 30.53 | 33.90 | 44.05 | 50.32 | 46.39 | 41.53 | 41.55 | 42.30 | 44.45 | 46.87 | 50.39 | 58.97 | 79.33 | 111.96 | 122.47 | 94.52 | 72.06 | 51.79 | 45.50 | 42.00 |
| | 2.42 | 1.78 | 1.74 | 1.73 | 1.70 | 1.91 | 2.09 | 2.43 | 2.58 | 2.68 | 2.86 | 3.53 | 3.18 | 3.35 | 3.43 | 3.91 | 5.74 | 8.96 | 9.62 | 6.68 | 4.21 | 2.70 | 2.29 | 2.41 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | -0.01 |
| NYPA____ASTORIA_CC1 323568 | 37.61 | 32.52 | 31.76 | 30.60 | 30.53 | 33.90 | 44.05 | 50.22 | 46.30 | 41.50 | 41.51 | 42.27 | 44.41 | 46.83 | 50.30 | 58.92 | 79.25 | 111.87 | 122.25 | 94.34 | 71.92 | 51.74 | 45.50 | 42.00 |
| | 2.42 | 1.78 | 1.74 | 1.73 | 1.70 | 1.91 | 2.09 | 2.34 | 2.50 | 2.64 | 2.82 | 3.49 | 3.14 | 3.31 | 3.33 | 3.85 | 5.67 | 8.87 | 9.40 | 6.51 | 4.07 | 2.65 | 2.29 | 2.41 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | -0.01 |
| NYPA____ASTORIA_CC2 323569 | 37.61 | 32.52 | 31.76 | 30.60 | 30.53 | 33.90 | 44.05 | 50.22 | 46.30 | 41.50 | 41.51 | 42.27 | 44.41 | 46.83 | 50.30 | 58.92 | 79.25 | 111.87 | 122.25 | 94.34 | 71.92 | 51.74 | 45.50 | 42.00 |
| | 2.42 | 1.78 | 1.74 | 1.73 | 1.70 | 1.91 | 2.09 | 2.34 | 2.50 | 2.64 | 2.82 | 3.49 | 3.14 | 3.31 | 3.33 | 3.85 | 5.67 | 8.87 | 9.40 | 6.51 | 4.07 | 2.65 | 2.29 | 2.41 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | 0.00 | -0.01 |
| NYPA____HOLTSVILL 23794 | 36.76 | 26.47 | 26.50 | 26.84 | 26.07 | 26.67 | 42.80 | 44.81 | 44.69 | 30.34 | 40.58 | 41.50 | 30.75 | 44.30 | 46.69 | 49.25 | 59.71 | 75.77 | 75.01 | 72.53 | 60.60 | 48.21 | 43.50 | 40.72 |
| | 1.58 | 1.07 | 1.02 | 1.10 | 0.95 | 1.14 | 0.85 | 0.73 | 1.01 | 1.98 | 1.90 | 2.71 | 1.73 | 1.61 | 2.12 | 2.64 | 3.09 | 5.46 | 5.66 | 3.68 | 2.03 | 1.23 | 0.34 | 1.27 |
| | -0.11 | 5.33 | 4.53 | 3.11 | 3.70 | 6.25 | -1.73 | 1.79 | 0.13 | 10.50 | 0.00 | -0.01 | 12.26 | 0.83 | 2.39 | 8.46 | 16.97 | 27.17 | 37.44 | 16.79 | 9.28 | 2.11 | 0.05 | 0.12 |
| NYPA____HELLGATE_GT1 24158 | 37.72 | 32.55 | 31.79 | 30.62 | 30.58 | 33.93 | 44.17 | 50.32 | 46.21 | 41.41 | 41.43 | 42.22 | 44.41 | 46.87 | 50.30 | 58.86 | 79.33 | 111.96 | 122.47 | 94.43 | 72.06 | 51.89 | 45.77 | 42.20 |
| | 2.53 | 1.81 | 1.77 | 1.76 | 1.76 | 1.94 | 2.21 | 2.43 | 2.41 | 2.56 | 2.75 | 3.45 | 3.14 | 3.35 | 3.33 | 3.80 | 5.74 | 8.96 | 9.62 | 6.59 | 4.21 | 2.80 | 2.55 | 2.61 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | -0.01 | -0.01 |
| NYPA____HELLGATE_GT2 24159 | 37.72 | 32.55 | 31.79 | 30.62 | 30.58 | 33.93 | 44.17 | 50.32 | 46.21 | 41.41 | 41.43 | 42.22 | 44.41 | 46.87 | 50.30 | 58.86 | 79.33 | 111.96 | 122.47 | 94.43 | 72.06 | 51.89 | 45.77 | 42.20 |
| | 2.53 | 1.81 | 1.77 | 1.76 | 1.76 | 1.94 | 2.21 | 2.43 | 2.41 | 2.56 | 2.75 | 3.45 | 3.14 | 3.35 | 3.33 | 3.80 | 5.74 | 8.96 | 9.62 | 6.59 | 4.21 | 2.80 | 2.55 | 2.61 |
| | -0.12 | -0.01 | -0.01 | -0.01 | -0.01 | -0.21 | -1.73 | -2.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -5.51 | -6.06 | -2.19 | 0.00 | 0.00 | -0.01 | -0.01 |
| NYS_BARGE____HYD 23848 | 33.36 | 30.05 | 28.63 | 27.62 | 27.89 | 30.13 | 36.93 | 41.92 | 39.95 | 36.13 | 36.25 | 36.88 | 38.68 | 40.61 | 43.82 | 50.27 | 60.03 | 80.42 | 95.22 | 77.25 | 60.32 | 44.53 | 40.92 | 37.64 |
| | -1.72 | -0.68 | -1.38 | -1.24 | -0.92 | -1.65 | -3.30 | -3.94 | -3.86 | -2.72 | -2.44 | -1.90 | -2.60 | -2.92 | -3.15 | -4.79 | -8.68 | -10.14 | -11.54 | -8.39 | -7.53 | -4.56 | -2.29 | -1.94 |
| | 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 | 4.87 | 6.92 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OAK ORCHARD____HYD 24046 | 34.30 | 30.51 | 29.53 | 28.39 | 28.41 | 31.08 | 38.98 | 44.40 | 42.40 | 38.16 | 38.14 | 38.62 | 40.70 | 42.82 | 46.17 | 53.69 | 65.54 | 86.46 | 102.60 | 82.90 | 64.80 | 47.47 | 42.56 | 38.74 |
| | -0.77 | -0.21 | -0.48 | -0.46 | -0.40 | -0.70 | -1.25 | -1.47 | -1.40 | -0.70 | -0.54 | -0.15 | -0.58 | -0.70 | -0.80 | -1.37 | -3.24 | -4.19 | -4.17 | -2.74 | -3.05 | -1.62 | -0.65 | -0.83 |
| | 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 | 4.81 | 6.84 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OAKDALE___35_KV_LOAD 356122 | 34.83 -0.25 0.00 | 30.60 -0.12 0.00 | 29.92 -0.09 0.00 | 28.77 -0.09 0.00 | 28.76 -0.06 0.00 | 31.65 -0.13 0.00 | 39.86 -0.36 0.00 | 45.50 -0.37 0.00 | 43.41 -0.39 0.00 | 38.62 -0.23 0.00 | 38.57 -0.12 0.00 | 38.97 0.19 0.00 | 41.15 -0.12 0.00 | 43.43 -0.09 0.00 | 46.92 -0.05 0.00 | 54.84 -0.22 0.00 | 72.42 -0.52 0.65 | 96.50 0.19 1.18 | 107.10 0.32 0.01 | 85.81 0.17 0.00 | 67.31 -0.54 0.00 | 48.70 -0.39 0.00 | 42.82 -0.39 0.00 | 39.42 -0.16 0.00 |
| OCC_CHEM___DRP 24175 | 32.48 -2.60 0.00 | 29.80 -0.92 0.00 | 28.36 -1.65 0.00 | 27.33 -1.53 0.00 | 27.35 -1.47 0.00 | 29.59 -2.19 0.00 | 36.36 -3.86 0.00 | 40.96 -4.91 0.00 | 39.25 -4.56 0.00 | 35.63 -3.22 0.00 | 35.51 -3.17 0.00 | 36.33 -2.44 0.00 | 38.18 -3.10 0.00 | 40.04 -3.48 0.00 | 43.25 -3.71 0.00 | 49.50 -5.56 0.00 | 58.79 -9.93 4.86 | 77.81 -12.77 6.91 | 93.30 -13.46 0.04 | 75.71 -9.93 0.00 | 59.23 -8.62 0.00 | 43.84 -5.25 0.00 | 38.93 -4.28 0.00 | 36.65 -2.93 0.00 |
| OH_GEN_PROXY 24063 | 33.08 -2.00 0.00 | 29.77 -0.95 0.00 | 28.69 -1.32 0.00 | 27.67 -1.18 0.00 | 27.66 -1.15 0.00 | 30.00 -1.78 0.00 | 36.93 -3.30 0.00 | 43.78 -3.94 -1.86 | 38.14 -3.81 1.86 | 36.13 -2.72 0.00 | 36.64 -2.40 -0.36 | 36.52 -1.90 0.36 | 38.68 -2.60 0.00 | 40.61 -2.92 0.00 | 43.82 -3.15 0.00 | 50.33 -4.74 0.00 | 60.14 -8.61 4.84 | 79.70 -10.92 6.87 | 95.22 -11.54 0.04 | 77.16 -8.48 0.00 | 60.39 -7.46 0.00 | 44.47 -4.62 0.00 | 40.66 -2.55 0.00 | 36.98 -2.42 0.18 |
| OLIN_CORP_DRP 24177 | 33.04 -2.03 0.00 | 29.37 -1.35 0.00 | 28.84 -1.17 0.00 | 27.79 -1.07 0.00 | 27.81 -1.01 0.00 | 29.90 -1.87 0.00 | 36.48 -3.74 0.00 | 41.10 -4.77 0.00 | 39.38 -4.42 0.00 | 35.71 -3.15 0.00 | 35.63 -3.06 0.00 | 36.45 -2.33 0.00 | 38.26 -3.01 0.00 | 40.17 -3.35 0.00 | 43.39 -3.57 0.00 | 49.72 -5.34 0.00 | 59.15 -9.57 4.87 | 79.56 -11.02 6.91 | 93.94 -12.81 0.04 | 76.22 -9.42 0.00 | 59.57 -8.28 0.00 | 44.03 -5.06 0.00 | 39.10 -4.10 0.00 | 37.24 -2.33 0.00 |
| OLIN_CORP_DSASP 323712 | 32.66 -2.42 0.00 | 29.47 -1.26 0.00 | 28.87 -1.14 0.00 | 27.85 -1.01 0.00 | 27.35 -1.47 0.00 | 29.62 -2.16 0.00 | 36.40 -3.82 0.00 | 41.28 -4.59 0.00 | 39.39 -4.42 0.00 | 35.67 -3.19 0.00 | 35.78 -2.90 0.00 | 36.41 -2.37 0.00 | 38.18 -3.10 0.00 | 40.04 -3.48 0.00 | 43.20 -3.76 0.00 | 49.51 -5.56 0.00 | 58.87 -9.86 4.86 | 77.81 -12.77 6.91 | 93.40 -13.35 0.04 | 75.71 -9.93 0.00 | 59.30 -8.55 0.00 | 43.79 -5.30 0.00 | 40.14 -3.07 0.00 | 36.69 -2.89 0.00 |
| ONEIDA_HERK_LFGE 323681 | 35.81 0.74 0.00 | 31.49 0.77 0.00 | 30.49 0.48 0.00 | 29.23 0.37 0.00 | 29.31 0.49 0.00 | 32.48 0.70 0.00 | 41.19 0.96 0.00 | 47.06 1.19 0.00 | 44.82 1.01 0.00 | 39.52 0.66 0.00 | 39.23 0.54 0.00 | 39.39 0.62 0.00 | 41.90 0.62 0.00 | 44.13 0.61 0.00 | 47.53 0.57 0.00 | 56.16 0.94 -0.16 | 75.60 1.55 -0.46 | 100.02 2.53 0.00 | 109.68 2.88 0.00 | 88.38 2.74 0.00 | 69.55 1.70 0.00 | 50.36 1.27 0.00 | 44.20 0.99 0.00 | 40.33 0.75 0.00 |
| ONEIDA___115KV_TB4 55905 | 35.81 0.74 0.00 | 31.46 0.74 0.00 | 30.61 0.60 0.00 | 29.38 0.52 0.00 | 29.45 0.63 0.00 | 32.61 0.83 0.00 | 41.31 1.09 0.00 | 47.20 1.33 0.00 | 44.99 1.18 0.00 | 39.75 0.89 0.00 | 39.46 0.77 0.00 | 39.71 0.93 0.00 | 42.14 0.87 0.00 | 44.43 0.91 0.00 | 47.95 0.99 0.00 | 56.44 1.38 0.00 | 75.65 2.06 0.00 | 100.51 3.02 0.00 | 110.32 3.52 0.00 | 88.64 3.00 0.00 | 69.68 1.83 0.00 | 50.37 1.28 0.00 | 44.20 0.99 0.00 | 40.41 0.83 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 34.87 -0.21 0.00 | 30.57 -0.15 0.00 | 29.80 -0.21 0.00 | 28.65 -0.20 0.00 | 28.65 -0.17 0.00 | 31.59 -0.19 0.00 | 40.06 -0.16 0.00 | 45.68 -0.18 0.00 | 43.68 -0.13 0.00 | 38.74 -0.12 0.00 | 38.61 -0.08 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.48 -0.04 0.00 | 47.01 0.05 0.00 | 55.12 0.06 0.00 | 73.66 0.07 0.00 | 98.45 0.10 -0.87 | 107.12 0.32 -0.01 | 85.81 0.17 0.00 | 67.51 -0.34 0.00 | 48.80 -0.29 0.00 | 42.86 -0.35 0.00 | 39.30 -0.28 0.00 |
| ONONDAGA___COGEN 23986 | 34.83 -0.25 0.00 | 30.57 -0.15 0.00 | 29.77 -0.24 0.00 | 28.63 -0.23 0.00 | 28.62 -0.20 0.00 | 31.56 -0.22 0.00 | 39.98 -0.24 0.00 | 45.59 -0.28 0.00 | 43.63 -0.18 0.00 | 38.74 -0.12 0.00 | 38.57 -0.12 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.52 0.00 0.00 | 47.01 0.05 0.00 | 55.12 0.06 0.00 | 73.59 0.00 0.00 | 97.68 0.19 0.00 | 107.22 0.43 0.00 | 85.90 0.26 0.00 | 67.65 -0.20 0.00 | 48.89 -0.20 0.00 | 42.95 -0.26 0.00 | 39.38 -0.20 0.00 |
| ONTARIO___LFGE 23819 | 34.76 -0.32 0.00 | 30.73 0.00 0.00 | 29.83 -0.18 0.00 | 28.68 -0.17 0.00 | 28.73 -0.09 0.00 | 31.62 -0.16 0.00 | 39.74 -0.48 0.00 | 45.45 -0.41 0.00 | 43.37 -0.44 0.00 | 38.59 -0.27 0.00 | 38.69 0.00 0.00 | 38.93 0.16 0.00 | 41.07 -0.21 0.00 | 43.35 -0.17 0.00 | 46.82 -0.14 0.00 | 54.79 -0.27 0.00 | 75.34 -0.88 -2.63 | 100.76 -0.68 -3.95 | 105.88 -0.86 0.06 | 85.47 -0.17 0.00 | 67.17 -0.68 0.00 | 48.70 -0.39 0.00 | 43.12 -0.09 0.00 | 39.34 -0.24 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 33.32 -1.75 0.00 | 29.77 -0.95 0.00 | 28.69 -1.32 0.00 | 27.67 -1.18 0.00 | 27.72 -1.10 0.00 | 30.22 -1.56 0.00 | 37.45 -2.77 0.00 | 42.61 -3.26 0.00 | 40.30 -3.51 0.00 | 36.17 -2.68 0.00 | 36.44 -2.24 0.00 | 37.11 -1.67 0.00 | 38.93 -2.35 0.00 | 41.00 -2.53 0.00 | 44.33 -2.63 0.00 | 51.21 -3.86 0.00 | 61.30 -6.84 5.45 | 81.99 -7.80 7.69 | 98.73 -8.01 0.05 | 79.81 -5.83 0.00 | 62.42 -5.43 0.00 | 45.65 -3.44 0.00 | 41.27 -1.94 0.00 | 37.80 -1.78 0.00 |
| ORANGEVILLE___ESR 323794 | 33.32 -1.75 0.00 | 29.77 -0.95 0.00 | 28.69 -1.32 0.00 | 27.67 -1.18 0.00 | 27.72 -1.10 0.00 | 30.22 -1.56 0.00 | 37.45 -2.77 0.00 | 42.61 -3.26 0.00 | 40.30 -3.51 0.00 | 36.17 -2.68 0.00 | 36.44 -2.24 0.00 | 37.11 -1.67 0.00 | 38.93 -2.35 0.00 | 41.00 -2.53 0.00 | 44.33 -2.63 0.00 | 51.21 -3.86 0.00 | 61.30 -6.84 5.45 | 81.99 -7.80 7.69 | 98.73 -8.01 0.05 | 79.81 -5.83 0.00 | 62.42 -5.43 0.00 | 45.65 -3.44 0.00 | 41.27 -1.94 0.00 | 37.80 -1.78 0.00 |
| OSWEGATCHIE___HYD 24044 | 35.67 0.60 0.00 | 31.43 0.71 0.00 | 30.34 0.33 0.00 | 29.03 0.17 0.00 | 29.14 0.32 0.00 | 32.35 0.57 0.00 | 41.19 0.96 0.00 | 47.01 1.15 0.00 | 44.68 0.88 0.00 | 39.36 0.50 0.00 | 39.07 0.39 0.00 | 39.08 0.31 0.00 | 41.73 0.45 0.00 | 43.87 0.35 0.00 | 47.01 0.05 0.00 | 56.06 0.22 -0.78 | 76.34 0.44 -2.31 | 97.68 0.20 0.00 | 107.44 0.64 0.00 | 87.01 1.37 0.00 | 69.14 1.29 0.00 | 50.32 1.23 0.00 | 44.33 1.12 0.00 | 40.33 0.75 0.00 |
| OSWEGO___5 23606 | 34.30 -0.77 0.00 | 30.08 -0.65 0.00 | 29.32 -0.69 0.00 | 28.19 -0.66 0.00 | 28.18 -0.63 0.00 | 31.05 -0.73 0.00 | 39.34 -0.89 0.00 | 44.81 -1.05 0.00 | 42.84 -0.96 0.00 | 38.00 -0.86 0.00 | 37.87 -0.81 0.00 | 38.12 -0.66 0.00 | 40.41 -0.87 0.00 | 42.65 -0.87 0.00 | 46.02 -0.94 0.00 | 53.96 -1.10 0.00 | 72.04 -1.55 0.00 | 95.73 -1.75 0.00 | 104.87 -1.92 0.00 | 84.10 -1.54 0.00 | 66.29 -1.56 0.00 | 48.01 -1.08 0.00 | 42.26 -0.95 0.00 | 38.71 -0.87 0.00 |
| OSWEGO___6 23613 | 34.30 -0.77 0.00 | 30.08 -0.65 0.00 | 29.32 -0.69 0.00 | 28.19 -0.66 0.00 | 28.18 -0.63 0.00 | 31.05 -0.73 0.00 | 39.34 -0.89 0.00 | 44.81 -1.05 0.00 | 42.84 -0.96 0.00 | 38.00 -0.86 0.00 | 37.87 -0.81 0.00 | 38.12 -0.66 0.00 | 40.41 -0.87 0.00 | 42.65 -0.87 0.00 | 46.02 -0.94 0.00 | 53.96 -1.10 0.00 | 72.04 -1.55 0.00 | 95.73 -1.75 0.00 | 104.87 -1.92 0.00 | 84.10 -1.54 0.00 | 66.29 -1.56 0.00 | 48.01 -1.08 0.00 | 42.26 -0.95 0.00 | 38.71 -0.87 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OUTOKUMPU-AB___DRP 24206 | 33.18 -1.89 0.00 | 29.96 -0.77 0.00 | 28.90 -1.11 0.00 | 27.82 -1.04 0.00 | 27.87 -0.95 0.00 | 30.16 -1.62 0.00 | 37.09 -3.14 0.00 | 41.83 -4.04 0.00 | 40.08 -3.72 0.00 | 36.37 -2.49 0.00 | 36.29 -2.40 0.00 | 37.15 -1.63 0.00 | 39.01 -2.27 0.00 | 40.95 -2.57 0.00 | 44.24 -2.72 0.00 | 50.49 -4.57 0.00 | 60.24 -8.46 4.88 | 80.32 -10.24 6.93 | 95.75 -11.00 0.04 | 77.68 -7.96 0.00 | 60.59 -7.26 0.00 | 44.87 -4.22 0.00 | 39.84 -3.37 0.00 | 37.60 -1.98 0.00 |
| OXBOW___BTM 323836 | 33.04 -2.04 0.00 | 29.77 -0.95 0.00 | 28.96 -1.05 0.00 | 27.96 -0.89 0.00 | 27.64 -1.18 0.00 | 29.94 -1.84 0.00 | 36.80 -3.42 0.00 | 41.79 -4.08 0.00 | 39.87 -3.94 0.00 | 36.10 -2.76 0.00 | 36.21 -2.48 0.00 | 36.88 -1.90 0.00 | 38.68 -2.60 0.00 | 40.61 -2.92 0.00 | 43.82 -3.15 0.00 | 50.11 -4.96 0.00 | 59.74 -8.98 4.87 | 79.26 -11.31 6.92 | 94.80 -11.96 0.04 | 76.82 -8.82 0.00 | 60.05 -7.80 0.00 | 44.38 -4.71 0.00 | 40.66 -2.55 0.00 | 37.20 -2.37 0.00 |
| OXBOW___ 24026 | 32.87 -2.21 0.00 | 29.93 -0.80 0.00 | 28.66 -1.35 0.00 | 27.62 -1.24 0.00 | 27.64 -1.18 0.00 | 29.94 -1.84 0.00 | 36.76 -3.46 0.00 | 41.46 -4.40 0.00 | 39.73 -4.07 0.00 | 36.06 -2.80 0.00 | 35.98 -2.71 0.00 | 36.80 -1.98 0.00 | 38.68 -2.60 0.00 | 40.60 -2.92 0.00 | 43.82 -3.15 0.00 | 50.11 -4.96 0.00 | 59.66 -9.05 4.87 | 79.26 -11.31 6.92 | 94.69 -12.07 0.04 | 76.82 -8.82 0.00 | 60.05 -7.80 0.00 | 44.43 -4.66 0.00 | 39.45 -3.76 0.00 | 37.16 -2.41 0.00 |
| OXY_CHEM_DSASP 323612 | 32.48 -2.60 0.00 | 29.80 -0.92 0.00 | 28.36 -1.65 0.00 | 27.33 -1.53 0.00 | 27.35 -1.47 0.00 | 29.59 -2.19 0.00 | 36.36 -3.86 0.00 | 40.96 -4.91 0.00 | 39.25 -4.56 0.00 | 35.63 -3.22 0.00 | 35.51 -3.17 0.00 | 36.33 -2.44 0.00 | 38.18 -3.10 0.00 | 40.04 -3.48 0.00 | 43.25 -3.71 0.00 | 49.50 -5.56 0.00 | 58.79 -9.93 4.86 | 77.81 -12.77 6.91 | 93.30 -13.46 0.04 | 75.71 -9.93 0.00 | 59.23 -8.62 0.00 | 43.84 -5.25 0.00 | 38.93 -4.28 0.00 | 36.65 -2.93 0.00 |
