

Day Ahead Market Generator LBMP

| | | --- LBMP \$ | | | | | | | | | | --- Marginal Cost of Losses | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | |
|----------------------|--------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|--|--|--|--|--|--|
| Generator Data | | 10/29/2025 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 45.70 | 44.13 | 42.57 | 42.08 | 42.67 | 46.21 | 65.24 | 94.17 | 81.79 | 55.64 | 49.61 | 48.29 | 47.14 | 46.51 | 47.00 | 49.21 | 57.98 | 72.01 | 91.54 | 80.78 | 63.41 | 54.94 | 48.90 | 46.34 | | | | | | |
| | | 3.07 | 2.69 | 2.45 | 2.46 | 2.45 | 2.57 | 2.81 | 5.16 | 4.70 | 3.88 | 4.14 | 4.03 | 4.09 | 4.11 | 4.23 | 4.27 | 4.59 | 4.84 | 6.49 | 5.36 | 4.15 | 3.79 | 3.62 | 3.07 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 74TH STREET_GT_1 | 24260 | 45.65 | 44.08 | 42.53 | 42.04 | 42.63 | 46.12 | 65.24 | 93.99 | 81.56 | 55.49 | 49.47 | 48.16 | 47.01 | 46.38 | 46.87 | 49.08 | 57.82 | 71.88 | 91.37 | 80.63 | 63.35 | 54.89 | 48.85 | 46.30 | | | | | | |
| | | 3.03 | 2.65 | 2.41 | 2.42 | 2.41 | 2.49 | 2.81 | 4.98 | 4.47 | 3.73 | 4.00 | 3.90 | 3.96 | 3.99 | 4.11 | 4.13 | 4.43 | 4.70 | 6.31 | 5.20 | 4.09 | 3.73 | 3.58 | 3.03 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 74TH STREET_GT_2 | 24261 | 45.65 | 44.08 | 42.53 | 42.04 | 42.63 | 46.12 | 65.24 | 93.99 | 81.56 | 55.49 | 49.47 | 48.16 | 47.01 | 46.38 | 46.87 | 49.08 | 57.82 | 71.88 | 91.37 | 80.63 | 63.35 | 54.89 | 48.85 | 46.30 | | | | | | |
| | | 3.03 | 2.65 | 2.41 | 2.42 | 2.41 | 2.49 | 2.81 | 4.98 | 4.47 | 3.73 | 4.00 | 3.90 | 3.96 | 3.99 | 4.11 | 4.13 | 4.43 | 4.70 | 6.31 | 5.20 | 4.09 | 3.73 | 3.58 | 3.03 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| ADK HUDSON___FALLS | 24011 | 44.25 | 42.96 | 41.56 | 41.09 | 41.66 | 45.07 | 64.74 | 91.77 | 79.48 | 53.00 | 46.42 | 45.11 | 43.87 | 43.12 | 43.57 | 45.98 | 54.83 | 69.66 | 88.45 | 77.61 | 61.45 | 52.94 | 46.91 | 44.57 | | | | | | |
| | | 1.62 | 1.53 | 1.44 | 1.47 | 1.45 | 1.44 | 2.31 | 2.76 | 2.39 | 1.24 | 0.95 | 0.84 | 0.82 | 0.72 | 0.81 | 1.03 | 1.44 | 2.49 | 3.33 | 2.19 | 2.19 | 1.79 | 1.63 | 1.30 | | | | | | |
| | | 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 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| ADK RESOURCE___RCVRY | 23798 | 44.33 | 43.05 | 41.64 | 41.21 | 41.74 | 45.20 | 65.06 | 92.12 | 79.71 | 53.05 | 46.51 | 45.10 | 43.83 | 43.12 | 43.57 | 45.98 | 55.04 | 69.86 | 88.71 | 77.91 | 61.63 | 53.05 | 46.82 | 44.61 | | | | | | |
| | | 1.71 | 1.61 | 1.52 | 1.59 | 1.53 | 1.57 | 2.62 | 3.11 | 2.62 | 1.29 | 1.05 | 0.84 | 0.78 | 0.72 | 0.81 | 1.03 | 1.66 | 2.69 | 3.58 | 2.49 | 2.37 | 1.89 | 1.54 | 1.34 | | | | | | |
| | | 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 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| ADK S GLENS___FALLS | 24028 | 44.25 | 42.96 | 41.56 | 41.09 | 41.66 | 45.07 | 64.74 | 91.77 | 79.48 | 53.00 | 46.42 | 45.11 | 43.87 | 43.12 | 43.57 | 45.98 | 54.83 | 69.66 | 88.45 | 77.61 | 61.45 | 52.94 | 46.91 | 44.57 | | | | | | |
| | | 1.62 | 1.53 | 1.44 | 1.47 | 1.45 | 1.44 | 2.31 | 2.76 | 2.39 | 1.24 | 0.95 | 0.84 | 0.82 | 0.72 | 0.81 | 1.03 | 1.44 | 2.49 | 3.33 | 2.19 | 2.19 | 1.79 | 1.63 | 1.30 | | | | | | |
| | | 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 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| ADK_NYS___DAM | 23527 | 44.08 | 42.80 | 41.37 | 40.97 | 41.42 | 44.90 | 64.87 | 90.96 | 78.86 | 53.26 | 47.10 | 46.08 | 44.73 | 43.97 | 44.43 | 46.61 | 55.84 | 70.20 | 89.14 | 78.22 | 61.99 | 53.51 | 46.73 | 44.61 | | | | | | |
| | | 1.45 | 1.37 | 1.25 | 1.35 | 1.21 | 1.27 | 2.43 | 1.96 | 1.77 | 1.50 | 1.63 | 1.82 | 1.68 | 1.57 | 1.67 | 1.66 | 2.46 | 3.03 | 4.01 | 2.79 | 2.73 | 2.35 | 1.45 | 1.34 | | | | | | |
| | | 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 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| AIR_PRODUCTS___DRP | 24190 | 42.63 | 41.43 | 40.12 | 39.70 | 40.17 | 43.41 | 62.12 | 88.21 | 76.47 | 51.55 | 45.56 | 44.44 | 43.27 | 42.57 | 43.06 | 45.17 | 53.60 | 67.37 | 85.46 | 75.27 | 59.44 | 51.36 | 45.37 | 43.14 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.08 | -0.04 | -0.22 | -0.31 | -0.80 | -0.62 | -0.21 | 0.09 | 0.18 | 0.22 | 0.17 | 0.30 | 0.22 | 0.21 | 0.20 | 0.34 | -0.15 | 0.18 | 0.20 | 0.09 | -0.13 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| AKWESSNE_115KV_BK | 355683 | 43.01 | 41.89 | 40.60 | 40.10 | 40.70 | 44.29 | 63.62 | 90.70 | 78.48 | 52.64 | 46.06 | 44.84 | 43.57 | 42.82 | 43.15 | 45.39 | 54.02 | 67.98 | 86.19 | 76.33 | 59.97 | 51.77 | 45.91 | 44.01 | | | | | | |
| | | 0.38 | 0.46 | 0.48 | 0.48 | 0.48 | 0.65 | 1.19 | 1.69 | 1.39 | 0.88 | 0.59 | 0.58 | 0.52 | 0.42 | 0.38 | 0.45 | 0.64 | 0.81 | 0.85 | 0.91 | 0.71 | 0.61 | 0.63 | 0.74 | | | | | | |
| | | 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 | 43.69 | 42.47 | 41.12 | 40.65 | 41.18 | 44.46 | 63.75 | 90.43 | 78.25 | 52.33 | 46.10 | 44.88 | 43.61 | 42.95 | 43.44 | 45.71 | 54.51 | 68.72 | 87.33 | 77.01 | 60.80 | 52.43 | 46.18 | 44.09 | | | | | | |
| | | 1.07 | 1.04 | 1.00 | 1.03 | 0.96 | 0.83 | 1.31 | 1.42 | 1.16 | 0.57 | 0.64 | 0.62 | 0.56 | 0.55 | 0.68 | 0.76 | 1.12 | 1.55 | 2.21 | 1.59 | 1.54 | 1.28 | 0.91 | 0.82 | | | | | | |
| | | 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 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| ALBANY_2_SOLAR | 323834 | 43.69 | 42.47 | 41.08 | 40.65 | 41.14 | 44.46 | 63.68 | 90.43 | 78.25 | 52.33 | 46.10 | 44.84 | 43.61 | 42.95 | 43.44 | 45.66 | 54.51 | 68.72 | 87.25 | 77.01 | 60.80 | 52.43 | 46.18 | 44.09 | | | | | | |
| | | 1.07 | 1.04 | 0.96 | 1.03 | 0.93 | 0.83 | 1.25 | 1.42 | 1.16 | 0.57 | 0.64 | 0.57 | 0.56 | 0.55 | 0.68 | 0.72 | 1.12 | 1.55 | 2.13 | 1.59 | 1.54 | 1.28 | 0.91 | 0.82 | | | | | | |
| | | 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 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| ALBANY___1 | 23571 | 42.63 | 41.43 | 40.12 | 39.70 | 40.17 | 43.41 | 62.12 | 88.21 | 76.47 | 51.55 | 45.56 | 44.44 | 43.27 | 42.57 | 43.06 | 45.17 | 53.60 | 67.37 | 85.46 | 75.27 | 59.44 | 51.36 | 45.37 | 43.14 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.08 | -0.04 | -0.22 | -0.31 | -0.80 | -0.62 | -0.21 | 0.09 | 0.18 | 0.22 | 0.17 | 0.30 | 0.22 | 0.21 | 0.20 | 0.34 | -0.15 | 0.18 | 0.20 | 0.09 | -0.13 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 42.63 0.00 0.00 | 41.43 0.00 0.00 | 40.12 0.00 0.00 | 39.70 0.08 0.00 | 40.17 -0.04 0.00 | 43.41 -0.22 0.00 | 62.12 -0.31 0.00 | 88.21 -0.80 0.00 | 76.47 -0.62 0.00 | 51.55 -0.21 0.00 | 45.56 0.09 0.00 | 44.44 0.18 0.00 | 43.27 0.22 0.00 | 42.57 0.17 0.00 | 43.06 0.30 0.00 | 45.17 0.22 0.00 | 53.60 0.21 0.00 | 67.37 0.20 0.00 | 85.46 0.34 0.21 | 75.27 -0.15 0.00 | 59.44 0.18 0.00 | 51.36 0.20 0.00 | 45.37 0.09 0.00 | 43.14 -0.13 0.00 |
| ALBANY___3 23573 | 42.63 0.00 0.00 | 41.43 0.00 0.00 | 40.12 0.00 0.00 | 39.70 0.08 0.00 | 40.17 -0.04 0.00 | 43.41 -0.22 0.00 | 62.12 -0.31 0.00 | 88.21 -0.80 0.00 | 76.47 -0.62 0.00 | 51.55 -0.21 0.00 | 45.56 0.09 0.00 | 44.44 0.18 0.00 | 43.27 0.22 0.00 | 42.57 0.17 0.00 | 43.06 0.30 0.00 | 45.17 0.22 0.00 | 53.60 0.21 0.00 | 67.37 0.20 0.00 | 85.46 0.34 0.21 | 75.27 -0.15 0.00 | 59.44 0.18 0.00 | 51.36 0.20 0.00 | 45.37 0.09 0.00 | 43.14 -0.13 0.00 |
| ALBANY___4 23574 | 42.63 0.00 0.00 | 41.43 0.00 0.00 | 40.12 0.00 0.00 | 39.70 0.08 0.00 | 40.17 -0.04 0.00 | 43.41 -0.22 0.00 | 62.12 -0.31 0.00 | 88.21 -0.80 0.00 | 76.47 -0.62 0.00 | 51.55 -0.21 0.00 | 45.56 0.09 0.00 | 44.44 0.18 0.00 | 43.27 0.22 0.00 | 42.57 0.17 0.00 | 43.06 0.30 0.00 | 45.17 0.22 0.00 | 53.60 0.21 0.00 | 67.37 0.20 0.00 | 85.46 0.34 0.21 | 75.27 -0.15 0.00 | 59.44 0.18 0.00 | 51.36 0.20 0.00 | 45.37 0.09 0.00 | 43.14 -0.13 0.00 |
| ALBANY___LFGE 323615 | 43.05 0.43 0.00 | 41.85 0.41 0.00 | 40.48 0.36 0.00 | 40.06 0.44 0.00 | 40.57 0.36 0.00 | 43.90 0.26 0.00 | 62.93 0.50 0.00 | 89.19 0.18 0.00 | 77.40 0.31 0.00 | 52.07 0.31 0.00 | 46.06 0.59 0.00 | 44.88 0.62 0.00 | 43.65 0.60 0.00 | 42.99 0.59 0.00 | 43.49 0.73 0.00 | 45.57 0.63 0.00 | 54.24 0.85 0.00 | 68.11 0.94 0.00 | 86.41 1.28 0.21 | 76.10 0.68 0.00 | 60.09 0.83 0.00 | 51.87 0.72 0.00 | 45.60 0.32 0.00 | 43.53 0.26 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 43.39 0.77 0.00 | 42.26 0.83 0.00 | 40.96 0.84 0.00 | 40.42 0.79 0.00 | 41.06 0.84 0.00 | 44.68 1.05 0.00 | 64.18 1.75 0.00 | 91.50 2.49 0.00 | 79.09 2.00 0.00 | 53.05 1.29 0.00 | 46.42 0.95 0.00 | 45.19 0.93 0.00 | 43.87 0.82 0.00 | 43.12 0.72 0.00 | 43.45 0.68 0.00 | 45.75 0.81 0.00 | 54.45 1.07 0.00 | 68.52 1.34 0.00 | 86.78 1.45 0.00 | 76.93 1.51 0.00 | 60.39 1.13 0.00 | 52.18 1.02 0.00 | 46.32 1.04 0.00 | 44.40 1.13 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 43.39 0.77 0.00 | 42.26 0.83 0.00 | 40.96 0.84 0.00 | 40.42 0.79 0.00 | 41.06 0.84 0.00 | 44.68 1.05 0.00 | 64.18 1.75 0.00 | 91.50 2.49 0.00 | 79.09 2.00 0.00 | 53.05 1.29 0.00 | 46.42 0.95 0.00 | 45.19 0.93 0.00 | 43.87 0.82 0.00 | 43.12 0.72 0.00 | 43.45 0.68 0.00 | 45.75 0.81 0.00 | 54.45 1.07 0.00 | 68.52 1.34 0.00 | 86.78 1.45 0.00 | 76.93 1.51 0.00 | 60.39 1.13 0.00 | 52.18 1.02 0.00 | 46.32 1.04 0.00 | 44.40 1.13 0.00 |
| ALCOA___DSASP 323711 | 43.39 0.77 0.00 | 42.26 0.83 0.00 | 40.96 0.84 0.00 | 40.46 0.83 0.00 | 41.06 0.85 0.00 | 44.68 1.05 0.00 | 64.05 1.62 0.00 | 91.32 2.31 0.00 | 78.86 1.77 0.00 | 52.95 1.19 0.00 | 46.33 0.86 0.00 | 45.10 0.84 0.00 | 43.78 0.73 0.00 | 43.07 0.68 0.00 | 43.36 0.60 0.00 | 45.66 0.72 0.00 | 54.35 0.96 0.00 | 68.31 1.14 0.00 | 86.53 1.19 0.00 | 76.70 1.28 0.00 | 60.27 1.01 0.00 | 52.18 1.02 0.00 | 46.36 1.08 0.00 | 44.39 1.12 0.00 |
| ALLEGHENY___COGEN 23514 | 42.50 -0.13 0.00 | 41.14 -0.29 0.00 | 40.16 0.04 0.00 | 39.82 0.20 0.00 | 40.33 0.12 0.00 | 44.16 0.53 0.00 | 62.62 0.19 0.00 | 92.52 3.56 0.05 | 79.27 2.24 0.05 | 51.79 0.05 0.02 | 43.82 -1.59 0.06 | 42.26 -1.95 0.06 | 41.02 -1.98 0.06 | 40.45 -1.91 0.04 | 40.84 -1.88 0.04 | 43.11 -1.80 0.03 | 51.11 -2.14 0.14 | 66.06 -1.08 0.03 | 83.45 -0.69 1.19 | 75.16 -0.23 0.03 | 59.09 -0.83 -0.66 | 53.93 -1.23 -4.01 | 44.79 -0.45 0.03 | 43.10 -0.17 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 43.27 0.64 0.00 | 42.01 0.58 0.00 | 40.68 0.56 0.00 | 40.22 0.59 0.00 | 40.74 0.52 0.00 | 44.03 0.39 0.00 | 62.87 0.44 0.00 | 89.45 0.45 0.00 | 77.55 0.46 0.00 | 52.28 0.52 0.00 | 46.15 0.68 0.00 | 45.02 0.75 0.00 | 43.83 0.77 0.00 | 43.12 0.72 0.00 | 43.57 0.81 0.00 | 45.71 0.76 0.00 | 54.29 0.91 0.00 | 68.11 0.94 0.00 | 86.40 1.28 0.21 | 76.25 0.83 0.00 | 60.15 0.89 0.00 | 51.97 0.82 0.00 | 45.96 0.68 0.00 | 43.75 0.48 0.00 |
| ALTONA_WT_PWR 323606 | 42.97 0.34 0.00 | 41.93 0.50 0.00 | 40.64 0.52 0.00 | 40.18 0.55 0.00 | 40.78 0.56 0.00 | 44.46 0.83 0.00 | 63.06 0.62 0.00 | 89.81 0.80 0.00 | 77.48 0.39 0.00 | 52.28 0.52 0.00 | 45.97 0.50 0.00 | 44.75 0.49 0.00 | 43.39 0.34 0.00 | 42.69 0.30 0.00 | 43.02 0.26 0.00 | 45.22 0.27 0.00 | 53.60 0.21 0.00 | 67.11 -0.07 0.00 | 84.99 -0.34 0.00 | 75.35 -0.08 0.00 | 59.38 0.12 0.00 | 51.72 0.56 0.00 | 46.09 0.82 0.00 | 44.39 1.12 0.00 |
| AMERICAN_REF_FUEL 24010 | 39.94 -2.68 0.00 | 38.74 -2.69 0.00 | 37.95 -2.17 0.00 | 37.56 -2.06 0.00 | 37.84 -2.37 0.00 | 41.36 -2.27 0.00 | 56.25 -6.18 0.00 | 79.64 -9.34 0.02 | 69.67 -7.40 0.02 | 46.83 -4.92 0.01 | 39.99 -5.46 0.02 | 39.02 -5.22 0.02 | 38.34 -4.69 0.02 | 37.62 -4.75 0.03 | 37.82 -4.92 0.03 | 39.93 -4.99 0.02 | 45.91 -7.37 0.11 | 59.43 -7.72 0.02 | 74.06 -10.07 1.20 | 66.73 -8.67 0.02 | 51.22 -7.82 0.22 | 42.81 -7.21 1.13 | 41.05 -4.21 0.02 | 40.24 -3.03 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 40.11 -2.51 0.00 | 38.90 -2.53 0.00 | 38.32 -1.80 0.00 | 38.00 -1.63 0.00 | 38.36 -1.85 0.00 | 42.19 -1.44 0.00 | 59.12 -3.31 0.00 | 84.00 -4.98 0.03 | 72.90 -4.16 0.03 | 48.95 -2.80 0.01 | 42.30 -3.14 0.03 | 41.23 -3.01 0.03 | 40.10 -2.93 0.03 | 39.48 -2.88 0.03 | 39.70 -3.04 0.03 | 41.50 -3.42 0.03 | 49.02 -4.27 0.09 | 62.25 -4.90 0.03 | 77.82 -6.31 1.20 | 69.74 -5.66 0.03 | 54.27 -4.74 0.24 | 45.38 -4.50 1.27 | 41.99 -3.26 0.03 | 40.76 -2.51 0.00 |