| OZONE_PARK_ESR 323760 | 37.74 2.56 -0.11 | 32.60 1.87 0.00 | 31.81 1.80 0.00 | 30.65 1.79 0.00 | 30.58 1.76 0.00 | 33.99 2.00 -0.20 | 44.29 2.33 -1.73 | 50.73 2.84 -2.02 | 46.79 2.98 0.00 | 41.81 2.95 0.00 | 41.86 3.17 0.00 | 42.54 3.76 0.00 | 44.66 3.38 0.00 | 47.09 3.57 0.00 | 50.77 3.80 0.00 | 59.47 4.41 0.00 | 79.99 6.40 0.00 | 112.94 9.94 -5.51 | 123.53 10.68 -6.06 | 95.45 7.62 -2.19 | 72.81 4.95 0.00 | 52.23 3.14 0.00 | 45.84 2.64 0.00 | 42.15 2.57 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 32.48 -2.60 0.00 | 29.80 -0.92 0.00 | 28.36 -1.65 0.00 | 27.33 -1.53 0.00 | 27.35 -1.47 0.00 | 29.59 -2.19 0.00 | 36.36 -3.86 0.00 | 40.96 -4.91 0.00 | 39.25 -4.56 0.00 | 35.63 -3.22 0.00 | 35.51 -3.17 0.00 | 36.33 -2.44 0.00 | 38.18 -3.10 0.00 | 40.04 -3.48 0.00 | 43.25 -3.71 0.00 | 49.50 -5.56 0.00 | 58.79 -9.93 4.86 | 77.81 -12.77 6.91 | 93.30 -13.46 0.04 | 75.71 -9.93 0.00 | 59.23 -8.62 0.00 | 43.84 -5.25 0.00 | 38.93 -4.28 0.00 | 36.65 -2.93 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 32.48 -2.60 0.00 | 29.80 -0.92 0.00 | 28.36 -1.65 0.00 | 27.33 -1.53 0.00 | 27.35 -1.47 0.00 | 29.59 -2.19 0.00 | 36.36 -3.86 0.00 | 40.96 -4.91 0.00 | 39.25 -4.56 0.00 | 35.63 -3.22 0.00 | 35.51 -3.17 0.00 | 36.33 -2.44 0.00 | 38.18 -3.10 0.00 | 40.04 -3.48 0.00 | 43.25 -3.71 0.00 | 49.50 -5.56 0.00 | 58.79 -9.93 4.86 | 77.81 -12.77 6.91 | 93.30 -13.46 0.04 | 75.71 -9.93 0.00 | 59.23 -8.62 0.00 | 43.84 -5.25 0.00 | 38.93 -4.28 0.00 | 36.65 -2.93 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 37.68 2.49 -0.12 | 32.55 1.81 -0.01 | 31.79 1.77 -0.01 | 30.62 1.76 -0.01 | 30.56 1.73 -0.01 | 33.90 1.91 -0.21 | 44.13 2.17 -1.73 | 50.27 2.39 -2.02 | 46.17 2.37 0.00 | 41.38 2.53 0.00 | 41.43 2.75 0.00 | 42.15 3.37 0.00 | 44.33 3.05 0.00 | 46.74 3.22 0.00 | 50.16 3.19 0.00 | 58.75 3.69 0.00 | 79.18 5.59 0.00 | 111.77 8.77 -5.51 | 122.25 9.40 -6.06 | 94.26 6.42 -2.19 | 71.92 4.07 0.00 | 51.74 2.65 0.00 | 45.81 2.59 -0.01 | 42.12 2.53 -0.01 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 38.03 2.84 -0.12 | 32.89 2.15 -0.01 | 32.12 2.10 -0.01 | 30.94 2.08 -0.01 | 30.87 2.05 -0.01 | 34.25 2.26 -0.21 | 44.57 2.61 -1.73 | 50.78 2.89 -2.02 | 46.66 2.85 0.00 | 41.73 2.88 0.00 | 41.82 3.13 0.00 | 42.54 3.76 0.00 | 44.74 3.47 0.00 | 47.18 3.66 0.00 | 50.67 3.71 0.00 | 59.36 4.30 0.00 | 79.92 6.33 0.00 | 113.04 10.04 -5.51 | 123.42 10.57 -6.06 | 95.20 7.37 -2.19 | 72.60 4.75 0.00 | 52.28 3.19 0.00 | 46.24 3.02 -0.01 | 42.55 2.97 -0.01 |
| PATROON___115KV_TB1 80586 | 36.07 0.63 -0.36 | 31.25 0.52 0.00 | 30.61 0.60 0.00 | 29.49 0.63 0.00 | 29.39 0.58 0.00 | 33.13 0.67 -0.68 | 46.82 0.80 -5.79 | 53.68 1.05 -6.76 | 44.55 0.74 0.00 | 39.36 0.51 0.00 | 39.11 0.43 0.00 | 39.47 0.70 0.00 | 41.69 0.41 0.00 | 43.96 0.44 0.00 | 47.62 0.66 0.00 | 55.84 0.77 0.00 | 75.28 1.69 0.00 | 109.73 3.51 -8.73 | 116.94 3.74 -6.41 | 90.10 2.14 -2.32 | 68.94 1.09 0.00 | 49.78 0.69 0.00 | 43.73 0.52 0.00 | 40.05 0.47 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 36.73 1.23 -0.43 | 31.78 1.05 0.00 | 31.12 1.11 0.00 | 29.98 1.12 0.00 | 29.91 1.09 0.00 | 33.82 1.24 -0.80 | 48.61 1.57 -6.82 | 55.60 1.79 -7.95 | 44.86 1.05 0.00 | 39.40 0.54 0.00 | 38.99 0.31 0.00 | 39.36 0.58 0.00 | 41.65 0.37 0.00 | 44.00 0.48 0.00 | 47.76 0.80 0.00 | 56.44 1.38 0.00 | 76.38 2.80 0.00 | 114.65 4.97 -12.19 | 122.97 5.87 -10.31 | 93.48 4.11 -3.73 | 70.57 2.72 0.00 | 50.95 1.86 0.00 | 44.72 1.51 0.00 | 40.92 1.35 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 32.97 -2.10 0.00 | 29.50 -1.23 0.00 | 28.66 -1.35 0.00 | 27.62 -1.24 0.00 | 27.67 -1.15 0.00 | 30.09 -1.68 0.00 | 37.21 -3.02 0.00 | 42.06 -3.81 0.00 | 40.17 -3.64 0.00 | 36.33 -2.53 0.00 | 36.29 -2.40 0.00 | 37.11 -1.67 0.00 | 38.96 -2.31 0.00 | 41.00 -2.52 0.00 | 44.29 -2.68 0.00 | 50.77 -4.30 0.00 | 61.21 -7.51 4.87 | 82.48 -8.09 6.92 | 97.67 -9.08 0.04 | 78.96 -6.68 0.00 | 61.41 -6.45 0.00 | 45.02 -4.07 0.00 | 39.84 -3.37 0.00 | 37.44 -2.14 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 37.31 2.14 -0.10 | 32.39 1.66 0.00 | 31.60 1.59 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.74 1.78 -0.18 | 43.91 2.13 -1.55 | 50.25 2.57 -1.81 | 46.48 2.67 0.00 | 41.34 2.49 0.00 | 41.39 2.71 0.00 | 41.99 3.22 0.00 | 44.25 2.97 0.00 | 46.65 3.13 0.00 | 50.20 3.24 0.00 | 58.86 3.80 0.00 | 79.25 5.67 0.00 | 111.66 9.07 -5.10 | 122.40 9.93 -5.68 | 94.63 6.94 -2.05 | 72.19 4.34 0.00 | 51.94 2.85 0.00 | 45.54 2.33 0.00 | 41.83 2.26 0.00 |
| PEEKSKILL___ 23653 | 37.04 1.86 -0.10 | 32.05 1.32 0.00 | 31.33 1.32 0.00 | 30.21 1.36 0.00 | 30.14 1.33 0.00 | 33.47 1.49 -0.20 | 43.63 1.73 -1.68 | 49.94 2.11 -1.96 | 46.04 2.23 0.00 | 41.03 2.17 0.00 | 41.01 2.32 0.00 | 41.68 2.91 0.00 | 43.79 2.52 0.00 | 46.22 2.70 0.00 | 49.83 2.87 0.00 | 58.37 3.30 0.00 | 78.52 4.93 0.00 | 110.84 8.00 -5.36 | 121.34 8.65 -5.90 | 93.86 6.08 -2.14 | 71.51 3.66 0.00 | 51.45 2.36 0.00 | 44.98 1.77 0.00 | 41.44 1.86 0.00 |
| PGE MADISON___WINDPWR 24146 | 37.04 1.96 0.00 | 32.75 2.03 0.00 | 31.78 1.77 0.00 | 30.36 1.50 0.00 | 30.63 1.82 0.00 | 34.16 2.38 0.00 | 43.36 3.14 0.00 | 49.81 3.94 0.00 | 47.14 3.33 0.00 | 41.23 2.37 0.00 | 40.62 1.93 0.00 | 41.18 2.40 0.00 | 43.67 2.39 0.00 | 46.00 2.48 0.00 | 49.59 2.63 0.00 | 58.97 3.91 0.00 | 85.83 6.18 -6.07 | 115.69 10.43 -7.78 | 118.82 11.96 -0.07 | 96.26 10.62 0.00 | 74.91 7.06 0.00 | 53.85 4.76 0.00 | 46.97 3.76 0.00 | 42.82 3.25 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PIERCEFIELD___HYD 23852 | 35.50 0.42 0.00 | 31.28 0.55 0.00 | 30.31 0.30 0.00 | 29.00 0.14 0.00 | 29.05 0.23 0.00 | 32.22 0.44 0.00 | 41.11 0.88 0.00 | 46.83 0.96 0.00 | 44.60 0.79 0.00 | 39.44 0.58 0.00 | 39.23 0.54 0.00 | 39.05 0.27 0.00 | 41.85 0.58 0.00 | 44.00 0.48 0.00 | 47.15 0.19 0.00 | 56.43 0.22 -1.15 | 76.99 0.00 -3.40 | 96.32 -1.17 0.00 | 105.83 -0.96 0.00 | 85.81 0.17 0.00 | 68.80 0.95 0.00 | 50.17 1.08 0.00 | 44.46 1.25 0.00 | 40.37 0.79 0.00 |
| PINELAWN_CC_1 323563 | 37.22 2.03 -0.11 | 31.89 1.41 0.25 | 31.15 1.35 0.21 | 30.12 1.41 0.15 | 29.91 1.27 0.17 | 33.17 1.49 0.10 | 43.40 1.45 -1.73 | 46.64 1.37 0.60 | 45.50 1.71 0.01 | 40.73 2.37 0.50 | 41.13 2.44 0.00 | 42.00 3.22 -0.01 | 43.10 2.43 0.61 | 45.91 2.44 0.04 | 49.85 3.01 0.12 | 58.39 3.75 0.42 | 77.30 4.56 0.86 | 108.76 7.41 -3.87 | 118.57 7.90 -3.88 | 92.27 5.40 -1.24 | 70.70 3.32 0.47 | 51.24 2.26 0.11 | 44.45 1.25 0.01 | 41.39 1.82 0.01 |
| PJM_GEN_HTP_PROXY 323702 | 28.12 2.21 9.17 | 32.29 1.57 0.00 | 31.54 1.53 0.00 | 30.41 1.56 0.00 | 30.34 1.53 0.00 | 33.70 1.71 -0.20 | 43.93 1.97 -1.73 | 52.13 2.38 -3.88 | 44.49 2.54 1.86 | 41.42 2.56 0.00 | 41.75 2.71 -0.36 | 41.75 3.34 0.36 | 44.25 2.97 0.00 | 46.66 3.14 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.18 5.59 0.00 | 111.77 8.78 -5.51 | 122.25 9.40 -6.06 | 94.43 6.59 -2.19 | 72.06 4.21 0.00 | 51.74 2.65 0.00 | 45.24 2.03 0.00 | 41.71 2.14 0.00 |
| PJM_GEN_KEystone 24065 | 34.97 -0.10 0.00 | 30.23 0.03 0.53 | 29.32 -0.12 0.57 | 28.30 -0.03 0.53 | 28.82 0.00 0.00 | 31.65 -0.13 0.00 | 39.66 -0.56 0.00 | 47.18 -0.55 -1.86 | 41.38 -0.57 1.86 | 38.70 -0.15 0.00 | 39.12 0.08 -0.36 | 39.00 0.58 0.36 | 41.32 0.04 0.00 | 43.56 0.04 0.00 | 47.01 0.05 0.00 | 54.68 -0.38 0.00 | 70.52 -0.96 2.11 | 94.79 0.00 2.69 | 112.24 0.32 -5.13 | 87.78 0.00 -2.14 | 65.79 -1.09 0.97 | 48.30 -0.79 0.00 | 41.82 -0.39 1.00 | 37.21 -0.24 2.13 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 36.90 1.72 -0.11 | 31.80 1.07 0.00 | 31.03 1.02 0.00 | 29.92 1.07 0.00 | 29.77 0.95 0.00 | 33.13 1.14 -0.20 | 43.04 1.09 -1.73 | 47.67 1.19 -0.61 | 43.38 1.44 1.87 | 40.76 1.90 0.00 | 41.17 2.13 -0.36 | 41.18 2.75 0.35 | 43.34 2.06 0.00 | 45.57 2.05 0.00 | 49.45 2.49 0.00 | 58.09 3.03 0.00 | 77.48 3.90 0.01 | 109.52 6.53 -5.50 | 119.69 6.84 -6.06 | 92.45 4.62 -2.19 | 70.49 2.64 0.01 | 50.76 1.67 0.00 | 44.20 0.99 0.01 | 41.04 1.47 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 37.25 2.07 -0.11 | 32.20 1.47 0.00 | 31.45 1.44 0.00 | 30.30 1.44 0.00 | 30.23 1.41 0.00 | 33.54 1.56 -0.20 | 43.68 1.73 -1.72 | 51.90 2.16 -3.88 | 44.26 2.32 1.87 | 41.22 2.37 0.01 | 41.55 2.51 -0.35 | 41.55 3.14 0.36 | 43.99 2.72 0.01 | 46.39 2.87 0.00 | 49.97 3.01 0.00 | 58.54 3.47 0.00 | 78.81 5.23 0.00 | 111.28 8.28 -5.51 | 121.71 8.86 -6.06 | 94.00 6.17 -2.19 | 71.65 3.80 0.00 | 51.45 2.36 0.00 | 44.97 1.77 0.01 | 41.51 1.94 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 34.79 -0.28 0.00 | 30.67 -0.06 0.00 | 29.77 -0.24 0.00 | 28.51 -0.35 0.00 | 28.47 -0.35 0.00 | 31.52 -0.25 0.00 | 40.22 0.00 0.00 | 45.68 -0.18 0.00 | 43.63 -0.18 0.00 | 38.89 0.04 0.00 | 38.84 0.15 0.00 | 38.74 -0.04 0.00 | 41.07 -0.21 0.00 | 42.91 -0.61 0.00 | 45.18 -1.78 0.00 | 45.50 -2.97 6.59 | 49.67 -4.42 19.50 | 90.27 -7.21 0.00 | 99.74 -7.05 0.00 | 80.84 -4.80 0.00 | 65.14 -2.71 0.00 | 48.35 -0.74 0.00 | 44.38 1.17 0.00 | 40.33 0.75 0.00 |
| PLEASANTVLY___LBMP 24000 | 36.92 1.72 -0.12 | 31.99 1.26 0.00 | 31.27 1.26 0.00 | 30.13 1.27 0.00 | 30.06 1.24 0.00 | 33.41 1.40 -0.24 | 43.83 1.61 -1.99 | 50.16 1.97 -2.32 | 45.82 2.02 0.00 | 40.72 1.87 0.00 | 40.74 2.05 0.00 | 41.30 2.52 0.00 | 43.42 2.15 0.00 | 45.78 2.26 0.00 | 49.36 2.40 0.00 | 57.87 2.81 0.00 | 77.86 4.27 0.00 | 110.73 7.02 -6.23 | 121.19 7.58 -6.82 | 93.33 5.22 -2.47 | 71.04 3.19 0.00 | 51.10 2.01 0.00 | 44.89 1.69 0.00 | 41.20 1.62 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 37.19 2.00 -0.11 | 32.20 1.47 0.00 | 31.45 1.44 0.00 | 30.33 1.47 0.00 | 30.26 1.44 0.00 | 33.61 1.62 -0.21 | 43.88 1.89 -1.77 | 50.22 2.29 -2.06 | 46.17 2.37 0.00 | 41.15 2.29 0.00 | 41.20 2.51 0.00 | 41.80 3.02 0.00 | 43.96 2.68 0.00 | 46.31 2.79 0.00 | 49.92 2.96 0.00 | 58.53 3.47 0.00 | 78.74 5.15 0.00 | 111.38 8.29 -5.61 | 121.82 8.86 -6.17 | 94.12 6.25 -2.23 | 71.72 3.87 0.00 | 51.54 2.45 0.00 | 45.24 2.03 0.00 | 41.55 1.98 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 37.19 2.00 -0.11 | 32.20 1.47 0.00 | 31.45 1.44 0.00 | 30.33 1.47 0.00 | 30.26 1.44 0.00 | 33.61 1.62 -0.21 | 43.88 1.89 -1.77 | 50.22 2.29 -2.06 | 46.17 2.37 0.00 | 41.15 2.29 0.00 | 41.20 2.51 0.00 | 41.80 3.02 0.00 | 43.96 2.68 0.00 | 46.31 2.79 0.00 | 49.92 2.96 0.00 | 58.53 3.47 0.00 | 78.74 5.15 0.00 | 111.38 8.29 -5.61 | 121.82 8.86 -6.17 | 94.12 6.25 -2.23 | 71.72 3.87 0.00 | 51.54 2.45 0.00 | 45.24 2.03 0.00 | 41.55 1.98 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 37.06 1.89 -0.09 | 32.14 1.41 0.00 | 31.42 1.41 0.00 | 30.27 1.41 0.00 | 30.20 1.38 0.00 | 33.50 1.56 -0.16 | 43.44 1.85 -1.37 | 49.67 2.20 -1.60 | 46.00 2.19 0.00 | 40.84 1.98 0.00 | 40.85 2.17 0.00 | 41.41 2.64 0.00 | 43.59 2.31 0.00 | 45.96 2.44 0.00 | 49.59 2.63 0.00 | 58.15 3.08 0.00 | 78.37 4.78 0.00 | 110.07 7.90 -4.69 | 120.72 8.65 -5.28 | 93.63 6.08 -1.91 | 71.65 3.80 0.00 | 51.54 2.45 0.00 | 45.24 2.03 0.00 | 41.52 1.94 0.00 |
| POLETTI_____ 23519 | 23.88 2.17 13.37 | 22.96 1.54 9.30 | 22.99 1.50 8.52 | 22.96 1.50 7.40 | 22.96 1.47 7.33 | 22.96 1.62 10.44 | 22.96 1.89 19.15 | 25.70 2.06 22.23 | 23.30 2.06 22.57 | 22.97 2.25 18.14 | 26.72 2.48 14.45 | 26.68 3.14 15.24 | 26.64 2.77 17.40 | 27.63 2.96 18.85 | 29.62 2.91 20.26 | 39.82 3.36 18.61 | 60.00 5.22 18.81 | 92.53 8.19 13.15 | 102.92 8.76 12.63 | 75.01 5.91 16.54 | 52.60 3.66 18.92 | 32.36 2.36 19.09 | 26.81 2.33 18.73 | 26.64 2.26 15.19 |
| POMONA___ESR 323819 | 36.96 1.79 -0.10 | 32.02 1.29 0.00 | 31.27 1.26 0.00 | 30.16 1.30 0.00 | 30.12 1.30 0.00 | 33.43 1.46 -0.18 | 43.48 1.69 -1.56 | 49.76 2.07 -1.82 | 45.95 2.15 0.00 | 40.99 2.14 0.00 | 40.97 2.28 0.00 | 41.60 2.83 0.00 | 43.75 2.48 0.00 | 46.18 2.66 0.00 | 49.78 2.82 0.00 | 58.31 3.25 0.00 | 78.52 4.93 0.00 | 110.52 8.00 -5.04 | 121.11 8.76 -5.56 | 93.82 6.17 -2.01 | 71.58 3.73 0.00 | 51.45 2.36 0.00 | 44.98 1.77 0.00 | 41.44 1.86 0.00 |
| PORT_JEFF_3 23555 | 36.76 1.58 -0.11 | 26.37 1.05 5.41 | 26.41 0.99 4.59 | 26.77 1.07 3.16 | 25.99 0.92 3.75 | 26.55 1.11 6.34 | 42.80 0.85 -1.73 | 44.76 0.69 1.79 | 44.69 1.01 0.13 | 30.15 1.94 10.65 | 40.58 1.90 0.00 | 41.50 2.71 -0.01 | 30.61 1.77 12.44 | 44.33 1.65 0.84 | 46.56 2.02 2.42 | 48.96 2.48 8.58 | 59.24 2.87 17.21 | 74.81 4.97 27.65 | 73.84 5.13 38.08 | 71.82 3.25 17.07 | 60.19 1.76 9.42 | 48.08 1.13 2.14 | 43.55 0.39 0.05 | 40.72 1.27 0.12 |
| PORT_JEFF_4 23616 | 36.76 1.58 -0.11 | 26.37 1.05 5.41 | 26.41 0.99 4.59 | 26.77 1.07 3.16 | 25.99 0.92 3.75 | 26.55 1.11 6.34 | 42.80 0.85 -1.73 | 44.76 0.69 1.79 | 44.69 1.01 0.13 | 30.15 1.94 10.65 | 40.58 1.90 0.00 | 41.50 2.71 -0.01 | 30.61 1.77 12.44 | 44.33 1.65 0.84 | 46.56 2.02 2.42 | 48.96 2.48 8.58 | 59.24 2.87 17.21 | 74.81 4.97 27.65 | 73.84 5.13 38.08 | 71.82 3.25 17.07 | 60.19 1.76 9.42 | 48.08 1.13 2.14 | 43.55 0.39 0.05 | 40.72 1.27 0.12 |

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| PORT_JEFF_IC 23713 | 36.83 1.65 -0.11 | 26.15 1.11 5.68 | 26.23 1.05 4.83 | 26.66 1.13 3.32 | 25.85 0.98 3.95 | 26.27 1.18 6.68 | 42.96 1.01 -1.73 | 44.88 0.83 1.82 | 44.77 1.10 0.13 | 29.72 2.06 11.20 | 41.01 2.32 0.00 | 41.54 2.75 -0.01 | 30.04 1.86 13.10 | 44.37 1.74 0.89 | 46.57 2.16 2.55 | 48.73 2.70 9.04 | 58.70 3.24 18.12 | 72.96 4.87 29.40 | 71.62 5.23 40.40 | 70.81 3.25 18.08 | 59.63 1.70 9.91 | 48.06 1.23 2.26 | 43.89 0.73 0.05 | 40.80 1.35 0.13 |
| PPL PILGRIM_ST_GT1 24216 | 37.39 2.21 -0.11 | 31.89 1.72 0.55 | 31.19 1.65 0.47 | 30.24 1.70 0.32 | 29.99 1.56 0.38 | 33.12 1.81 0.47 | 43.57 1.61 -1.73 | 46.15 1.24 0.96 | 45.67 1.88 0.02 | 40.56 2.80 1.09 | 41.32 2.63 0.00 | 42.43 3.64 -0.01 | 42.64 2.72 1.36 | 46.08 2.66 0.09 | 50.03 3.33 0.26 | 58.26 4.13 0.94 | 75.89 4.19 1.89 | 106.28 6.92 -1.87 | 115.28 7.27 -1.22 | 90.68 4.97 -0.08 | 70.27 3.46 1.04 | 51.36 2.50 0.23 | 44.45 1.25 0.01 | 41.50 1.94 0.01 |
| PPL PILGRIM_ST_GT2 24217 | 37.39 2.21 -0.11 | 31.89 1.72 0.55 | 31.19 1.65 0.47 | 30.24 1.70 0.32 | 29.99 1.56 0.38 | 33.12 1.81 0.47 | 43.57 1.61 -1.73 | 46.15 1.24 0.96 | 45.67 1.88 0.02 | 40.56 2.80 1.09 | 41.32 2.63 0.00 | 42.43 3.64 -0.01 | 42.64 2.72 1.36 | 46.08 2.66 0.09 | 50.03 3.33 0.26 | 58.26 4.13 0.94 | 75.89 4.19 1.89 | 106.28 6.92 -1.87 | 115.28 7.27 -1.22 | 90.68 4.97 -0.08 | 70.27 3.46 1.04 | 51.36 2.50 0.23 | 44.45 1.25 0.01 | 41.50 1.94 0.01 |
| PPL_SHRM_GT3 24213 | 36.38 1.19 -0.11 | 26.10 0.74 5.37 | 26.14 0.69 4.56 | 26.50 0.78 3.13 | 25.72 0.63 3.73 | 26.28 0.79 6.30 | 42.40 0.44 -1.73 | 44.32 0.23 1.78 | 44.21 0.53 0.13 | 29.80 1.51 10.57 | 40.16 1.47 0.00 | 41.07 2.29 -0.01 | 30.20 1.28 12.36 | 43.86 1.18 0.84 | 46.20 1.64 2.41 | 48.74 2.20 8.53 | 59.06 2.57 17.10 | 75.22 5.16 27.43 | 74.35 5.34 37.78 | 72.13 3.43 16.94 | 60.19 1.70 9.36 | 47.80 0.83 2.13 | 43.11 -0.04 0.05 | 40.33 0.87 0.12 |
| PPL_SHRM_GT4 24214 | 36.38 1.19 -0.11 | 26.10 0.74 5.37 | 26.14 0.69 4.56 | 26.50 0.78 3.13 | 25.72 0.63 3.73 | 26.28 0.79 6.30 | 42.40 0.44 -1.73 | 44.32 0.23 1.78 | 44.21 0.53 0.13 | 29.80 1.51 10.57 | 40.16 1.47 0.00 | 41.07 2.29 -0.01 | 30.20 1.28 12.36 | 43.86 1.18 0.84 | 46.20 1.64 2.41 | 48.74 2.20 8.53 | 59.06 2.57 17.10 | 75.22 5.16 27.43 | 74.35 5.34 37.78 | 72.13 3.43 16.94 | 60.19 1.70 9.36 | 47.80 0.83 2.13 | 43.11 -0.04 0.05 | 40.33 0.87 0.12 |
| PROJECT___ORANGE 1 24174 | 34.69 -0.39 0.00 | 30.42 -0.31 0.00 | 29.65 -0.36 0.00 | 28.51 -0.35 0.00 | 28.50 -0.32 0.00 | 31.43 -0.35 0.00 | 39.82 -0.40 0.00 | 45.36 -0.50 0.00 | 43.41 -0.39 0.00 | 38.54 -0.31 0.00 | 38.38 -0.31 0.00 | 38.70 -0.08 0.00 | 41.03 -0.25 0.00 | 43.30 -0.22 0.00 | 46.78 -0.19 0.00 | 54.79 -0.28 0.00 | 73.22 -0.37 0.00 | 97.19 -0.29 0.00 | 106.58 -0.21 0.00 | 85.30 -0.34 0.00 | 67.17 -0.68 0.00 | 48.60 -0.49 0.00 | 42.65 -0.56 0.00 | 39.18 -0.40 0.00 |
| PROJECT___ORANGE 2 24166 | 34.69 -0.39 0.00 | 30.42 -0.31 0.00 | 29.65 -0.36 0.00 | 28.51 -0.35 0.00 | 28.50 -0.32 0.00 | 31.43 -0.35 0.00 | 39.82 -0.40 0.00 | 45.36 -0.50 0.00 | 43.41 -0.39 0.00 | 38.54 -0.31 0.00 | 38.38 -0.31 0.00 | 38.70 -0.08 0.00 | 41.03 -0.25 0.00 | 43.30 -0.22 0.00 | 46.78 -0.19 0.00 | 54.79 -0.28 0.00 | 73.22 -0.37 0.00 | 97.19 -0.29 0.00 | 106.58 -0.21 0.00 | 85.30 -0.34 0.00 | 67.17 -0.68 0.00 | 48.60 -0.49 0.00 | 42.65 -0.56 0.00 | 39.18 -0.40 0.00 |
| PUCKETT___SOLAR 323809 | 37.29 2.21 0.00 | 32.91 2.18 0.00 | 31.99 1.98 0.00 | 30.62 1.76 0.00 | 30.86 2.05 0.00 | 34.35 2.57 0.00 | 43.60 3.38 0.00 | 50.13 4.27 0.00 | 47.36 3.55 0.00 | 41.34 2.49 0.00 | 40.74 2.05 0.00 | 41.22 2.44 0.00 | 43.63 2.35 0.00 | 45.96 2.44 0.00 | 49.64 2.68 0.00 | 59.03 3.97 0.00 | 83.94 6.48 -3.88 | 113.50 11.11 -4.90 | 119.54 12.70 -0.04 | 96.60 10.96 0.00 | 75.18 7.33 0.00 | 53.76 4.67 0.00 | 47.01 3.80 0.00 | 42.74 3.17 0.00 |
| PYRITES___HYD 24023 | 35.85 0.77 0.00 | 31.62 0.89 0.00 | 30.64 0.63 0.00 | 29.29 0.43 0.00 | 29.39 0.58 0.00 | 32.64 0.86 0.00 | 41.63 1.41 0.00 | 47.43 1.56 0.00 | 45.08 1.27 0.00 | 39.75 0.89 0.00 | 39.46 0.77 0.00 | 39.24 0.47 0.00 | 42.10 0.83 0.00 | 44.26 0.74 0.00 | 47.48 0.52 0.00 | 56.79 0.72 -1.01 | 77.32 0.74 -3.00 | 97.49 0.00 0.00 | 107.43 0.64 0.00 | 87.35 1.71 0.00 | 70.02 2.17 0.00 | 50.91 1.82 0.00 | 44.98 1.77 0.00 | 40.80 1.23 0.00 |
| QUAKERRD_115KV_BK1 80622 | 33.43 -1.65 0.00 | 29.65 -1.08 0.00 | 28.81 -1.20 0.00 | 27.67 -1.18 0.00 | 27.72 -1.10 0.00 | 30.38 -1.40 0.00 | 38.21 -2.01 0.00 | 43.39 -2.48 0.00 | 41.53 -2.28 0.00 | 37.30 -1.55 0.00 | 37.14 -1.55 0.00 | 37.69 -1.09 0.00 | 39.79 -1.49 0.00 | 41.87 -1.65 0.00 | 45.18 -1.78 0.00 | 52.64 -2.42 0.00 | 64.08 -4.34 5.17 | 84.48 -5.65 7.35 | 100.89 -5.87 0.02 | 81.44 -4.20 0.00 | 63.78 -4.07 0.00 | 46.54 -2.55 0.00 | 40.96 -2.25 0.00 | 37.83 -1.74 0.00 |
| QUENSBRY_115KV_TB8 356137 | 37.11 1.33 -0.70 | 31.93 1.20 -0.01 | 31.33 1.32 0.00 | 30.18 1.33 0.00 | 30.09 1.27 0.00 | 34.50 1.40 -1.32 | 53.22 1.81 -11.19 | 61.07 2.16 -13.04 | 45.30 1.49 0.00 | 39.75 0.89 0.00 | 39.31 0.62 0.00 | 39.67 0.89 0.00 | 41.98 0.70 0.00 | 44.35 0.83 0.00 | 48.18 1.22 0.00 | 56.83 1.76 0.00 | 76.97 3.39 0.00 | 123.99 5.95 -20.56 | 131.53 7.05 -17.70 | 96.67 4.62 -6.40 | 70.91 3.05 0.00 | 51.15 2.06 0.00 | 44.89 1.69 0.00 | 41.04 1.46 0.00 |
| RAMAPO___LBMP 323565 | 36.82 1.65 -0.10 | 31.89 1.17 0.00 | 31.15 1.14 0.00 | 30.04 1.18 0.00 | 30.00 1.18 0.00 | 33.29 1.33 -0.18 | 43.32 1.57 -1.52 | 49.62 1.97 -1.78 | 45.82 2.02 0.00 | 40.84 1.98 0.00 | 40.89 2.21 0.00 | 41.45 2.68 0.00 | 43.59 2.31 0.00 | 46.00 2.48 0.00 | 49.59 2.63 0.00 | 58.09 3.03 0.00 | 78.22 4.64 0.00 | 109.92 7.51 -4.93 | 120.56 8.33 -5.44 | 93.43 5.82 -1.97 | 71.31 3.46 0.00 | 51.20 2.11 0.00 | 44.94 1.73 0.00 | 41.28 1.70 0.00 |
| RANKINE____ 23646 | 33.22 -1.86 0.00 | 29.77 -0.95 0.00 | 28.90 -1.11 0.00 | 27.82 -1.04 0.00 | 27.87 -0.95 0.00 | 30.29 -1.49 0.00 | 37.37 -2.86 0.00 | 42.20 -3.67 0.00 | 40.39 -3.42 0.00 | 36.56 -2.29 0.00 | 36.52 -2.17 0.00 | 37.34 -1.43 0.00 | 39.21 -2.06 0.00 | 41.21 -2.31 0.00 | 44.52 -2.44 0.00 | 51.04 -4.02 0.00 | 61.18 -7.51 4.91 | 81.84 -8.68 6.97 | 97.46 -9.29 0.04 | 78.96 -6.68 0.00 | 61.54 -6.31 0.00 | 45.26 -3.83 0.00 | 40.10 -3.11 0.00 | 37.68 -1.90 0.00 |
| RAVENSWOOD_GT2_1 24244 | 37.43 2.24 -0.11 | 32.39 1.66 0.00 | 31.60 1.59 0.00 | 30.47 1.62 0.00 | 30.37 1.56 0.00 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.32 2.43 -2.02 | 46.39 2.58 0.00 | 41.42 2.56 0.00 | 41.47 2.79 0.00 | 42.15 3.37 0.00 | 44.29 3.01 0.00 | 46.65 3.13 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.06 4.21 0.00 | 51.69 2.60 0.00 | 45.46 2.25 0.00 | 41.79 2.22 0.00 |
| RAVENSWOOD_GT2_2 24245 | 37.43 2.24 -0.11 | 32.39 1.66 0.00 | 31.60 1.59 0.00 | 30.47 1.62 0.00 | 30.37 1.56 0.00 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.32 2.43 -2.02 | 46.39 2.58 0.00 | 41.42 2.56 0.00 | 41.47 2.79 0.00 | 42.15 3.37 0.00 | 44.29 3.01 0.00 | 46.65 3.13 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.06 4.21 0.00 | 51.69 2.60 0.00 | 45.46 2.25 0.00 | 41.79 2.22 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|
| RAVENSWOOD_GT2_3 24246 | 37.46 2.28 -0.11 | 32.39 1.66 0.00 | 31.60 1.59 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.76 1.78 -0.20 | 43.97 2.01 -1.73 | 50.36 2.48 -2.02 | 46.44 2.63 0.00 | 41.46 2.60 0.00 | 41.51 2.82 0.00 | 42.19 3.41 0.00 | 44.29 3.01 0.00 | 46.70 3.18 0.00 | 50.30 3.33 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.13 4.27 0.00 | 51.74 2.65 0.00 | 45.50 2.29 0.00 | 41.79 2.22 0.00 |
| RAVENSWOOD_GT2_4 24247 | 37.46 2.28 -0.11 | 32.39 1.66 0.00 | 31.60 1.59 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.76 1.78 -0.20 | 43.97 2.01 -1.73 | 50.36 2.48 -2.02 | 46.44 2.63 0.00 | 41.46 2.60 0.00 | 41.51 2.82 0.00 | 42.19 3.41 0.00 | 44.29 3.01 0.00 | 46.70 3.18 0.00 | 50.30 3.33 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.13 4.27 0.00 | 51.74 2.65 0.00 | 45.50 2.29 0.00 | 41.79 2.22 0.00 |
| RAVENSWOOD_GT3_1 24248 | 37.46 2.28 -0.11 | 32.39 1.66 0.00 | 31.60 1.59 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.76 1.78 -0.20 | 43.97 2.01 -1.73 | 50.32 2.43 -2.02 | 46.39 2.58 0.00 | 41.46 2.60 0.00 | 41.51 2.82 0.00 | 42.15 3.37 0.00 | 44.29 3.01 0.00 | 46.70 3.18 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.06 4.21 0.00 | 51.74 2.65 0.00 | 45.46 2.25 0.00 | 41.79 2.22 0.00 |
| RAVENSWOOD_GT3_2 24249 | 37.46 2.28 -0.11 | 32.39 1.66 0.00 | 31.60 1.59 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.76 1.78 -0.20 | 43.97 2.01 -1.73 | 50.32 2.43 -2.02 | 46.39 2.58 0.00 | 41.46 2.60 0.00 | 41.51 2.82 0.00 | 42.15 3.37 0.00 | 44.29 3.01 0.00 | 46.70 3.18 0.00 | 50.25 3.29 0.00 | 58.86 3.80 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.06 4.21 0.00 | 51.74 2.65 0.00 | 45.46 2.25 0.00 | 41.79 2.22 0.00 |
| RAVENSWOOD_GT3_3 24250 | 37.50 2.31 -0.11 | 32.42 1.69 0.00 | 31.63 1.62 0.00 | 30.50 1.64 0.00 | 30.43 1.61 0.00 | 33.79 1.81 -0.20 | 44.01 2.05 -1.73 | 50.41 2.52 -2.02 | 46.48 2.67 0.00 | 41.50 2.64 0.00 | 41.55 2.86 0.00 | 42.23 3.45 0.00 | 44.33 3.05 0.00 | 46.74 3.22 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.40 5.81 0.00 | 112.06 9.07 -5.51 | 122.57 9.72 -6.06 | 94.68 6.85 -2.19 | 72.19 4.34 0.00 | 51.79 2.70 0.00 | 45.54 2.33 0.00 | 41.83 2.26 0.00 |
| RAVENSWOOD_GT3_4 24251 | 37.50 2.31 -0.11 | 32.42 1.69 0.00 | 31.63 1.62 0.00 | 30.50 1.64 0.00 | 30.43 1.61 0.00 | 33.79 1.81 -0.20 | 44.01 2.05 -1.73 | 50.41 2.52 -2.02 | 46.48 2.67 0.00 | 41.50 2.64 0.00 | 41.55 2.86 0.00 | 42.23 3.45 0.00 | 44.33 3.05 0.00 | 46.74 3.22 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.40 5.81 0.00 | 112.06 9.07 -5.51 | 122.57 9.72 -6.06 | 94.68 6.85 -2.19 | 72.19 4.34 0.00 | 51.79 2.70 0.00 | 45.54 2.33 0.00 | 41.83 2.26 0.00 |
| RAVENSWOOD_GT_1 23729 | 37.61 2.42 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.53 1.70 -0.01 | 33.90 1.91 -0.21 | 44.09 2.13 -1.73 | 50.36 2.48 -2.02 | 46.44 2.63 0.00 | 41.54 2.68 0.00 | 41.59 2.90 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.87 3.35 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.40 5.81 0.00 | 111.97 8.97 -5.51 | 122.46 9.61 -6.06 | 94.51 6.68 -2.19 | 72.06 4.21 0.00 | 51.74 2.65 0.00 | 45.67 2.46 0.00 | 42.00 2.41 -0.01 |
| RAVENSWOOD_GT_10 24258 | 37.43 2.24 -0.11 | 32.36 1.63 0.00 | 31.60 1.59 0.00 | 30.44 1.59 0.00 | 30.37 1.56 0.00 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.32 2.43 -2.02 | 46.39 2.58 0.00 | 41.46 2.60 0.00 | 41.47 2.79 0.00 | 42.15 3.37 0.00 | 44.29 3.01 0.00 | 46.65 3.13 0.00 | 50.25 3.29 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.06 4.21 0.00 | 51.74 2.65 0.00 | 45.46 2.25 0.00 | 41.79 2.22 0.00 |
| RAVENSWOOD_GT_11 24259 | 37.43 2.24 -0.11 | 32.36 1.63 0.00 | 31.60 1.59 0.00 | 30.44 1.59 0.00 | 30.37 1.56 0.00 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.32 2.43 -2.02 | 46.39 2.58 0.00 | 41.46 2.60 0.00 | 41.47 2.79 0.00 | 42.15 3.37 0.00 | 44.29 3.01 0.00 | 46.65 3.13 0.00 | 50.25 3.29 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.06 4.21 0.00 | 51.74 2.65 0.00 | 45.46 2.25 0.00 | 41.79 2.22 0.00 |
| RAVENSWOOD_GT_4 24252 | 37.42 2.24 -0.10 | 32.35 1.63 0.00 | 31.56 1.56 0.01 | 30.44 1.59 0.01 | 30.37 1.56 0.01 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.36 2.48 -2.02 | 46.39 2.58 0.00 | 41.42 2.56 0.00 | 41.47 2.79 0.00 | 42.11 3.33 0.00 | 44.25 2.97 0.00 | 46.65 3.13 0.00 | 50.25 3.29 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.13 4.27 0.00 | 51.74 2.65 0.00 | 45.41 2.20 0.00 | 41.75 2.18 0.01 |
| RAVENSWOOD_GT_5 24254 | 37.42 2.24 -0.10 | 32.35 1.63 0.00 | 31.56 1.56 0.01 | 30.44 1.59 0.01 | 30.37 1.56 0.01 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.36 2.48 -2.02 | 46.39 2.58 0.00 | 41.42 2.56 0.00 | 41.47 2.79 0.00 | 42.11 3.33 0.00 | 44.25 2.97 0.00 | 46.65 3.13 0.00 | 50.25 3.29 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.13 4.27 0.00 | 51.74 2.65 0.00 | 45.41 2.20 0.00 | 41.75 2.18 0.01 |
| RAVENSWOOD_GT_6 24253 | 37.42 2.24 -0.10 | 32.35 1.63 0.00 | 31.56 1.56 0.01 | 30.44 1.59 0.01 | 30.37 1.56 0.01 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.36 2.48 -2.02 | 46.39 2.58 0.00 | 41.42 2.56 0.00 | 41.47 2.79 0.00 | 42.11 3.33 0.00 | 44.25 2.97 0.00 | 46.65 3.13 0.00 | 50.25 3.29 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.13 4.27 0.00 | 51.74 2.65 0.00 | 45.41 2.20 0.00 | 41.75 2.18 0.01 |
| RAVENSWOOD_GT_7 24255 | 37.42 2.24 -0.10 | 32.35 1.63 0.00 | 31.56 1.56 0.01 | 30.44 1.59 0.01 | 30.37 1.56 0.01 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.36 2.48 -2.02 | 46.39 2.58 0.00 | 41.42 2.56 0.00 | 41.47 2.79 0.00 | 42.11 3.33 0.00 | 44.25 2.97 0.00 | 46.65 3.13 0.00 | 50.25 3.29 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.13 4.27 0.00 | 51.74 2.65 0.00 | 45.41 2.20 0.00 | 41.75 2.18 0.01 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 37.43 2.24 -0.11 | 32.36 1.63 0.00 | 31.60 1.59 0.00 | 30.44 1.59 0.00 | 30.37 1.56 0.00 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.32 2.43 -2.02 | 46.39 2.58 0.00 | 41.46 2.60 0.00 | 41.47 2.79 0.00 | 42.15 3.37 0.00 | 44.29 3.01 0.00 | 46.65 3.13 0.00 | 50.25 3.29 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.06 4.21 0.00 | 51.74 2.65 0.00 | 45.46 2.25 0.00 | 41.79 2.22 0.00 |