| ARTHUR KILL_GT_1 23520 | 46.21 3.58 -0.01 | 44.71 3.27 -0.01 | 43.14 3.01 -0.01 | 42.64 3.01 -0.01 | 43.20 2.98 -0.01 | 46.78 3.14 -0.01 | 65.38 2.93 -0.01 | 93.99 4.98 0.00 | 81.48 4.39 0.00 | 55.23 3.47 0.00 | 49.06 3.59 0.00 | 47.72 3.45 0.00 | 46.58 3.53 0.00 | 46.00 3.60 0.00 | 46.53 3.76 0.00 | 48.76 3.82 0.00 | 57.50 4.11 -0.01 | 71.81 4.63 0.00 | 91.37 6.31 0.28 | 80.70 5.28 0.00 | 63.35 4.09 0.00 | 55.04 3.89 0.00 | 49.40 4.12 0.00 | 46.91 3.63 -0.01 |
| ARTHUR_KILL_2 23512 | 46.13 3.50 -0.01 | 44.55 3.11 -0.01 | 43.06 2.93 -0.01 | 42.52 2.89 -0.01 | 43.08 2.86 -0.01 | 46.65 3.01 -0.01 | 65.32 2.87 -0.01 | 93.89 4.89 0.01 | 81.40 4.31 0.01 | 55.11 3.36 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.45 3.40 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.63 3.69 0.00 | 57.45 4.06 -0.01 | 71.60 4.43 0.01 | 91.11 6.06 0.28 | 80.55 5.13 0.01 | 63.28 4.03 0.01 | 54.89 3.73 0.00 | 48.85 3.58 0.00 | 46.70 3.42 -0.01 |
| ARTHUR_KILL_3 23513 | 45.27 2.64 0.00 | 43.75 2.32 0.00 | 42.17 2.05 0.00 | 41.64 2.02 0.00 | 42.22 2.01 0.00 | 45.73 2.09 0.00 | 64.81 2.37 0.00 | 93.37 4.36 0.00 | 81.02 3.93 0.00 | 55.02 3.26 0.00 | 49.15 3.68 0.00 | 47.94 3.67 0.00 | 46.71 3.66 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.72 3.78 0.00 | 57.50 4.11 -0.01 | 71.34 4.17 0.00 | 90.78 5.72 0.27 | 80.18 4.75 0.00 | 62.94 3.68 0.00 | 54.48 3.32 0.00 | 48.04 2.76 0.00 | 45.78 2.51 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|
| ARTHUR_KILL_COGEN 323718 | 46.26 3.62 -0.01 | 44.67 3.23 -0.01 | 43.14 3.01 -0.01 | 42.64 3.01 -0.01 | 43.20 2.98 -0.01 | 46.78 3.14 -0.01 | 65.50 3.06 -0.01 | 94.07 5.07 0.01 | 81.63 4.55 0.01 | 55.27 3.52 0.01 | 49.05 3.59 0.01 | 47.80 3.54 0.01 | 46.58 3.53 0.00 | 46.04 3.65 0.00 | 46.61 3.85 0.00 | 48.72 3.78 0.00 | 57.61 4.22 -0.01 | 71.80 4.63 0.01 | 91.37 6.31 0.28 | 80.77 5.36 0.01 | 63.46 4.21 0.01 | 55.04 3.89 0.00 | 48.99 3.71 0.00 | 46.78 3.50 -0.01 |
| ASHOKAN____ 23654 | 44.42 1.79 0.00 | 43.05 1.61 0.00 | 41.61 1.49 0.00 | 41.09 1.47 0.00 | 41.62 1.41 0.00 | 44.81 1.18 0.00 | 64.43 2.00 0.00 | 92.21 3.20 0.00 | 79.33 2.24 0.00 | 52.64 0.88 0.00 | 46.47 1.00 0.00 | 45.15 0.88 0.00 | 43.91 0.86 0.00 | 43.24 0.85 0.00 | 43.70 0.94 0.00 | 45.93 0.99 0.00 | 54.88 1.49 0.00 | 69.59 2.41 0.00 | 88.85 3.75 0.24 | 78.52 3.09 0.00 | 61.69 2.43 0.00 | 53.10 1.94 0.00 | 46.82 1.54 0.00 | 44.53 1.26 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 45.83 3.20 -0.01 | 44.26 2.82 -0.01 | 42.73 2.61 -0.01 | 42.21 2.57 -0.01 | 42.76 2.53 -0.01 | 46.30 2.66 -0.01 | 64.80 2.37 0.01 | 93.45 4.45 0.01 | 81.09 4.01 0.01 | 54.60 2.84 0.01 | 48.82 3.36 0.01 | 47.67 3.41 0.01 | 46.40 3.36 0.01 | 45.87 3.48 0.01 | 46.39 3.63 0.01 | 48.44 3.51 0.01 | 57.12 3.74 0.00 | 71.33 4.17 0.01 | 90.77 5.72 0.28 | 80.25 4.83 0.01 | 62.75 3.50 0.01 | 54.68 3.53 0.00 | 48.59 3.30 -0.01 | 46.35 3.07 -0.01 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 45.79 3.15 -0.01 | 44.26 2.82 -0.01 | 42.70 2.57 -0.01 | 42.21 2.57 -0.01 | 42.76 2.53 -0.01 | 46.30 2.66 -0.01 | 64.74 2.31 0.01 | 93.45 4.45 0.01 | 81.01 3.93 0.01 | 54.54 2.79 0.01 | 48.78 3.32 0.01 | 47.62 3.36 0.01 | 46.40 3.36 0.01 | 45.82 3.43 0.01 | 46.35 3.59 0.01 | 48.40 3.46 0.01 | 57.07 3.68 0.00 | 71.26 4.10 0.01 | 90.77 5.72 0.28 | 80.25 4.83 0.01 | 62.75 3.50 0.01 | 54.68 3.53 0.00 | 48.59 3.30 -0.01 | 46.35 3.07 -0.01 |
| ASTORIA_GT2_1 24094 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |
| ASTORIA_GT2_2 24095 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |
| ASTORIA_GT2_3 24096 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |
| ASTORIA_GT2_4 24097 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |
| ASTORIA_GT3_1 24098 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |
| ASTORIA_GT3_2 24099 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |
| ASTORIA_GT3_3 24100 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |
| ASTORIA_GT3_4 24101 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |
| ASTORIA_GT4_1 24102 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |
| ASTORIA_GT4_2 24103 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |
| ASTORIA_GT4_3 24104 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |

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| ASTORIA_GT4_4 24105 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |
| ASTORIA_GT_1 23523 | 45.86 3.24 0.00 | 44.33 2.90 0.00 | 42.77 2.65 0.00 | 42.28 2.65 0.00 | 42.87 2.65 0.00 | 46.39 2.75 -0.01 | 64.80 2.37 0.00 | 93.55 4.54 0.00 | 81.10 4.01 0.00 | 54.81 3.05 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.54 3.60 0.00 | 57.18 3.79 -0.01 | 71.41 4.23 0.00 | 90.94 5.89 0.28 | 80.33 4.90 0.00 | 62.76 3.50 0.00 | 54.79 3.63 0.00 | 49.09 3.80 -0.01 | 46.57 3.29 -0.01 |
| ASTORIA_GT_10 24110 | 45.57 2.94 0.00 | 44.04 2.61 0.00 | 42.49 2.37 0.00 | 42.00 2.38 0.00 | 42.58 2.37 0.00 | 46.03 2.40 0.00 | 64.43 2.00 0.00 | 92.75 3.74 0.00 | 80.56 3.47 0.00 | 54.76 3.00 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.45 3.40 0.00 | 45.83 3.43 0.00 | 46.35 3.59 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 70.94 3.76 0.00 | 90.26 5.21 0.28 | 79.65 4.22 0.00 | 62.52 3.26 0.00 | 54.48 3.32 0.00 | 48.72 3.44 0.00 | 46.26 2.99 0.00 |
| ASTORIA_GT_11 24225 | 45.57 2.94 0.00 | 44.04 2.61 0.00 | 42.49 2.37 0.00 | 42.00 2.38 0.00 | 42.58 2.37 0.00 | 46.03 2.40 0.00 | 64.43 2.00 0.00 | 92.75 3.74 0.00 | 80.56 3.47 0.00 | 54.76 3.00 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.45 3.40 0.00 | 45.83 3.43 0.00 | 46.35 3.59 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 70.94 3.76 0.00 | 90.26 5.21 0.28 | 79.65 4.22 0.00 | 62.52 3.26 0.00 | 54.48 3.32 0.00 | 48.72 3.44 0.00 | 46.26 2.99 0.00 |
| ASTORIA_GT_12 24226 | 45.57 2.94 0.00 | 44.04 2.61 0.00 | 42.49 2.37 0.00 | 42.00 2.38 0.00 | 42.58 2.37 0.00 | 46.03 2.40 0.00 | 64.43 2.00 0.00 | 92.75 3.74 0.00 | 80.56 3.47 0.00 | 54.76 3.00 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.45 3.40 0.00 | 45.83 3.43 0.00 | 46.35 3.59 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 70.94 3.76 0.00 | 90.26 5.21 0.28 | 79.65 4.22 0.00 | 62.52 3.26 0.00 | 54.48 3.32 0.00 | 48.72 3.44 0.00 | 46.26 2.99 0.00 |
| ASTORIA_GT_13 24227 | 45.57 2.94 0.00 | 44.04 2.61 0.00 | 42.49 2.37 0.00 | 42.00 2.38 0.00 | 42.58 2.37 0.00 | 46.03 2.40 0.00 | 64.43 2.00 0.00 | 92.75 3.74 0.00 | 80.56 3.47 0.00 | 54.76 3.00 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.45 3.40 0.00 | 45.83 3.43 0.00 | 46.35 3.59 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 70.94 3.76 0.00 | 90.26 5.21 0.28 | 79.65 4.22 0.00 | 62.52 3.26 0.00 | 54.48 3.32 0.00 | 48.72 3.44 0.00 | 46.26 2.99 0.00 |
| ASTORIA_GT_5 24106 | 45.86 3.24 0.00 | 44.33 2.90 0.00 | 42.77 2.65 0.00 | 42.28 2.65 0.00 | 42.87 2.65 0.00 | 46.39 2.75 -0.01 | 64.80 2.37 0.00 | 93.55 4.54 0.00 | 81.10 4.01 0.00 | 54.81 3.05 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.54 3.60 0.00 | 57.18 3.79 -0.01 | 71.41 4.23 0.00 | 90.94 5.89 0.28 | 80.33 4.90 0.00 | 62.76 3.50 0.00 | 54.79 3.63 0.00 | 49.09 3.80 -0.01 | 46.57 3.29 -0.01 |
| ASTORIA_GT_7 24107 | 45.86 3.24 0.00 | 44.33 2.90 0.00 | 42.77 2.65 0.00 | 42.28 2.65 0.00 | 42.87 2.65 0.00 | 46.39 2.75 -0.01 | 64.80 2.37 0.00 | 93.55 4.54 0.00 | 81.10 4.01 0.00 | 54.81 3.05 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.54 3.60 0.00 | 57.18 3.79 -0.01 | 71.41 4.23 0.00 | 90.94 5.89 0.28 | 80.33 4.90 0.00 | 62.76 3.50 0.00 | 54.79 3.63 0.00 | 49.09 3.80 -0.01 | 46.57 3.29 -0.01 |
| ASTORIA_GT_8 24108 | 45.86 3.24 0.00 | 44.33 2.90 0.00 | 42.77 2.65 0.00 | 42.28 2.65 0.00 | 42.87 2.65 0.00 | 46.39 2.75 -0.01 | 64.80 2.37 0.00 | 93.55 4.54 0.00 | 81.10 4.01 0.00 | 54.81 3.05 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.54 3.60 0.00 | 57.18 3.79 -0.01 | 71.41 4.23 0.00 | 90.94 5.89 0.28 | 80.33 4.90 0.00 | 62.76 3.50 0.00 | 54.79 3.63 0.00 | 49.09 3.80 -0.01 | 46.57 3.29 -0.01 |
| ASTORIA___2 24149 | 45.83 3.20 -0.01 | 44.26 2.82 -0.01 | 42.73 2.61 -0.01 | 42.21 2.57 -0.01 | 42.76 2.53 -0.01 | 46.30 2.66 -0.01 | 64.80 2.37 0.01 | 93.45 4.45 0.01 | 81.09 4.01 0.01 | 54.60 2.84 0.01 | 48.82 3.36 0.01 | 47.67 3.41 0.01 | 46.40 3.36 0.01 | 45.87 3.48 0.01 | 46.39 3.63 0.01 | 48.44 3.51 0.01 | 57.12 3.74 0.00 | 71.33 4.17 0.01 | 90.77 5.72 0.28 | 80.25 4.83 0.01 | 62.75 3.50 0.01 | 54.68 3.53 0.00 | 48.59 3.30 -0.01 | 46.35 3.07 -0.01 |
| ASTORIA___3 23516 | 45.56 2.94 0.00 | 44.00 2.57 0.00 | 42.48 2.37 0.00 | 42.00 2.38 0.00 | 42.54 2.33 0.00 | 46.03 2.40 0.00 | 64.55 2.12 0.01 | 92.91 3.91 0.01 | 80.63 3.55 0.01 | 54.65 2.90 0.01 | 48.82 3.36 0.01 | 47.67 3.41 0.01 | 46.41 3.36 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.45 3.51 0.00 | 57.13 3.74 -0.01 | 70.92 3.76 0.01 | 90.26 5.21 0.28 | 79.71 4.30 0.01 | 62.63 3.38 0.01 | 54.43 3.28 0.00 | 48.31 3.03 0.00 | 46.13 2.86 0.00 |
| ASTORIA___4 23517 | 45.57 2.94 0.00 | 44.04 2.61 0.00 | 42.49 2.37 0.00 | 42.00 2.38 0.00 | 42.58 2.37 0.00 | 46.03 2.40 0.00 | 64.43 2.00 0.00 | 92.75 3.74 0.00 | 80.56 3.47 0.00 | 54.76 3.00 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.45 3.40 0.00 | 45.83 3.43 0.00 | 46.35 3.59 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 70.94 3.76 0.00 | 90.26 5.21 0.28 | 79.65 4.22 0.00 | 62.52 3.26 0.00 | 54.48 3.32 0.00 | 48.72 3.44 0.00 | 46.26 2.99 0.00 |
| ASTORIA___5 23518 | 45.56 2.94 0.00 | 44.00 2.57 0.00 | 42.48 2.37 0.00 | 42.00 2.38 0.00 | 42.54 2.33 0.00 | 46.03 2.40 0.00 | 64.55 2.12 0.01 | 92.91 3.91 0.01 | 80.63 3.55 0.01 | 54.65 2.90 0.01 | 48.82 3.36 0.01 | 47.67 3.41 0.01 | 46.41 3.36 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.45 3.51 0.00 | 57.13 3.74 -0.01 | 70.92 3.76 0.01 | 90.26 5.21 0.28 | 79.71 4.30 0.01 | 62.63 3.38 0.01 | 54.43 3.28 0.00 | 48.31 3.03 0.00 | 46.13 2.86 0.00 |
| AST_ENERGY_2_CC3 323677 | 45.83 3.20 -0.01 | 44.26 2.82 -0.01 | 42.73 2.61 -0.01 | 42.21 2.57 -0.01 | 42.76 2.53 -0.01 | 46.30 2.66 -0.01 | 64.80 2.37 0.01 | 93.45 4.45 0.01 | 81.09 4.01 0.01 | 54.60 2.84 0.01 | 48.82 3.36 0.01 | 47.67 3.41 0.01 | 46.40 3.36 0.01 | 45.87 3.48 0.01 | 46.39 3.63 0.01 | 48.44 3.51 0.01 | 57.12 3.74 0.00 | 71.33 4.17 0.01 | 90.77 5.72 0.28 | 80.25 4.83 0.01 | 62.75 3.50 0.01 | 54.68 3.53 0.00 | 48.59 3.30 -0.01 | 46.35 3.07 -0.01 |
| AST_ENERGY_2_CC4 323678 | 45.83 3.20 -0.01 | 44.26 2.82 -0.01 | 42.73 2.61 -0.01 | 42.21 2.57 -0.01 | 42.76 2.53 -0.01 | 46.30 2.66 -0.01 | 64.80 2.37 0.01 | 93.45 4.45 0.01 | 81.09 4.01 0.01 | 54.60 2.84 0.01 | 48.82 3.36 0.01 | 47.67 3.41 0.01 | 46.40 3.36 0.01 | 45.87 3.48 0.01 | 46.39 3.63 0.01 | 48.44 3.51 0.01 | 57.12 3.74 0.00 | 71.33 4.17 0.01 | 90.77 5.72 0.28 | 80.25 4.83 0.01 | 62.75 3.50 0.01 | 54.68 3.53 0.00 | 48.59 3.30 -0.01 | 46.35 3.07 -0.01 |

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| ATHENS_STG_1 23668 | 43.95 1.32 0.00 | 42.63 1.20 0.00 | 41.24 1.12 0.00 | 40.73 1.11 0.00 | 41.30 1.09 0.00 | 44.55 0.92 0.00 | 63.49 1.06 0.00 | 90.70 1.69 0.00 | 78.63 1.54 0.00 | 53.00 1.24 0.00 | 46.97 1.50 0.00 | 45.81 1.55 0.00 | 44.56 1.51 0.00 | 43.92 1.52 0.00 | 44.39 1.62 0.00 | 46.52 1.57 0.00 | 55.14 1.76 0.00 | 68.99 1.81 0.00 | 87.56 2.48 0.25 | 77.38 1.96 0.00 | 60.98 1.72 0.00 | 52.64 1.48 0.00 | 46.41 1.13 0.00 | 44.31 1.04 0.00 |
| ATHENS_STG_2 23670 | 43.95 1.32 0.00 | 42.63 1.20 0.00 | 41.24 1.12 0.00 | 40.73 1.11 0.00 | 41.30 1.09 0.00 | 44.55 0.92 0.00 | 63.49 1.06 0.00 | 90.70 1.69 0.00 | 78.63 1.54 0.00 | 53.00 1.24 0.00 | 46.97 1.50 0.00 | 45.81 1.55 0.00 | 44.56 1.51 0.00 | 43.92 1.52 0.00 | 44.39 1.62 0.00 | 46.52 1.57 0.00 | 55.14 1.76 0.00 | 68.99 1.81 0.00 | 87.56 2.48 0.25 | 77.38 1.96 0.00 | 60.98 1.72 0.00 | 52.64 1.48 0.00 | 46.41 1.13 0.00 | 44.31 1.04 0.00 |
| ATHENS_STG_3 23677 | 43.95 1.32 0.00 | 42.63 1.20 0.00 | 41.24 1.12 0.00 | 40.73 1.11 0.00 | 41.30 1.09 0.00 | 44.55 0.92 0.00 | 63.49 1.06 0.00 | 90.70 1.69 0.00 | 78.63 1.54 0.00 | 53.00 1.24 0.00 | 46.97 1.50 0.00 | 45.81 1.55 0.00 | 44.56 1.51 0.00 | 43.92 1.52 0.00 | 44.39 1.62 0.00 | 46.52 1.57 0.00 | 55.14 1.76 0.00 | 68.99 1.81 0.00 | 87.56 2.48 0.25 | 77.38 1.96 0.00 | 60.98 1.72 0.00 | 52.64 1.48 0.00 | 46.41 1.13 0.00 | 44.31 1.04 0.00 |