| RAVENSWOOD_GT_9 24257 | 37.43 2.24 -0.11 | 32.36 1.63 0.00 | 31.60 1.59 0.00 | 30.44 1.59 0.00 | 30.37 1.56 0.00 | 33.73 1.75 -0.20 | 43.97 2.01 -1.73 | 50.32 2.43 -2.02 | 46.39 2.58 0.00 | 41.46 2.60 0.00 | 41.47 2.79 0.00 | 42.15 3.37 0.00 | 44.29 3.01 0.00 | 46.65 3.13 0.00 | 50.25 3.29 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.51 6.68 -2.19 | 72.06 4.21 0.00 | 51.74 2.65 0.00 | 45.46 2.25 0.00 | 41.79 2.22 0.00 |

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| RAVENSWOOD___1 23533 | 37.61 2.42 -0.12 | 32.52 1.78 -0.01 | 31.76 1.74 -0.01 | 30.60 1.73 -0.01 | 30.53 1.70 -0.01 | 33.90 1.91 -0.21 | 44.05 2.09 -1.73 | 50.27 2.38 -2.02 | 46.39 2.58 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.30 3.53 0.00 | 44.45 3.18 0.00 | 46.83 3.31 0.00 | 50.35 3.38 0.00 | 58.97 3.91 0.00 | 79.33 5.74 0.00 | 111.96 8.96 -5.51 | 122.35 9.50 -6.06 | 94.43 6.59 -2.19 | 72.06 4.21 0.00 | 51.74 2.65 0.00 | 45.50 2.29 0.00 | 41.96 2.37 -0.01 |
| RAVENSWOOD___2 23534 | 37.54 2.35 -0.12 | 32.46 1.72 -0.01 | 31.70 1.68 -0.01 | 30.54 1.67 -0.01 | 30.47 1.64 -0.01 | 33.83 1.84 -0.21 | 43.97 2.01 -1.73 | 50.00 2.11 -2.02 | 46.26 2.45 0.00 | 41.46 2.60 0.00 | 41.47 2.79 0.00 | 42.22 3.45 0.00 | 44.37 3.10 0.00 | 46.70 3.18 0.00 | 50.06 3.10 0.00 | 58.59 3.53 0.00 | 78.74 5.15 0.00 | 111.19 8.19 -5.51 | 121.50 8.65 -6.06 | 93.74 5.90 -2.19 | 71.51 3.66 0.00 | 51.45 2.36 0.00 | 45.41 2.20 0.00 | 41.88 2.29 -0.01 |
| RAVENSWOOD___3 23535 | 37.43 2.25 -0.11 | 32.35 1.63 0.00 | 31.60 1.59 0.00 | 30.44 1.59 0.00 | 30.40 1.58 0.00 | 33.76 1.78 -0.20 | 43.97 2.01 -1.73 | 50.32 2.43 -2.02 | 46.39 2.58 0.00 | 41.46 2.60 0.00 | 41.43 2.75 0.00 | 42.15 3.37 0.00 | 44.29 3.01 0.00 | 46.70 3.18 0.00 | 50.30 3.33 0.00 | 58.86 3.80 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.35 9.50 -6.06 | 94.52 6.68 -2.19 | 72.06 4.21 0.00 | 51.74 2.65 0.00 | 45.33 2.12 0.00 | 41.79 2.21 0.00 |
| RAVENSWOOD___4 23820 | 37.58 2.39 -0.11 | 32.48 1.75 -0.01 | 31.73 1.71 -0.01 | 30.57 1.70 -0.01 | 30.52 1.70 -0.01 | 33.86 1.87 -0.21 | 44.05 2.09 -1.73 | 50.27 2.38 -2.02 | 46.35 2.54 0.00 | 41.53 2.68 0.00 | 41.55 2.86 0.00 | 42.27 3.49 0.00 | 44.41 3.14 0.00 | 46.83 3.31 0.00 | 50.35 3.38 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.87 8.87 -5.51 | 122.35 9.50 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.74 2.65 0.00 | 45.50 2.29 0.00 | 41.96 2.37 -0.01 |
| RCPL_TRUST___DRP 24196 | 37.50 2.31 -0.11 | 32.39 1.66 0.00 | 31.60 1.59 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.76 1.78 -0.20 | 44.01 2.05 -1.73 | 50.41 2.52 -2.02 | 46.48 2.67 0.00 | 41.50 2.64 0.00 | 41.55 2.86 0.00 | 42.23 3.45 0.00 | 44.33 3.05 0.00 | 46.74 3.22 0.00 | 50.39 3.43 0.00 | 59.03 3.96 0.00 | 79.40 5.81 0.00 | 112.06 9.07 -5.51 | 122.57 9.72 -6.06 | 94.68 6.85 -2.19 | 72.19 4.34 0.00 | 51.79 2.70 0.00 | 45.50 2.29 0.00 | 41.79 2.22 0.00 |
| RED___ROCHESTER 323720 | 34.51 -0.56 0.00 | 30.70 -0.03 0.00 | 29.68 -0.33 0.00 | 28.54 -0.32 0.00 | 28.59 -0.23 0.00 | 31.27 -0.51 0.00 | 39.26 -0.97 0.00 | 44.72 -1.14 0.00 | 42.76 -1.05 0.00 | 38.47 -0.39 0.00 | 38.46 -0.23 0.00 | 38.97 0.19 0.00 | 41.07 -0.21 0.00 | 43.22 -0.30 0.00 | 46.54 -0.42 0.00 | 54.18 -0.88 0.00 | 66.14 -2.65 4.80 | 87.17 -3.51 6.81 | 103.34 -3.42 0.03 | 83.58 -2.06 0.00 | 65.27 -2.58 0.00 | 47.86 -1.23 0.00 | 42.86 -0.35 0.00 | 39.02 -0.55 0.00 |
| REGAN___SOLAR 323812 | 37.33 1.86 -0.40 | 32.36 1.63 0.00 | 31.72 1.71 0.00 | 30.56 1.70 0.00 | 30.49 1.67 0.00 | 34.50 1.97 -0.75 | 49.09 2.54 -6.33 | 56.18 2.94 -7.38 | 45.25 1.44 0.00 | 39.20 0.35 0.00 | 38.46 -0.23 0.00 | 38.70 -0.08 0.00 | 41.03 -0.25 0.00 | 43.43 -0.09 0.00 | 47.57 0.61 0.00 | 56.83 1.76 0.00 | 77.71 4.12 0.00 | 116.25 7.41 -11.36 | 125.49 9.07 -9.63 | 95.55 6.43 -3.48 | 72.33 4.48 0.00 | 52.23 3.14 0.00 | 45.80 2.59 0.00 | 41.79 2.21 0.00 |
| RENSSELAER___COGEN 23796 | 33.24 0.45 2.29 | 31.05 0.34 0.02 | 30.46 0.45 0.00 | 29.32 0.46 0.00 | 29.25 0.43 0.00 | 27.96 0.51 4.32 | 4.21 0.60 36.62 | 3.90 0.73 42.70 | 44.29 0.48 0.00 | 39.16 0.31 0.00 | 38.88 0.19 0.00 | 39.24 0.47 0.00 | 41.48 0.21 0.00 | 43.70 0.17 0.00 | 47.34 0.37 0.00 | 55.45 0.39 0.00 | 74.64 1.11 0.05 | 22.75 2.83 77.56 | 37.05 2.99 72.73 | 60.87 1.54 26.32 | 68.46 0.61 0.00 | 49.48 0.39 0.00 | 43.43 0.22 0.00 | 39.81 0.24 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 38.42 2.63 -0.71 | 33.16 2.43 -0.01 | 32.53 2.52 0.00 | 31.37 2.51 0.00 | 31.24 2.42 0.00 | 35.86 2.73 -1.35 | 55.19 3.54 -11.43 | 63.41 4.22 -13.33 | 46.79 2.98 0.00 | 40.88 2.02 0.00 | 40.31 1.62 0.00 | 40.75 1.98 0.00 | 43.09 1.82 0.00 | 45.52 2.00 0.00 | 49.64 2.68 0.00 | 58.70 3.63 0.00 | 79.92 6.33 0.00 | 128.84 10.33 -21.02 | 137.40 12.49 -18.11 | 100.76 8.56 -6.55 | 74.03 6.17 0.00 | 53.31 4.22 0.00 | 46.75 3.54 0.00 | 42.66 3.09 0.00 |
| REVERE_CPPR_DRP 24186 | 36.09 1.02 0.00 | 31.74 1.01 0.00 | 30.79 0.78 0.00 | 29.52 0.66 0.00 | 29.62 0.81 0.00 | 32.83 1.05 0.00 | 41.63 1.41 0.00 | 47.61 1.74 0.00 | 45.34 1.53 0.00 | 39.98 1.13 0.00 | 39.65 0.97 0.00 | 39.86 1.09 0.00 | 42.35 1.07 0.00 | 44.65 1.13 0.00 | 48.14 1.17 0.00 | 56.72 1.65 0.00 | 76.16 2.58 0.00 | 101.29 3.80 0.00 | 111.17 4.38 0.00 | 89.49 3.85 0.00 | 70.29 2.44 0.00 | 50.86 1.77 0.00 | 44.59 1.38 0.00 | 40.72 1.15 0.00 |
| REYNLDPA_13_KV_LD 356490 | 35.22 0.14 0.00 | 30.91 0.19 0.00 | 30.13 0.12 0.00 | 28.89 0.03 0.00 | 28.88 0.06 0.00 | 31.94 0.16 0.00 | 40.58 0.36 0.00 | 46.19 0.32 0.00 | 44.16 0.35 0.00 | 39.20 0.35 0.00 | 39.07 0.39 0.00 | 38.89 0.12 0.00 | 41.73 0.45 0.00 | 43.91 0.39 0.00 | 47.20 0.24 0.00 | 55.34 0.28 0.00 | 73.59 0.00 0.00 | 96.22 -1.27 0.00 | 105.83 -0.96 0.00 | 85.47 -0.17 0.00 | 68.53 0.68 0.00 | 49.58 0.49 0.00 | 43.73 0.52 0.00 | 39.93 0.36 0.00 |
| REYNOLDS_115KV_TB3 80639 | 37.85 0.88 -1.90 | 31.48 0.74 -0.02 | 30.79 0.78 0.00 | 29.66 0.81 0.00 | 29.57 0.75 0.00 | 36.25 0.89 -3.58 | 71.62 1.05 -30.35 | 82.54 1.28 -35.39 | 44.82 1.01 0.00 | 39.59 0.74 0.00 | 39.38 0.70 0.00 | 39.74 0.97 0.00 | 41.94 0.66 0.00 | 44.22 0.70 0.00 | 47.86 0.89 0.00 | 56.11 1.05 0.00 | 75.57 1.99 0.00 | 159.44 4.00 -57.96 | 162.22 4.27 -51.16 | 106.72 2.57 -18.51 | 69.28 1.42 0.00 | 50.02 0.93 0.00 | 43.94 0.73 0.00 | 40.25 0.67 0.00 |
| RIVERBAY____ 323610 | 38.03 2.84 -0.12 | 32.89 2.15 -0.01 | 32.12 2.10 -0.01 | 30.94 2.08 -0.01 | 30.87 2.05 -0.01 | 34.25 2.26 -0.21 | 44.57 2.61 -1.73 | 50.78 2.89 -2.02 | 46.66 2.85 0.00 | 41.73 2.88 0.00 | 41.82 3.13 0.00 | 42.54 3.76 0.00 | 44.74 3.47 0.00 | 47.18 3.66 0.00 | 50.67 3.71 0.00 | 59.36 4.30 0.00 | 79.92 6.33 0.00 | 113.04 10.04 -5.51 | 123.42 10.57 -6.06 | 95.20 7.37 -2.19 | 72.60 4.75 0.00 | 52.28 3.19 0.00 | 46.24 3.02 -0.01 | 42.55 2.97 -0.01 |
| RIVERSDE_115KV_TB3 55908 | 36.71 0.70 -0.93 | 31.32 0.58 -0.01 | 30.64 0.63 0.00 | 29.52 0.66 0.00 | 29.45 0.63 0.00 | 34.28 0.73 -1.77 | 56.03 0.84 -14.96 | 64.36 1.05 -17.44 | 44.60 0.79 0.00 | 39.40 0.54 0.00 | 39.19 0.50 0.00 | 39.55 0.78 0.00 | 41.73 0.45 0.00 | 44.00 0.48 0.00 | 47.62 0.66 0.00 | 55.89 0.83 0.00 | 75.28 1.69 0.00 | 128.08 3.61 -26.99 | 133.58 3.84 -22.94 | 96.17 2.23 -8.30 | 69.01 1.15 0.00 | 49.78 0.69 0.00 | 43.77 0.56 0.00 | 40.09 0.51 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 34.45 -0.63 0.00 | 30.08 -0.65 0.00 | 29.32 -0.69 0.00 | 28.14 -0.72 0.00 | 28.07 -0.75 0.00 | 30.99 -0.79 0.00 | 39.26 -0.97 0.00 | 44.86 -1.01 0.00 | 42.93 -0.88 0.00 | 38.16 -0.70 0.00 | 38.03 -0.66 0.00 | 38.00 -0.78 0.00 | 40.49 -0.79 0.00 | 42.65 -0.87 0.00 | 46.07 -0.89 0.00 | 54.08 -0.99 0.00 | 72.26 -1.32 0.00 | 95.54 -1.95 0.00 | 104.66 -2.13 0.00 | 84.10 -1.54 0.00 | 66.90 -0.95 0.00 | 48.50 -0.59 0.00 | 42.73 -0.47 0.00 | 39.14 -0.43 0.00 |

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| ROCHESRG_115KV_T4 355643 | 34.06 -1.02 0.00 | 30.30 -0.43 0.00 | 29.41 -0.60 0.00 | 28.25 -0.61 0.00 | 28.33 -0.49 0.00 | 30.95 -0.83 0.00 | 38.78 -1.45 0.00 | 44.03 -1.83 0.00 | 42.14 -1.66 0.00 | 37.92 -0.93 0.00 | 37.80 -0.89 0.00 | 38.39 -0.39 0.00 | 40.49 -0.78 0.00 | 42.61 -0.91 0.00 | 45.93 -1.03 0.00 | 53.41 -1.65 0.00 | 65.13 -3.68 4.78 | 86.02 -4.68 6.79 | 102.07 -4.70 0.03 | 82.47 -3.17 0.00 | 64.53 -3.32 0.00 | 47.22 -1.87 0.00 | 41.61 -1.60 0.00 | 38.55 -1.03 0.00 |
| ROCHESTER_9_IC 23652 | 34.23 -0.84 0.00 | 30.48 -0.25 0.00 | 29.56 -0.45 0.00 | 28.39 -0.46 0.00 | 28.47 -0.35 0.00 | 31.11 -0.67 0.00 | 39.06 -1.17 0.00 | 44.31 -1.56 0.00 | 42.45 -1.36 0.00 | 38.19 -0.66 0.00 | 38.07 -0.62 0.00 | 38.70 -0.08 0.00 | 40.82 -0.45 0.00 | 42.95 -0.57 0.00 | 46.31 -0.66 0.00 | 53.80 -1.27 0.00 | 65.63 -3.16 4.80 | 86.67 -4.00 6.81 | 102.81 -3.95 0.03 | 83.07 -2.57 0.00 | 64.93 -2.92 0.00 | 47.57 -1.52 0.00 | 41.87 -1.34 0.00 | 38.78 -0.79 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 37.36 2.17 -0.11 | 32.33 1.60 0.00 | 31.57 1.56 0.00 | 30.41 1.56 0.00 | 30.35 1.53 0.00 | 33.70 1.72 -0.20 | 44.01 2.05 -1.73 | 50.36 2.48 -2.02 | 46.39 2.58 0.00 | 41.42 2.56 0.00 | 41.47 2.79 0.00 | 42.11 3.33 0.00 | 44.25 2.97 0.00 | 46.65 3.13 0.00 | 50.25 3.29 0.00 | 58.92 3.85 0.00 | 79.25 5.67 0.00 | 111.96 8.97 -5.51 | 122.46 9.61 -6.06 | 94.68 6.85 -2.19 | 72.13 4.27 0.00 | 51.79 2.70 0.00 | 45.46 2.25 0.00 | 41.75 2.18 0.00 |
| ROME____115KV_TB2 80656 | 36.09 1.02 0.00 | 31.74 1.01 0.00 | 30.79 0.78 0.00 | 29.52 0.66 0.00 | 29.62 0.81 0.00 | 32.83 1.05 0.00 | 41.63 1.41 0.00 | 47.61 1.74 0.00 | 45.34 1.53 0.00 | 39.98 1.13 0.00 | 39.65 0.97 0.00 | 39.86 1.09 0.00 | 42.35 1.07 0.00 | 44.65 1.13 0.00 | 48.14 1.17 0.00 | 56.72 1.65 0.00 | 76.16 2.58 0.00 | 101.29 3.80 0.00 | 111.17 4.38 0.00 | 89.49 3.85 0.00 | 70.29 2.44 0.00 | 50.86 1.77 0.00 | 44.59 1.38 0.00 | 40.72 1.15 0.00 |
| ROSETON___1 23587 | 36.86 1.68 -0.10 | 31.96 1.23 0.00 | 31.24 1.23 0.00 | 30.12 1.27 0.00 | 30.06 1.24 0.00 | 33.34 1.37 -0.20 | 43.46 1.57 -1.67 | 49.65 1.84 -1.95 | 45.73 1.93 0.00 | 40.72 1.86 0.00 | 40.66 1.97 0.00 | 41.26 2.48 0.00 | 43.42 2.15 0.00 | 45.74 2.22 0.00 | 49.36 2.39 0.00 | 57.82 2.75 0.00 | 77.71 4.12 0.00 | 109.67 6.82 -5.36 | 120.07 7.36 -5.92 | 92.83 5.05 -2.14 | 70.91 3.06 0.00 | 51.06 1.97 0.00 | 44.76 1.55 0.00 | 41.20 1.62 0.00 |
| ROSETON___2 23588 | 36.86 1.68 -0.10 | 31.96 1.23 0.00 | 31.24 1.23 0.00 | 30.12 1.27 0.00 | 30.06 1.24 0.00 | 33.34 1.37 -0.20 | 43.46 1.57 -1.67 | 49.65 1.84 -1.95 | 45.73 1.93 0.00 | 40.72 1.86 0.00 | 40.66 1.97 0.00 | 41.26 2.48 0.00 | 43.42 2.15 0.00 | 45.74 2.22 0.00 | 49.36 2.39 0.00 | 57.82 2.75 0.00 | 77.71 4.12 0.00 | 109.67 6.82 -5.36 | 120.07 7.36 -5.92 | 92.83 5.05 -2.14 | 70.91 3.06 0.00 | 51.06 1.97 0.00 | 44.76 1.55 0.00 | 41.20 1.62 0.00 |
| ROTRRDAM_115KV_TB3 80664 | 36.50 0.98 -0.45 | 31.53 0.80 0.00 | 30.88 0.87 0.00 | 29.75 0.89 0.00 | 29.65 0.84 0.00 | 33.54 0.92 -0.84 | 48.48 1.13 -7.13 | 55.51 1.33 -8.32 | 44.86 1.05 0.00 | 39.63 0.78 0.00 | 39.38 0.70 0.00 | 39.74 0.97 0.00 | 42.02 0.74 0.00 | 44.35 0.83 0.00 | 48.00 1.03 0.00 | 56.39 1.32 0.00 | 75.87 2.28 0.00 | 114.21 4.00 -12.73 | 121.91 4.38 -10.74 | 92.52 3.00 -3.89 | 69.75 1.90 0.00 | 50.37 1.28 0.00 | 44.29 1.08 0.00 | 40.57 0.99 0.00 |
| RUSSELL___1 23602 | 34.41 -0.67 0.00 | 30.60 -0.12 0.00 | 29.68 -0.33 0.00 | 28.51 -0.35 0.00 | 28.59 -0.23 0.00 | 31.27 -0.51 0.00 | 39.26 -0.97 0.00 | 44.54 -1.33 0.00 | 42.67 -1.14 0.00 | 38.43 -0.43 0.00 | 38.30 -0.39 0.00 | 38.93 0.16 0.00 | 41.07 -0.21 0.00 | 43.22 -0.30 0.00 | 46.54 -0.42 0.00 | 54.18 -0.88 0.00 | 66.07 -2.72 4.80 | 87.16 -3.51 6.81 | 103.35 -3.42 0.03 | 83.58 -2.06 0.00 | 65.27 -2.58 0.00 | 47.86 -1.23 0.00 | 42.13 -1.08 0.00 | 38.98 -0.59 0.00 |
| RUSSELL___2 23532 | 34.41 -0.67 0.00 | 30.60 -0.12 0.00 | 29.68 -0.33 0.00 | 28.51 -0.35 0.00 | 28.59 -0.23 0.00 | 31.27 -0.51 0.00 | 39.26 -0.97 0.00 | 44.54 -1.33 0.00 | 42.67 -1.14 0.00 | 38.43 -0.43 0.00 | 38.30 -0.39 0.00 | 38.93 0.16 0.00 | 41.07 -0.21 0.00 | 43.22 -0.30 0.00 | 46.54 -0.42 0.00 | 54.18 -0.88 0.00 | 66.07 -2.72 4.80 | 87.16 -3.51 6.81 | 103.35 -3.42 0.03 | 83.58 -2.06 0.00 | 65.27 -2.58 0.00 | 47.86 -1.23 0.00 | 42.13 -1.08 0.00 | 38.98 -0.59 0.00 |
| RUSSELL___3 23549 | 34.41 -0.67 0.00 | 30.60 -0.12 0.00 | 29.68 -0.33 0.00 | 28.51 -0.35 0.00 | 28.59 -0.23 0.00 | 31.27 -0.51 0.00 | 39.26 -0.97 0.00 | 44.54 -1.33 0.00 | 42.67 -1.14 0.00 | 38.43 -0.43 0.00 | 38.30 -0.39 0.00 | 38.93 0.16 0.00 | 41.07 -0.21 0.00 | 43.22 -0.30 0.00 | 46.54 -0.42 0.00 | 54.18 -0.88 0.00 | 66.07 -2.72 4.80 | 87.16 -3.51 6.81 | 103.35 -3.42 0.03 | 83.58 -2.06 0.00 | 65.27 -2.58 0.00 | 47.86 -1.23 0.00 | 42.13 -1.08 0.00 | 38.98 -0.59 0.00 |
| RUSSELL___4 23556 | 34.41 -0.67 0.00 | 30.60 -0.12 0.00 | 29.68 -0.33 0.00 | 28.51 -0.35 0.00 | 28.59 -0.23 0.00 | 31.27 -0.51 0.00 | 39.26 -0.97 0.00 | 44.54 -1.33 0.00 | 42.67 -1.14 0.00 | 38.43 -0.43 0.00 | 38.30 -0.39 0.00 | 38.93 0.16 0.00 | 41.07 -0.21 0.00 | 43.22 -0.30 0.00 | 46.54 -0.42 0.00 | 54.18 -0.88 0.00 | 66.07 -2.72 4.80 | 87.16 -3.51 6.81 | 103.35 -3.42 0.03 | 83.58 -2.06 0.00 | 65.27 -2.58 0.00 | 47.86 -1.23 0.00 | 42.13 -1.08 0.00 | 38.98 -0.59 0.00 |