| AUBURN___LFGE 323710 | 42.37 -0.26 0.00 | 41.10 -0.33 0.00 | 39.88 -0.24 0.00 | 39.31 -0.32 0.00 | 39.93 -0.28 0.00 | 43.50 -0.13 0.00 | 62.18 -0.25 0.00 | 89.40 0.36 -0.03 | 77.43 0.31 -0.03 | 51.61 -0.16 -0.01 | 45.18 -0.32 -0.03 | 43.85 -0.44 -0.03 | 42.65 -0.43 -0.03 | 42.05 -0.38 -0.03 | 42.41 -0.38 -0.03 | 44.38 -0.58 -0.02 | 52.77 -0.69 -0.08 | 66.59 -0.60 -0.02 | 83.94 -0.43 0.96 | 75.22 -0.23 -0.02 | 58.92 -0.41 -0.08 | 50.94 -0.46 -0.25 | 44.75 -0.54 -0.02 | 42.84 -0.43 0.00 |
| BABYLON_RES_REC 323704 | 45.53 2.90 0.00 | 43.75 2.32 0.00 | 42.24 2.12 0.00 | 41.64 2.02 0.00 | 42.38 2.17 0.00 | 45.73 2.09 0.00 | 57.66 0.44 5.21 | 62.13 1.42 28.30 | 60.95 1.39 17.53 | 53.40 1.66 0.01 | 48.74 3.28 0.00 | 47.69 3.41 -0.02 | 46.65 3.45 -0.15 | 46.17 3.56 -0.21 | 46.60 3.68 -0.16 | 48.64 3.55 -0.15 | 55.79 2.46 0.05 | 69.38 2.21 0.01 | 88.55 3.50 0.28 | 78.21 2.79 0.01 | 61.38 2.13 0.01 | 53.24 2.10 0.01 | 47.59 2.31 0.00 | 45.82 2.55 0.00 |
| BALL_HILL_WT_PWR 323825 | 40.24 -2.39 0.00 | 38.99 -2.44 0.00 | 38.28 -1.84 0.00 | 37.92 -1.70 0.00 | 38.20 -2.01 0.00 | 41.89 -1.75 0.00 | 58.38 -4.06 0.00 | 82.75 -6.23 0.03 | 71.97 -5.09 0.03 | 48.33 -3.42 0.01 | 41.76 -3.68 0.03 | 40.70 -3.54 0.03 | 39.58 -3.45 0.03 | 39.02 -3.35 0.03 | 39.27 -3.46 0.03 | 41.05 -3.87 0.02 | 48.49 -4.80 0.09 | 61.57 -5.57 0.02 | 76.88 -7.25 1.20 | 69.22 -6.18 0.02 | 53.98 -5.04 0.24 | 45.13 -4.76 1.27 | 41.90 -3.35 0.02 | 40.68 -2.60 0.00 |
| BARON_WINDS___WT_PWR 323822 | 40.67 -1.96 0.00 | 39.40 -2.03 0.00 | 38.60 -1.52 0.00 | 38.20 -1.42 0.00 | 38.60 -1.61 0.00 | 42.37 -1.27 0.00 | 59.38 -3.06 0.00 | 84.60 -4.36 0.05 | 73.19 -3.85 0.05 | 48.85 -2.90 0.02 | 42.24 -3.18 0.05 | 40.99 -3.23 0.05 | 39.86 -3.14 0.05 | 39.42 -2.92 0.05 | 39.72 -2.99 0.05 | 41.53 -3.37 0.04 | 49.47 -3.74 0.18 | 62.63 -4.50 0.04 | 78.60 -5.55 1.19 | 70.63 -4.75 0.04 | 54.93 -3.73 0.60 | 44.43 -3.53 3.19 | 42.25 -2.99 0.04 | 41.02 -2.25 0.00 |
| BARRETT_IC_1 23704 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |
| BARRETT_IC_10 23701 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |
| BARRETT_IC_11 23702 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |
| BARRETT_IC_12 23703 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |
| BARRETT_IC_2 23705 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |
| BARRETT_IC_3 23706 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |
| BARRETT_IC_4 23707 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |
| BARRETT_IC_5 23708 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |

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| BARRETT_IC_6 23709 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |
| BARRETT_IC_7 23710 | 45.31 2.69 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.61 1.98 0.00 | 42.26 2.05 0.00 | 45.64 2.01 0.00 | 62.97 0.87 0.34 | 89.41 2.23 1.82 | 78.04 2.08 1.13 | 53.98 2.23 0.01 | 49.19 3.64 -0.08 | 48.20 3.67 -0.27 | 48.33 3.75 -1.54 | 48.25 3.77 -2.08 | 48.21 3.85 -1.60 | 50.28 3.87 -1.47 | 56.15 2.78 0.01 | 69.92 2.75 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.74 2.49 0.01 | 53.55 2.40 0.01 | 48.71 3.35 -0.08 | 46.04 2.77 0.00 |
| BARRETT_IC_8 23711 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |
| BARRETT_IC_9 23700 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |
| BARRETT___1 23545 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |
| BARRETT___2 23546 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 63.03 0.94 0.34 | 89.41 2.23 1.82 | 78.11 2.16 1.13 | 53.92 2.17 0.01 | 49.14 3.59 -0.08 | 48.29 3.76 -0.27 | 48.29 3.70 -1.54 | 48.29 3.82 -2.08 | 48.29 3.93 -1.60 | 50.23 3.82 -1.47 | 56.31 2.93 0.01 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.86 2.60 0.01 | 53.45 2.30 0.01 | 47.49 2.13 -0.08 | 45.65 2.38 0.00 |
| BATAVIA__115KV_TB1 55881 | 41.26 -1.36 0.00 | 39.69 -1.74 0.00 | 39.04 -1.08 0.00 | 38.40 -1.23 0.00 | 38.93 -1.29 0.00 | 42.67 -0.96 0.00 | 59.19 -3.25 0.00 | 84.00 -4.98 0.02 | 73.29 -3.78 0.02 | 48.44 -3.31 0.01 | 41.86 -3.59 0.02 | 40.84 -3.41 0.02 | 39.63 -3.40 0.02 | 39.15 -3.22 0.02 | 39.45 -3.29 0.02 | 41.42 -3.51 0.02 | 48.45 -4.86 0.08 | 62.18 -4.97 0.02 | 77.65 -6.49 1.20 | 70.50 -4.90 0.02 | 54.38 -4.74 0.14 | 45.99 -4.45 0.71 | 41.68 -3.58 0.02 | 41.28 -1.99 0.00 |
| BAYONEEC___CTG1 323682 | 45.44 2.81 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.90 2.27 0.00 | 65.06 2.62 0.00 | 93.63 4.63 0.00 | 81.25 4.16 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.85 3.91 0.00 | 57.61 4.22 -0.01 | 71.54 4.36 0.00 | 90.94 5.88 0.27 | 80.32 4.90 0.00 | 63.11 3.85 0.00 | 54.63 3.48 0.00 | 48.22 2.94 0.00 | 45.96 2.68 0.00 |
| BAYONEEC___CTG10 323750 | 45.44 2.81 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.90 2.27 0.00 | 65.06 2.62 0.00 | 93.63 4.63 0.00 | 81.25 4.16 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.85 3.91 0.00 | 57.61 4.22 -0.01 | 71.54 4.36 0.00 | 90.94 5.88 0.27 | 80.32 4.90 0.00 | 63.11 3.85 0.00 | 54.63 3.48 0.00 | 48.22 2.94 0.00 | 45.96 2.68 0.00 |
| BAYONEEC___CTG2 323683 | 45.44 2.81 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.90 2.27 0.00 | 65.06 2.62 0.00 | 93.63 4.63 0.00 | 81.25 4.16 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.85 3.91 0.00 | 57.61 4.22 -0.01 | 71.54 4.36 0.00 | 90.94 5.88 0.27 | 80.32 4.90 0.00 | 63.11 3.85 0.00 | 54.63 3.48 0.00 | 48.22 2.94 0.00 | 45.96 2.68 0.00 |
| BAYONEEC___CTG3 323684 | 45.44 2.81 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.90 2.27 0.00 | 65.06 2.62 0.00 | 93.63 4.63 0.00 | 81.25 4.16 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.85 3.91 0.00 | 57.61 4.22 -0.01 | 71.54 4.36 0.00 | 90.94 5.88 0.27 | 80.32 4.90 0.00 | 63.11 3.85 0.00 | 54.63 3.48 0.00 | 48.22 2.94 0.00 | 45.96 2.68 0.00 |
| BAYONEEC___CTG4 323685 | 45.44 2.81 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.90 2.27 0.00 | 65.06 2.62 0.00 | 93.63 4.63 0.00 | 81.25 4.16 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.85 3.91 0.00 | 57.61 4.22 -0.01 | 71.54 4.36 0.00 | 90.94 5.88 0.27 | 80.32 4.90 0.00 | 63.11 3.85 0.00 | 54.63 3.48 0.00 | 48.22 2.94 0.00 | 45.96 2.68 0.00 |
| BAYONEEC___CTG5 323686 | 45.44 2.81 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.90 2.27 0.00 | 65.06 2.62 0.00 | 93.63 4.63 0.00 | 81.25 4.16 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.85 3.91 0.00 | 57.61 4.22 -0.01 | 71.54 4.36 0.00 | 90.94 5.88 0.27 | 80.32 4.90 0.00 | 63.11 3.85 0.00 | 54.63 3.48 0.00 | 48.22 2.94 0.00 | 45.96 2.68 0.00 |
| BAYONEEC___CTG6 323687 | 45.44 2.81 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.90 2.27 0.00 | 65.06 2.62 0.00 | 93.63 4.63 0.00 | 81.25 4.16 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.85 3.91 0.00 | 57.61 4.22 -0.01 | 71.54 4.36 0.00 | 90.94 5.88 0.27 | 80.32 4.90 0.00 | 63.11 3.85 0.00 | 54.63 3.48 0.00 | 48.22 2.94 0.00 | 45.96 2.68 0.00 |
| BAYONEEC___CTG7 323688 | 45.44 2.81 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.90 2.27 0.00 | 65.06 2.62 0.00 | 93.63 4.63 0.00 | 81.25 4.16 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.85 3.91 0.00 | 57.61 4.22 -0.01 | 71.54 4.36 0.00 | 90.94 5.88 0.27 | 80.32 4.90 0.00 | 63.11 3.85 0.00 | 54.63 3.48 0.00 | 48.22 2.94 0.00 | 45.96 2.68 0.00 |

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| BAYONEEC___CTG8 323689 | 45.44 2.81 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.90 2.27 0.00 | 65.06 2.62 0.00 | 93.63 4.63 0.00 | 81.25 4.16 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.85 3.91 0.00 | 57.61 4.22 -0.01 | 71.54 4.36 0.00 | 90.94 5.88 0.27 | 80.32 4.90 0.00 | 63.11 3.85 0.00 | 54.63 3.48 0.00 | 48.22 2.94 0.00 | 45.96 2.68 0.00 |
| BAYONEEC___CTG9 323749 | 45.44 2.81 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.90 2.27 0.00 | 65.06 2.62 0.00 | 93.63 4.63 0.00 | 81.25 4.16 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.85 3.91 0.00 | 57.61 4.22 -0.01 | 71.54 4.36 0.00 | 90.94 5.88 0.27 | 80.32 4.90 0.00 | 63.11 3.85 0.00 | 54.63 3.48 0.00 | 48.22 2.94 0.00 | 45.96 2.68 0.00 |
| BEACON___LESR 323632 | 43.27 0.64 0.00 | 42.05 0.62 0.00 | 40.68 0.56 0.00 | 40.26 0.63 0.00 | 40.78 0.56 0.00 | 44.11 0.48 0.00 | 63.31 0.87 0.00 | 89.81 0.80 0.00 | 77.94 0.85 0.00 | 52.33 0.57 0.00 | 46.24 0.77 0.00 | 45.02 0.75 0.00 | 43.78 0.73 0.00 | 43.12 0.72 0.00 | 43.57 0.81 0.00 | 45.75 0.81 0.00 | 54.45 1.07 0.00 | 68.52 1.34 0.00 | 86.92 1.79 0.21 | 76.48 1.06 0.00 | 60.45 1.18 0.00 | 52.12 0.97 0.00 | 45.82 0.55 0.00 | 43.70 0.43 0.00 |
| BEAVER RIVER___HYD 24048 | 43.90 1.28 0.00 | 42.80 1.37 0.00 | 41.44 1.32 0.00 | 40.81 1.19 0.00 | 41.58 1.37 0.00 | 45.29 1.66 0.00 | 64.99 2.56 0.00 | 93.28 4.27 0.00 | 79.94 2.85 0.00 | 52.90 1.14 0.00 | 46.33 0.86 0.00 | 44.93 0.66 0.00 | 43.48 0.43 0.00 | 42.86 0.47 0.00 | 43.10 0.34 0.00 | 45.62 0.68 0.00 | 54.56 1.17 0.00 | 68.52 1.34 0.00 | 87.43 2.30 0.21 | 78.13 2.71 0.00 | 61.10 1.84 0.00 | 53.10 1.94 0.00 | 46.91 1.63 0.00 | 44.70 1.43 0.00 |
| BEEBEE_GT_13 23619 | 41.48 -1.15 0.00 | 40.19 -1.24 0.00 | 39.08 -1.04 0.00 | 38.51 -1.11 0.00 | 39.09 -1.13 0.00 | 42.67 -0.96 0.00 | 60.31 -2.12 0.00 | 85.88 -3.12 0.01 | 74.76 -2.31 0.01 | 49.84 -1.92 0.00 | 43.18 -2.27 0.01 | 42.08 -2.17 0.01 | 40.84 -2.20 0.01 | 40.35 -2.04 0.02 | 40.65 -2.10 0.02 | 42.73 -2.20 0.01 | 50.18 -3.15 0.06 | 64.07 -3.09 0.01 | 80.04 -4.10 1.20 | 72.47 -2.94 0.01 | 56.12 -3.14 0.00 | 48.31 -2.92 -0.08 | 42.77 -2.49 0.01 | 41.76 -1.51 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 46.00 3.37 -0.01 | 44.46 3.02 -0.01 | 42.90 2.77 -0.01 | 42.37 2.73 -0.01 | 42.96 2.73 -0.01 | 46.48 2.84 -0.01 | 65.07 2.62 -0.01 | 93.64 4.63 0.00 | 81.33 4.24 0.00 | 55.23 3.47 0.00 | 49.11 3.64 0.00 | 47.81 3.54 0.00 | 46.67 3.62 0.00 | 46.04 3.65 0.00 | 46.61 3.85 0.00 | 48.76 3.82 0.00 | 57.50 4.11 -0.01 | 71.67 4.50 0.00 | 91.20 6.14 0.28 | 80.48 5.05 0.00 | 63.23 3.97 0.00 | 54.94 3.79 0.00 | 49.17 3.89 0.00 | 46.70 3.42 -0.01 |
| BETHLEHEM___GRP 23843 | 42.63 0.00 0.00 | 41.43 0.00 0.00 | 40.12 0.00 0.00 | 39.70 0.08 0.00 | 40.17 -0.04 0.00 | 43.41 -0.22 0.00 | 62.12 -0.31 0.00 | 88.21 -0.80 0.00 | 76.47 -0.62 0.00 | 51.55 -0.21 0.00 | 45.56 0.09 0.00 | 44.44 0.18 0.00 | 43.27 0.22 0.00 | 42.57 0.17 0.00 | 43.06 0.30 0.00 | 45.17 0.22 0.00 | 53.60 0.21 0.00 | 67.37 0.20 0.00 | 85.46 0.34 0.21 | 75.27 -0.15 0.00 | 59.44 0.18 0.00 | 51.36 0.20 0.00 | 45.37 0.09 0.00 | 43.14 -0.13 0.00 |
| BETHLEHEM___GS1 323560 | 42.63 0.00 0.00 | 41.43 0.00 0.00 | 40.08 -0.04 0.00 | 39.66 0.04 0.00 | 40.17 -0.04 0.00 | 43.42 -0.22 0.00 | 62.18 -0.25 0.00 | 88.21 -0.80 0.00 | 76.55 -0.54 0.00 | 51.50 -0.26 0.00 | 45.65 0.18 0.00 | 44.49 0.22 0.00 | 43.27 0.22 0.00 | 42.61 0.21 0.00 | 43.10 0.34 0.00 | 45.17 0.23 0.00 | 53.65 0.27 0.00 | 67.38 0.20 0.00 | 85.47 0.34 0.21 | 75.35 -0.08 0.00 | 59.50 0.24 0.00 | 51.36 0.21 0.00 | 45.14 -0.14 0.00 | 43.10 -0.17 0.00 |
| BETHLEHEM___GS2 323561 | 42.63 0.00 0.00 | 41.43 0.00 0.00 | 40.08 -0.04 0.00 | 39.66 0.04 0.00 | 40.17 -0.04 0.00 | 43.42 -0.22 0.00 | 62.18 -0.25 0.00 | 88.21 -0.80 0.00 | 76.55 -0.54 0.00 | 51.50 -0.26 0.00 | 45.65 0.18 0.00 | 44.49 0.22 0.00 | 43.27 0.22 0.00 | 42.61 0.21 0.00 | 43.10 0.34 0.00 | 45.17 0.23 0.00 | 53.65 0.27 0.00 | 67.38 0.20 0.00 | 85.47 0.34 0.21 | 75.35 -0.08 0.00 | 59.50 0.24 0.00 | 51.36 0.21 0.00 | 45.14 -0.14 0.00 | 43.10 -0.17 0.00 |
| BETHLEHEM___GS3 323562 | 42.63 0.00 0.00 | 41.43 0.00 0.00 | 40.08 -0.04 0.00 | 39.66 0.04 0.00 | 40.17 -0.04 0.00 | 43.42 -0.22 0.00 | 62.18 -0.25 0.00 | 88.21 -0.80 0.00 | 76.55 -0.54 0.00 | 51.50 -0.26 0.00 | 45.65 0.18 0.00 | 44.49 0.22 0.00 | 43.27 0.22 0.00 | 42.61 0.21 0.00 | 43.10 0.34 0.00 | 45.17 0.23 0.00 | 53.65 0.27 0.00 | 67.38 0.20 0.00 | 85.47 0.34 0.21 | 75.35 -0.08 0.00 | 59.50 0.24 0.00 | 51.36 0.21 0.00 | 45.14 -0.14 0.00 | 43.10 -0.17 0.00 |
| BETHLEHEM___STEEL 23779 | 40.24 -2.39 0.00 | 38.90 -2.53 0.00 | 38.19 -1.93 0.00 | 37.45 -2.18 0.00 | 37.96 -2.25 0.00 | 41.76 -1.88 0.00 | 57.94 -4.50 0.00 | 82.22 -6.76 0.03 | 71.59 -5.47 0.03 | 47.40 -4.35 0.01 | 41.53 -3.91 0.03 | 40.52 -3.72 0.03 | 39.45 -3.57 0.03 | 38.89 -3.48 0.03 | 39.14 -3.59 0.03 | 40.92 -4.00 0.02 | 48.29 -5.02 0.08 | 61.17 -5.98 0.02 | 76.46 -7.68 1.20 | 68.76 -6.64 0.02 | 53.68 -5.33 0.25 | 44.93 -4.91 1.31 | 41.41 -3.85 0.02 | 40.16 -3.12 0.00 |
| BETHLHEM_115KV_TB1 79974 | 42.80 0.17 0.00 | 41.56 0.12 0.00 | 40.24 0.12 0.00 | 39.82 0.20 0.00 | 40.33 0.12 0.00 | 43.55 -0.09 0.00 | 62.31 -0.12 0.00 | 88.47 -0.53 0.00 | 76.78 -0.31 0.00 | 51.71 -0.05 0.00 | 45.74 0.27 0.00 | 44.57 0.31 0.00 | 43.40 0.34 0.00 | 42.74 0.34 0.00 | 43.19 0.43 0.00 | 45.30 0.36 0.00 | 53.76 0.37 0.00 | 67.58 0.40 0.00 | 85.72 0.60 0.21 | 75.50 0.08 0.00 | 59.62 0.36 0.00 | 51.51 0.36 0.00 | 45.50 0.23 0.00 | 43.31 0.04 0.00 |
| BETHPAGE_CC_5 323564 | 45.31 2.69 0.00 | 43.63 2.19 0.00 | 42.13 2.01 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.55 1.92 0.00 | 58.61 0.94 4.76 | 65.38 2.23 25.86 | 63.22 2.16 16.02 | 53.76 2.02 0.01 | 49.06 3.59 0.00 | 48.06 3.76 -0.03 | 47.02 3.74 -0.23 | 46.57 3.86 -0.31 | 46.98 3.98 -0.24 | 49.03 3.87 -0.22 | 56.22 2.88 0.04 | 69.86 2.69 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.80 2.55 0.01 | 53.60 2.46 0.01 | 47.68 2.40 0.00 | 45.82 2.55 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 40.24 -2.39 0.00 | 38.86 -2.57 0.00 | 38.19 -1.93 0.00 | 37.45 -2.18 0.00 | 37.96 -2.25 0.00 | 41.76 -1.88 0.00 | 58.00 -4.43 0.00 | 82.49 -6.50 0.03 | 71.67 -5.40 0.03 | 47.45 -4.30 0.01 | 41.71 -3.73 0.03 | 40.70 -3.54 0.03 | 39.62 -3.40 0.03 | 39.02 -3.35 0.03 | 39.31 -3.42 0.03 | 41.06 -3.87 0.02 | 48.66 -4.64 0.08 | 61.51 -5.64 0.02 | 76.88 -7.25 1.20 | 68.99 -6.41 0.02 | 54.09 -4.92 0.25 | 45.30 -4.55 1.30 | 41.68 -3.58 0.02 | 40.20 -3.07 0.00 |
| BINGHAMTON___COGEN 23790 | 42.71 0.09 0.00 | 41.43 0.00 0.00 | 40.20 0.08 0.00 | 39.62 0.00 0.00 | 40.25 0.04 0.00 | 43.81 0.17 0.00 | 62.31 -0.12 0.00 | 89.09 0.09 0.01 | 77.08 0.00 0.01 | 51.55 -0.21 0.00 | 45.33 -0.14 0.00 | 44.04 -0.22 0.00 | 42.92 -0.13 0.00 | 42.31 -0.08 0.00 | 42.67 -0.09 0.00 | 44.85 -0.09 0.00 | 53.26 -0.11 0.02 | 67.04 -0.13 0.00 | 84.32 0.09 1.10 | 75.50 0.08 0.00 | 59.26 0.06 0.06 | 50.82 -0.05 0.28 | 45.27 0.00 0.00 | 43.19 -0.09 0.00 |

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| BIXINCNT_115KV_LOAD 355685 | 40.11 -2.51 0.00 | 38.82 -2.61 0.00 | 38.23 -1.89 0.00 | 37.56 -2.06 0.00 | 38.04 -2.17 0.00 | 41.93 -1.70 0.00 | 58.69 -3.75 0.00 | 83.73 -5.25 0.03 | 72.36 -4.70 0.03 | 47.87 -3.88 0.01 | 42.35 -3.09 0.03 | 41.27 -2.97 0.03 | 40.14 -2.88 0.03 | 39.36 -3.01 0.03 | 39.65 -3.08 0.03 | 41.32 -3.60 0.02 | 49.51 -3.79 0.08 | 62.31 -4.84 0.02 | 78.00 -6.14 1.19 | 69.52 -5.88 0.02 | 55.04 -3.97 0.25 | 46.15 -3.73 1.27 | 42.31 -2.94 0.02 | 40.16 -3.12 0.00 |
| BLACK RIVER___HYD 24047 | 44.12 1.49 0.00 | 43.01 1.57 0.00 | 41.61 1.49 0.00 | 40.97 1.35 0.00 | 41.78 1.57 0.00 | 45.55 1.92 0.00 | 65.55 3.12 0.00 | 94.26 5.25 0.00 | 80.71 3.62 0.00 | 53.10 1.34 0.00 | 46.33 0.86 0.00 | 44.84 0.57 0.00 | 43.39 0.34 0.00 | 42.82 0.42 0.00 | 42.98 0.21 0.00 | 45.53 0.58 0.00 | 54.61 1.23 0.00 | 68.78 1.61 0.00 | 88.13 2.99 0.19 | 78.97 3.55 0.00 | 61.69 2.43 0.00 | 53.40 2.25 0.00 | 47.09 1.81 0.00 | 44.87 1.60 0.00 |
| BLACKRVR_115KV_TB2 79977 | 44.12 1.49 0.00 | 43.01 1.57 0.00 | 41.60 1.48 0.00 | 40.97 1.35 0.00 | 41.78 1.57 0.00 | 45.55 1.92 0.00 | 65.56 3.12 0.00 | 94.35 5.34 0.00 | 80.64 3.55 0.00 | 53.05 1.29 0.00 | 46.33 0.86 0.00 | 44.84 0.58 0.00 | 43.40 0.34 0.00 | 42.82 0.42 0.00 | 42.98 0.21 0.00 | 45.53 0.58 0.00 | 54.61 1.23 0.00 | 68.79 1.61 0.00 | 88.13 2.99 0.19 | 78.97 3.54 0.00 | 61.69 2.43 0.00 | 53.40 2.25 0.00 | 47.00 1.72 0.00 | 44.83 1.56 0.00 |
| BLDWN_LI_69_KV_BK4 356085 | 45.52 2.90 0.00 | 43.79 2.36 0.00 | 42.25 2.13 0.00 | 41.72 2.10 0.00 | 42.42 2.21 0.00 | 45.81 2.18 0.00 | 60.89 1.37 2.92 | 76.13 2.94 15.82 | 69.99 2.70 9.80 | 54.23 2.48 0.01 | 49.40 3.91 -0.02 | 48.30 3.94 -0.10 | 47.65 4.00 -0.60 | 47.19 3.99 -0.81 | 47.49 4.11 -0.62 | 49.65 4.13 -0.57 | 56.51 3.15 0.03 | 70.32 3.16 0.01 | 89.66 4.61 0.28 | 79.11 3.70 0.01 | 62.28 3.02 0.01 | 53.91 2.76 0.01 | 48.97 3.67 -0.02 | 46.26 2.99 0.00 |
| BLISS_WT_PWR 323608 | 40.02 -2.60 0.00 | 38.86 -2.57 0.00 | 38.28 -1.84 0.00 | 37.88 -1.74 0.00 | 38.16 -2.05 0.00 | 41.93 -1.70 0.00 | 58.88 -3.56 0.00 | 83.28 -5.70 0.03 | 72.36 -4.71 0.03 | 48.49 -3.26 0.01 | 42.30 -3.14 0.03 | 41.14 -3.10 0.03 | 39.58 -3.45 0.03 | 39.14 -3.22 0.03 | 39.44 -3.29 0.03 | 40.83 -4.09 0.03 | 49.50 -3.79 0.09 | 61.57 -5.57 0.03 | 76.62 -7.51 1.20 | 69.06 -6.34 0.03 | 54.98 -4.03 0.25 | 46.03 -3.84 1.28 | 41.49 -3.76 0.03 | 40.50 -2.77 0.00 |
| BLUESTONE___WT_PWR 323821 | 44.20 1.58 0.00 | 43.05 1.61 0.00 | 41.73 1.61 0.00 | 41.13 1.51 0.00 | 41.86 1.65 0.00 | 45.55 1.92 0.00 | 65.37 2.94 0.00 | 94.10 5.07 -0.02 | 81.12 4.01 -0.02 | 53.63 1.86 -0.01 | 46.90 1.41 -0.02 | 45.43 1.15 -0.02 | 44.02 0.95 -0.02 | 43.48 1.06 -0.02 | 43.69 0.90 -0.02 | 46.21 1.26 -0.01 | 55.47 2.03 -0.06 | 69.67 2.49 -0.01 | 88.34 3.93 0.92 | 79.36 3.92 -0.01 | 62.17 2.90 0.00 | 53.09 1.99 0.06 | 46.65 1.36 -0.01 | 44.53 1.26 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 43.44 0.81 0.00 | 42.22 0.79 0.00 | 40.88 0.76 0.00 | 40.42 0.79 0.00 | 40.98 0.76 0.00 | 44.24 0.61 0.00 | 63.25 0.81 0.00 | 89.90 0.89 0.00 | 77.86 0.77 0.00 | 52.28 0.52 0.00 | 46.06 0.59 0.00 | 44.84 0.58 0.00 | 43.65 0.60 0.00 | 42.99 0.59 0.00 | 43.45 0.68 0.00 | 45.66 0.72 0.00 | 54.29 0.91 0.00 | 68.38 1.21 0.00 | 86.74 1.62 0.21 | 76.48 1.06 0.00 | 60.39 1.13 0.00 | 52.18 1.02 0.00 | 46.14 0.86 0.00 | 43.92 0.65 0.00 |
| BOC_GAS_DRP 24189 | 43.22 0.60 0.00 | 41.97 0.54 0.00 | 40.64 0.52 0.00 | 40.18 0.55 0.00 | 40.74 0.52 0.00 | 43.98 0.35 0.00 | 62.81 0.37 0.00 | 89.36 0.36 0.00 | 77.48 0.39 0.00 | 52.28 0.52 0.00 | 46.15 0.68 0.00 | 44.97 0.71 0.00 | 43.83 0.77 0.00 | 43.12 0.72 0.00 | 43.57 0.81 0.00 | 45.71 0.76 0.00 | 54.24 0.85 0.00 | 68.05 0.87 0.00 | 86.32 1.19 0.21 | 76.18 0.75 0.00 | 60.09 0.83 0.00 | 51.92 0.77 0.00 | 45.96 0.68 0.00 | 43.75 0.48 0.00 |
| BOONVILLE_115KV_TB1 79983 | 43.73 1.11 0.00 | 42.59 1.16 0.00 | 41.20 1.08 0.00 | 40.62 0.99 0.00 | 41.38 1.17 0.00 | 44.99 1.35 0.00 | 64.56 2.12 0.00 | 92.57 3.56 0.00 | 79.71 2.62 0.00 | 52.90 1.14 0.00 | 46.38 0.91 0.00 | 45.02 0.75 0.00 | 43.61 0.56 0.00 | 43.03 0.64 0.00 | 43.28 0.51 0.00 | 45.71 0.76 0.00 | 54.61 1.23 0.00 | 68.65 1.48 0.00 | 87.33 2.30 0.31 | 77.91 2.49 0.00 | 61.04 1.78 0.00 | 52.79 1.64 0.00 | 46.55 1.27 0.00 | 44.40 1.13 0.00 |
| BORALEX_4TH_BRANCH 23824 | 44.08 1.45 0.00 | 42.80 1.37 0.00 | 41.40 1.28 0.00 | 40.97 1.35 0.00 | 41.46 1.25 0.00 | 44.90 1.27 0.00 | 64.81 2.37 0.00 | 90.88 1.87 0.00 | 78.86 1.77 0.00 | 53.31 1.55 0.00 | 46.97 1.50 0.00 | 46.04 1.77 0.00 | 44.77 1.72 0.00 | 43.96 1.57 0.00 | 44.39 1.62 0.00 | 46.61 1.66 0.00 | 55.79 2.40 0.00 | 70.20 3.02 0.00 | 89.14 4.01 0.21 | 78.06 2.64 0.00 | 61.93 2.67 0.00 | 53.51 2.35 0.00 | 47.00 1.72 0.00 | 44.66 1.38 0.00 |
| BOWLINE___1 23526 | 45.01 2.39 0.00 | 43.50 2.07 0.00 | 42.01 1.89 0.00 | 41.49 1.86 0.00 | 42.10 1.89 0.00 | 45.55 1.92 0.00 | 64.62 2.18 0.00 | 92.92 3.91 0.00 | 80.56 3.47 0.00 | 54.55 2.79 0.00 | 48.65 3.18 0.00 | 47.41 3.14 0.00 | 46.19 3.14 0.00 | 45.58 3.18 0.00 | 46.06 3.29 0.00 | 48.18 3.24 0.00 | 56.81 3.42 0.00 | 70.80 3.62 0.00 | 90.17 5.12 0.28 | 79.64 4.22 0.00 | 62.52 3.26 0.00 | 54.07 2.91 0.00 | 47.72 2.44 0.00 | 45.48 2.21 0.00 |
| BOWLINE___2 23595 | 44.97 2.34 0.00 | 43.50 2.07 0.00 | 42.01 1.89 0.00 | 41.49 1.86 0.00 | 42.06 1.85 0.00 | 45.55 1.92 0.00 | 64.56 2.12 0.00 | 92.92 3.91 0.00 | 80.56 3.47 0.00 | 54.55 2.79 0.00 | 48.60 3.13 0.00 | 47.41 3.14 0.00 | 46.19 3.14 0.00 | 45.58 3.18 0.00 | 46.06 3.29 0.00 | 48.14 3.19 0.00 | 56.81 3.42 0.00 | 70.80 3.62 0.00 | 90.08 5.03 0.28 | 79.64 4.22 0.00 | 62.52 3.26 0.00 | 54.07 2.91 0.00 | 47.72 2.44 0.00 | 45.48 2.21 0.00 |
| BRADY___115KV_TB2 356060 | 43.86 1.24 0.00 | 42.80 1.37 0.00 | 41.44 1.32 0.00 | 40.89 1.27 0.00 | 41.54 1.33 0.00 | 45.29 1.66 0.00 | 65.12 2.68 0.00 | 93.01 4.01 0.00 | 79.94 2.85 0.00 | 53.36 1.60 0.00 | 46.65 1.18 0.00 | 45.37 1.11 0.00 | 44.00 0.95 0.00 | 43.29 0.89 0.00 | 43.57 0.81 0.00 | 45.98 1.03 0.00 | 54.88 1.49 0.00 | 69.12 1.95 0.00 | 87.72 2.39 0.00 | 77.91 2.49 0.00 | 61.10 1.84 0.00 | 52.89 1.74 0.00 | 46.95 1.68 0.00 | 44.96 1.69 0.00 |
| BRANSCOMB___SOLAR 323811 | 44.12 1.49 0.00 | 42.84 1.41 0.00 | 41.44 1.32 0.00 | 40.97 1.35 0.00 | 41.50 1.29 0.00 | 44.94 1.31 0.00 | 64.62 2.18 0.00 | 91.50 2.49 0.00 | 79.25 2.16 0.00 | 52.95 1.19 0.00 | 46.51 1.05 0.00 | 45.20 0.93 0.00 | 43.96 0.91 0.00 | 43.24 0.85 0.00 | 43.70 0.94 0.00 | 46.02 1.08 0.00 | 54.98 1.60 0.00 | 69.52 2.35 0.00 | 88.37 3.24 0.20 | 77.76 2.34 0.00 | 61.45 2.19 0.00 | 52.99 1.84 0.00 | 46.63 1.36 0.00 | 44.48 1.21 0.00 |
| BRDGHMPT_69_KV_BK1 55812 | 45.44 2.81 0.00 | 43.63 2.20 0.00 | 42.17 2.05 0.00 | 41.65 2.02 0.00 | 42.34 2.13 0.00 | 45.64 2.01 0.00 | 56.53 0.19 6.09 | 57.09 1.16 33.08 | 57.83 1.23 20.50 | 53.45 1.71 0.02 | 48.69 3.23 0.00 | 47.85 3.59 0.00 | 46.86 3.75 -0.06 | 46.25 3.77 -0.08 | 46.72 3.89 -0.06 | 48.91 3.91 -0.06 | 55.57 2.24 0.05 | 69.25 2.08 0.01 | 88.55 3.50 0.28 | 78.13 2.72 0.01 | 61.21 1.96 0.01 | 53.14 1.99 0.01 | 48.71 3.44 0.00 | 46.26 2.99 0.00 |

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| BRENTWOD_69_KV_W. BRTWOOD 56703 | 45.82 3.20 0.00 | 44.04 2.61 0.00 | 42.53 2.41 0.00 | 42.00 2.38 0.00 | 42.67 2.45 0.00 | 46.08 2.44 0.00 | 57.06 0.50 5.87 | 58.81 1.69 31.89 | 58.95 1.62 19.76 | 54.07 2.33 0.01 | 49.42 3.96 0.00 | 48.35 4.07 -0.01 | 46.84 3.70 -0.09 | 46.29 3.77 -0.12 | 46.70 3.85 -0.09 | 48.80 3.78 -0.08 | 56.32 2.99 0.05 | 70.32 3.16 0.01 | 89.74 4.69 0.28 | 79.19 3.77 0.01 | 62.10 2.84 0.01 | 53.81 2.66 0.01 | 49.21 3.94 0.00 | 46.60 3.33 0.00 |
| BRISTLHL_115KV_TB1 79998 | 41.77 -0.85 0.00 | 40.56 -0.87 0.00 | 39.32 -0.80 0.00 | 38.79 -0.83 0.00 | 39.41 -0.80 0.00 | 42.80 -0.83 0.00 | 61.18 -1.25 0.00 | 87.23 -1.78 0.00 | 75.63 -1.46 0.00 | 50.62 -1.14 0.00 | 44.38 -1.09 0.00 | 43.16 -1.11 0.00 | 41.97 -1.08 0.00 | 41.38 -1.02 0.00 | 41.69 -1.07 0.00 | 43.87 -1.08 0.00 | 52.05 -1.33 0.00 | 65.63 -1.54 0.00 | 83.82 -1.79 -0.28 | 73.99 -1.43 0.00 | 58.02 -1.24 0.00 | 50.03 -1.13 0.00 | 44.19 -1.09 0.00 | 42.32 -0.95 0.00 |
| BROOKHAVEN___DRP 24191 | 45.35 2.73 0.00 | 43.63 2.20 0.00 | 42.09 1.97 0.00 | 41.61 1.98 0.00 | 42.26 2.05 0.00 | 45.60 1.96 0.00 | 56.59 0.25 6.10 | 57.15 1.25 33.10 | 57.74 1.16 20.51 | 53.40 1.66 0.02 | 48.69 3.23 0.00 | 47.81 3.54 0.00 | 46.77 3.66 -0.06 | 46.21 3.73 -0.08 | 46.67 3.85 -0.06 | 48.82 3.82 -0.06 | 55.46 2.14 0.05 | 69.18 2.02 0.01 | 88.38 3.33 0.28 | 77.98 2.56 0.01 | 61.15 1.90 0.01 | 53.09 1.94 0.01 | 48.76 3.49 0.00 | 46.17 2.90 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 45.40 2.77 0.00 | 43.83 2.40 0.00 | 42.28 2.16 0.00 | 41.76 2.14 0.00 | 42.34 2.13 0.00 | 45.86 2.22 0.00 | 64.93 2.50 0.00 | 93.55 4.54 0.00 | 81.17 4.08 0.00 | 55.17 3.42 0.00 | 49.24 3.77 0.00 | 48.02 3.76 0.00 | 46.79 3.74 0.00 | 46.21 3.82 0.00 | 46.69 3.93 0.00 | 48.81 3.87 0.00 | 57.61 4.22 -0.01 | 71.48 4.30 0.00 | 90.86 5.81 0.27 | 80.25 4.83 0.00 | 63.06 3.80 0.00 | 54.63 3.48 0.00 | 48.18 2.90 0.00 | 45.91 2.64 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 45.83 3.20 -0.01 | 44.34 2.90 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.37 4.36 0.00 | 81.02 3.93 0.00 | 55.02 3.26 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.44 3.68 0.00 | 48.58 3.64 0.00 | 57.29 3.90 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.93 3.67 0.00 | 54.73 3.58 0.00 | 49.04 3.76 0.00 | 46.52 3.25 -0.01 |