| RUSSELL___STATION 23914 | 34.41 -0.67 0.00 | 30.60 -0.12 0.00 | 29.68 -0.33 0.00 | 28.51 -0.35 0.00 | 28.59 -0.23 0.00 | 31.27 -0.51 0.00 | 39.26 -0.97 0.00 | 44.54 -1.33 0.00 | 42.67 -1.14 0.00 | 38.43 -0.43 0.00 | 38.30 -0.39 0.00 | 38.93 0.16 0.00 | 41.07 -0.21 0.00 | 43.22 -0.30 0.00 | 46.54 -0.42 0.00 | 54.18 -0.88 0.00 | 66.07 -2.72 4.80 | 87.16 -3.51 6.81 | 103.35 -3.42 0.03 | 83.58 -2.06 0.00 | 65.27 -2.58 0.00 | 47.86 -1.23 0.00 | 42.13 -1.08 0.00 | 38.98 -0.59 0.00 |
| S SALMON___HYD 24043 | 34.97 -0.10 0.00 | 30.73 0.00 0.00 | 29.83 -0.18 0.00 | 28.62 -0.23 0.00 | 28.70 -0.11 0.00 | 31.72 -0.06 0.00 | 40.26 0.04 0.00 | 45.96 0.09 0.00 | 43.81 0.00 0.00 | 38.70 -0.15 0.00 | 38.49 -0.19 0.00 | 38.70 -0.08 0.00 | 41.07 -0.21 0.00 | 43.30 -0.22 0.00 | 46.64 -0.33 0.00 | 54.79 -0.27 0.00 | 73.29 -0.29 0.00 | 97.58 0.10 0.00 | 107.22 0.43 0.00 | 86.24 0.60 0.00 | 67.99 0.14 0.00 | 49.29 0.20 0.00 | 43.30 0.09 0.00 | 39.50 -0.08 0.00 |
| S.PERRY__115KV_TB1 80734 | 35.01 -0.07 0.00 | 31.13 0.40 0.00 | 30.22 0.21 0.00 | 29.00 0.14 0.00 | 29.11 0.29 0.00 | 31.91 0.13 0.00 | 40.18 -0.04 0.00 | 45.64 -0.23 0.00 | 43.15 -0.66 0.00 | 38.51 -0.35 0.00 | 38.34 -0.35 0.00 | 38.97 0.19 0.00 | 40.99 -0.29 0.00 | 43.17 -0.35 0.00 | 46.78 -0.19 0.00 | 54.68 -0.39 0.00 | 66.63 -1.47 5.49 | 88.87 -0.88 7.74 | 106.95 0.21 0.05 | 86.58 0.94 0.00 | 67.44 -0.41 0.00 | 49.29 0.20 0.00 | 43.25 0.04 0.00 | 40.01 0.44 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 33.11 -1.96 0.00 | 29.77 -0.95 0.00 | 28.81 -1.20 0.00 | 27.76 -1.10 0.00 | 27.81 -1.01 0.00 | 30.16 -1.62 0.00 | 37.17 -3.06 0.00 | 41.92 -3.94 0.00 | 40.17 -3.64 0.00 | 36.37 -2.49 0.00 | 36.33 -2.36 0.00 | 37.15 -1.63 0.00 | 39.01 -2.27 0.00 | 40.95 -2.57 0.00 | 44.24 -2.72 0.00 | 50.71 -4.35 0.00 | 60.63 -8.09 4.87 | 80.72 -9.85 6.92 | 96.29 -10.47 0.04 | 78.10 -7.54 0.00 | 61.00 -6.85 0.00 | 44.92 -4.17 0.00 | 39.84 -3.37 0.00 | 37.48 -2.10 0.00 |

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| SAWYER___23_KV_LOAD 55526 | 33.11 -1.96 0.00 | 29.77 -0.95 0.00 | 28.81 -1.20 0.00 | 27.76 -1.10 0.00 | 27.81 -1.01 0.00 | 30.16 -1.62 0.00 | 37.17 -3.06 0.00 | 41.92 -3.94 0.00 | 40.17 -3.64 0.00 | 36.37 -2.49 0.00 | 36.33 -2.36 0.00 | 37.15 -1.63 0.00 | 39.01 -2.27 0.00 | 40.95 -2.57 0.00 | 44.24 -2.72 0.00 | 50.71 -4.35 0.00 | 60.63 -8.09 4.87 | 80.72 -9.85 6.92 | 96.29 -10.47 0.04 | 78.10 -7.54 0.00 | 61.00 -6.85 0.00 | 44.92 -4.17 0.00 | 39.84 -3.37 0.00 | 37.48 -2.10 0.00 |
| SELKIRK___I 23801 | 34.03 0.11 1.15 | 30.72 0.00 0.01 | 30.16 0.15 0.00 | 29.03 0.17 0.00 | 28.93 0.12 0.00 | 29.77 0.16 2.17 | 21.97 0.12 18.38 | 24.58 0.14 21.43 | 43.58 -0.22 0.01 | 38.47 -0.39 0.00 | 38.18 -0.50 0.00 | 38.54 -0.23 0.00 | 40.74 -0.54 0.00 | 43.00 -0.52 0.00 | 46.59 -0.38 0.00 | 54.74 -0.33 0.00 | 72.81 0.22 1.00 | 59.82 1.55 39.22 | 71.48 1.60 36.92 | 72.88 0.60 13.36 | 67.78 -0.07 0.00 | 48.99 -0.10 0.00 | 43.04 -0.17 0.00 | 39.46 -0.12 0.00 |
| SELKIRK___II 23799 | 34.03 0.28 1.33 | 30.87 0.15 0.01 | 30.28 0.27 0.00 | 29.17 0.32 0.00 | 29.08 0.26 0.00 | 29.59 0.32 2.51 | 19.30 0.32 21.24 | 21.51 0.41 24.77 | 43.94 0.18 0.04 | 38.93 0.08 0.00 | 38.73 0.04 0.00 | 39.08 0.31 0.00 | 41.28 0.00 0.00 | 43.52 0.00 0.00 | 47.11 0.14 0.00 | 55.18 0.11 0.00 | 71.07 0.59 3.10 | 54.23 2.05 45.30 | 66.18 2.02 42.63 | 71.07 0.86 15.43 | 68.06 0.20 0.00 | 49.24 0.15 0.00 | 43.21 0.00 0.00 | 39.62 0.04 0.00 |
| SENECA OSWGO___HYD 24041 | 34.48 -0.60 0.00 | 30.27 -0.46 0.00 | 29.47 -0.54 0.00 | 28.34 -0.52 0.00 | 28.33 -0.49 0.00 | 31.24 -0.54 0.00 | 39.58 -0.65 0.00 | 45.13 -0.74 0.00 | 43.15 -0.66 0.00 | 38.27 -0.58 0.00 | 38.14 -0.54 0.00 | 38.39 -0.39 0.00 | 40.74 -0.54 0.00 | 42.95 -0.57 0.00 | 46.40 -0.56 0.00 | 54.41 -0.66 0.00 | 72.71 -0.88 0.00 | 96.61 -0.88 0.00 | 106.05 -0.74 0.00 | 84.87 -0.77 0.00 | 66.90 -0.95 0.00 | 48.40 -0.69 0.00 | 42.56 -0.65 0.00 | 38.94 -0.63 0.00 |
| SENECA___115KV_TB3 355854 | 33.29 -1.79 0.00 | 29.84 -0.89 0.00 | 28.93 -1.08 0.00 | 27.88 -0.98 0.00 | 27.90 -0.92 0.00 | 30.32 -1.46 0.00 | 37.41 -2.82 0.00 | 42.24 -3.62 0.00 | 40.43 -3.37 0.00 | 36.60 -2.25 0.00 | 36.56 -2.13 0.00 | 37.42 -1.36 0.00 | 39.29 -1.98 0.00 | 41.30 -2.22 0.00 | 44.62 -2.35 0.00 | 51.10 -3.96 0.00 | 61.32 -7.36 4.91 | 82.04 -8.48 6.97 | 97.67 -9.08 0.04 | 79.13 -6.51 0.00 | 61.61 -6.24 0.00 | 45.31 -3.78 0.00 | 40.14 -3.07 0.00 | 37.76 -1.82 0.00 |
| SENECA___ENERGY 23797 | 34.66 -0.42 0.00 | 30.54 -0.18 0.00 | 29.71 -0.30 0.00 | 28.57 -0.29 0.00 | 28.59 -0.23 0.00 | 31.49 -0.29 0.00 | 39.74 -0.48 0.00 | 45.41 -0.46 0.00 | 43.37 -0.44 0.00 | 38.54 -0.31 0.00 | 38.53 -0.15 0.00 | 38.81 0.04 0.00 | 40.99 -0.29 0.00 | 43.26 -0.26 0.00 | 46.73 -0.23 0.00 | 54.68 -0.38 0.00 | 74.29 -0.81 -1.51 | 99.09 -0.58 -2.18 | 106.25 -0.53 0.01 | 85.38 -0.26 0.00 | 67.11 -0.74 0.00 | 48.60 -0.49 0.00 | 42.95 -0.26 0.00 | 39.22 -0.36 0.00 |
| SHOEMAKER___GT 23640 | 36.53 1.37 -0.08 | 31.71 0.98 0.00 | 31.00 0.99 0.00 | 29.89 1.04 0.00 | 29.83 1.01 0.00 | 33.05 1.11 -0.16 | 42.85 1.29 -1.34 | 49.07 1.65 -1.56 | 45.56 1.75 0.00 | 40.53 1.67 0.00 | 40.47 1.78 0.00 | 41.06 2.29 0.00 | 43.22 1.94 0.00 | 45.61 2.09 0.00 | 49.22 2.25 0.00 | 57.71 2.64 0.00 | 77.78 4.19 0.00 | 108.80 6.92 -4.39 | 119.36 7.69 -4.88 | 92.80 5.40 -1.76 | 71.11 3.26 0.00 | 51.15 2.06 0.00 | 44.76 1.55 0.00 | 41.16 1.58 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 36.53 1.37 -0.08 | 31.71 0.98 0.00 | 31.00 0.99 0.00 | 29.90 1.04 0.00 | 29.83 1.01 0.00 | 33.05 1.11 -0.16 | 42.83 1.29 -1.32 | 49.10 1.70 -1.54 | 45.56 1.75 0.00 | 40.53 1.67 0.00 | 40.54 1.86 0.00 | 41.06 2.29 0.00 | 43.22 1.94 0.00 | 45.65 2.13 0.00 | 49.22 2.25 0.00 | 57.71 2.64 0.00 | 77.78 4.19 0.00 | 108.75 6.92 -4.34 | 119.30 7.69 -4.82 | 92.78 5.40 -1.74 | 71.04 3.19 0.00 | 51.10 2.01 0.00 | 44.85 1.64 0.00 | 41.16 1.58 0.00 |
| SHOREHAM_IC_1 23715 | 36.38 1.19 -0.11 | 26.10 0.74 5.37 | 26.14 0.69 4.56 | 26.50 0.78 3.13 | 25.72 0.63 3.73 | 26.28 0.79 6.30 | 42.40 0.44 -1.73 | 44.32 0.23 1.78 | 44.21 0.53 0.13 | 29.80 1.51 10.57 | 40.16 1.47 0.00 | 41.07 2.29 -0.01 | 30.20 1.28 12.36 | 43.86 1.18 0.84 | 46.20 1.64 2.41 | 48.74 2.20 8.53 | 59.06 2.57 17.10 | 75.22 5.16 27.43 | 74.35 5.34 37.78 | 72.13 3.43 16.94 | 60.19 1.70 9.36 | 47.80 0.83 2.13 | 43.11 -0.04 0.05 | 40.33 0.87 0.12 |
| SHOREHAM_IC_2 23716 | 36.41 1.23 -0.11 | 26.10 0.74 5.37 | 26.14 0.69 4.56 | 26.50 0.78 3.13 | 25.73 0.63 3.73 | 26.28 0.79 6.30 | 42.48 0.52 -1.73 | 44.41 0.32 1.78 | 44.21 0.53 0.13 | 29.84 1.55 10.57 | 40.47 1.78 0.00 | 40.99 2.21 -0.01 | 30.20 1.28 12.36 | 43.86 1.18 0.84 | 46.20 1.64 2.41 | 48.74 2.20 8.53 | 59.14 2.65 17.10 | 75.13 5.07 27.43 | 74.46 5.45 37.78 | 72.21 3.51 16.94 | 60.33 1.83 9.36 | 47.75 0.79 2.13 | 43.33 0.17 0.05 | 40.37 0.91 0.12 |
| SISSONVILLE____ 23735 | 35.50 0.42 0.00 | 31.28 0.55 0.00 | 30.31 0.30 0.00 | 29.00 0.14 0.00 | 29.05 0.23 0.00 | 32.22 0.44 0.00 | 41.11 0.88 0.00 | 46.83 0.96 0.00 | 44.60 0.79 0.00 | 39.44 0.58 0.00 | 39.23 0.54 0.00 | 39.05 0.27 0.00 | 41.85 0.58 0.00 | 44.00 0.48 0.00 | 47.15 0.19 0.00 | 56.43 0.22 -1.15 | 76.99 0.00 -3.40 | 96.32 -1.17 0.00 | 105.83 -0.96 0.00 | 85.81 0.17 0.00 | 68.80 0.95 0.00 | 50.17 1.08 0.00 | 44.46 1.25 0.00 | 40.37 0.79 0.00 |
| SITHE_IND_GS1 24169 | 34.09 -0.98 0.00 | 29.90 -0.83 0.00 | 29.11 -0.90 0.00 | 27.99 -0.86 0.00 | 27.98 -0.84 0.00 | 30.83 -0.95 0.00 | 39.10 -1.13 0.00 | 44.49 -1.37 0.00 | 42.54 -1.27 0.00 | 37.77 -1.09 0.00 | 37.60 -1.08 0.00 | 37.84 -0.93 0.00 | 40.12 -1.16 0.00 | 42.35 -1.17 0.00 | 45.70 -1.27 0.00 | 53.58 -1.48 0.00 | 71.53 -2.06 0.00 | 95.05 -2.43 0.00 | 104.13 -2.67 0.00 | 83.50 -2.14 0.00 | 65.82 -2.03 0.00 | 47.66 -1.43 0.00 | 41.95 -1.25 0.00 | 38.43 -1.15 0.00 |
| SITHE_IND_GS2 24170 | 34.09 -0.98 0.00 | 29.90 -0.83 0.00 | 29.11 -0.90 0.00 | 27.99 -0.86 0.00 | 27.98 -0.84 0.00 | 30.83 -0.95 0.00 | 39.10 -1.13 0.00 | 44.49 -1.37 0.00 | 42.54 -1.27 0.00 | 37.77 -1.09 0.00 | 37.60 -1.08 0.00 | 37.84 -0.93 0.00 | 40.12 -1.16 0.00 | 42.35 -1.17 0.00 | 45.70 -1.27 0.00 | 53.58 -1.48 0.00 | 71.53 -2.06 0.00 | 95.05 -2.43 0.00 | 104.13 -2.67 0.00 | 83.50 -2.14 0.00 | 65.82 -2.03 0.00 | 47.66 -1.43 0.00 | 41.95 -1.25 0.00 | 38.43 -1.15 0.00 |
| SITHE_IND_GS3 24171 | 34.09 -0.98 0.00 | 29.90 -0.83 0.00 | 29.11 -0.90 0.00 | 27.99 -0.86 0.00 | 27.98 -0.84 0.00 | 30.83 -0.95 0.00 | 39.10 -1.13 0.00 | 44.49 -1.37 0.00 | 42.54 -1.27 0.00 | 37.77 -1.09 0.00 | 37.60 -1.08 0.00 | 37.84 -0.93 0.00 | 40.12 -1.16 0.00 | 42.35 -1.17 0.00 | 45.70 -1.27 0.00 | 53.58 -1.48 0.00 | 71.53 -2.06 0.00 | 95.05 -2.43 0.00 | 104.13 -2.67 0.00 | 83.50 -2.14 0.00 | 65.82 -2.03 0.00 | 47.66 -1.43 0.00 | 41.95 -1.25 0.00 | 38.43 -1.15 0.00 |
| SITHE_IND_GS4 24172 | 34.09 -0.98 0.00 | 29.90 -0.83 0.00 | 29.11 -0.90 0.00 | 27.99 -0.86 0.00 | 27.98 -0.84 0.00 | 30.83 -0.95 0.00 | 39.10 -1.13 0.00 | 44.49 -1.37 0.00 | 42.54 -1.27 0.00 | 37.77 -1.09 0.00 | 37.60 -1.08 0.00 | 37.84 -0.93 0.00 | 40.12 -1.16 0.00 | 42.35 -1.17 0.00 | 45.70 -1.27 0.00 | 53.58 -1.48 0.00 | 71.53 -2.06 0.00 | 95.05 -2.43 0.00 | 104.13 -2.67 0.00 | 83.50 -2.14 0.00 | 65.82 -2.03 0.00 | 47.66 -1.43 0.00 | 41.95 -1.25 0.00 | 38.43 -1.15 0.00 |

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| SITHE___BATAVIA 24024 | 34.34 -0.74 0.00 | 30.82 0.09 0.00 | 29.50 -0.51 0.00 | 28.39 -0.46 0.00 | 28.62 -0.20 0.00 | 31.05 -0.73 0.00 | 38.54 -1.69 0.00 | 44.08 -1.79 0.00 | 42.01 -1.80 0.00 | 37.89 -0.97 0.00 | 37.91 -0.77 0.00 | 38.46 -0.31 0.00 | 40.37 -0.91 0.00 | 42.48 -1.04 0.00 | 45.74 -1.22 0.00 | 52.92 -2.15 0.00 | 63.93 -4.78 4.87 | 85.42 -5.17 6.89 | 101.10 -5.66 0.03 | 82.05 -3.59 0.00 | 63.85 -4.00 0.00 | 46.98 -2.11 0.00 | 42.69 -0.52 0.00 | 39.02 -0.55 0.00 |
| SITHE___INDEPEND 23800 | 34.09 -0.98 0.00 | 29.90 -0.83 0.00 | 29.11 -0.90 0.00 | 27.99 -0.87 0.00 | 27.98 -0.84 0.00 | 30.83 -0.95 0.00 | 39.10 -1.13 0.00 | 44.49 -1.38 0.00 | 42.54 -1.27 0.00 | 37.77 -1.09 0.00 | 37.60 -1.08 0.00 | 37.84 -0.93 0.00 | 40.12 -1.16 0.00 | 42.35 -1.18 0.00 | 45.70 -1.27 0.00 | 53.58 -1.49 0.00 | 71.53 -2.06 0.00 | 95.05 -2.44 0.00 | 104.12 -2.67 0.00 | 83.50 -2.14 0.00 | 65.82 -2.04 0.00 | 47.67 -1.42 0.00 | 41.91 -1.30 0.00 | 38.43 -1.15 0.00 |
| SITHE___MASSENA 23902 | 35.25 0.18 0.00 | 30.97 0.24 0.00 | 30.13 0.12 0.00 | 28.91 0.06 0.00 | 28.90 0.09 0.00 | 31.97 0.19 0.00 | 40.67 0.44 0.00 | 46.28 0.41 0.00 | 44.20 0.39 0.00 | 39.24 0.39 0.00 | 39.07 0.39 0.00 | 38.89 0.12 0.00 | 41.73 0.45 0.00 | 43.91 0.39 0.00 | 47.15 0.19 0.00 | 55.47 0.28 -0.12 | 73.95 0.00 -0.37 | 96.42 -1.07 0.00 | 105.83 -0.96 0.00 | 85.55 -0.09 0.00 | 68.60 0.75 0.00 | 49.68 0.59 0.00 | 43.81 0.60 0.00 | 40.01 0.44 0.00 |
| SITHE___OGDNSBRG 24021 | 35.74 0.67 0.00 | 31.49 0.77 0.00 | 30.55 0.54 0.00 | 29.23 0.38 0.00 | 29.31 0.49 0.00 | 32.54 0.76 0.00 | 41.47 1.25 0.00 | 47.20 1.33 0.00 | 44.86 1.05 0.00 | 39.63 0.78 0.00 | 39.34 0.66 0.00 | 39.12 0.35 0.00 | 42.02 0.74 0.00 | 44.17 0.65 0.00 | 47.43 0.47 0.00 | 56.42 0.61 -0.75 | 76.47 0.66 -2.22 | 97.29 -0.19 0.00 | 107.33 0.53 0.00 | 87.18 1.54 0.00 | 69.89 2.04 0.00 | 50.76 1.67 0.00 | 44.81 1.60 0.00 | 40.68 1.11 0.00 |
| SITHE___STERLING 23777 | 35.81 0.74 0.00 | 31.49 0.77 0.00 | 30.61 0.60 0.00 | 29.38 0.52 0.00 | 29.45 0.63 0.00 | 32.60 0.82 0.00 | 41.35 1.12 0.00 | 47.24 1.37 0.00 | 45.03 1.22 0.00 | 39.75 0.89 0.00 | 39.46 0.77 0.00 | 39.70 0.93 0.00 | 42.14 0.87 0.00 | 44.44 0.92 0.00 | 47.95 0.99 0.00 | 56.44 1.38 0.00 | 75.64 2.06 0.00 | 100.51 3.03 0.00 | 110.31 3.52 0.00 | 88.64 3.00 0.00 | 69.68 1.83 0.00 | 50.36 1.27 0.00 | 44.24 1.04 0.00 | 40.41 0.83 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 34.09 -0.98 0.00 | 30.20 -0.52 0.00 | 29.35 -0.66 0.00 | 28.19 -0.66 0.00 | 28.24 -0.58 0.00 | 31.02 -0.76 0.00 | 39.10 -1.13 0.00 | 44.54 -1.33 0.00 | 42.67 -1.14 0.00 | 38.19 -0.66 0.00 | 38.03 -0.66 0.00 | 38.54 -0.23 0.00 | 40.74 -0.54 0.00 | 42.91 -0.61 0.00 | 46.31 -0.66 0.00 | 54.02 -1.05 0.00 | 67.48 -2.28 3.82 | 89.20 -2.83 5.46 | 104.10 -2.67 0.02 | 83.84 -1.80 0.00 | 65.68 -2.17 0.00 | 47.81 -1.28 0.00 | 42.00 -1.21 0.00 | 38.71 -0.87 0.00 |
| SMITHTWN_69_KV_BK 1 55830 | 37.01 1.82 -0.11 | 24.96 1.17 6.93 | 25.23 1.11 5.89 | 25.99 1.18 4.05 | 25.04 1.04 4.81 | 24.82 1.24 8.20 | 43.16 1.21 -1.73 | 44.84 0.96 1.99 | 44.87 1.23 0.16 | 27.33 2.14 13.66 | 41.20 2.51 0.00 | 41.73 2.95 -0.01 | 27.25 1.98 16.01 | 44.35 1.91 1.09 | 46.29 2.44 3.11 | 47.10 3.08 11.04 | 55.20 3.75 22.14 | 66.29 5.95 37.15 | 62.48 6.41 50.72 | 67.25 4.20 22.58 | 58.11 2.37 12.11 | 47.90 1.57 2.76 | 44.10 0.95 0.06 | 40.89 1.46 0.15 |
| SOUTH CAIRO___GT 23612 | 35.17 1.33 1.23 | 31.76 1.04 0.01 | 31.06 1.05 0.00 | 29.92 1.07 0.00 | 29.86 1.04 0.00 | 30.81 1.37 2.33 | 22.23 1.77 19.77 | 24.88 2.06 23.05 | 44.79 1.01 0.02 | 39.24 0.39 0.00 | 38.92 0.23 0.00 | 39.20 0.43 0.00 | 41.44 0.17 0.00 | 43.78 0.26 0.00 | 47.57 0.61 0.00 | 56.00 0.94 0.00 | 75.12 3.09 1.56 | 62.03 6.34 41.79 | 75.22 7.58 39.15 | 76.44 4.97 14.17 | 70.63 2.78 0.00 | 50.96 1.87 0.00 | 44.68 1.47 0.00 | 40.88 1.31 0.00 |