| BROOME_2_LFGE 323671 | 42.71 0.09 0.00 | 41.43 0.00 0.00 | 40.24 0.12 0.00 | 39.70 0.08 0.00 | 40.29 0.08 0.00 | 43.81 0.18 0.00 | 62.37 -0.06 0.00 | 89.09 0.09 0.01 | 77.16 0.08 0.01 | 51.71 -0.05 0.00 | 45.33 -0.14 0.00 | 44.08 -0.18 0.00 | 42.83 -0.21 0.00 | 42.27 -0.13 0.00 | 42.63 -0.13 0.00 | 44.81 -0.13 0.00 | 53.33 -0.05 0.00 | 66.97 -0.20 0.00 | 84.23 0.00 1.10 | 75.50 0.08 0.00 | 59.32 0.12 0.06 | 50.84 -0.05 0.26 | 45.10 -0.18 0.00 | 43.23 -0.04 0.00 |
| BROOME___LFGE 323600 | 42.71 0.09 0.00 | 41.43 0.00 0.00 | 40.24 0.12 0.00 | 39.70 0.08 0.00 | 40.29 0.08 0.00 | 43.81 0.18 0.00 | 62.37 -0.06 0.00 | 89.09 0.09 0.01 | 77.16 0.08 0.01 | 51.71 -0.05 0.00 | 45.33 -0.14 0.00 | 44.08 -0.18 0.00 | 42.83 -0.21 0.00 | 42.27 -0.13 0.00 | 42.63 -0.13 0.00 | 44.81 -0.13 0.00 | 53.33 -0.05 0.00 | 66.97 -0.20 0.00 | 84.23 0.00 1.10 | 75.50 0.08 0.00 | 59.32 0.12 0.06 | 50.84 -0.05 0.26 | 45.10 -0.18 0.00 | 43.23 -0.04 0.00 |
| BROWNFLS_115KV_TB 3_5 80003 | 43.86 1.24 0.00 | 42.76 1.33 0.00 | 41.40 1.28 0.00 | 40.81 1.19 0.00 | 41.54 1.33 0.00 | 45.29 1.66 0.00 | 64.74 2.31 0.00 | 92.84 3.83 0.00 | 79.71 2.62 0.00 | 53.00 1.24 0.00 | 46.51 1.05 0.00 | 45.15 0.89 0.00 | 43.74 0.69 0.00 | 43.07 0.68 0.00 | 43.32 0.56 0.00 | 45.80 0.85 0.00 | 54.72 1.33 0.00 | 68.45 1.28 0.00 | 87.04 1.71 0.00 | 77.54 2.11 0.00 | 60.68 1.42 0.00 | 52.89 1.74 0.00 | 46.86 1.58 0.00 | 44.79 1.51 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 45.78 3.15 0.00 | 44.25 2.82 0.00 | 42.65 2.53 0.00 | 42.12 2.50 0.00 | 42.75 2.53 0.00 | 46.25 2.62 0.00 | 65.49 3.06 0.00 | 94.35 5.34 0.00 | 81.95 4.86 0.00 | 55.69 3.93 0.00 | 49.65 4.18 0.00 | 48.38 4.12 0.00 | 47.18 4.13 0.00 | 46.55 4.15 0.00 | 47.04 4.28 0.00 | 49.26 4.31 0.00 | 58.04 4.64 -0.01 | 72.14 4.97 0.00 | 91.80 6.74 0.28 | 81.00 5.58 0.00 | 63.65 4.39 0.00 | 55.09 3.94 0.00 | 49.04 3.76 0.00 | 46.43 3.16 0.00 |
| BURROWS___LYONSDAL 23803 | 43.78 1.15 0.00 | 42.63 1.20 0.00 | 41.28 1.16 0.00 | 40.65 1.03 0.00 | 41.42 1.21 0.00 | 45.03 1.40 0.00 | 64.68 2.25 0.00 | 92.75 3.74 0.00 | 79.79 2.70 0.00 | 52.90 1.14 0.00 | 46.38 0.91 0.00 | 44.97 0.71 0.00 | 43.61 0.56 0.00 | 42.99 0.59 0.00 | 43.23 0.47 0.00 | 45.66 0.72 0.00 | 54.61 1.23 0.00 | 68.65 1.48 0.00 | 87.43 2.39 0.29 | 77.99 2.56 0.00 | 61.04 1.78 0.00 | 52.84 1.69 0.00 | 46.64 1.36 0.00 | 44.44 1.17 0.00 |
| CAITHNESS_CC_1 323624 | 45.31 2.69 0.00 | 43.54 2.11 0.00 | 42.05 1.93 0.00 | 41.45 1.82 0.00 | 42.18 1.97 0.00 | 45.51 1.87 0.00 | 56.58 0.25 6.10 | 56.86 0.98 33.12 | 57.64 1.08 20.53 | 53.30 1.55 0.02 | 48.56 3.09 0.00 | 47.81 3.54 0.00 | 46.68 3.57 -0.06 | 46.21 3.73 -0.08 | 46.67 3.85 -0.06 | 48.69 3.69 -0.06 | 55.52 2.19 0.05 | 68.98 1.81 0.01 | 88.12 3.07 0.28 | 77.76 2.34 0.01 | 61.09 1.84 0.01 | 52.98 1.84 0.01 | 47.13 1.86 0.00 | 45.56 2.29 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 45.35 2.73 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.61 1.98 0.00 | 42.30 2.09 0.00 | 45.64 2.01 0.00 | 59.22 1.06 4.28 | 68.29 2.49 23.21 | 65.02 2.31 14.38 | 53.97 2.23 0.01 | 49.20 3.73 -0.01 | 48.07 3.76 -0.04 | 47.17 3.83 -0.29 | 46.65 3.86 -0.39 | 47.04 3.98 -0.30 | 49.17 3.96 -0.28 | 56.23 2.88 0.04 | 70.06 2.89 0.01 | 89.32 4.27 0.28 | 78.81 3.39 0.01 | 61.92 2.67 0.01 | 53.60 2.46 0.01 | 48.82 3.53 -0.01 | 46.21 2.94 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.17 2.05 0.00 | 41.57 1.94 0.00 | 42.26 2.05 0.00 | 45.64 2.01 0.00 | 59.28 1.12 4.28 | 68.29 2.49 23.21 | 65.10 2.39 14.38 | 53.92 2.17 0.01 | 49.16 3.68 -0.01 | 48.16 3.85 -0.04 | 47.17 3.83 -0.29 | 46.69 3.90 -0.39 | 47.13 4.06 -0.30 | 49.18 3.96 -0.28 | 56.33 2.99 0.04 | 70.05 2.89 0.01 | 89.32 4.26 0.28 | 78.89 3.47 0.01 | 61.98 2.73 0.01 | 53.70 2.56 0.01 | 47.64 2.35 -0.01 | 45.78 2.51 0.00 |
| CALPINE_BP_GT1 23823 | 45.36 2.73 0.00 | 43.67 2.24 0.00 | 42.17 2.05 0.00 | 41.57 1.94 0.00 | 42.26 2.05 0.00 | 45.64 2.01 0.00 | 59.28 1.12 4.28 | 68.29 2.49 23.21 | 65.10 2.39 14.38 | 53.92 2.17 0.01 | 49.16 3.68 -0.01 | 48.16 3.85 -0.04 | 47.17 3.83 -0.29 | 46.69 3.90 -0.39 | 47.13 4.06 -0.30 | 49.18 3.96 -0.28 | 56.33 2.99 0.04 | 70.05 2.89 0.01 | 89.32 4.26 0.28 | 78.89 3.47 0.01 | 61.98 2.73 0.01 | 53.70 2.56 0.01 | 47.64 2.35 -0.01 | 45.78 2.51 0.00 |
| CALSPAN___DRP 24200 | 40.24 -2.39 0.00 | 38.90 -2.53 0.00 | 38.19 -1.93 0.00 | 37.45 -2.18 0.00 | 37.96 -2.25 0.00 | 41.76 -1.88 0.00 | 57.94 -4.50 0.00 | 82.22 -6.76 0.03 | 71.59 -5.47 0.03 | 47.40 -4.35 0.01 | 41.53 -3.91 0.03 | 40.52 -3.72 0.03 | 39.45 -3.57 0.03 | 38.89 -3.48 0.03 | 39.14 -3.59 0.03 | 40.92 -4.00 0.02 | 48.29 -5.02 0.08 | 61.17 -5.98 0.02 | 76.46 -7.68 1.20 | 68.76 -6.64 0.02 | 53.68 -5.33 0.25 | 44.93 -4.91 1.31 | 41.41 -3.85 0.02 | 40.16 -3.12 0.00 |

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| CALVERTON___SOLAR 323806 | 45.44 2.81 0.00 | 43.67 2.24 0.00 | 42.17 2.05 0.00 | 41.57 1.94 0.00 | 42.30 2.09 0.00 | 45.64 2.01 0.00 | 56.78 0.44 6.10 | 57.25 1.34 33.10 | 57.97 1.39 20.51 | 53.45 1.71 0.02 | 48.65 3.18 0.00 | 47.94 3.67 0.00 | 46.81 3.70 -0.06 | 46.34 3.86 -0.08 | 46.80 3.98 -0.06 | 48.87 3.87 -0.06 | 55.73 2.40 0.05 | 69.25 2.08 0.01 | 88.47 3.42 0.28 | 78.13 2.71 0.01 | 61.33 2.07 0.01 | 53.14 1.99 0.01 | 47.26 1.99 0.00 | 45.74 2.47 0.00 |
| CANDIGU_WT_PWR 323617 | 40.67 -1.96 0.00 | 39.40 -2.03 0.00 | 38.60 -1.52 0.00 | 38.20 -1.42 0.00 | 38.60 -1.61 0.00 | 42.37 -1.27 0.00 | 59.38 -3.06 0.00 | 84.60 -4.36 0.05 | 73.19 -3.85 0.05 | 48.85 -2.90 0.02 | 42.24 -3.18 0.05 | 40.99 -3.23 0.05 | 39.86 -3.14 0.05 | 39.42 -2.92 0.05 | 39.72 -2.99 0.05 | 41.53 -3.37 0.04 | 49.47 -3.74 0.18 | 62.63 -4.50 0.04 | 78.60 -5.55 1.19 | 70.63 -4.75 0.04 | 54.93 -3.73 0.60 | 44.43 -3.53 3.19 | 42.25 -2.99 0.04 | 41.02 -2.25 0.00 |
| CARR STREET_E_SYR 24060 | 41.99 -0.64 0.00 | 40.73 -0.70 0.00 | 39.48 -0.64 0.00 | 38.95 -0.67 0.00 | 39.57 -0.64 0.00 | 42.98 -0.65 0.00 | 61.50 -0.93 0.00 | 87.85 -1.16 0.00 | 76.24 -0.85 0.00 | 51.08 -0.67 0.00 | 44.74 -0.73 0.00 | 43.47 -0.80 0.00 | 42.36 -0.69 0.00 | 41.72 -0.68 0.00 | 42.04 -0.73 0.00 | 44.18 -0.76 0.00 | 52.37 -1.02 0.00 | 66.17 -1.01 0.00 | 82.65 -1.19 1.49 | 74.52 -0.90 0.00 | 58.31 -0.95 0.00 | 50.23 -0.92 0.00 | 44.51 -0.77 0.00 | 42.54 -0.74 0.00 |
| CARTHAGE___PAPER 23857 | 44.03 1.40 0.00 | 42.97 1.53 0.00 | 41.56 1.44 0.00 | 40.93 1.31 0.00 | 41.74 1.53 0.00 | 45.46 1.83 0.00 | 65.37 2.94 0.00 | 93.90 4.89 0.00 | 80.40 3.31 0.00 | 53.05 1.29 0.00 | 46.38 0.91 0.00 | 44.93 0.66 0.00 | 43.48 0.43 0.00 | 42.91 0.51 0.00 | 43.10 0.34 0.00 | 45.62 0.68 0.00 | 54.66 1.28 0.00 | 68.78 1.61 0.00 | 87.94 2.81 0.20 | 78.66 3.24 0.00 | 61.51 2.25 0.00 | 53.35 2.20 0.00 | 47.09 1.81 0.00 | 44.87 1.60 0.00 |
| CASSADAGA_WT_PWR 323784 | 40.20 -2.43 0.00 | 39.03 -2.40 0.00 | 38.47 -1.65 0.00 | 38.12 -1.51 0.00 | 38.49 -1.73 0.00 | 42.37 -1.27 0.00 | 59.56 -2.87 0.00 | 84.62 -4.36 0.03 | 73.37 -3.70 0.03 | 49.27 -2.48 0.01 | 42.71 -2.73 0.03 | 41.58 -2.65 0.03 | 40.31 -2.71 0.03 | 39.74 -2.63 0.03 | 39.95 -2.78 0.03 | 41.68 -3.24 0.03 | 49.55 -3.74 0.09 | 62.58 -4.57 0.03 | 78.42 -5.72 1.20 | 70.20 -5.20 0.03 | 54.87 -4.15 0.24 | 45.95 -3.94 1.27 | 42.13 -3.12 0.03 | 40.93 -2.34 0.00 |
| CE_DUNWOOD___DRP 24194 | 45.14 2.51 0.00 | 43.63 2.20 0.00 | 42.13 2.01 0.00 | 41.65 2.02 0.00 | 42.22 2.01 0.00 | 45.68 2.05 0.00 | 64.62 2.19 0.00 | 93.01 4.01 0.00 | 80.71 3.62 0.00 | 54.81 3.05 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.75 3.35 0.00 | 46.23 3.46 0.00 | 48.40 3.46 0.00 | 57.02 3.63 0.00 | 71.00 3.83 0.00 | 90.35 5.29 0.28 | 79.72 4.30 0.00 | 62.64 3.38 0.00 | 54.22 3.07 0.00 | 48.27 2.99 0.00 | 45.74 2.47 0.00 |
| CE_MILLWOOD___DRP 24193 | 45.06 2.43 0.00 | 43.59 2.15 0.00 | 42.09 1.97 0.00 | 41.57 1.94 0.00 | 42.18 1.97 0.00 | 45.60 1.96 0.00 | 64.56 2.12 0.00 | 92.92 3.92 0.00 | 80.56 3.47 0.00 | 54.71 2.95 0.00 | 48.74 3.27 0.00 | 47.45 3.19 0.00 | 46.32 3.27 0.00 | 45.66 3.26 0.00 | 46.14 3.38 0.00 | 48.31 3.37 0.00 | 56.91 3.52 0.00 | 70.87 3.69 0.00 | 90.26 5.21 0.28 | 79.65 4.22 0.00 | 62.52 3.26 0.00 | 54.17 3.02 0.00 | 48.18 2.90 0.00 | 45.69 2.42 0.00 |
| CE_NYC2_DRP 24202 | 45.57 2.94 0.00 | 44.04 2.61 0.00 | 42.49 2.37 0.00 | 42.00 2.38 0.00 | 42.58 2.37 0.00 | 46.07 2.44 0.00 | 64.49 2.06 0.00 | 92.84 3.83 0.00 | 80.64 3.55 0.00 | 54.81 3.05 0.00 | 48.88 3.41 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.35 0.00 | 46.40 3.63 0.00 | 48.54 3.60 0.00 | 57.13 3.74 -0.01 | 71.00 3.83 0.00 | 90.35 5.29 0.28 | 79.72 4.30 0.00 | 62.58 3.32 0.00 | 54.48 3.32 0.00 | 48.76 3.49 0.00 | 46.26 2.99 0.00 |
| CE_NYC_DRP 24195 | 45.48 2.86 0.00 | 43.96 2.53 0.00 | 42.37 2.25 0.00 | 41.88 2.26 0.00 | 42.51 2.29 0.00 | 45.99 2.36 0.00 | 64.99 2.56 0.00 | 93.64 4.63 0.00 | 81.33 4.24 0.00 | 55.33 3.57 0.00 | 49.33 3.86 0.00 | 48.07 3.81 0.00 | 46.93 3.87 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.94 4.00 0.00 | 57.66 4.27 -0.01 | 71.61 4.43 0.00 | 91.12 6.06 0.28 | 80.40 4.98 0.00 | 63.11 3.85 0.00 | 54.73 3.58 0.00 | 48.67 3.40 0.00 | 46.13 2.86 0.00 |
| CHAFFEE___LFGE 323603 | 40.24 -2.39 0.00 | 38.99 -2.44 0.00 | 38.28 -1.84 0.00 | 37.88 -1.74 0.00 | 38.16 -2.05 0.00 | 41.80 -1.83 0.00 | 58.19 -4.25 0.00 | 82.40 -6.59 0.03 | 71.82 -5.24 0.03 | 48.18 -3.57 0.01 | 41.67 -3.77 0.03 | 40.61 -3.63 0.03 | 39.45 -3.57 0.03 | 38.93 -3.43 0.03 | 39.18 -3.55 0.03 | 41.01 -3.91 0.02 | 48.65 -4.64 0.09 | 61.51 -5.64 0.02 | 76.71 -7.42 1.20 | 69.06 -6.34 0.02 | 54.21 -4.80 0.25 | 45.30 -4.55 1.30 | 41.90 -3.35 0.02 | 40.68 -2.60 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 42.92 0.30 0.00 | 41.85 0.41 0.00 | 40.60 0.48 0.00 | 40.14 0.52 0.00 | 40.74 0.52 0.00 | 44.42 0.79 0.00 | 63.74 1.31 0.00 | 90.88 1.87 0.00 | 78.56 1.46 0.00 | 52.64 0.88 0.00 | 46.20 0.73 0.00 | 44.93 0.66 0.00 | 43.61 0.56 0.00 | 42.90 0.51 0.00 | 43.23 0.47 0.00 | 45.48 0.54 0.00 | 54.02 0.64 0.00 | 68.11 0.94 0.00 | 86.27 0.94 0.00 | 76.48 1.06 0.00 | 60.03 0.77 0.00 | 51.77 0.61 0.00 | 46.05 0.77 0.00 | 44.22 0.95 0.00 |
| CHATEAUG_WT_PWR 323614 | 42.84 0.21 0.00 | 41.76 0.33 0.00 | 40.48 0.36 0.00 | 40.02 0.40 0.00 | 40.66 0.44 0.00 | 44.29 0.66 0.00 | 63.06 0.62 0.00 | 89.81 0.80 0.00 | 77.63 0.54 0.00 | 52.28 0.52 0.00 | 45.88 0.41 0.00 | 44.66 0.40 0.00 | 43.35 0.30 0.00 | 42.65 0.26 0.00 | 42.98 0.21 0.00 | 45.22 0.27 0.00 | 53.65 0.27 0.00 | 67.24 0.07 0.00 | 85.25 -0.09 0.00 | 75.50 0.08 0.00 | 59.44 0.18 0.00 | 51.61 0.46 0.00 | 45.91 0.63 0.00 | 44.09 0.82 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 42.92 0.30 0.00 | 41.85 0.41 0.00 | 40.60 0.48 0.00 | 40.14 0.52 0.00 | 40.74 0.52 0.00 | 44.42 0.79 0.00 | 63.74 1.31 0.00 | 90.88 1.87 0.00 | 78.56 1.46 0.00 | 52.64 0.88 0.00 | 46.20 0.73 0.00 | 44.93 0.66 0.00 | 43.61 0.56 0.00 | 42.90 0.51 0.00 | 43.23 0.47 0.00 | 45.48 0.54 0.00 | 54.02 0.64 0.00 | 68.11 0.94 0.00 | 86.27 0.94 0.00 | 76.48 1.06 0.00 | 60.03 0.77 0.00 | 51.77 0.61 0.00 | 46.05 0.77 0.00 | 44.22 0.95 0.00 |
| CHAUTAUQUA___LFGE 323629 | 40.32 -2.30 0.00 | 39.11 -2.32 0.00 | 38.47 -1.65 0.00 | 38.08 -1.55 0.00 | 38.40 -1.81 0.00 | 42.19 -1.44 0.00 | 59.00 -3.43 0.00 | 83.73 -5.25 0.03 | 72.75 -4.32 0.03 | 48.85 -2.90 0.01 | 42.21 -3.23 0.03 | 41.10 -3.14 0.03 | 39.97 -3.06 0.03 | 39.40 -2.97 0.03 | 39.65 -3.08 0.03 | 41.46 -3.46 0.02 | 48.97 -4.32 0.09 | 62.11 -5.04 0.02 | 77.73 -6.40 1.20 | 69.82 -5.58 0.02 | 54.39 -4.62 0.24 | 45.48 -4.40 1.28 | 42.13 -3.12 0.02 | 40.89 -2.38 0.00 |
| CHERRYST_13_KV_LD 356241 | 45.57 2.94 0.00 | 44.04 2.61 0.00 | 42.45 2.33 0.00 | 41.96 2.34 0.00 | 42.59 2.37 0.00 | 46.08 2.44 0.00 | 65.18 2.75 0.00 | 93.90 4.90 0.00 | 81.56 4.47 0.00 | 55.49 3.73 0.00 | 49.51 4.05 0.00 | 48.20 3.94 0.00 | 47.05 4.00 0.00 | 46.38 3.99 0.00 | 46.87 4.11 0.00 | 49.08 4.13 0.00 | 57.82 4.43 -0.01 | 71.88 4.70 0.00 | 91.37 6.31 0.28 | 80.63 5.20 0.00 | 63.29 4.03 0.00 | 54.84 3.68 0.00 | 48.76 3.49 0.00 | 46.21 2.94 0.00 |

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| CHESTROR_138KV_BK263 355645 | 44.84 2.22 0.00 | 43.38 1.95 0.00 | 41.89 1.77 0.00 | 41.41 1.78 0.00 | 42.02 1.81 0.00 | 45.42 1.79 0.00 | 64.43 2.00 0.00 | 92.66 3.65 0.00 | 80.25 3.16 0.00 | 54.35 2.59 0.00 | 48.29 2.82 0.00 | 47.01 2.74 0.00 | 45.85 2.80 0.00 | 45.19 2.80 0.00 | 45.67 2.91 0.00 | 47.87 2.92 0.00 | 56.43 3.04 0.00 | 70.53 3.36 0.00 | 89.73 4.69 0.30 | 79.35 3.92 0.00 | 62.22 2.96 0.00 | 53.86 2.71 0.00 | 47.90 2.63 0.00 | 45.39 2.12 0.00 |
| CH_MIDHUDSON___DRP 24192 | 44.84 2.22 0.00 | 43.42 1.99 0.00 | 41.93 1.81 0.00 | 41.45 1.82 0.00 | 42.02 1.81 0.00 | 45.38 1.75 0.00 | 64.43 2.00 0.00 | 92.57 3.56 0.00 | 80.25 3.16 0.00 | 54.30 2.54 0.00 | 48.24 2.77 0.00 | 46.96 2.70 0.00 | 45.81 2.76 0.00 | 45.15 2.76 0.00 | 45.58 2.82 0.00 | 47.78 2.83 0.00 | 56.48 3.10 0.00 | 70.60 3.43 0.00 | 89.76 4.69 0.27 | 79.27 3.85 0.00 | 62.28 3.02 0.00 | 53.86 2.71 0.00 | 47.86 2.58 0.00 | 45.39 2.12 0.00 |
| CH_MISC_IPPS 23765 | 45.14 2.51 0.00 | 43.67 2.24 0.00 | 42.20 2.08 0.00 | 41.68 2.06 0.00 | 42.26 2.05 0.00 | 45.68 2.05 0.00 | 64.99 2.56 0.00 | 93.46 4.45 0.00 | 81.02 3.93 0.00 | 54.55 2.79 0.00 | 48.52 3.05 0.00 | 47.28 3.01 0.00 | 46.02 2.97 0.00 | 45.41 3.01 0.00 | 45.88 3.12 0.00 | 48.00 3.06 0.00 | 56.85 3.47 0.00 | 71.07 3.89 0.00 | 90.52 5.47 0.27 | 79.95 4.53 0.00 | 62.82 3.56 0.00 | 54.22 3.07 0.00 | 47.81 2.53 0.00 | 45.52 2.25 0.00 |
| CH_RES_BVR_FALLS 23983 | 42.58 -0.04 0.00 | 41.43 0.00 0.00 | 40.12 0.00 0.00 | 39.66 0.04 0.00 | 40.29 0.08 0.00 | 43.76 0.13 0.00 | 62.62 0.19 0.00 | 89.37 0.36 0.00 | 77.32 0.23 0.00 | 51.97 0.21 0.00 | 45.61 0.14 0.00 | 44.40 0.13 0.00 | 43.14 0.09 0.00 | 42.48 0.08 0.00 | 42.85 0.09 0.00 | 45.03 0.09 0.00 | 53.54 0.16 0.00 | 67.31 0.13 0.00 | 85.42 0.09 0.00 | 75.50 0.08 0.00 | 59.26 0.00 0.00 | 51.15 0.00 0.00 | 45.28 0.00 0.00 | 43.23 -0.04 0.00 |
| CH_RES_NIAGARA 23895 | 39.26 -3.37 0.00 | 38.70 -2.73 0.00 | 37.23 -2.89 0.00 | 36.45 -3.17 0.00 | 36.96 -3.26 0.00 | 40.58 -3.05 0.00 | 55.82 -6.62 0.00 | 78.93 -10.06 0.02 | 68.97 -8.09 0.02 | 45.85 -5.90 0.01 | 39.72 -5.73 0.02 | 38.80 -5.44 0.02 | 37.69 -5.34 0.02 | 37.32 -5.05 0.03 | 37.52 -5.22 0.03 | 39.35 -5.57 0.02 | 45.53 -7.74 0.11 | 58.15 -9.00 0.02 | 72.36 -11.78 1.20 | 65.90 -9.50 0.02 | 50.65 -8.36 0.26 | 42.42 -7.52 1.21 | 39.19 -6.07 0.02 | 38.94 -4.33 0.00 |
| CH_RES_SYRACUSE 23985 | 42.24 -0.38 0.00 | 40.98 -0.45 0.00 | 39.72 -0.40 0.00 | 39.19 -0.44 0.00 | 39.81 -0.40 0.00 | 43.24 -0.39 0.00 | 61.87 -0.56 0.00 | 88.29 -0.72 0.00 | 76.63 -0.46 0.00 | 51.29 -0.47 0.00 | 44.92 -0.54 0.00 | 43.64 -0.62 0.00 | 42.49 -0.56 0.00 | 41.89 -0.51 0.00 | 42.21 -0.56 0.00 | 44.41 -0.54 0.00 | 52.69 -0.70 0.00 | 66.57 -0.61 0.00 | 83.95 -0.59 0.79 | 74.97 -0.45 0.00 | 58.67 -0.59 0.00 | 50.54 -0.61 0.00 | 44.74 -0.54 0.00 | 42.80 -0.48 0.00 |
| CLINTON_WT_PWR 323605 | 42.84 0.21 0.00 | 41.76 0.33 0.00 | 40.48 0.36 0.00 | 40.02 0.40 0.00 | 40.66 0.44 0.00 | 44.29 0.66 0.00 | 63.06 0.62 0.00 | 89.81 0.80 0.00 | 77.63 0.54 0.00 | 52.28 0.52 0.00 | 45.88 0.41 0.00 | 44.66 0.40 0.00 | 43.35 0.30 0.00 | 42.65 0.26 0.00 | 42.98 0.21 0.00 | 45.22 0.27 0.00 | 53.65 0.27 0.00 | 67.24 0.07 0.00 | 85.25 -0.09 0.00 | 75.50 0.08 0.00 | 59.44 0.18 0.00 | 51.61 0.46 0.00 | 45.91 0.63 0.00 | 44.09 0.82 0.00 |
| CLINTON___LFGE 323618 | 43.27 0.64 0.00 | 42.22 0.79 0.00 | 40.96 0.84 0.00 | 40.46 0.83 0.00 | 41.06 0.85 0.00 | 44.81 1.18 0.00 | 63.62 1.18 0.00 | 90.35 1.34 0.00 | 78.02 0.93 0.00 | 52.64 0.88 0.00 | 46.19 0.73 0.00 | 44.97 0.71 0.00 | 43.61 0.56 0.00 | 42.91 0.51 0.00 | 43.19 0.43 0.00 | 45.57 0.63 0.00 | 53.92 0.53 0.00 | 67.58 0.41 0.00 | 85.68 0.34 0.00 | 75.96 0.53 0.00 | 59.85 0.59 0.00 | 52.08 0.92 0.00 | 46.45 1.18 0.00 | 44.79 1.51 0.00 |
| COBBLENY_34_KV_TB1 80064 | 40.24 -2.39 0.00 | 38.90 -2.53 0.00 | 38.23 -1.89 0.00 | 37.48 -2.14 0.00 | 38.00 -2.21 0.00 | 41.80 -1.83 0.00 | 58.13 -4.31 0.00 | 82.57 -6.41 0.03 | 71.75 -5.32 0.03 | 47.51 -4.24 0.01 | 41.67 -3.77 0.03 | 40.70 -3.54 0.03 | 39.62 -3.40 0.03 | 39.02 -3.35 0.03 | 39.27 -3.46 0.03 | 41.10 -3.82 0.02 | 48.60 -4.70 0.08 | 61.51 -5.64 0.02 | 76.97 -7.17 1.19 | 69.14 -6.26 0.02 | 54.09 -4.92 0.25 | 45.31 -4.55 1.29 | 41.63 -3.62 0.02 | 40.24 -3.03 0.00 |
| COFFEEN___115KV_TB3 355620 | 44.29 1.66 0.00 | 43.17 1.74 0.00 | 41.81 1.69 0.00 | 41.09 1.47 0.00 | 41.94 1.73 0.00 | 45.73 2.09 0.00 | 65.93 3.50 0.00 | 94.88 5.87 0.00 | 81.10 4.01 0.00 | 53.21 1.45 0.00 | 46.42 0.95 0.00 | 44.93 0.66 0.00 | 43.44 0.39 0.00 | 42.86 0.47 0.00 | 43.02 0.26 0.00 | 45.62 0.67 0.00 | 54.77 1.39 0.00 | 69.05 1.88 0.00 | 88.64 3.50 0.19 | 79.50 4.07 0.00 | 62.05 2.79 0.00 | 53.71 2.56 0.00 | 47.22 1.95 0.00 | 45.00 1.73 0.00 |
| COLDSPRG_115KV_BK1 355956 | 40.58 -2.05 0.00 | 39.28 -2.15 0.00 | 38.64 -1.48 0.00 | 37.96 -1.66 0.00 | 38.52 -1.69 0.00 | 42.50 -1.13 0.00 | 59.81 -2.62 0.00 | 85.42 -3.56 0.03 | 73.67 -3.39 0.03 | 48.80 -2.95 0.01 | 43.17 -2.27 0.03 | 42.11 -2.12 0.03 | 41.00 -2.02 0.03 | 40.16 -2.20 0.03 | 40.47 -2.27 0.03 | 42.22 -2.70 0.02 | 50.52 -2.78 0.09 | 63.72 -3.43 0.02 | 80.13 -4.01 1.19 | 71.25 -4.15 0.02 | 56.23 -2.79 0.24 | 47.19 -2.71 1.25 | 43.22 -2.04 0.02 | 40.85 -2.42 0.00 |
| COLONIE_LFGE___ 323577 | 43.73 1.11 0.00 | 42.47 1.04 0.00 | 41.08 0.96 0.00 | 40.65 1.03 0.00 | 41.14 0.93 0.00 | 44.55 0.92 0.00 | 64.05 1.62 0.00 | 90.52 1.51 0.00 | 78.48 1.39 0.00 | 52.79 1.03 0.00 | 46.56 1.09 0.00 | 45.41 1.15 0.00 | 44.13 1.08 0.00 | 43.41 1.02 0.00 | 43.87 1.11 0.00 | 46.07 1.12 0.00 | 55.04 1.66 0.00 | 69.26 2.08 0.00 | 87.86 2.73 0.20 | 77.31 1.89 0.00 | 61.10 1.84 0.00 | 52.74 1.59 0.00 | 46.32 1.04 0.00 | 44.18 0.91 0.00 |
| COOPERNY_115KV_TB1 80082 | 44.33 1.71 0.00 | 43.01 1.57 0.00 | 41.52 1.40 0.00 | 41.01 1.39 0.00 | 41.66 1.45 0.00 | 45.03 1.40 0.00 | 63.99 1.56 0.00 | 91.86 2.85 0.00 | 79.56 2.47 0.00 | 53.73 1.97 0.00 | 47.61 2.14 0.00 | 46.30 2.04 0.00 | 45.16 2.11 0.00 | 44.47 2.08 0.00 | 44.90 2.14 0.00 | 47.10 2.16 0.00 | 55.68 2.30 0.00 | 69.66 2.49 0.00 | 88.46 3.50 0.38 | 78.44 3.02 0.00 | 61.57 2.31 0.00 | 53.25 2.10 0.00 | 47.27 1.99 0.00 | 44.92 1.64 0.00 |
| COPENHAGEN_WT_PWR 323753 | 43.86 1.24 0.00 | 42.76 1.33 0.00 | 41.40 1.28 0.00 | 40.73 1.11 0.00 | 41.54 1.33 0.00 | 45.29 1.66 0.00 | 65.12 2.68 0.00 | 93.63 4.63 0.00 | 80.18 3.09 0.00 | 52.85 1.09 0.00 | 46.15 0.68 0.00 | 44.66 0.40 0.00 | 43.27 0.22 0.00 | 42.65 0.26 0.00 | 42.85 0.09 0.00 | 45.39 0.45 0.00 | 54.35 0.96 0.00 | 68.52 1.34 0.00 | 87.70 2.56 0.19 | 78.52 3.09 0.00 | 61.33 2.07 0.00 | 53.10 1.94 0.00 | 46.82 1.54 0.00 | 44.61 1.34 0.00 |
| CORNELL_____ 23752 | 43.10 0.47 0.00 | 41.85 0.41 0.00 | 40.56 0.44 0.00 | 39.98 0.36 0.00 | 40.66 0.44 0.00 | 44.24 0.61 0.00 | 63.25 0.81 0.00 | 91.19 2.05 -0.13 | 78.84 1.62 -0.13 | 52.37 0.57 -0.04 | 45.96 0.36 -0.13 | 44.52 0.13 -0.13 | 43.35 0.17 -0.13 | 42.79 0.25 -0.14 | 43.12 0.21 -0.14 | 45.12 0.09 -0.09 | 54.03 0.27 -0.38 | 67.87 0.60 -0.09 | 85.41 1.19 1.12 | 76.72 1.21 -0.09 | 60.27 0.77 -0.24 | 52.31 0.56 -0.59 | 45.73 0.36 -0.09 | 43.62 0.35 0.00 |

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| CORONA V_69_KV_TB1 355595 | 45.57 2.94 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.47 2.25 0.00 | 45.86 2.23 0.00 | 63.47 1.62 0.58 | 89.17 3.29 3.14 | 78.15 3.01 1.95 | 54.44 2.69 0.01 | 49.52 4.00 -0.05 | 48.47 4.03 -0.18 | 48.23 4.09 -1.09 | 47.94 4.07 -1.47 | 48.08 4.19 -1.13 | 50.21 4.22 -1.04 | 56.74 3.36 0.01 | 70.66 3.49 0.01 | 90.09 5.03 0.28 | 79.49 4.07 0.01 | 62.39 3.14 0.01 | 54.06 2.92 0.01 | 49.00 3.67 -0.05 | 46.26 2.99 0.00 |
| CORTLAND_115KV_TB3 80093 | 42.92 0.30 0.00 | 41.68 0.25 0.00 | 40.40 0.28 0.00 | 39.82 0.20 0.00 | 40.49 0.28 0.00 | 44.03 0.39 0.00 | 62.93 0.50 0.00 | 90.21 1.16 -0.05 | 78.06 0.93 -0.05 | 52.08 0.31 -0.01 | 45.69 0.18 -0.04 | 44.39 0.09 -0.04 | 43.18 0.09 -0.04 | 42.57 0.13 -0.04 | 42.89 0.09 -0.04 | 45.06 0.09 -0.03 | 53.65 0.16 -0.11 | 67.53 0.34 -0.03 | 84.90 0.77 1.20 | 76.20 0.75 -0.03 | 59.79 0.47 -0.06 | 51.64 0.36 -0.12 | 45.53 0.23 -0.03 | 43.44 0.17 0.00 |
| COXSACKIE__GT 23611 | 44.33 1.71 0.00 | 43.05 1.61 0.00 | 41.64 1.52 0.00 | 41.17 1.54 0.00 | 41.70 1.49 0.00 | 45.03 1.40 0.00 | 65.18 2.74 0.00 | 92.83 3.82 0.00 | 79.79 2.70 0.00 | 52.69 0.93 0.00 | 46.29 0.82 0.00 | 44.93 0.66 0.00 | 43.65 0.60 0.00 | 42.95 0.55 0.00 | 43.44 0.68 0.00 | 45.80 0.85 0.00 | 54.93 1.55 0.00 | 70.06 2.89 0.00 | 89.29 4.18 0.22 | 78.74 3.31 0.00 | 62.05 2.79 0.00 | 53.30 2.15 0.00 | 46.82 1.54 0.00 | 44.53 1.26 0.00 |
| CPV_VALLEY__CC1 323721 | 44.84 2.22 0.00 | 43.38 1.95 0.00 | 41.88 1.76 0.00 | 41.41 1.78 0.00 | 41.98 1.77 0.00 | 45.42 1.79 0.00 | 64.43 2.00 0.00 | 92.66 3.65 0.00 | 80.33 3.24 0.00 | 54.29 2.54 0.00 | 48.38 2.91 0.00 | 47.14 2.88 0.00 | 45.94 2.88 0.00 | 45.32 2.92 0.00 | 45.80 3.04 0.00 | 47.91 2.97 0.00 | 56.53 3.15 0.00 | 70.53 3.36 0.00 | 89.73 4.69 0.29 | 79.34 3.92 0.00 | 62.28 3.02 0.00 | 53.86 2.71 0.00 | 47.54 2.26 0.00 | 45.31 2.03 0.00 |
| CPV_VALLEY__CC2 323722 | 44.84 2.22 0.00 | 43.38 1.95 0.00 | 41.88 1.76 0.00 | 41.41 1.78 0.00 | 41.98 1.77 0.00 | 45.42 1.79 0.00 | 64.43 2.00 0.00 | 92.66 3.65 0.00 | 80.33 3.24 0.00 | 54.29 2.54 0.00 | 48.38 2.91 0.00 | 47.14 2.88 0.00 | 45.94 2.88 0.00 | 45.32 2.92 0.00 | 45.80 3.04 0.00 | 47.91 2.97 0.00 | 56.53 3.15 0.00 | 70.53 3.36 0.00 | 89.73 4.69 0.29 | 79.34 3.92 0.00 | 62.28 3.02 0.00 | 53.86 2.71 0.00 | 47.54 2.26 0.00 | 45.31 2.03 0.00 |
| CRESCENT__HYD 24018 | 43.73 1.11 0.00 | 42.47 1.04 0.00 | 41.08 0.96 0.00 | 40.65 1.03 0.00 | 41.14 0.93 0.00 | 44.55 0.92 0.00 | 64.05 1.62 0.00 | 90.52 1.51 0.00 | 78.48 1.39 0.00 | 52.79 1.03 0.00 | 46.56 1.09 0.00 | 45.41 1.15 0.00 | 44.13 1.08 0.00 | 43.41 1.02 0.00 | 43.87 1.11 0.00 | 46.07 1.12 0.00 | 55.04 1.66 0.00 | 69.26 2.08 0.00 | 87.86 2.73 0.20 | 77.31 1.89 0.00 | 61.10 1.84 0.00 | 52.74 1.59 0.00 | 46.32 1.04 0.00 | 44.18 0.91 0.00 |
| CRICKET__VALLEY_CC1 323756 | 44.37 1.75 0.00 | 42.97 1.53 0.00 | 41.48 1.36 0.00 | 40.97 1.35 0.00 | 41.54 1.33 0.00 | 44.90 1.27 0.00 | 63.68 1.25 0.00 | 91.50 2.49 0.00 | 79.40 2.31 0.00 | 53.73 1.97 0.00 | 47.88 2.41 0.00 | 46.70 2.43 0.00 | 45.46 2.41 0.00 | 44.85 2.46 0.00 | 45.33 2.57 0.00 | 47.41 2.47 0.00 | 56.00 2.62 0.00 | 69.73 2.55 0.00 | 88.74 3.67 0.26 | 78.36 2.94 0.00 | 61.63 2.37 0.00 | 53.30 2.15 0.00 | 47.04 1.76 0.00 | 44.83 1.56 0.00 |
| CRICKET__VALLEY_CC2 323757 | 44.37 1.75 0.00 | 42.97 1.53 0.00 | 41.48 1.36 0.00 | 40.97 1.35 0.00 | 41.54 1.33 0.00 | 44.90 1.27 0.00 | 63.68 1.25 0.00 | 91.50 2.49 0.00 | 79.40 2.31 0.00 | 53.73 1.97 0.00 | 47.88 2.41 0.00 | 46.70 2.43 0.00 | 45.46 2.41 0.00 | 44.85 2.46 0.00 | 45.33 2.57 0.00 | 47.41 2.47 0.00 | 56.00 2.62 0.00 | 69.73 2.55 0.00 | 88.74 3.67 0.26 | 78.36 2.94 0.00 | 61.63 2.37 0.00 | 53.30 2.15 0.00 | 47.04 1.76 0.00 | 44.83 1.56 0.00 |
| CRICKET__VALLEY_CC3 323758 | 44.37 1.75 0.00 | 42.97 1.53 0.00 | 41.48 1.36 0.00 | 40.97 1.35 0.00 | 41.54 1.33 0.00 | 44.90 1.27 0.00 | 63.68 1.25 0.00 | 91.50 2.49 0.00 | 79.40 2.31 0.00 | 53.73 1.97 0.00 | 47.88 2.41 0.00 | 46.70 2.43 0.00 | 45.46 2.41 0.00 | 44.85 2.46 0.00 | 45.33 2.57 0.00 | 47.41 2.47 0.00 | 56.00 2.62 0.00 | 69.73 2.55 0.00 | 88.74 3.67 0.26 | 78.36 2.94 0.00 | 61.63 2.37 0.00 | 53.30 2.15 0.00 | 47.04 1.76 0.00 | 44.83 1.56 0.00 |
| CRUCIBLE_METL_DRP 24180 | 42.24 -0.38 0.00 | 40.98 -0.46 0.00 | 39.72 -0.40 0.00 | 39.19 -0.44 0.00 | 39.81 -0.40 0.00 | 43.24 -0.39 0.00 | 61.87 -0.56 0.00 | 88.30 -0.71 0.00 | 76.55 -0.54 0.00 | 51.24 -0.52 0.00 | 44.92 -0.55 0.00 | 43.64 -0.62 0.00 | 42.45 -0.60 0.00 | 41.84 -0.55 0.00 | 42.21 -0.56 0.00 | 44.36 -0.58 0.00 | 52.69 -0.69 0.00 | 66.43 -0.74 0.00 | 83.78 -0.77 0.78 | 74.90 -0.53 0.00 | 58.67 -0.59 0.00 | 50.54 -0.61 0.00 | 44.64 -0.63 0.00 | 42.75 -0.52 0.00 |
| DAHOWA__HYDRO 323763 | 44.20 1.58 0.00 | 42.92 1.49 0.00 | 41.52 1.40 0.00 | 41.09 1.47 0.00 | 41.62 1.41 0.00 | 45.07 1.44 0.00 | 64.81 2.37 0.00 | 91.68 2.67 0.00 | 79.40 2.31 0.00 | 53.00 1.24 0.00 | 46.56 1.09 0.00 | 45.24 0.97 0.00 | 43.96 0.91 0.00 | 43.24 0.85 0.00 | 43.75 0.98 0.00 | 46.07 1.12 0.00 | 55.04 1.66 0.00 | 69.73 2.55 0.00 | 88.54 3.42 0.20 | 77.84 2.41 0.00 | 61.57 2.31 0.00 | 53.05 1.89 0.00 | 46.73 1.45 0.00 | 44.57 1.30 0.00 |