| SOUTH HAMPTN___IC 23720 | 36.69 1.51 -0.11 | 26.40 0.98 5.31 | 26.43 0.93 4.51 | 26.79 1.04 3.10 | 26.00 0.86 3.69 | 26.63 1.08 6.23 | 42.68 0.72 -1.73 | 44.64 0.55 1.78 | 44.51 0.83 0.12 | 30.19 1.79 10.46 | 40.54 1.86 0.00 | 41.46 2.67 -0.01 | 30.79 1.73 12.22 | 44.30 1.61 0.83 | 46.79 2.21 2.38 | 49.44 2.81 8.43 | 59.92 3.23 16.91 | 76.38 5.95 27.06 | 75.70 6.19 37.29 | 72.94 4.03 16.72 | 60.77 2.17 9.25 | 48.21 1.23 2.10 | 43.38 0.22 0.05 | 40.69 1.23 0.12 |
| SOUTHDOWN_115KV_TB1 355954 | 33.11 -1.96 0.00 | 29.68 -1.04 0.00 | 28.75 -1.26 0.00 | 27.73 -1.13 0.00 | 27.81 -1.01 0.00 | 30.48 -1.30 0.00 | 37.89 -2.33 0.00 | 42.98 -2.89 0.00 | 41.18 -2.63 0.00 | 37.26 -1.59 0.00 | 37.26 -1.43 0.00 | 38.08 -0.70 0.00 | 39.91 -1.36 0.00 | 41.95 -1.57 0.00 | 45.27 -1.69 0.00 | 51.65 -3.41 0.00 | 62.37 -6.33 4.88 | 84.70 -5.85 6.94 | 101.09 -5.66 0.04 | 81.96 -3.68 0.00 | 63.24 -4.61 0.00 | 46.24 -2.85 0.00 | 40.75 -2.46 0.00 | 38.03 -1.54 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 36.80 1.61 -0.11 | 26.47 1.04 5.31 | 26.49 0.99 4.51 | 26.86 1.10 3.10 | 26.06 0.92 3.68 | 26.70 1.14 6.22 | 42.72 0.76 -1.73 | 44.64 0.55 1.78 | 44.43 0.74 0.12 | 30.15 1.75 10.45 | 40.89 2.21 0.00 | 41.46 2.68 -0.01 | 30.80 1.73 12.21 | 44.35 1.65 0.83 | 46.89 2.30 2.38 | 49.67 3.03 8.43 | 60.15 3.46 16.90 | 76.39 5.95 27.04 | 75.93 6.41 37.27 | 73.21 4.28 16.72 | 60.91 2.31 9.25 | 48.16 1.18 2.10 | 43.55 0.39 0.05 | 40.76 1.31 0.12 |
| SOUTHOLD___IC 23719 | 36.76 1.58 -0.11 | 26.47 1.05 5.31 | 26.49 0.99 4.51 | 26.85 1.10 3.10 | 26.06 0.92 3.68 | 26.70 1.14 6.22 | 42.64 0.68 -1.73 | 44.60 0.51 1.78 | 44.43 0.74 0.12 | 30.11 1.71 10.45 | 40.62 1.93 0.00 | 41.54 2.75 -0.01 | 30.80 1.73 12.21 | 44.35 1.65 0.83 | 46.89 2.30 2.38 | 49.61 2.97 8.43 | 60.08 3.39 16.90 | 76.49 6.05 27.04 | 75.82 6.30 37.27 | 73.12 4.20 16.72 | 60.78 2.17 9.25 | 48.21 1.23 2.10 | 43.25 0.09 0.05 | 40.72 1.27 0.12 |
| SOUTH_FORK_WT_PWR 323839 | 36.52 1.33 -0.11 | 26.22 0.80 5.31 | 26.25 0.75 4.51 | 26.62 0.86 3.10 | 25.82 0.69 3.69 | 26.44 0.89 6.23 | 42.24 0.28 -1.73 | 44.09 0.00 1.78 | 43.95 0.26 0.12 | 29.64 1.24 10.46 | 40.19 1.51 0.00 | 41.11 2.33 -0.01 | 30.38 1.32 12.22 | 43.87 1.18 0.83 | 46.37 1.78 2.38 | 49.06 2.42 8.43 | 59.19 2.50 16.90 | 75.31 4.87 27.05 | 74.53 5.02 37.28 | 72.09 3.17 16.72 | 59.96 1.36 9.25 | 47.58 0.59 2.10 | 42.68 -0.47 0.05 | 40.37 0.91 0.12 |
| SPIERFLS_115KV_TB 1 80737 | 36.92 1.16 -0.69 | 31.78 1.04 -0.01 | 31.18 1.17 0.00 | 30.04 1.18 0.00 | 29.94 1.12 0.00 | 34.28 1.21 -1.30 | 52.78 1.57 -10.99 | 60.56 1.88 -12.81 | 45.08 1.27 0.00 | 39.55 0.70 0.00 | 39.15 0.46 0.00 | 39.51 0.74 0.00 | 41.81 0.54 0.00 | 44.13 0.61 0.00 | 47.95 0.99 0.00 | 56.50 1.43 0.00 | 76.53 2.94 0.00 | 122.92 5.26 -20.17 | 130.44 6.30 -17.35 | 95.94 4.03 -6.28 | 70.50 2.65 0.00 | 50.86 1.77 0.00 | 44.63 1.43 0.00 | 40.80 1.23 0.00 |
| ST LAWRENCE____ 23600 | 34.94 -0.14 0.00 | 30.63 -0.09 0.00 | 29.89 -0.12 0.00 | 28.68 -0.17 0.00 | 28.67 -0.14 0.00 | 31.65 -0.13 0.00 | 40.18 -0.04 0.00 | 45.78 -0.09 0.00 | 43.76 -0.04 0.00 | 38.82 -0.04 0.00 | 38.65 -0.04 0.00 | 38.43 -0.35 0.00 | 41.23 -0.04 0.00 | 43.43 -0.09 0.00 | 46.73 -0.23 0.00 | 54.79 -0.27 0.00 | 72.92 -0.66 0.00 | 95.54 -1.95 0.00 | 104.87 -1.92 0.00 | 84.62 -1.02 0.00 | 67.78 -0.07 0.00 | 49.09 0.00 0.00 | 43.30 0.09 0.00 | 39.62 0.04 0.00 |

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| STATE_CA_115KV_115_LB 55624 | 36.13 0.63 -0.42 | 31.25 0.52 0.00 | 30.61 0.60 0.00 | 29.49 0.63 0.00 | 29.39 0.58 0.00 | 33.25 0.67 -0.80 | 47.81 0.80 -6.78 | 54.82 1.05 -7.90 | 44.55 0.74 0.00 | 39.36 0.51 0.00 | 39.11 0.43 0.00 | 39.47 0.70 0.00 | 41.69 0.41 0.00 | 43.96 0.44 0.00 | 47.62 0.66 0.00 | 55.84 0.77 0.00 | 75.28 1.69 0.00 | 111.73 3.51 -10.74 | 118.77 3.74 -8.24 | 90.76 2.14 -2.98 | 68.94 1.09 0.00 | 49.78 0.69 0.00 | 43.73 0.52 0.00 | 40.05 0.47 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 34.90 -0.18 0.00 | 30.67 -0.06 0.00 | 29.89 -0.12 0.00 | 28.71 -0.14 0.00 | 28.73 -0.09 0.00 | 31.68 -0.10 0.00 | 40.14 -0.08 0.00 | 45.82 -0.05 0.00 | 43.81 0.00 0.00 | 38.86 0.00 0.00 | 38.69 0.00 0.00 | 39.05 0.27 0.00 | 41.32 0.04 0.00 | 43.61 0.09 0.00 | 47.10 0.14 0.00 | 55.23 0.17 0.00 | 75.00 0.07 -1.34 | 99.88 0.58 -1.80 | 107.87 1.07 -0.01 | 86.50 0.86 0.00 | 67.99 0.14 0.00 | 49.14 0.05 0.00 | 43.12 -0.09 0.00 | 39.58 0.00 0.00 |
| STATION_5_MISC_HYD 23604 | 34.34 -0.74 0.00 | 30.57 -0.15 0.00 | 29.56 -0.45 0.00 | 28.45 -0.40 0.00 | 28.47 -0.34 0.00 | 31.14 -0.64 0.00 | 39.06 -1.17 0.00 | 44.49 -1.37 0.00 | 42.50 -1.31 0.00 | 38.23 -0.62 0.00 | 38.26 -0.42 0.00 | 38.74 -0.04 0.00 | 40.82 -0.45 0.00 | 42.95 -0.57 0.00 | 46.26 -0.70 0.00 | 53.85 -1.21 0.00 | 65.70 -3.09 4.80 | 86.67 -4.00 6.81 | 102.82 -3.95 0.03 | 83.07 -2.57 0.00 | 64.94 -2.92 0.00 | 47.57 -1.52 0.00 | 42.65 -0.56 0.00 | 38.82 -0.75 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 34.34 -0.74 0.00 | 30.42 -0.31 0.00 | 29.56 -0.45 0.00 | 28.39 -0.46 0.00 | 28.47 -0.35 0.00 | 31.24 -0.54 0.00 | 39.34 -0.88 0.00 | 44.77 -1.10 0.00 | 42.84 -0.96 0.00 | 38.35 -0.51 0.00 | 38.18 -0.50 0.00 | 38.74 -0.04 0.00 | 40.86 -0.41 0.00 | 43.09 -0.44 0.00 | 46.49 -0.47 0.00 | 54.24 -0.83 0.00 | 65.19 -1.99 6.41 | 85.94 -2.44 9.10 | 104.41 -2.35 0.03 | 84.18 -1.46 0.00 | 65.95 -1.90 0.00 | 48.06 -1.03 0.00 | 42.21 -0.99 0.00 | 38.94 -0.63 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 34.02 -1.05 0.00 | 30.23 -0.49 0.00 | 29.35 -0.66 0.00 | 28.19 -0.66 0.00 | 28.27 -0.55 0.00 | 30.92 -0.86 0.00 | 38.86 -1.37 0.00 | 44.12 -1.74 0.00 | 42.23 -1.58 0.00 | 38.00 -0.85 0.00 | 37.87 -0.81 0.00 | 38.46 -0.31 0.00 | 40.57 -0.70 0.00 | 42.69 -0.83 0.00 | 46.02 -0.94 0.00 | 53.58 -1.49 0.00 | 65.29 -3.31 4.98 | 86.12 -4.29 7.08 | 102.49 -4.27 0.03 | 82.81 -2.83 0.00 | 64.73 -3.12 0.00 | 47.37 -1.72 0.00 | 41.70 -1.51 0.00 | 38.55 -1.03 0.00 |
| STA_56___34_KV_BUS2 355983 | 34.02 -1.05 0.00 | 30.23 -0.49 0.00 | 29.35 -0.66 0.00 | 28.19 -0.66 0.00 | 28.27 -0.55 0.00 | 30.92 -0.86 0.00 | 38.86 -1.37 0.00 | 44.12 -1.74 0.00 | 42.23 -1.58 0.00 | 38.00 -0.85 0.00 | 37.87 -0.81 0.00 | 38.46 -0.31 0.00 | 40.57 -0.70 0.00 | 42.69 -0.83 0.00 | 46.02 -0.94 0.00 | 53.58 -1.49 4.98 | 65.29 -3.31 7.08 | 86.12 -4.29 0.03 | 102.49 -4.27 0.00 | 82.81 -2.83 0.00 | 64.73 -3.12 0.00 | 47.37 -1.72 0.00 | 41.70 -1.51 0.00 | 38.55 -1.03 0.00 |
| STA_67___115KV_BK2 355882 | 34.16 -0.91 0.00 | 30.39 -0.34 0.00 | 29.50 -0.51 0.00 | 28.34 -0.52 0.00 | 28.41 -0.40 0.00 | 31.05 -0.73 0.00 | 38.94 -1.29 0.00 | 44.22 -1.65 0.00 | 42.32 -1.49 0.00 | 38.12 -0.74 0.00 | 37.95 -0.74 0.00 | 38.58 -0.19 0.00 | 40.70 -0.58 0.00 | 42.82 -0.70 0.00 | 46.17 -0.80 0.00 | 53.63 -1.43 0.00 | 65.48 -3.31 4.79 | 86.39 -4.29 6.81 | 102.49 -4.27 0.03 | 82.81 -2.83 0.00 | 64.80 -3.05 0.00 | 47.42 -1.67 0.00 | 41.78 -1.43 0.00 | 38.71 -0.87 0.00 |
| STA_7___115KV_9TRANS 80674 | 34.41 -0.67 0.00 | 30.60 -0.12 0.00 | 29.68 -0.33 0.00 | 28.51 -0.35 0.00 | 28.59 -0.23 0.00 | 31.27 -0.51 0.00 | 39.26 -0.97 0.00 | 44.54 -1.33 0.00 | 42.67 -1.14 0.00 | 38.43 -0.43 0.00 | 38.30 -0.39 0.00 | 38.93 0.16 0.00 | 41.07 -0.21 0.00 | 43.22 -0.30 0.00 | 46.54 -0.42 0.00 | 54.18 -0.88 0.00 | 66.07 -2.72 4.80 | 87.16 -3.51 6.81 | 103.35 -3.42 0.03 | 83.58 -2.06 0.00 | 65.27 -2.58 0.00 | 47.86 -1.23 0.00 | 42.13 -1.08 0.00 | 38.98 -0.59 0.00 |
| STA_82___115KV_TB1 80780 | 34.16 -0.91 0.00 | 30.42 -0.31 0.00 | 29.50 -0.51 0.00 | 28.37 -0.49 0.00 | 28.41 -0.40 0.00 | 31.08 -0.70 0.00 | 38.98 -1.25 0.00 | 44.22 -1.65 0.00 | 42.32 -1.49 0.00 | 38.12 -0.74 0.00 | 37.95 -0.74 0.00 | 38.58 -0.19 0.00 | 40.70 -0.58 0.00 | 42.82 -0.70 0.00 | 46.17 -0.80 0.00 | 53.69 -1.38 0.00 | 65.47 -3.31 4.81 | 86.36 -4.29 6.83 | 102.60 -4.16 0.03 | 82.90 -2.74 0.00 | 64.80 -3.05 0.00 | 47.47 -1.62 0.00 | 41.78 -1.43 0.00 | 38.71 -0.87 0.00 |
| STEEL___WIND 323596 | 33.39 -1.68 0.00 | 29.99 -0.74 0.00 | 28.84 -1.17 0.00 | 27.82 -1.04 0.00 | 27.87 -0.95 0.00 | 30.29 -1.49 0.00 | 37.41 -2.82 0.00 | 42.52 -3.35 0.00 | 40.52 -3.29 0.00 | 36.60 -2.25 0.00 | 36.75 -1.93 0.00 | 37.42 -1.36 0.00 | 39.21 -2.06 0.00 | 41.21 -2.31 0.00 | 44.52 -2.44 0.00 | 51.05 -4.02 0.00 | 61.25 -7.43 4.91 | 81.94 -8.58 6.97 | 97.57 -9.18 0.04 | 79.05 -6.59 0.00 | 61.61 -6.24 0.00 | 45.26 -3.83 0.00 | 41.22 -1.99 0.00 | 37.72 -1.86 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 33.56 0.77 2.29 | 31.35 0.65 0.02 | 30.73 0.72 0.00 | 29.61 0.75 0.00 | 29.51 0.69 0.00 | 28.28 0.83 4.32 | 4.61 1.01 36.62 | 4.45 1.28 42.70 | 44.68 0.88 0.00 | 39.48 0.62 0.00 | 39.23 0.54 0.00 | 39.55 0.78 0.00 | 41.77 0.50 0.00 | 44.04 0.52 0.00 | 47.72 0.75 0.00 | 56.00 0.94 0.00 | 75.52 1.99 0.05 | 24.02 4.09 77.56 | 38.55 4.49 72.73 | 61.89 2.57 26.32 | 69.28 1.42 0.00 | 50.02 0.93 0.00 | 43.94 0.73 0.00 | 40.21 0.63 0.00 |
| STEUBEN_REC_LFGE 323667 | 33.85 -1.23 0.00 | 29.99 -0.74 0.00 | 29.17 -0.84 0.00 | 28.02 -0.84 0.00 | 28.13 -0.69 0.00 | 30.92 -0.86 0.00 | 38.78 -1.45 0.00 | 44.22 -1.65 0.00 | 41.40 -2.41 0.00 | 36.91 -1.94 0.00 | 36.98 -1.70 0.00 | 37.81 -0.97 0.00 | 39.75 -1.53 0.00 | 41.95 -1.57 0.00 | 45.37 -1.60 0.00 | 53.30 -1.76 0.00 | 64.56 -3.39 5.64 | 86.23 -3.31 7.95 | 104.06 -2.67 0.06 | 83.84 -1.80 0.00 | 65.75 -2.10 0.00 | 47.91 -1.18 0.00 | 42.04 -1.17 0.00 | 39.02 -0.55 0.00 |
| STILLWATER___SOLAR 323814 | 37.36 1.47 -0.81 | 31.99 1.26 -0.01 | 31.33 1.32 0.00 | 30.18 1.33 0.00 | 30.08 1.27 0.00 | 34.74 1.43 -1.52 | 54.91 1.77 -12.92 | 63.04 2.11 -15.06 | 45.43 1.62 0.00 | 39.94 1.09 0.00 | 39.58 0.89 0.00 | 39.98 1.20 0.00 | 42.23 0.95 0.00 | 44.56 1.04 0.00 | 48.37 1.41 0.00 | 56.88 1.81 0.00 | 76.90 3.31 0.00 | 127.04 5.65 -23.90 | 133.97 6.52 -20.67 | 97.48 4.37 -7.48 | 70.77 2.92 0.00 | 51.10 2.01 0.00 | 44.85 1.64 0.00 | 41.08 1.50 0.00 |
| STONY___BROOK 24151 | 36.94 1.75 -0.11 | 25.93 1.17 5.96 | 26.03 1.08 5.06 | 26.53 1.16 3.48 | 25.69 1.01 4.14 | 25.97 1.21 7.02 | 43.00 1.04 -1.73 | 44.88 0.87 1.85 | 44.85 1.18 0.14 | 29.21 2.10 11.74 | 40.77 2.09 0.00 | 41.65 2.87 -0.01 | 29.47 1.94 13.74 | 44.46 1.87 0.93 | 46.64 2.35 2.67 | 48.50 2.92 9.48 | 58.03 3.46 19.01 | 71.92 5.55 31.12 | 69.86 5.76 42.70 | 70.24 3.68 19.08 | 59.62 2.17 10.40 | 48.19 1.47 2.37 | 43.80 0.65 0.06 | 40.91 1.47 0.13 |
| STURGEON_POOL_HYD 23609 | 36.92 2.03 0.19 | 32.20 1.47 0.00 | 31.45 1.44 0.00 | 30.33 1.47 0.00 | 30.26 1.44 0.00 | 33.10 1.68 0.37 | 39.08 1.97 3.11 | 44.58 2.34 3.63 | 46.08 2.28 0.00 | 40.95 2.10 0.00 | 41.01 2.32 0.00 | 41.57 2.79 0.00 | 43.75 2.48 0.00 | 46.18 2.65 0.00 | 49.78 2.82 0.00 | 58.37 3.30 0.00 | 78.54 5.30 0.35 | 100.75 8.58 5.32 | 111.83 9.40 4.36 | 90.74 6.68 1.58 | 71.86 4.00 0.00 | 51.64 2.55 0.00 | 45.37 2.16 0.00 | 41.67 2.10 0.00 |

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| ST_LAW_115_BK7_LBMP 345037 | 34.94 -0.14 0.00 | 30.67 -0.06 0.00 | 29.89 -0.12 0.00 | 28.68 -0.17 0.00 | 28.67 -0.14 0.00 | 31.65 -0.13 0.00 | 40.22 0.00 0.00 | 45.78 -0.09 0.00 | 43.76 -0.04 0.00 | 38.86 0.00 0.00 | 38.69 0.00 0.00 | 38.43 -0.35 0.00 | 41.23 -0.04 0.00 | 43.48 -0.04 0.00 | 46.73 -0.23 0.00 | 54.79 -0.27 0.00 | 72.92 -0.66 0.00 | 95.43 -2.05 0.00 | 104.76 -2.03 0.00 | 84.62 -1.02 0.00 | 67.85 0.00 0.00 | 49.14 0.05 0.00 | 43.34 0.13 0.00 | 39.62 0.04 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 34.94 -0.14 0.00 | 30.67 -0.06 0.00 | 29.89 -0.12 0.00 | 28.68 -0.17 0.00 | 28.67 -0.14 0.00 | 31.65 -0.13 0.00 | 40.22 0.00 0.00 | 45.78 -0.09 0.00 | 43.76 -0.04 0.00 | 38.86 0.00 0.00 | 38.69 0.00 0.00 | 38.43 -0.35 0.00 | 41.23 -0.04 0.00 | 43.48 -0.04 0.00 | 46.73 -0.23 0.00 | 54.79 -0.27 0.00 | 72.92 -0.66 0.00 | 95.43 -2.05 0.00 | 104.76 -2.03 0.00 | 84.62 -1.02 0.00 | 67.85 0.00 0.00 | 49.14 0.05 0.00 | 43.34 0.13 0.00 | 39.62 0.04 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 34.94 -0.14 0.00 | 30.63 -0.09 0.00 | 29.89 -0.12 0.00 | 28.68 -0.17 0.00 | 28.67 -0.14 0.00 | 31.65 -0.13 0.00 | 40.18 -0.04 0.00 | 45.78 -0.09 0.00 | 43.76 -0.04 0.00 | 38.82 -0.04 0.00 | 38.65 -0.04 0.00 | 38.43 -0.35 0.00 | 41.23 -0.04 0.00 | 43.43 -0.09 0.00 | 46.73 -0.23 0.00 | 54.79 -0.27 0.00 | 72.92 -0.66 0.00 | 95.54 -1.95 0.00 | 104.87 -1.92 0.00 | 84.62 -1.02 0.00 | 67.78 -0.07 0.00 | 49.09 0.00 0.00 | 43.30 0.09 0.00 | 39.62 0.04 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 34.94 -0.14 0.00 | 30.63 -0.09 0.00 | 29.89 -0.12 0.00 | 28.68 -0.17 0.00 | 28.67 -0.14 0.00 | 31.65 -0.13 0.00 | 40.18 -0.04 0.00 | 45.78 -0.09 0.00 | 43.76 -0.04 0.00 | 38.82 -0.04 0.00 | 38.65 -0.04 0.00 | 38.43 -0.35 0.00 | 41.23 -0.04 0.00 | 43.43 -0.09 0.00 | 46.73 -0.23 0.00 | 54.79 -0.27 0.00 | 72.92 -0.66 0.00 | 95.54 -1.95 0.00 | 104.87 -1.92 0.00 | 84.62 -1.02 0.00 | 67.78 -0.07 0.00 | 49.09 0.00 0.00 | 43.30 0.09 0.00 | 39.62 0.04 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 36.67 1.51 -0.09 | 31.80 1.08 0.00 | 31.09 1.08 0.00 | 29.98 1.13 0.00 | 29.91 1.10 0.00 | 33.18 1.24 -0.16 | 43.07 1.45 -1.39 | 49.33 1.83 -1.62 | 45.74 1.93 0.00 | 40.72 1.87 0.00 | 40.74 2.05 0.00 | 41.30 2.52 0.00 | 43.46 2.19 0.00 | 45.87 2.35 0.00 | 49.45 2.49 0.00 | 57.98 2.92 0.00 | 78.15 4.56 0.00 | 109.46 7.41 -4.56 | 120.07 8.22 -5.06 | 93.21 5.74 -1.83 | 71.31 3.46 0.00 | 51.25 2.16 0.00 | 44.94 1.73 0.00 | 41.28 1.70 0.00 |