| DANC__LFGE 323619 | 43.05 0.43 0.00 | 41.93 0.50 0.00 | 40.60 0.48 0.00 | 39.98 0.36 0.00 | 40.73 0.52 0.00 | 44.33 0.70 0.00 | 63.62 1.18 0.00 | 91.14 2.13 0.00 | 78.40 1.31 0.00 | 52.02 0.26 0.00 | 45.47 0.00 0.00 | 44.04 -0.22 0.00 | 42.75 -0.30 0.00 | 42.14 -0.25 0.00 | 42.38 -0.39 0.00 | 44.81 -0.13 0.00 | 53.44 0.05 0.00 | 67.38 0.20 0.00 | 86.01 0.85 0.18 | 76.78 1.36 0.00 | 60.03 0.77 0.00 | 51.87 0.72 0.00 | 45.86 0.59 0.00 | 43.75 0.48 0.00 |
| DANSKAMMER__1 23586 | 45.14 2.51 0.00 | 43.67 2.24 0.00 | 42.20 2.08 0.00 | 41.68 2.06 0.00 | 42.26 2.05 0.00 | 45.68 2.05 0.00 | 64.99 2.56 0.00 | 93.46 4.45 0.00 | 81.02 3.93 0.00 | 54.55 2.79 0.00 | 48.52 3.05 0.00 | 47.28 3.01 0.00 | 46.02 2.97 0.00 | 45.41 3.01 0.00 | 45.88 3.12 0.00 | 48.00 3.06 0.00 | 56.85 3.47 0.00 | 71.07 3.89 0.00 | 90.52 5.47 0.27 | 79.95 4.53 0.00 | 62.82 3.56 0.00 | 54.22 3.07 0.00 | 47.81 2.53 0.00 | 45.52 2.25 0.00 |
| DANSKAMMER__2 23589 | 45.14 2.51 0.00 | 43.67 2.24 0.00 | 42.20 2.08 0.00 | 41.68 2.06 0.00 | 42.26 2.05 0.00 | 45.68 2.05 0.00 | 64.99 2.56 0.00 | 93.46 4.45 0.00 | 81.02 3.93 0.00 | 54.55 2.79 0.00 | 48.52 3.05 0.00 | 47.28 3.01 0.00 | 46.02 2.97 0.00 | 45.41 3.01 0.00 | 45.88 3.12 0.00 | 48.00 3.06 0.00 | 56.85 3.47 0.00 | 71.07 3.89 0.00 | 90.52 5.47 0.27 | 79.95 4.53 0.00 | 62.82 3.56 0.00 | 54.22 3.07 0.00 | 47.81 2.53 0.00 | 45.52 2.25 0.00 |
| DANSKAMMER__3 23590 | 45.14 2.51 0.00 | 43.67 2.24 0.00 | 42.20 2.08 0.00 | 41.68 2.06 0.00 | 42.26 2.05 0.00 | 45.68 2.05 0.00 | 64.99 2.56 0.00 | 93.46 4.45 0.00 | 81.02 3.93 0.00 | 54.55 2.79 0.00 | 48.52 3.05 0.00 | 47.28 3.01 0.00 | 46.02 2.97 0.00 | 45.41 3.01 0.00 | 45.88 3.12 0.00 | 48.00 3.06 0.00 | 56.85 3.47 0.00 | 71.07 3.89 0.00 | 90.52 5.47 0.27 | 79.95 4.53 0.00 | 62.82 3.56 0.00 | 54.22 3.07 0.00 | 47.81 2.53 0.00 | 45.52 2.25 0.00 |

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| DANSKAMMER___4 23591 | 45.14 2.51 0.00 | 43.67 2.24 0.00 | 42.20 2.08 0.00 | 41.68 2.06 0.00 | 42.26 2.05 0.00 | 45.68 2.05 0.00 | 64.99 2.56 0.00 | 93.46 4.45 0.00 | 81.02 3.93 0.00 | 54.55 2.79 0.00 | 48.52 3.05 0.00 | 47.28 3.01 0.00 | 46.02 2.97 0.00 | 45.41 3.01 0.00 | 45.88 3.12 0.00 | 48.00 3.06 0.00 | 56.85 3.47 0.00 | 71.07 3.89 0.00 | 90.52 5.47 0.27 | 79.95 4.53 0.00 | 62.82 3.56 0.00 | 54.22 3.07 0.00 | 47.81 2.53 0.00 | 45.52 2.25 0.00 |
| DANSKAMMER___DIESEL 23592 | 45.14 2.51 0.00 | 43.71 2.28 0.00 | 42.21 2.09 0.00 | 41.68 2.06 0.00 | 42.30 2.09 0.00 | 45.68 2.05 0.00 | 64.87 2.43 0.00 | 93.37 4.36 0.00 | 80.87 3.78 0.00 | 54.61 2.85 0.00 | 48.51 3.05 0.00 | 47.23 2.97 0.00 | 46.06 3.01 0.00 | 45.36 2.97 0.00 | 45.84 3.08 0.00 | 48.05 3.10 0.00 | 56.80 3.42 0.00 | 71.07 3.90 0.00 | 90.43 5.38 0.28 | 79.87 4.45 0.00 | 62.70 3.44 0.00 | 54.22 3.07 0.00 | 48.18 2.90 0.00 | 45.65 2.38 0.00 |
| DARBY___SOLAR 323810 | 44.12 1.49 0.00 | 42.84 1.41 0.00 | 41.40 1.28 0.00 | 40.97 1.35 0.00 | 41.50 1.29 0.00 | 44.94 1.31 0.00 | 64.56 2.12 0.00 | 91.41 2.40 0.00 | 79.17 2.08 0.00 | 52.90 1.14 0.00 | 46.47 1.00 0.00 | 45.20 0.93 0.00 | 43.91 0.86 0.00 | 43.20 0.80 0.00 | 43.70 0.94 0.00 | 45.98 1.03 0.00 | 54.98 1.60 0.00 | 69.59 2.41 0.00 | 88.37 3.24 0.20 | 77.68 2.26 0.00 | 61.45 2.19 0.00 | 52.94 1.79 0.00 | 46.63 1.36 0.00 | 44.48 1.21 0.00 |
| DASHVILLE___HYD 23610 | 44.59 1.96 0.00 | 43.21 1.78 0.00 | 41.72 1.60 0.00 | 41.21 1.58 0.00 | 41.82 1.61 0.00 | 45.07 1.44 0.00 | 64.12 1.69 0.00 | 92.03 3.03 0.00 | 79.63 2.54 0.00 | 53.67 1.92 0.00 | 47.61 2.14 0.00 | 46.30 2.04 0.00 | 45.16 2.11 0.00 | 44.47 2.08 0.00 | 44.90 2.14 0.00 | 47.10 2.16 0.00 | 55.79 2.40 0.00 | 69.93 2.75 0.00 | 88.99 3.93 0.26 | 78.67 3.24 0.00 | 61.75 2.49 0.00 | 53.40 2.25 0.00 | 47.45 2.17 0.00 | 45.00 1.73 0.00 |
| DELAWARE___LFGE 323621 | 43.78 1.15 0.00 | 42.55 1.12 0.00 | 41.16 1.04 0.00 | 40.65 1.03 0.00 | 41.30 1.09 0.00 | 44.68 1.05 0.00 | 63.74 1.31 0.00 | 91.33 2.31 -0.01 | 79.02 1.93 -0.01 | 52.95 1.19 0.00 | 46.66 1.18 -0.01 | 45.38 1.11 -0.01 | 44.13 1.08 -0.01 | 43.51 1.10 -0.01 | 43.84 1.07 -0.01 | 46.16 1.21 0.00 | 54.84 1.44 -0.02 | 68.79 1.61 0.00 | 86.99 2.30 0.64 | 77.54 2.11 0.00 | 60.92 1.66 0.00 | 52.66 1.48 -0.02 | 46.59 1.31 0.00 | 44.31 1.04 0.00 |
| DERFIELD_115KV_TB7 355931 | 42.80 0.17 0.00 | 41.60 0.17 0.00 | 40.24 0.12 0.00 | 39.74 0.12 0.00 | 40.33 0.12 0.00 | 43.72 0.09 0.00 | 62.56 0.12 0.00 | 89.19 0.18 0.00 | 77.24 0.15 0.00 | 51.86 0.10 0.00 | 45.60 0.14 0.00 | 44.40 0.13 0.00 | 43.18 0.13 0.00 | 42.52 0.13 0.00 | 42.89 0.13 0.00 | 45.08 0.13 0.00 | 53.54 0.16 0.00 | 67.37 0.20 0.00 | 85.67 0.34 0.00 | 75.65 0.23 0.00 | 59.50 0.24 0.00 | 51.36 0.20 0.00 | 45.41 0.14 0.00 | 43.36 0.09 0.00 |
| DOGLEVILLE___HYD 23807 | 44.20 1.58 0.00 | 43.05 1.62 0.00 | 41.68 1.56 0.00 | 41.17 1.55 0.00 | 41.86 1.65 0.00 | 45.42 1.79 0.00 | 64.93 2.50 0.00 | 92.66 3.65 0.00 | 80.10 3.01 0.00 | 53.67 1.92 0.00 | 47.24 1.77 0.00 | 45.95 1.68 0.00 | 44.64 1.59 0.00 | 44.01 1.61 0.00 | 44.34 1.58 0.00 | 46.70 1.75 0.00 | 55.52 2.14 0.00 | 69.73 2.55 0.00 | 88.66 3.33 0.00 | 78.29 2.87 0.00 | 61.39 2.13 0.00 | 52.89 1.74 0.00 | 46.73 1.45 0.00 | 44.57 1.30 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 40.37 -2.26 0.00 | 39.07 -2.36 0.00 | 38.39 -1.73 0.00 | 37.72 -1.90 0.00 | 38.24 -1.97 0.00 | 42.15 -1.48 0.00 | 58.81 -3.62 0.00 | 83.73 -5.25 0.03 | 72.52 -4.55 0.03 | 48.13 -3.62 0.01 | 42.17 -3.27 0.03 | 41.10 -3.14 0.03 | 40.01 -3.01 0.03 | 39.40 -2.97 0.03 | 39.65 -3.08 0.03 | 41.46 -3.46 0.02 | 48.81 -4.48 0.09 | 61.98 -5.17 0.02 | 77.74 -6.40 1.20 | 69.74 -5.66 0.02 | 54.21 -4.80 0.25 | 45.44 -4.45 1.27 | 41.81 -3.44 0.02 | 40.46 -2.81 0.00 |
| DUNKIRK___1 23563 | 40.37 -2.26 0.00 | 39.07 -2.36 0.00 | 38.39 -1.73 0.00 | 37.72 -1.90 0.00 | 38.24 -1.97 0.00 | 42.15 -1.48 0.00 | 58.81 -3.62 0.00 | 83.73 -5.25 0.03 | 72.52 -4.55 0.03 | 48.13 -3.62 0.01 | 42.17 -3.27 0.03 | 41.10 -3.14 0.03 | 40.01 -3.01 0.03 | 39.40 -2.97 0.03 | 39.65 -3.08 0.03 | 41.46 -3.46 0.02 | 48.81 -4.48 0.09 | 61.98 -5.17 0.02 | 77.74 -6.40 1.20 | 69.74 -5.66 0.02 | 54.21 -4.80 0.25 | 45.44 -4.45 1.27 | 41.81 -3.44 0.02 | 40.46 -2.81 0.00 |
| DUNKIRK___2 23564 | 40.37 -2.26 0.00 | 39.07 -2.36 0.00 | 38.39 -1.73 0.00 | 37.72 -1.90 0.00 | 38.24 -1.97 0.00 | 42.15 -1.48 0.00 | 58.81 -3.62 0.00 | 83.73 -5.25 0.03 | 72.52 -4.55 0.03 | 48.13 -3.62 0.01 | 42.17 -3.27 0.03 | 41.10 -3.14 0.03 | 40.01 -3.01 0.03 | 39.40 -2.97 0.03 | 39.65 -3.08 0.03 | 41.46 -3.46 0.02 | 48.81 -4.48 0.09 | 61.98 -5.17 0.02 | 77.74 -6.40 1.20 | 69.74 -5.66 0.02 | 54.21 -4.80 0.25 | 45.44 -4.45 1.27 | 41.81 -3.44 0.02 | 40.46 -2.81 0.00 |
| DUNKIRK___3 23565 | 40.28 -2.34 0.00 | 38.99 -2.44 0.00 | 38.27 -1.85 0.00 | 37.56 -2.06 0.00 | 38.12 -2.09 0.00 | 41.97 -1.66 0.00 | 58.44 -4.00 0.00 | 83.20 -5.79 0.03 | 72.05 -5.01 0.03 | 47.82 -3.93 0.01 | 41.94 -3.50 0.03 | 40.87 -3.36 0.03 | 39.80 -3.23 0.03 | 39.19 -3.18 0.03 | 39.44 -3.29 0.03 | 41.24 -3.69 0.02 | 48.65 -4.64 0.09 | 61.71 -5.44 0.02 | 77.31 -6.83 1.20 | 69.44 -5.96 0.02 | 54.10 -4.92 0.24 | 45.29 -4.60 1.26 | 41.68 -3.58 0.02 | 40.33 -2.94 0.00 |
| DUNKIRK___4 23566 | 40.28 -2.34 0.00 | 38.99 -2.44 0.00 | 38.27 -1.85 0.00 | 37.56 -2.06 0.00 | 38.12 -2.09 0.00 | 41.97 -1.66 0.00 | 58.44 -4.00 0.00 | 83.20 -5.79 0.03 | 72.05 -5.01 0.03 | 47.82 -3.93 0.01 | 41.94 -3.50 0.03 | 40.87 -3.36 0.03 | 39.80 -3.23 0.03 | 39.19 -3.18 0.03 | 39.44 -3.29 0.03 | 41.24 -3.69 0.02 | 48.65 -4.64 0.09 | 61.71 -5.44 0.02 | 77.31 -6.83 1.20 | 69.44 -5.96 0.02 | 54.10 -4.92 0.24 | 45.29 -4.60 1.26 | 41.68 -3.58 0.02 | 40.33 -2.94 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 45.27 2.64 0.00 | 43.75 2.32 0.00 | 42.21 2.09 0.00 | 41.72 2.10 0.00 | 42.34 2.13 0.00 | 45.77 2.14 0.00 | 64.74 2.31 0.00 | 93.19 4.18 0.00 | 80.87 3.78 0.00 | 54.97 3.21 0.00 | 49.01 3.55 0.00 | 47.72 3.45 0.00 | 46.58 3.53 0.00 | 45.91 3.52 0.00 | 46.40 3.63 0.00 | 48.58 3.64 0.00 | 57.22 3.84 0.01 | 71.20 4.03 0.00 | 90.60 5.55 0.28 | 79.95 4.53 0.00 | 62.82 3.56 0.00 | 54.43 3.27 0.00 | 48.40 3.12 0.00 | 45.87 2.60 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 45.01 2.39 0.00 | 43.55 2.11 0.00 | 42.05 1.93 0.00 | 41.57 1.94 0.00 | 42.18 1.97 0.00 | 45.55 1.92 0.00 | 64.68 2.25 0.00 | 93.01 4.01 0.00 | 80.56 3.47 0.00 | 54.50 2.74 0.00 | 48.42 2.96 0.00 | 47.14 2.88 0.00 | 45.98 2.93 0.00 | 45.28 2.88 0.00 | 45.76 2.99 0.00 | 47.96 3.01 0.00 | 56.64 3.26 0.00 | 70.80 3.63 0.00 | 90.17 5.12 0.28 | 79.65 4.22 0.00 | 62.46 3.20 0.00 | 54.07 2.92 0.00 | 48.08 2.81 0.00 | 45.56 2.29 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 45.74 3.11 0.00 | 44.25 2.82 0.00 | 42.65 2.53 0.00 | 42.16 2.54 0.00 | 42.74 2.53 0.00 | 46.26 2.62 -0.01 | 64.62 2.19 0.00 | 93.10 4.09 0.00 | 80.71 3.62 0.00 | 54.61 2.85 0.00 | 48.70 3.23 0.00 | 47.41 3.14 0.00 | 46.28 3.23 0.00 | 45.66 3.26 0.00 | 46.18 3.42 0.00 | 48.31 3.37 0.00 | 56.92 3.52 -0.01 | 71.07 3.90 0.00 | 90.52 5.46 0.28 | 79.95 4.53 0.00 | 62.52 3.26 0.00 | 54.58 3.43 0.00 | 48.91 3.62 -0.01 | 46.44 3.16 -0.01 |

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| E179THST_13_KV_LOAD 356214 | 45.91 3.28 0.00 | 44.37 2.94 0.00 | 42.81 2.69 0.00 | 42.28 2.65 0.00 | 42.87 2.65 0.00 | 46.39 2.75 -0.01 | 64.87 2.43 0.00 | 93.55 4.54 0.00 | 81.02 3.93 0.00 | 54.81 3.05 0.00 | 48.88 3.41 0.00 | 47.58 3.32 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.54 3.60 0.00 | 57.13 3.74 -0.01 | 71.41 4.23 0.00 | 90.94 5.89 0.28 | 80.33 4.90 0.00 | 62.82 3.56 0.00 | 54.79 3.63 0.00 | 49.13 3.85 -0.01 | 46.61 3.33 -0.01 |
| EAST HAMPTON___GT 23717 | 45.01 2.39 0.00 | 43.21 1.78 0.00 | 41.73 1.61 0.00 | 41.13 1.51 0.00 | 41.90 1.69 0.00 | 45.16 1.53 0.00 | 55.65 -0.69 6.09 | 55.75 -0.18 33.08 | 56.75 0.15 20.50 | 52.72 0.98 0.02 | 48.10 2.64 0.00 | 47.41 3.14 0.00 | 46.30 3.19 -0.06 | 45.75 3.26 -0.09 | 46.25 3.42 -0.06 | 48.33 3.33 -0.06 | 55.04 1.71 0.05 | 68.24 1.07 0.01 | 87.44 2.39 0.28 | 77.22 1.81 0.01 | 60.44 1.18 0.01 | 52.43 1.28 0.01 | 46.50 1.22 0.00 | 45.35 2.08 0.00 |
| EAST RIVER___6 23660 | 45.31 2.69 0.00 | 43.75 2.32 0.00 | 42.20 2.08 0.00 | 41.68 2.06 0.00 | 42.26 2.05 0.00 | 45.77 2.14 0.00 | 64.87 2.43 0.00 | 93.37 4.36 0.00 | 81.17 4.08 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.78 4.02 0.00 | 48.90 3.96 0.00 | 57.67 4.27 -0.01 | 71.54 4.36 0.00 | 90.86 5.81 0.27 | 80.25 4.83 0.00 | 63.06 3.80 0.00 | 54.58 3.43 0.00 | 48.13 2.85 0.00 | 45.82 2.55 0.00 |
| EAST RIVER___7 23524 | 45.31 2.69 0.00 | 43.75 2.32 0.00 | 42.20 2.08 0.00 | 41.68 2.06 0.00 | 42.26 2.05 0.00 | 45.77 2.14 0.00 | 64.87 2.43 0.00 | 93.37 4.36 0.00 | 81.17 4.08 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.78 4.02 0.00 | 48.90 3.96 0.00 | 57.67 4.27 -0.01 | 71.54 4.36 0.00 | 90.86 5.81 0.27 | 80.25 4.83 0.00 | 63.06 3.80 0.00 | 54.58 3.43 0.00 | 48.13 2.85 0.00 | 45.82 2.55 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 45.14 2.51 0.00 | 43.63 2.20 0.00 | 42.13 2.01 0.00 | 41.65 2.02 0.00 | 42.22 2.01 0.00 | 45.68 2.05 0.00 | 64.62 2.19 0.00 | 93.01 4.01 0.00 | 80.71 3.62 0.00 | 54.81 3.05 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.75 3.35 0.00 | 46.23 3.46 0.00 | 48.40 3.46 0.00 | 57.02 3.63 0.00 | 71.00 3.83 0.00 | 90.35 5.29 0.28 | 79.72 4.30 0.00 | 62.64 3.38 0.00 | 54.22 3.07 0.00 | 48.27 2.99 0.00 | 45.74 2.47 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 44.88 2.26 0.00 | 43.13 1.70 0.00 | 41.64 1.52 0.00 | 41.05 1.42 0.00 | 41.78 1.57 0.00 | 45.07 1.44 0.00 | 55.47 -0.87 6.09 | 55.49 -0.44 33.08 | 56.52 -0.08 20.50 | 52.57 0.83 0.02 | 47.96 2.50 0.00 | 47.28 3.01 0.00 | 46.17 3.06 -0.06 | 45.66 3.18 -0.08 | 46.16 3.34 -0.06 | 48.24 3.24 -0.06 | 54.93 1.60 0.05 | 68.11 0.94 0.01 | 87.19 2.13 0.28 | 77.00 1.59 0.01 | 60.32 1.07 0.01 | 52.27 1.12 0.01 | 46.36 1.08 0.00 | 45.26 1.99 0.00 |
| EAST_POINT___SOLAR 323840 | 44.55 1.92 0.00 | 43.25 1.82 0.00 | 41.84 1.72 0.00 | 41.37 1.74 0.00 | 41.98 1.77 0.00 | 45.73 2.09 0.00 | 65.74 3.31 0.00 | 93.72 4.71 0.00 | 79.40 2.31 0.00 | 51.40 -0.36 0.00 | 44.56 -0.91 0.00 | 43.11 -1.15 0.00 | 41.98 -1.07 0.00 | 41.38 -1.02 0.00 | 41.82 -0.94 0.00 | 44.36 -0.59 0.00 | 53.86 0.48 0.00 | 69.86 2.69 0.00 | 89.41 4.35 0.27 | 78.82 3.40 0.00 | 62.22 2.96 0.00 | 53.66 2.51 0.00 | 47.18 1.90 0.00 | 44.96 1.69 0.00 |