| SWANROAD_115KV_TB1 355699 | 33.08 -2.00 0.00 | 29.34 -1.38 0.00 | 28.84 -1.17 0.00 | 27.79 -1.07 0.00 | 27.84 -0.98 0.00 | 29.90 -1.87 0.00 | 36.48 -3.74 0.00 | 41.10 -4.77 0.00 | 39.38 -4.42 0.00 | 35.71 -3.15 0.00 | 35.59 -3.09 0.00 | 36.41 -2.37 0.00 | 38.26 -3.01 0.00 | 40.17 -3.35 0.00 | 43.35 -3.62 0.00 | 49.67 -5.40 0.00 | 59.08 -10.92 4.87 | 79.65 -10.92 6.92 | 93.94 -12.81 0.04 | 76.22 -9.42 0.00 | 59.57 -8.28 0.00 | 43.98 -5.11 0.00 | 39.10 -4.10 0.00 | 37.28 -2.30 0.00 |
| SYNERGY___BIOGAS 323694 | 34.20 -0.88 0.00 | 30.45 -0.28 0.00 | 29.68 -0.33 0.00 | 28.54 -0.32 0.00 | 28.62 -0.20 0.00 | 31.05 -0.73 0.00 | 38.49 -1.73 0.00 | 43.76 -2.11 0.00 | 41.88 -1.93 0.00 | 37.85 -1.01 0.00 | 37.68 -1.01 0.00 | 38.43 -0.35 0.00 | 40.37 -0.91 0.00 | 42.43 -1.09 0.00 | 45.79 -1.17 0.00 | 52.92 -2.15 0.00 | 63.86 -4.86 4.87 | 85.33 -5.26 6.89 | 101.10 -5.66 0.03 | 82.04 -3.60 0.00 | 63.78 -4.07 0.00 | 46.98 -2.11 0.00 | 41.52 -1.69 0.00 | 38.98 -0.59 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 34.83 -0.25 0.00 | 30.57 -0.15 0.00 | 29.77 -0.24 0.00 | 28.63 -0.23 0.00 | 28.62 -0.20 0.00 | 31.56 -0.22 0.00 | 39.98 -0.24 0.00 | 45.59 -0.28 0.00 | 43.63 -0.18 0.00 | 38.74 -0.12 0.00 | 38.57 -0.12 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.52 0.00 0.00 | 47.01 0.05 0.00 | 55.12 0.06 0.00 | 73.59 0.00 0.00 | 97.68 0.19 0.00 | 107.22 0.43 0.00 | 85.90 0.26 0.00 | 67.65 -0.20 0.00 | 48.89 -0.20 0.00 | 42.95 -0.26 0.00 | 39.38 -0.20 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 34.83 -0.25 0.00 | 30.57 -0.15 0.00 | 29.77 -0.24 0.00 | 28.63 -0.23 0.00 | 28.62 -0.20 0.00 | 31.56 -0.22 0.00 | 39.98 -0.24 0.00 | 45.59 -0.28 0.00 | 43.63 -0.18 0.00 | 38.74 -0.12 0.00 | 38.57 -0.12 0.00 | 38.89 0.12 0.00 | 41.23 -0.04 0.00 | 43.52 0.00 0.00 | 47.01 0.05 0.00 | 55.12 0.06 0.00 | 73.59 0.00 0.00 | 97.68 0.19 0.00 | 107.22 0.43 0.00 | 85.90 0.26 0.00 | 67.65 -0.20 0.00 | 48.89 -0.20 0.00 | 42.95 -0.26 0.00 | 39.38 -0.20 0.00 |
| SYRACUSE___POWER 24017 | 34.83 -0.25 0.00 | 30.54 -0.18 0.00 | 29.77 -0.24 0.00 | 28.63 -0.23 0.00 | 28.62 -0.20 0.00 | 31.56 -0.22 0.00 | 40.02 -0.20 0.00 | 45.64 -0.23 0.00 | 43.63 -0.18 0.00 | 38.70 -0.16 0.00 | 38.57 -0.12 0.00 | 38.85 0.08 0.00 | 41.19 -0.08 0.00 | 43.48 -0.04 0.00 | 46.96 0.00 0.00 | 55.06 0.00 0.00 | 73.59 0.00 0.00 | 98.29 0.10 -0.70 | 107.01 0.21 -0.01 | 85.73 0.09 0.00 | 67.44 -0.41 0.00 | 48.75 -0.34 0.00 | 42.82 -0.39 0.00 | 39.30 -0.28 0.00 |
| TALLMAN_138KV_BK151 55660 | 36.92 1.75 -0.10 | 31.99 1.26 0.00 | 31.24 1.23 0.00 | 30.13 1.27 0.00 | 30.06 1.24 0.00 | 33.36 1.40 -0.18 | 43.40 1.65 -1.52 | 49.71 2.06 -1.78 | 45.95 2.15 0.00 | 40.95 2.10 0.00 | 40.97 2.28 0.00 | 41.57 2.79 0.00 | 43.71 2.44 0.00 | 46.13 2.61 0.00 | 49.73 2.77 0.00 | 58.26 3.19 0.00 | 78.44 4.86 0.00 | 110.31 7.90 -4.93 | 120.89 8.65 -5.44 | 93.69 6.08 -1.97 | 71.52 3.66 0.00 | 51.35 2.26 0.00 | 45.07 1.86 0.00 | 41.40 1.82 0.00 |
| TEALLAVE_115KV_TB7 355573 | 34.65 -0.42 0.00 | 30.42 -0.31 0.00 | 29.65 -0.36 0.00 | 28.51 -0.35 0.00 | 28.50 -0.32 0.00 | 31.43 -0.35 0.00 | 39.82 -0.40 0.00 | 45.36 -0.50 0.00 | 43.37 -0.44 0.00 | 38.51 -0.35 0.00 | 38.38 -0.31 0.00 | 38.66 -0.12 0.00 | 40.99 -0.29 0.00 | 43.26 -0.26 0.00 | 46.73 -0.23 0.00 | 54.79 -0.28 0.00 | 73.15 -0.44 0.00 | 97.10 -0.39 0.00 | 106.47 -0.32 0.00 | 85.30 -0.34 0.00 | 67.17 -0.68 0.00 | 48.55 -0.54 0.00 | 42.65 -0.56 0.00 | 39.14 -0.44 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 33.60 -1.47 0.00 | 29.93 -0.80 0.00 | 29.23 -0.78 0.00 | 28.13 -0.72 0.00 | 28.18 -0.63 0.00 | 30.48 -1.30 0.00 | 37.57 -2.65 0.00 | 42.38 -3.49 0.00 | 40.57 -3.24 0.00 | 36.72 -2.14 0.00 | 36.60 -2.09 0.00 | 37.42 -1.36 0.00 | 39.29 -1.98 0.00 | 41.30 -2.22 0.00 | 44.57 -2.40 0.00 | 51.27 -3.80 0.00 | 61.37 -7.36 4.86 | 82.19 -8.38 6.91 | 97.25 -9.50 0.03 | 78.96 -6.68 0.00 | 61.54 -6.31 0.00 | 45.41 -3.68 0.00 | 40.27 -2.94 0.00 | 38.07 -1.50 0.00 |
| TEMPLE___115KV_TB 2 55572 | 34.69 -0.39 0.00 | 30.42 -0.31 0.00 | 29.65 -0.36 0.00 | 28.51 -0.35 0.00 | 28.50 -0.32 0.00 | 31.43 -0.35 0.00 | 39.82 -0.40 0.00 | 45.36 -0.50 0.00 | 43.41 -0.39 0.00 | 38.54 -0.31 0.00 | 38.38 -0.31 0.00 | 38.70 -0.08 0.00 | 41.03 -0.25 0.00 | 43.30 -0.22 0.00 | 46.78 -0.19 0.00 | 54.79 -0.28 0.00 | 73.22 -0.37 0.00 | 97.19 -0.29 0.00 | 106.58 -0.21 0.00 | 85.30 -0.34 0.00 | 67.17 -0.68 0.00 | 48.60 -0.49 0.00 | 42.65 -0.56 0.00 | 39.18 -0.40 0.00 |
| TIANA___69_KV_BK 1 55817 | 36.69 1.51 -0.11 | 26.43 1.01 5.31 | 26.43 0.93 4.51 | 26.80 1.04 3.10 | 26.00 0.86 3.68 | 26.63 1.08 6.22 | 42.76 0.80 -1.73 | 44.73 0.64 1.78 | 44.56 0.88 0.12 | 30.27 1.87 10.45 | 40.85 2.17 0.00 | 41.42 2.64 -0.01 | 30.79 1.73 12.22 | 44.30 1.61 0.83 | 46.75 2.16 2.38 | 49.44 2.81 8.43 | 60.07 3.39 16.90 | 76.29 5.85 27.04 | 75.93 6.41 37.27 | 73.12 4.20 16.72 | 60.91 2.31 9.25 | 48.21 1.23 2.10 | 43.68 0.52 0.05 | 40.69 1.23 0.12 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|
| TILDEN___115KV_TB1 80814 | 34.83 -0.25 0.00 | 30.54 -0.18 0.00 | 29.77 -0.24 0.00 | 28.63 -0.23 0.00 | 28.62 -0.20 0.00 | 31.56 -0.22 0.00 | 40.02 -0.20 0.00 | 45.64 -0.23 0.00 | 43.63 -0.18 0.00 | 38.70 -0.16 0.00 | 38.57 -0.12 0.00 | 38.85 0.08 0.00 | 41.19 -0.08 0.00 | 43.48 -0.04 0.00 | 46.96 0.00 0.00 | 55.06 0.00 0.00 | 73.59 0.00 0.00 | 98.29 0.10 -0.70 | 107.01 0.21 -0.01 | 85.73 0.09 0.00 | 67.44 -0.41 0.00 | 48.75 -0.34 0.00 | 42.82 -0.39 0.00 | 39.30 -0.28 0.00 |
| TRIGEN___CC 323695 | 37.15 1.96 -0.11 | 32.02 1.29 0.00 | 31.24 1.23 0.00 | 30.13 1.27 0.00 | 29.97 1.15 0.00 | 33.35 1.37 -0.20 | 43.40 1.45 -1.73 | 48.84 1.65 -1.32 | 45.60 1.80 0.01 | 41.03 2.18 0.00 | 41.28 2.59 0.00 | 41.89 3.10 -0.02 | 43.67 2.39 0.00 | 45.96 2.44 0.00 | 49.83 2.86 0.00 | 58.53 3.47 0.00 | 78.14 4.56 0.01 | 110.21 7.21 -5.51 | 120.75 7.90 -6.06 | 93.22 5.40 -2.19 | 71.04 3.19 0.01 | 51.15 2.06 0.00 | 44.76 1.56 0.01 | 41.24 1.66 0.00 |
| TRINITY__115KV__4 BK 55933 | 35.32 0.56 0.32 | 31.18 0.46 0.00 | 30.55 0.54 0.00 | 29.43 0.58 0.00 | 29.34 0.52 0.00 | 31.78 0.60 0.61 | 35.81 0.72 5.14 | 40.80 0.92 5.99 | 44.47 0.66 0.00 | 39.28 0.43 0.00 | 39.03 0.35 0.00 | 39.40 0.62 0.00 | 41.61 0.33 0.00 | 43.83 0.30 0.00 | 47.48 0.52 0.00 | 55.67 0.61 0.00 | 74.99 1.40 0.00 | 87.17 3.22 13.53 | 96.19 3.42 14.02 | 82.45 1.88 5.07 | 68.73 0.88 0.00 | 49.63 0.54 0.00 | 43.60 0.39 0.00 | 39.93 0.36 0.00 |
| UNION___PROCESSING_DRP 323587 | 34.20 -0.88 0.00 | 30.42 -0.31 0.00 | 29.50 -0.51 0.00 | 28.37 -0.49 0.00 | 28.41 -0.40 0.00 | 31.08 -0.70 0.00 | 38.98 -1.25 0.00 | 44.22 -1.65 0.00 | 42.36 -1.45 0.00 | 38.12 -0.74 0.00 | 37.99 -0.70 0.00 | 38.58 -0.19 0.00 | 40.70 -0.58 0.00 | 42.82 -0.70 0.00 | 46.17 -0.80 0.00 | 53.69 -1.38 0.00 | 65.46 -3.31 4.81 | 86.46 -4.19 6.84 | 102.60 -4.16 0.03 | 82.90 -2.74 0.00 | 64.80 -3.05 0.00 | 47.47 -1.62 0.00 | 41.83 -1.38 0.00 | 38.71 -0.87 0.00 |
| UPPER HUDSON___HYD 24058 | 36.92 1.16 -0.69 | 31.78 1.05 -0.01 | 31.18 1.17 0.00 | 30.04 1.18 0.00 | 29.94 1.12 0.00 | 34.28 1.21 -1.30 | 52.78 1.57 -10.99 | 60.56 1.88 -12.81 | 45.03 1.22 0.00 | 39.56 0.70 0.00 | 39.11 0.43 0.00 | 39.51 0.73 0.00 | 41.81 0.54 0.00 | 44.13 0.61 0.00 | 48.00 1.03 0.00 | 56.49 1.43 0.00 | 76.53 2.95 0.00 | 122.92 5.26 -20.17 | 130.44 6.30 -17.35 | 95.94 4.03 -6.28 | 70.50 2.64 0.00 | 50.85 1.76 0.00 | 44.63 1.42 0.00 | 40.80 1.23 0.00 |
| UPPER RAQUET___HYD 24056 | 35.50 0.42 0.00 | 31.28 0.55 0.00 | 30.31 0.30 0.00 | 29.00 0.15 0.00 | 29.05 0.23 0.00 | 32.22 0.44 0.00 | 41.11 0.88 0.00 | 46.83 0.96 0.00 | 44.60 0.79 0.00 | 39.44 0.58 0.00 | 39.23 0.54 0.00 | 39.05 0.27 0.00 | 41.85 0.58 0.00 | 44.00 0.48 0.00 | 47.06 0.09 0.00 | 56.44 0.22 -1.15 | 76.99 0.00 -3.40 | 96.32 -1.17 0.00 | 105.83 -0.96 0.00 | 85.81 0.17 0.00 | 68.80 0.95 0.00 | 50.07 0.98 0.00 | 44.29 1.08 0.00 | 40.37 0.79 0.00 |
| VALLEY44_115KV_TB2 355964 | 32.73 -2.35 0.00 | 29.25 -1.47 0.00 | 28.39 -1.62 0.00 | 27.36 -1.50 0.00 | 27.43 -1.38 0.00 | 30.00 -1.78 0.00 | 37.25 -2.98 0.00 | 42.24 -3.62 0.00 | 40.26 -3.55 0.00 | 36.29 -2.56 0.00 | 36.29 -2.40 0.00 | 37.03 -1.74 0.00 | 38.80 -2.48 0.00 | 40.95 -2.57 0.00 | 44.15 -2.82 0.00 | 50.60 -4.46 0.00 | 61.37 -7.36 4.86 | 82.98 -7.60 6.90 | 98.53 -8.22 0.04 | 79.56 -6.08 0.00 | 61.61 -6.24 0.00 | 44.97 -4.12 0.00 | 39.67 -3.54 0.00 | 37.12 -2.45 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 35.85 0.77 0.00 | 31.43 0.71 0.00 | 30.67 0.66 0.00 | 29.49 0.63 0.00 | 29.48 0.66 0.00 | 32.57 0.79 0.00 | 41.23 1.01 0.00 | 47.01 1.15 0.00 | 44.86 1.05 0.00 | 39.75 0.89 0.00 | 39.58 0.89 0.00 | 39.78 1.01 0.00 | 42.23 0.95 0.00 | 44.43 0.91 0.00 | 47.86 0.89 0.00 | 56.28 1.21 0.00 | 75.35 1.77 0.00 | 100.22 2.73 0.00 | 109.78 2.99 0.00 | 88.04 2.40 0.00 | 69.48 1.63 0.00 | 50.22 1.13 0.00 | 44.12 0.91 0.00 | 40.33 0.75 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 36.34 1.26 0.00 | 31.86 1.14 0.00 | 31.18 1.17 0.00 | 29.95 1.10 0.00 | 29.97 1.15 0.00 | 33.11 1.33 0.00 | 41.75 1.53 0.00 | 47.79 1.93 0.00 | 45.60 1.80 0.00 | 40.41 1.55 0.00 | 40.16 1.47 0.00 | 40.64 1.86 0.00 | 42.93 1.65 0.00 | 45.22 1.70 0.00 | 48.75 1.78 0.00 | 57.38 2.31 0.00 | 78.12 3.53 -1.00 | 106.05 5.95 -2.61 | 115.28 6.41 -2.08 | 91.36 4.97 -0.75 | 70.91 3.05 0.00 | 51.20 2.11 0.00 | 44.94 1.73 0.00 | 41.12 1.54 0.00 |
| VISCHER___FERRY HYD 24020 | 37.58 1.30 -1.20 | 31.81 1.07 -0.01 | 31.12 1.11 0.00 | 29.98 1.12 0.00 | 29.91 1.09 0.00 | 35.29 1.24 -2.27 | 61.01 1.53 -19.26 | 70.11 1.79 -22.45 | 45.30 1.49 0.00 | 39.90 1.05 0.00 | 39.69 1.00 0.00 | 40.09 1.32 0.00 | 42.31 1.03 0.00 | 44.56 1.04 0.00 | 48.28 1.31 0.00 | 56.66 1.60 0.00 | 76.45 2.87 0.00 | 138.80 5.16 -36.15 | 143.91 5.55 -31.56 | 100.82 3.76 -11.42 | 70.16 2.31 0.00 | 50.66 1.57 0.00 | 44.46 1.25 0.00 | 40.76 1.19 0.00 |
| V_A_10_SYNC_DSASP 323832 | 33.25 -1.82 0.00 | 29.87 -0.86 0.00 | 28.90 -1.11 0.00 | 27.82 -1.04 0.00 | 27.90 -0.92 0.00 | 30.29 -1.49 0.00 | 37.41 -2.82 0.00 | 42.24 -3.62 0.00 | 40.48 -3.33 0.00 | 36.60 -2.25 0.00 | 36.48 -2.21 0.00 | 37.26 -1.51 0.00 | 39.21 -2.06 0.00 | 41.13 -2.39 0.00 | 44.38 -2.58 0.00 | 51.16 -3.91 0.00 | 61.28 -7.51 4.80 | 81.01 -9.65 6.83 | 96.83 -9.93 0.03 | 78.45 -7.19 0.00 | 61.41 -6.45 0.00 | 45.21 -3.88 0.00 | 40.05 -3.15 0.00 | 37.56 -2.02 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 35.08 0.00 0.00 | 30.79 0.06 0.00 | 30.01 0.00 0.00 | 28.80 -0.06 0.00 | 28.76 -0.06 0.00 | 31.78 0.00 0.00 | 40.38 0.16 0.00 | 46.01 0.14 0.00 | 43.98 0.18 0.00 | 39.05 0.19 0.00 | 38.88 0.19 0.00 | 38.66 -0.12 0.00 | 41.48 0.21 0.00 | 43.69 0.17 0.00 | 47.01 0.05 0.00 | 55.06 0.00 0.00 | 73.29 -0.29 0.00 | 95.83 -1.66 0.00 | 105.30 -1.50 0.00 | 85.04 -0.60 0.00 | 68.19 0.34 0.00 | 49.38 0.29 0.00 | 43.60 0.39 0.00 | 39.77 0.20 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 34.79 -0.28 0.00 | 30.67 -0.06 0.00 | 29.77 -0.24 0.00 | 28.51 -0.34 0.00 | 28.47 -0.34 0.00 | 31.52 -0.26 0.00 | 40.22 0.00 0.00 | 45.68 -0.18 0.00 | 43.63 -0.17 0.00 | 38.89 0.04 0.00 | 38.84 0.16 0.00 | 38.74 -0.04 0.00 | 41.07 -0.21 0.00 | 42.91 -0.61 0.00 | 44.90 -2.07 0.00 | 45.50 -2.97 6.59 | 49.68 -4.41 19.50 | 90.27 -7.21 0.00 | 99.74 -7.05 0.00 | 80.85 -4.79 0.00 | 65.14 -2.72 0.00 | 47.86 -1.23 0.00 | 43.51 0.30 0.00 | 40.33 0.75 0.00 |
| V_D_10_SYNC_DSASP 323841 | 35.25 0.18 0.00 | 30.97 0.24 0.00 | 30.13 0.12 0.00 | 28.91 0.06 0.00 | 28.90 0.09 0.00 | 31.97 0.19 0.00 | 40.67 0.44 0.00 | 46.28 0.41 0.00 | 44.20 0.39 0.00 | 39.24 0.39 0.00 | 39.07 0.39 0.00 | 38.89 0.12 0.00 | 41.73 0.45 0.00 | 43.91 0.39 0.00 | 47.15 0.19 0.00 | 55.34 0.28 0.00 | 73.59 0.00 0.00 | 96.42 -1.07 0.00 | 105.83 -0.96 0.00 | 85.55 -0.09 0.00 | 68.60 0.75 0.00 | 49.68 0.59 0.00 | 43.81 0.60 0.00 | 40.01 0.44 0.00 |
| V_E_10_SYNC_DSASP 323830 | 37.04 1.96 0.00 | 32.79 2.06 0.00 | 31.78 1.77 0.00 | 30.36 1.50 0.00 | 30.63 1.82 0.00 | 34.16 2.38 0.00 | 43.36 3.14 0.00 | 49.86 3.99 0.00 | 47.14 3.33 0.00 | 41.19 2.33 0.00 | 40.66 1.97 0.00 | 41.22 2.44 0.00 | 43.67 2.39 0.00 | 46.00 2.48 0.00 | 49.59 2.63 0.00 | 58.97 3.91 0.00 | 85.84 6.18 -6.07 | 115.70 10.44 -7.78 | 118.82 11.96 -0.07 | 96.26 10.62 0.00 | 74.91 7.06 0.00 | 53.85 4.76 0.00 | 47.14 3.93 0.00 | 42.82 3.25 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| V_F_30_NSYNC___DSASP 323816 | 37.30 1.47 -0.75 | 32.02 1.29 -0.01 | 31.36 1.35 0.00 | 30.21 1.36 0.00 | 30.12 1.30 0.00 | 34.66 1.46 -1.42 | 54.09 1.81 -12.05 | 62.03 2.11 -14.05 | 45.43 1.62 0.00 | 39.98 1.13 0.00 | 39.65 0.97 0.00 | 40.02 1.24 0.00 | 42.31 1.03 0.00 | 44.65 1.13 0.00 | 48.47 1.50 0.00 | 56.99 1.93 0.00 | 76.97 3.39 0.00 | 125.56 5.85 -22.23 | 132.60 6.62 -19.18 | 97.03 4.45 -6.94 | 70.83 2.98 0.00 | 51.15 2.06 0.00 | 44.89 1.68 0.00 | 41.12 1.54 0.00 |
| V_F_30_SYNC_DSASP 323786 | 36.07 0.63 -0.36 | 31.25 0.52 0.00 | 30.61 0.60 0.00 | 29.49 0.63 0.00 | 29.39 0.58 0.00 | 33.13 0.67 -0.68 | 46.82 0.80 -5.79 | 53.68 1.05 -6.76 | 44.55 0.74 0.00 | 39.36 0.51 0.00 | 39.11 0.43 0.00 | 39.47 0.70 0.00 | 41.69 0.41 0.00 | 43.96 0.44 0.00 | 47.62 0.66 0.00 | 55.84 0.77 0.00 | 75.28 1.69 0.00 | 109.73 3.51 -8.73 | 116.94 3.74 -6.41 | 90.10 2.14 -2.32 | 68.94 1.09 0.00 | 49.78 0.69 0.00 | 43.73 0.52 0.00 | 40.05 0.47 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 34.79 -0.28 0.00 | 30.67 -0.06 0.00 | 29.77 -0.24 0.00 | 28.51 -0.34 0.00 | 28.47 -0.34 0.00 | 31.52 -0.26 0.00 | 40.22 0.00 0.00 | 45.68 -0.18 0.00 | 43.63 -0.17 0.00 | 38.89 0.04 0.00 | 38.84 0.16 0.00 | 38.74 -0.04 0.00 | 41.07 -0.21 0.00 | 42.91 -0.61 0.00 | 44.90 -2.07 0.00 | 45.50 -2.97 6.59 | 49.68 -4.41 19.50 | 90.27 -7.21 0.00 | 99.74 -7.05 0.00 | 80.85 -4.79 0.00 | 65.14 -2.72 0.00 | 47.86 -1.23 0.00 | 43.51 0.30 0.00 | 40.33 0.75 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 37.53 2.35 -0.11 | 32.03 1.75 0.45 | 31.28 1.65 0.38 | 30.30 1.70 0.26 | 30.06 1.56 0.31 | 33.25 1.81 0.34 | 43.85 1.89 -1.73 | 46.98 1.70 0.59 | 45.89 2.10 0.02 | 40.77 2.80 0.88 | 41.82 3.13 0.00 | 42.43 3.64 -0.01 | 43.14 2.93 1.07 | 46.41 2.96 0.07 | 50.37 3.62 0.21 | 58.84 4.52 0.74 | 77.47 5.37 1.49 | 108.42 8.29 -2.65 | 118.02 8.97 -2.25 | 92.51 6.34 -0.53 | 71.17 4.14 0.82 | 51.70 2.80 0.18 | 45.06 1.86 0.01 | 41.86 2.30 0.01 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 37.07 1.89 -0.10 | 32.11 1.38 0.00 | 31.36 1.35 0.00 | 30.24 1.39 0.00 | 30.20 1.38 0.00 | 33.52 1.56 -0.19 | 43.64 1.85 -1.57 | 49.99 2.29 -1.83 | 46.13 2.32 0.00 | 41.11 2.25 0.00 | 41.12 2.44 0.00 | 41.72 2.95 0.00 | 43.88 2.60 0.00 | 46.31 2.79 0.00 | 49.92 2.96 0.00 | 58.53 3.47 0.00 | 78.81 5.22 0.00 | 110.92 8.38 -5.05 | 121.66 9.29 -5.57 | 94.17 6.51 -2.02 | 71.86 4.00 0.00 | 51.59 2.50 0.00 | 45.28 2.07 0.00 | 41.59 2.02 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 37.50 2.31 -0.11 | 32.39 1.66 0.00 | 31.60 1.59 0.00 | 30.47 1.62 0.00 | 30.40 1.58 0.00 | 33.76 1.78 -0.20 | 44.01 2.05 -1.73 | 50.41 2.52 -2.02 | 46.48 2.67 0.00 | 41.50 2.64 0.00 | 41.55 2.86 0.00 | 42.23 3.45 0.00 | 44.33 3.05 0.00 | 46.74 3.22 0.00 | 50.39 3.43 0.00 | 59.03 3.96 0.00 | 79.40 5.81 0.00 | 112.06 9.07 -5.51 | 122.57 9.72 -6.06 | 94.68 6.85 -2.19 | 72.19 4.34 0.00 | 51.79 2.70 0.00 | 45.50 2.29 0.00 | 41.79 2.22 0.00 |
| W50THST__13_KV_LOAD 356117 | 37.71 2.53 -0.11 | 32.54 1.81 0.00 | 31.75 1.74 0.00 | 30.62 1.76 0.00 | 30.55 1.73 0.00 | 33.92 1.94 -0.20 | 44.25 2.29 -1.73 | 50.73 2.84 -2.02 | 46.79 2.98 0.00 | 41.77 2.91 0.00 | 41.86 3.17 0.00 | 42.54 3.76 0.00 | 44.66 3.38 0.00 | 47.09 3.57 0.00 | 50.77 3.80 0.00 | 59.41 4.35 0.00 | 79.99 6.40 0.00 | 112.74 9.75 -5.51 | 123.32 10.47 -6.06 | 95.20 7.37 -2.19 | 72.60 4.75 0.00 | 52.08 2.99 0.00 | 45.71 2.51 0.00 | 42.03 2.45 0.00 |
| WADING RIVER_IC_1 23522 | 36.44 1.26 -0.11 | 26.20 0.80 5.32 | 26.24 0.75 4.52 | 26.56 0.81 3.11 | 25.81 0.69 3.70 | 26.39 0.86 6.24 | 42.44 0.48 -1.73 | 44.37 0.28 1.78 | 44.30 0.61 0.13 | 29.96 1.59 10.49 | 40.24 1.55 0.00 | 41.15 2.37 -0.01 | 30.43 1.40 12.25 | 43.95 1.26 0.83 | 46.32 1.74 2.38 | 48.87 2.26 8.45 | 59.36 2.72 16.95 | 75.51 5.16 27.14 | 74.73 5.34 37.40 | 72.29 3.43 16.77 | 60.27 1.70 9.28 | 47.86 0.88 2.11 | 43.16 0.00 0.05 | 40.41 0.95 0.12 |
| WADING RIVER_IC_2 23547 | 36.44 1.26 -0.11 | 26.20 0.80 5.32 | 26.24 0.75 4.52 | 26.56 0.81 3.11 | 25.81 0.69 3.70 | 26.39 0.86 6.24 | 42.44 0.48 -1.73 | 44.37 0.28 1.78 | 44.30 0.61 0.13 | 29.96 1.59 10.49 | 40.24 1.55 0.00 | 41.15 2.37 -0.01 | 30.43 1.40 12.25 | 43.95 1.26 0.83 | 46.32 1.74 2.38 | 48.87 2.26 8.45 | 59.36 2.72 16.95 | 75.51 5.16 27.14 | 74.73 5.34 37.40 | 72.29 3.43 16.77 | 60.27 1.70 9.28 | 47.86 0.88 2.11 | 43.16 0.00 0.05 | 40.41 0.95 0.12 |
| WADING RIVER_IC_3 23601 | 36.44 1.26 -0.11 | 26.20 0.80 5.32 | 26.24 0.75 4.52 | 26.56 0.81 3.11 | 25.81 0.69 3.70 | 26.39 0.86 6.24 | 42.44 0.48 -1.73 | 44.37 0.28 1.78 | 44.30 0.61 0.13 | 29.96 1.59 10.49 | 40.24 1.55 0.00 | 41.15 2.37 -0.01 | 30.43 1.40 12.25 | 43.95 1.26 0.83 | 46.32 1.74 2.38 | 48.87 2.26 8.45 | 59.36 2.72 16.95 | 75.51 5.16 27.14 | 74.73 5.34 37.40 | 72.29 3.43 16.77 | 60.27 1.70 9.28 | 47.86 0.88 2.11 | 43.16 0.00 0.05 | 40.41 0.95 0.12 |
| WALDENNY_12_KV_BK2 80841 | 33.32 -1.75 0.00 | 29.84 -0.89 0.00 | 28.99 -1.02 0.00 | 27.93 -0.92 0.00 | 27.95 -0.86 0.00 | 30.35 -1.43 0.00 | 37.41 -2.82 0.00 | 42.24 -3.62 0.00 | 40.43 -3.37 0.00 | 36.60 -2.25 0.00 | 36.56 -2.13 0.00 | 37.42 -1.36 0.00 | 39.29 -1.98 0.00 | 41.30 -2.22 0.00 | 44.62 -2.35 0.00 | 51.16 -3.91 4.90 | 61.25 -7.43 6.96 | 82.04 -8.48 0.04 | 97.46 -9.29 0.00 | 79.05 -6.59 0.00 | 61.54 -6.31 0.00 | 45.26 -3.83 0.00 | 40.14 -3.07 0.00 | 37.79 -1.78 0.00 |
| WALDEN__HYDRO 24148 | 36.86 1.72 -0.07 | 31.99 1.26 0.00 | 31.24 1.23 0.00 | 30.13 1.27 0.00 | 30.09 1.27 0.00 | 33.34 1.43 -0.13 | 43.00 1.69 -1.09 | 49.24 2.11 -1.27 | 46.00 2.19 0.00 | 40.88 2.02 0.00 | 40.89 2.21 0.00 | 41.45 2.68 0.00 | 43.63 2.35 0.00 | 46.09 2.57 0.00 | 49.73 2.77 0.00 | 58.31 3.25 0.00 | 78.61 5.08 0.05 | 109.66 8.29 -3.89 | 120.31 9.08 -4.45 | 93.67 6.42 -1.61 | 71.86 4.00 0.00 | 51.59 2.50 0.00 | 45.24 2.03 0.00 | 41.55 1.98 0.00 |
| WARRENSBURG____ 23737 | 36.92 1.16 -0.69 | 31.78 1.04 -0.01 | 31.18 1.17 0.00 | 30.04 1.18 0.00 | 29.94 1.12 0.00 | 34.28 1.21 -1.30 | 52.78 1.57 -10.99 | 60.56 1.88 -12.81 | 45.08 1.27 0.00 | 39.55 0.70 0.00 | 39.15 0.46 0.00 | 39.51 0.74 0.00 | 41.81 0.54 0.00 | 44.13 0.61 0.00 | 47.95 0.99 0.00 | 56.50 1.43 0.00 | 76.53 2.94 0.00 | 122.92 5.26 -20.17 | 130.44 6.30 -17.35 | 95.94 4.03 -6.28 | 70.50 2.65 0.00 | 50.86 1.77 0.00 | 44.63 1.43 0.00 | 40.80 1.23 0.00 |
| WATERSIDE____6 8 9 23538 | 37.61 2.42 -0.11 | 32.52 1.78 -0.01 | 31.73 1.71 -0.01 | 30.59 1.73 -0.01 | 30.53 1.70 -0.01 | 33.90 1.91 -0.21 | 44.05 2.09 -1.73 | 50.32 2.43 -2.02 | 46.39 2.58 0.00 | 41.54 2.68 0.00 | 41.59 2.90 0.00 | 42.30 3.53 0.00 | 44.41 3.14 0.00 | 46.83 3.31 0.00 | 50.35 3.38 0.00 | 58.92 3.85 0.00 | 79.33 5.74 0.00 | 111.87 8.87 -5.51 | 122.36 9.50 -6.06 | 94.43 6.59 -2.19 | 71.99 4.14 0.00 | 51.69 2.60 0.00 | 45.63 2.42 0.00 | 41.96 2.37 -0.01 |
| WATKINRD_115KV_LN8_ILLION 55919 | 35.64 0.56 0.00 | 31.25 0.52 0.00 | 30.49 0.48 0.00 | 29.32 0.46 0.00 | 29.31 0.49 0.00 | 32.35 0.57 0.00 | 40.95 0.72 0.00 | 46.69 0.83 0.00 | 44.55 0.74 0.00 | 39.48 0.62 0.00 | 39.31 0.62 0.00 | 39.51 0.74 0.00 | 41.94 0.66 0.00 | 44.17 0.65 0.00 | 47.62 0.66 0.00 | 55.95 0.88 0.00 | 74.91 1.32 0.00 | 99.63 2.14 0.00 | 109.14 2.35 0.00 | 87.52 1.88 0.00 | 69.01 1.15 0.00 | 49.92 0.83 0.00 | 43.86 0.65 0.00 | 40.13 0.55 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WDELAWARE___HYD 323627 | 36.76 1.68 0.00 | 31.99 1.26 0.00 | 31.24 1.23 0.00 | 30.10 1.24 0.00 | 30.08 1.27 0.00 | 33.21 1.43 0.00 | 41.95 1.73 0.00 | 47.93 2.07 0.00 | 45.87 2.06 0.00 | 40.72 1.86 0.00 | 40.66 1.97 0.00 | 41.26 2.48 0.00 | 43.46 2.19 0.00 | 45.91 2.39 0.00 | 49.54 2.58 0.00 | 58.20 3.14 0.00 | 78.47 5.01 0.13 | 105.87 8.39 0.00 | 116.19 9.40 0.00 | 92.40 6.76 0.00 | 72.06 4.21 0.00 | 51.79 2.70 0.00 | 45.28 2.07 0.00 | 41.59 2.02 0.00 |
| WEST BABYLON___IC 23714 | 37.53 2.35 -0.11 | 32.03 1.75 0.45 | 31.28 1.65 0.38 | 30.30 1.70 0.26 | 30.06 1.56 0.31 | 33.25 1.81 0.34 | 43.85 1.89 -1.73 | 46.98 1.70 0.59 | 45.89 2.10 0.02 | 40.77 2.80 0.88 | 41.82 3.13 0.00 | 42.43 3.64 -0.01 | 43.14 2.93 1.07 | 46.41 2.96 0.07 | 50.37 3.62 0.21 | 58.84 4.52 0.74 | 77.47 5.37 1.49 | 108.42 8.29 -2.65 | 118.02 8.97 -2.25 | 92.51 6.34 -0.53 | 71.17 4.14 0.82 | 51.70 2.80 0.18 | 45.06 1.86 0.01 | 41.86 2.30 0.01 |
| WEST CANADA___HYD 24049 | 35.22 0.14 0.00 | 30.85 0.12 0.00 | 30.13 0.12 0.00 | 28.97 0.12 0.00 | 28.93 0.12 0.00 | 31.91 0.13 0.00 | 40.39 0.16 0.00 | 46.05 0.18 0.00 | 43.98 0.18 0.00 | 38.97 0.12 0.00 | 38.80 0.12 0.00 | 39.01 0.23 0.00 | 41.40 0.12 0.00 | 43.65 0.13 0.00 | 47.11 0.14 0.00 | 55.29 0.22 0.00 | 74.11 0.52 0.00 | 98.46 0.97 0.00 | 107.86 1.07 0.00 | 86.32 0.68 0.00 | 68.12 0.27 0.00 | 49.29 0.20 0.00 | 43.34 0.13 0.00 | 39.69 0.12 0.00 |
| WESTERN_NY_WIND 24143 | 34.13 -0.95 0.00 | 30.39 -0.34 0.00 | 29.65 -0.36 0.00 | 28.51 -0.35 0.00 | 28.59 -0.23 0.00 | 30.98 -0.79 0.00 | 38.41 -1.81 0.00 | 43.67 -2.20 0.00 | 41.79 -2.02 0.00 | 37.77 -1.09 0.00 | 37.60 -1.08 0.00 | 38.35 -0.43 0.00 | 40.29 -0.99 0.00 | 42.39 -1.13 0.00 | 45.70 -1.27 0.00 | 52.75 -2.31 0.00 | 63.70 -5.00 4.88 | 85.13 -5.46 6.90 | 100.78 -5.98 0.03 | 81.79 -3.85 0.00 | 63.65 -4.21 0.00 | 46.88 -2.21 0.00 | 41.44 -1.77 0.00 | 38.94 -0.63 0.00 |
| WESTOVER___LESR 323668 | 34.83 -0.25 0.00 | 30.63 -0.09 0.00 | 29.92 -0.09 0.00 | 28.80 -0.06 0.00 | 28.79 -0.03 0.00 | 31.65 -0.13 0.00 | 39.90 -0.32 0.00 | 45.50 -0.37 0.00 | 43.41 -0.39 0.00 | 38.66 -0.19 0.00 | 38.57 -0.12 0.00 | 39.01 0.23 0.00 | 41.15 -0.12 0.00 | 43.43 -0.09 0.00 | 46.92 -0.05 0.00 | 54.84 -0.22 0.00 | 72.46 -0.52 0.62 | 96.55 0.19 1.13 | 107.21 0.43 0.01 | 85.90 0.26 0.00 | 67.38 -0.47 0.00 | 48.75 -0.34 0.00 | 42.82 -0.39 0.00 | 39.46 -0.12 0.00 |
| WETHRSFD_WT_PWR 323626 | 33.32 -1.75 0.00 | 29.77 -0.95 0.00 | 28.69 -1.32 0.00 | 27.67 -1.18 0.00 | 27.72 -1.10 0.00 | 30.22 -1.56 0.00 | 37.49 -2.74 0.00 | 42.66 -3.21 0.00 | 40.35 -3.46 0.00 | 36.17 -2.68 0.00 | 36.48 -2.20 0.00 | 37.11 -1.67 0.00 | 38.93 -2.35 0.00 | 41.04 -2.48 0.00 | 44.38 -2.58 0.00 | 51.27 -3.80 0.00 | 61.42 -6.70 5.47 | 82.15 -7.60 7.73 | 98.94 -7.79 0.06 | 79.98 -5.65 0.00 | 62.49 -5.36 0.00 | 45.70 -3.39 0.00 | 41.31 -1.90 0.00 | 37.84 -1.74 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 36.93 1.75 -0.10 | 31.99 1.26 0.00 | 31.24 1.23 0.00 | 30.13 1.27 0.00 | 30.06 1.24 0.00 | 33.40 1.43 -0.19 | 43.45 1.65 -1.58 | 49.77 2.06 -1.84 | 45.95 2.15 0.00 | 40.95 2.10 0.00 | 40.97 2.28 0.00 | 41.57 2.79 0.00 | 43.71 2.44 0.00 | 46.09 2.57 0.00 | 49.69 2.72 0.00 | 58.26 3.19 0.00 | 78.37 4.78 0.00 | 110.36 7.80 -5.07 | 120.93 8.54 -5.60 | 93.66 5.99 -2.02 | 71.45 3.60 0.00 | 51.30 2.21 0.00 | 45.02 1.81 0.00 | 41.36 1.78 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 36.93 1.75 -0.10 | 31.99 1.26 0.00 | 31.24 1.23 0.00 | 30.13 1.27 0.00 | 30.06 1.24 0.00 | 33.40 1.43 -0.19 | 43.45 1.65 -1.58 | 49.77 2.06 -1.84 | 45.95 2.15 0.00 | 40.95 2.10 0.00 | 40.97 2.28 0.00 | 41.57 2.79 0.00 | 43.71 2.44 0.00 | 46.09 2.57 0.00 | 49.69 2.72 0.00 | 58.26 3.19 0.00 | 78.37 4.78 0.00 | 110.36 7.80 -5.07 | 120.93 8.54 -5.60 | 93.66 5.99 -2.02 | 71.45 3.60 0.00 | 51.30 2.21 0.00 | 45.02 1.81 0.00 | 41.36 1.78 0.00 |
| WHITEHAL_115KV_TB1 80871 | 37.54 1.75 -0.71 | 32.33 1.60 -0.01 | 31.69 1.68 0.00 | 30.56 1.70 0.00 | 30.43 1.61 0.00 | 34.94 1.81 -1.35 | 54.03 2.37 -11.43 | 62.04 2.84 -13.33 | 45.78 1.97 0.00 | 40.06 1.20 0.00 | 39.58 0.89 0.00 | 39.98 1.20 0.00 | 42.27 0.99 0.00 | 44.65 1.13 0.00 | 48.61 1.64 0.00 | 57.32 2.26 0.00 | 77.86 4.27 0.00 | 125.82 7.31 -21.02 | 133.77 8.86 -18.11 | 98.10 5.91 -6.55 | 71.92 4.07 0.00 | 51.84 2.75 0.00 | 45.50 2.29 0.00 | 41.55 1.98 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 37.46 2.28 -0.11 | 32.45 1.72 0.00 | 31.66 1.65 0.00 | 30.53 1.67 0.00 | 30.46 1.64 0.00 | 33.82 1.84 -0.20 | 44.19 2.25 -1.72 | 50.58 2.71 -2.00 | 46.66 2.85 0.00 | 41.61 2.76 0.00 | 41.67 2.98 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.92 3.39 0.00 | 50.58 3.62 0.00 | 59.25 4.18 0.00 | 79.69 6.11 0.00 | 112.71 9.75 -5.47 | 123.17 10.36 -6.02 | 95.27 7.45 -2.18 | 72.60 4.75 0.00 | 52.08 2.99 0.00 | 45.67 2.46 0.00 | 41.95 2.37 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 36.73 1.54 -0.11 | 26.52 1.04 5.25 | 26.51 0.96 4.46 | 26.83 1.04 3.06 | 26.07 0.89 3.64 | 26.70 1.08 6.16 | 42.84 0.88 -1.73 | 44.84 0.73 1.76 | 44.60 0.92 0.12 | 30.46 1.94 10.34 | 40.85 2.17 0.00 | 41.38 2.60 -0.01 | 30.88 1.69 12.09 | 44.27 1.57 0.82 | 46.72 2.11 2.35 | 49.42 2.70 8.34 | 60.10 3.24 16.72 | 76.53 5.75 26.71 | 76.16 6.19 36.82 | 73.23 4.11 16.52 | 61.01 2.31 9.15 | 48.28 1.28 2.08 | 43.76 0.60 0.05 | 40.73 1.27 0.12 |
| WOODARD___115KV_TB2 355635 | 34.62 -0.46 0.00 | 30.39 -0.34 0.00 | 29.62 -0.39 0.00 | 28.45 -0.40 0.00 | 28.47 -0.35 0.00 | 31.37 -0.41 0.00 | 39.78 -0.44 0.00 | 45.32 -0.55 0.00 | 43.33 -0.48 0.00 | 38.47 -0.39 0.00 | 38.34 -0.35 0.00 | 38.62 -0.16 0.00 | 40.95 -0.33 0.00 | 43.17 -0.35 0.00 | 46.63 -0.33 0.00 | 54.68 -0.39 0.00 | 73.07 -0.52 0.00 | 97.00 -0.49 0.00 | 106.36 -0.43 0.00 | 85.21 -0.43 0.00 | 67.11 -0.75 0.00 | 48.55 -0.54 0.00 | 42.65 -0.56 0.00 | 39.10 -0.47 0.00 |
| WOODMERE_69_KV_BK1 55827 | 37.53 2.35 -0.11 | 32.33 1.60 0.00 | 31.51 1.50 0.00 | 30.41 1.56 0.00 | 30.26 1.44 0.00 | 33.64 1.65 -0.20 | 43.77 1.81 -1.73 | 49.60 2.02 -1.71 | 45.99 2.19 0.01 | 41.42 2.56 0.00 | 41.70 3.02 0.00 | 42.36 3.57 -0.01 | 44.17 2.89 0.00 | 46.52 3.00 0.00 | 50.49 3.52 0.00 | 59.36 4.30 0.00 | 79.10 5.52 0.01 | 111.47 8.48 -5.51 | 122.14 9.29 -6.06 | 94.42 6.59 -2.19 | 71.92 4.07 0.01 | 51.84 2.75 0.00 | 45.23 2.03 0.01 | 41.67 2.10 0.00 |
| YORK___WARBASSE 23770 | 37.65 2.46 -0.12 | 32.55 1.81 -0.01 | 31.76 1.74 -0.01 | 30.62 1.76 -0.01 | 30.56 1.73 -0.01 | 33.93 1.94 -0.21 | 44.05 2.09 -1.73 | 50.36 2.48 -2.02 | 46.39 2.58 0.00 | 41.54 2.68 0.00 | 41.63 2.94 0.00 | 42.34 3.57 0.00 | 44.50 3.22 0.00 | 46.96 3.44 0.00 | 50.44 3.48 0.00 | 59.08 4.02 0.00 | 79.47 5.89 0.00 | 112.16 9.16 -5.51 | 122.68 9.82 -6.06 | 94.68 6.85 -2.19 | 72.19 4.34 0.00 | 51.89 2.80 0.00 | 45.80 2.59 0.00 | 42.00 2.41 -0.01 |