| EAST_PULASKI___ESR 323781 | 42.33 -0.30 0.00 | 41.10 -0.33 0.00 | 39.84 -0.28 0.00 | 39.27 -0.36 0.00 | 39.93 -0.28 0.00 | 43.42 -0.22 0.00 | 62.18 -0.25 0.00 | 88.83 -0.18 0.00 | 76.78 -0.31 0.00 | 51.24 -0.52 0.00 | 44.83 -0.64 0.00 | 43.51 -0.75 0.00 | 42.32 -0.73 0.00 | 41.67 -0.72 0.00 | 41.99 -0.77 0.00 | 44.22 -0.72 0.00 | 52.58 -0.80 0.00 | 66.37 -0.80 0.00 | 84.65 -0.69 0.00 | 75.12 -0.30 0.00 | 58.85 -0.41 0.00 | 50.74 -0.41 0.00 | 44.96 -0.31 0.00 | 42.92 -0.35 0.00 |
| EAST_RIVER___1 323558 | 45.48 2.86 0.00 | 43.96 2.53 0.00 | 42.37 2.25 0.00 | 41.88 2.26 0.00 | 42.46 2.25 0.00 | 45.99 2.35 0.00 | 65.12 2.68 0.00 | 93.72 4.71 0.00 | 81.40 4.31 0.00 | 55.28 3.52 0.00 | 49.33 3.86 0.00 | 48.16 3.90 0.00 | 46.88 3.83 0.00 | 46.29 3.90 0.00 | 46.83 4.06 0.00 | 48.94 4.00 0.00 | 57.71 4.32 -0.01 | 71.67 4.50 0.00 | 91.12 6.06 0.27 | 80.48 5.05 0.00 | 63.23 3.97 0.00 | 54.73 3.58 0.00 | 48.27 2.99 0.00 | 46.00 2.73 0.00 |
| EAST_RIVER___2 323559 | 45.31 2.69 0.00 | 43.75 2.32 0.00 | 42.20 2.08 0.00 | 41.68 2.06 0.00 | 42.26 2.05 0.00 | 45.77 2.14 0.00 | 64.87 2.43 0.00 | 93.37 4.36 0.00 | 81.17 4.08 0.00 | 55.17 3.42 0.00 | 49.29 3.82 0.00 | 48.07 3.81 0.00 | 46.84 3.79 0.00 | 46.25 3.86 0.00 | 46.78 4.02 0.00 | 48.90 3.96 0.00 | 57.67 4.27 -0.01 | 71.54 4.36 0.00 | 90.86 5.81 0.27 | 80.25 4.83 0.00 | 63.06 3.80 0.00 | 54.58 3.43 0.00 | 48.13 2.85 0.00 | 45.82 2.55 0.00 |
| EAST___DELAWARE_HYD 23607 | 45.23 2.60 0.00 | 43.79 2.36 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.81 2.18 0.00 | 65.37 2.94 0.00 | 94.08 5.07 0.00 | 81.33 4.24 0.00 | 54.55 2.79 0.00 | 48.33 2.87 0.00 | 47.05 2.79 0.00 | 45.76 2.71 0.00 | 45.15 2.75 0.00 | 45.58 2.82 0.00 | 47.82 2.88 0.00 | 56.75 3.37 0.00 | 71.14 3.96 0.00 | 90.65 5.63 0.31 | 80.32 4.90 0.00 | 63.06 3.80 0.00 | 54.38 3.22 0.00 | 47.95 2.67 0.00 | 45.61 2.34 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 40.67 -1.96 0.00 | 39.44 -1.99 0.00 | 38.68 -1.44 0.00 | 38.32 -1.31 0.00 | 38.77 -1.45 0.00 | 42.67 -0.96 0.00 | 59.87 -2.56 0.00 | 85.21 -3.73 0.07 | 73.86 -3.16 0.07 | 49.15 -2.59 0.02 | 42.31 -3.09 0.07 | 41.01 -3.19 0.07 | 39.88 -3.10 0.07 | 39.49 -2.84 0.07 | 39.78 -2.91 0.07 | 41.56 -3.33 0.06 | 49.41 -3.74 0.24 | 62.89 -4.23 0.06 | 78.84 -5.29 1.20 | 70.84 -4.52 0.06 | 56.28 -3.67 -0.69 | 51.97 -3.58 -4.40 | 42.19 -3.03 0.06 | 40.93 -2.34 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 42.03 -0.60 0.00 | 40.77 -0.66 0.00 | 39.52 -0.60 0.00 | 38.99 -0.63 0.00 | 39.61 -0.60 0.00 | 43.02 -0.61 0.00 | 61.50 -0.94 0.00 | 87.67 -1.34 0.00 | 75.93 -1.16 0.00 | 50.83 -0.93 0.00 | 44.56 -0.91 0.00 | 43.33 -0.93 0.00 | 42.15 -0.90 0.00 | 41.55 -0.85 0.00 | 41.91 -0.86 0.00 | 44.09 -0.85 0.00 | 52.37 -1.01 0.00 | 66.03 -1.14 0.00 | 83.26 -1.28 0.79 | 74.44 -0.98 0.00 | 58.31 -0.95 0.00 | 50.23 -0.92 0.00 | 44.42 -0.86 0.00 | 42.49 -0.78 0.00 |
| ELEC_TRO_TEK 24086 | 45.31 2.69 0.00 | 43.63 2.20 0.00 | 42.09 1.97 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.60 1.96 0.00 | 62.32 1.31 1.42 | 84.15 2.85 7.71 | 74.93 2.62 4.78 | 54.18 2.43 0.01 | 49.26 3.77 -0.02 | 48.12 3.76 -0.09 | 47.46 3.83 -0.58 | 47.04 3.86 -0.78 | 47.34 3.98 -0.60 | 49.45 3.96 -0.55 | 56.41 3.04 0.02 | 70.26 3.09 0.01 | 89.49 4.44 0.28 | 78.96 3.54 0.01 | 62.04 2.79 0.01 | 53.76 2.61 0.01 | 48.69 3.40 -0.02 | 46.04 2.77 0.00 |
| ELLENBURG_WT_PWR 323604 | 42.84 0.21 0.00 | 41.76 0.33 0.00 | 40.48 0.36 0.00 | 40.02 0.40 0.00 | 40.66 0.44 0.00 | 44.29 0.66 0.00 | 63.06 0.62 0.00 | 89.81 0.80 0.00 | 77.63 0.54 0.00 | 52.28 0.52 0.00 | 45.88 0.41 0.00 | 44.66 0.40 0.00 | 43.35 0.30 0.00 | 42.65 0.26 0.00 | 42.98 0.21 0.00 | 45.22 0.27 0.00 | 53.65 0.27 0.00 | 67.24 0.07 0.00 | 85.25 -0.09 0.00 | 75.50 0.08 0.00 | 59.44 0.18 0.00 | 51.61 0.46 0.00 | 45.91 0.63 0.00 | 44.09 0.82 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 40.11 -2.51 0.00 | 38.82 -2.61 0.00 | 38.07 -2.05 0.00 | 37.33 -2.30 0.00 | 37.84 -2.37 0.00 | 41.63 -2.01 0.00 | 57.56 -4.87 0.00 | 82.31 -6.68 0.02 | 71.67 -5.40 0.02 | 47.51 -4.24 0.01 | 41.53 -3.91 0.03 | 40.52 -3.72 0.03 | 39.45 -3.57 0.03 | 38.89 -3.48 0.03 | 39.14 -3.59 0.03 | 40.65 -4.27 0.02 | 47.64 -5.66 0.09 | 60.57 -6.58 0.02 | 75.69 -8.45 1.20 | 68.31 -7.09 0.02 | 52.97 -6.04 0.24 | 44.43 -5.47 1.25 | 40.91 -4.35 0.02 | 40.03 -3.25 0.00 |
| EMPIRE_CC_1 323656 | 43.05 0.43 0.00 | 41.85 0.41 0.00 | 40.48 0.36 0.00 | 40.06 0.44 0.00 | 40.53 0.32 0.00 | 43.90 0.26 0.00 | 62.93 0.50 0.00 | 88.92 -0.09 0.00 | 77.09 0.00 0.00 | 51.97 0.21 0.00 | 46.02 0.55 0.00 | 44.93 0.66 0.00 | 43.65 0.60 0.00 | 42.99 0.59 0.00 | 43.44 0.68 0.00 | 45.53 0.58 0.00 | 54.24 0.85 0.00 | 68.04 0.87 0.00 | 86.40 1.28 0.21 | 76.02 0.60 0.00 | 60.15 0.89 0.00 | 51.97 0.82 0.00 | 45.60 0.32 0.00 | 43.53 0.26 0.00 |
| EMPIRE_CC_2 323658 | 43.05 0.43 0.00 | 41.85 0.41 0.00 | 40.48 0.36 0.00 | 40.06 0.44 0.00 | 40.53 0.32 0.00 | 43.90 0.26 0.00 | 62.93 0.50 0.00 | 88.92 -0.09 0.00 | 77.09 0.00 0.00 | 51.97 0.21 0.00 | 46.02 0.55 0.00 | 44.93 0.66 0.00 | 43.65 0.60 0.00 | 42.99 0.59 0.00 | 43.44 0.68 0.00 | 45.53 0.58 0.00 | 54.24 0.85 0.00 | 68.04 0.87 0.00 | 86.40 1.28 0.21 | 76.02 0.60 0.00 | 60.15 0.89 0.00 | 51.97 0.82 0.00 | 45.60 0.32 0.00 | 43.53 0.26 0.00 |
| ENORWICH_115KV_TB1 80156 | 44.80 2.17 0.00 | 43.67 2.24 0.00 | 42.29 2.17 0.00 | 41.65 2.02 0.00 | 42.47 2.25 0.00 | 46.29 2.66 0.00 | 66.62 4.18 0.00 | 96.36 7.30 -0.05 | 82.69 5.55 -0.05 | 54.10 2.33 -0.02 | 47.20 1.68 -0.05 | 45.59 1.28 -0.05 | 44.17 1.08 -0.05 | 43.63 1.19 -0.05 | 43.80 0.98 -0.05 | 46.46 1.48 -0.03 | 56.03 2.51 -0.14 | 70.50 3.29 -0.03 | 89.55 5.21 0.99 | 80.66 5.20 -0.03 | 63.01 3.67 -0.07 | 54.17 2.86 -0.16 | 47.48 2.17 -0.03 | 45.18 1.90 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 40.11 -2.51 0.00 | 38.70 -2.73 0.00 | 38.07 -2.05 0.00 | 37.33 -2.30 0.00 | 37.84 -2.37 0.00 | 41.67 -1.96 0.00 | 57.94 -4.50 0.00 | 82.49 -6.50 0.03 | 71.51 -5.55 0.03 | 47.25 -4.50 0.01 | 41.94 -3.50 0.03 | 40.96 -3.28 0.03 | 39.92 -3.10 0.03 | 39.19 -3.18 0.03 | 39.53 -3.21 0.03 | 41.19 -3.73 0.02 | 49.49 -3.84 0.05 | 62.18 -4.97 0.02 | 77.74 -6.40 1.20 | 69.22 -6.18 0.02 | 55.05 -3.97 0.24 | 46.10 -3.79 1.27 | 42.27 -2.99 0.02 | 40.11 -3.16 0.00 |
| ERIE_WT_PWR 323693 | 40.24 -2.39 0.00 | 38.99 -2.44 0.00 | 38.28 -1.84 0.00 | 37.88 -1.74 0.00 | 38.16 -2.05 0.00 | 41.80 -1.83 0.00 | 58.06 -4.37 0.00 | 82.21 -6.77 0.03 | 71.67 -5.40 0.03 | 48.13 -3.62 0.01 | 41.53 -3.91 0.03 | 40.48 -3.76 0.03 | 39.41 -3.62 0.03 | 38.85 -3.52 0.03 | 39.10 -3.63 0.03 | 40.92 -4.00 0.02 | 48.34 -4.96 0.09 | 61.30 -5.84 0.02 | 76.45 -7.68 1.20 | 68.84 -6.56 0.02 | 53.80 -5.22 0.25 | 44.97 -4.86 1.32 | 41.86 -3.40 0.02 | 40.63 -2.64 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 43.78 1.15 0.00 | 42.59 1.16 0.00 | 41.16 1.04 0.00 | 40.65 1.03 0.00 | 41.34 1.13 0.00 | 44.90 1.27 0.00 | 64.31 1.87 0.00 | 92.21 3.20 0.00 | 79.09 2.00 0.00 | 52.17 0.41 0.00 | 45.75 0.27 0.00 | 44.27 0.00 0.00 | 43.01 -0.04 0.00 | 42.44 0.04 0.00 | 42.77 0.00 0.00 | 45.26 0.31 0.00 | 54.24 0.85 0.00 | 68.79 1.61 0.00 | 87.58 2.65 0.40 | 77.76 2.34 0.00 | 61.10 1.84 0.00 | 52.79 1.64 0.00 | 46.59 1.31 0.00 | 44.31 1.04 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 43.10 0.47 0.00 | 41.80 0.37 0.00 | 40.56 0.44 0.00 | 39.98 0.36 0.00 | 40.62 0.40 0.00 | 44.20 0.57 0.00 | 63.25 0.81 0.00 | 91.08 1.96 -0.12 | 78.75 1.54 -0.12 | 52.36 0.57 -0.03 | 45.94 0.36 -0.10 | 44.55 0.18 -0.10 | 43.33 0.17 -0.10 | 42.77 0.25 -0.12 | 43.09 0.21 -0.12 | 45.11 0.09 -0.07 | 53.97 0.27 -0.32 | 67.79 0.54 -0.07 | 85.30 1.11 1.14 | 76.70 1.21 -0.07 | 60.21 0.77 -0.18 | 52.03 0.51 -0.36 | 45.67 0.32 -0.07 | 43.57 0.30 0.00 |
| ETNA____115KV_TB2 80207 | 43.10 0.47 0.00 | 41.80 0.37 0.00 | 40.56 0.44 0.00 | 39.98 0.36 0.00 | 40.62 0.40 0.00 | 44.20 0.57 0.00 | 63.25 0.81 0.00 | 91.08 1.96 -0.12 | 78.75 1.54 -0.12 | 52.36 0.57 -0.03 | 45.94 0.36 -0.10 | 44.55 0.18 -0.10 | 43.33 0.17 -0.10 | 42.77 0.25 -0.12 | 43.09 0.21 -0.12 | 45.11 0.09 -0.07 | 53.97 0.27 -0.32 | 67.79 0.54 -0.07 | 85.30 1.11 1.14 | 76.70 1.21 -0.07 | 60.21 0.77 -0.18 | 52.03 0.51 -0.36 | 45.67 0.32 -0.07 | 43.57 0.30 0.00 |
| EUCLID___115KV_TB2 356179 | 41.82 -0.81 0.00 | 40.60 -0.83 0.00 | 39.36 -0.76 0.00 | 38.83 -0.79 0.00 | 39.41 -0.80 0.00 | 42.80 -0.83 0.00 | 61.18 -1.25 0.00 | 87.32 -1.69 0.00 | 75.70 -1.39 0.00 | 50.72 -1.04 0.00 | 44.47 -1.00 0.00 | 43.25 -1.02 0.00 | 42.06 -0.99 0.00 | 41.46 -0.93 0.00 | 41.78 -0.98 0.00 | 43.91 -1.03 0.00 | 52.10 -1.28 0.00 | 65.70 -1.48 0.00 | 82.36 -1.79 1.18 | 73.99 -1.43 0.00 | 57.96 -1.30 0.00 | 49.98 -1.18 0.00 | 44.19 -1.09 0.00 | 42.32 -0.95 0.00 |
| E_CANADA_CAP_HY 24051 | 43.86 1.24 0.00 | 42.59 1.16 0.00 | 41.20 1.08 0.00 | 40.69 1.07 0.00 | 41.34 1.12 0.00 | 44.99 1.35 0.00 | 64.49 2.06 0.00 | 91.94 2.93 0.00 | 78.48 1.39 0.00 | 51.34 -0.42 0.00 | 44.92 -0.54 0.00 | 43.42 -0.84 0.00 | 42.23 -0.82 0.00 | 41.63 -0.76 0.00 | 42.08 -0.69 0.00 | 44.63 -0.31 0.00 | 53.81 0.43 0.00 | 68.78 1.61 0.00 | 87.76 2.73 0.31 | 77.53 2.11 0.00 | 61.10 1.84 0.00 | 52.84 1.69 0.00 | 46.45 1.18 0.00 | 44.27 1.00 0.00 |
| E_CANADA_MHWK_HY 24050 | 44.20 1.58 0.00 | 43.05 1.61 0.00 | 41.68 1.56 0.00 | 41.17 1.54 0.00 | 41.86 1.65 0.00 | 45.42 1.79 0.00 | 64.93 2.50 0.00 | 92.66 3.65 0.00 | 80.18 3.09 0.00 | 53.73 1.97 0.00 | 47.24 1.77 0.00 | 45.95 1.68 0.00 | 44.64 1.59 0.00 | 44.01 1.61 0.00 | 44.35 1.58 0.00 | 46.70 1.75 0.00 | 55.57 2.19 0.00 | 69.79 2.62 0.00 | 88.66 3.32 0.00 | 78.36 2.94 0.00 | 61.39 2.13 0.00 | 52.89 1.74 0.00 | 46.73 1.45 0.00 | 44.57 1.30 0.00 |
| E_FISHKILL___LBMP 23776 | 44.80 2.17 0.00 | 43.34 1.91 0.00 | 41.85 1.73 0.00 | 41.37 1.74 0.00 | 41.94 1.73 0.00 | 45.33 1.70 0.00 | 64.18 1.75 0.00 | 92.21 3.20 0.00 | 80.02 2.93 0.00 | 54.30 2.54 0.00 | 48.33 2.86 0.00 | 47.05 2.79 0.00 | 45.94 2.88 0.00 | 45.24 2.84 0.00 | 45.71 2.95 0.00 | 47.91 2.97 0.00 | 56.48 3.10 0.00 | 70.40 3.22 0.00 | 89.50 4.44 0.27 | 79.04 3.62 0.00 | 62.10 2.84 0.00 | 53.81 2.66 0.00 | 47.86 2.58 0.00 | 45.35 2.08 0.00 |
| FALCON___SEABRD_CC1 323796 | 43.05 0.43 0.00 | 41.97 0.54 0.00 | 40.72 0.60 0.00 | 40.22 0.60 0.00 | 40.85 0.64 0.00 | 44.55 0.92 0.00 | 62.75 0.31 0.00 | 88.83 -0.18 0.00 | 76.86 -0.23 0.00 | 52.02 0.26 0.00 | 45.88 0.41 0.00 | 44.66 0.40 0.00 | 43.31 0.26 0.00 | 42.57 0.17 0.00 | 42.89 0.13 0.00 | 45.26 0.32 0.00 | 53.33 -0.05 0.00 | 66.57 -0.61 0.00 | 84.31 -1.02 0.00 | 74.74 -0.68 0.00 | 59.02 -0.24 0.00 | 51.66 0.51 0.00 | 46.18 0.91 0.00 | 44.66 1.38 0.00 |
| FALCON___SEABRD_CC2 323797 | 43.05 0.43 0.00 | 41.97 0.54 0.00 | 40.72 0.60 0.00 | 40.22 0.60 0.00 | 40.85 0.64 0.00 | 44.55 0.92 0.00 | 62.75 0.31 0.00 | 88.83 -0.18 0.00 | 76.86 -0.23 0.00 | 52.02 0.26 0.00 | 45.88 0.41 0.00 | 44.66 0.40 0.00 | 43.31 0.26 0.00 | 42.57 0.17 0.00 | 42.89 0.13 0.00 | 45.26 0.32 0.00 | 53.33 -0.05 0.00 | 66.57 -0.61 0.00 | 84.31 -1.02 0.00 | 74.74 -0.68 0.00 | 59.02 -0.24 0.00 | 51.66 0.51 0.00 | 46.18 0.91 0.00 | 44.66 1.38 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FAR ROCKAWAY___4 23548 | 45.82 3.20 0.00 | 44.13 2.69 0.00 | 42.57 2.45 0.00 | 42.04 2.42 0.00 | 42.71 2.49 0.00 | 46.12 2.49 0.00 | 63.82 2.00 0.61 | 89.56 3.83 3.28 | 78.53 3.47 2.03 | 54.75 3.00 0.01 | 49.89 4.36 -0.05 | 48.83 4.38 -0.19 | 48.56 4.39 -1.12 | 48.32 4.41 -1.52 | 48.46 4.53 -1.16 | 50.60 4.58 -1.07 | 57.06 3.68 0.01 | 71.13 3.96 0.01 | 90.68 5.63 0.28 | 80.02 4.60 0.01 | 62.81 3.56 0.01 | 54.42 3.27 0.01 | 49.32 3.98 -0.05 | 46.56 3.29 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 45.48 2.86 0.00 | 43.96 2.53 0.00 | 42.37 2.25 0.00 | 41.88 2.26 0.00 | 42.51 2.29 0.00 | 45.99 2.36 0.00 | 64.99 2.56 0.00 | 93.64 4.63 0.00 | 81.33 4.24 0.00 | 55.33 3.57 0.00 | 49.33 3.86 0.00 | 48.03 3.76 0.00 | 46.88 3.83 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.94 4.00 0.00 | 57.61 4.22 -0.01 | 71.61 4.43 0.00 | 91.12 6.06 0.28 | 80.40 4.98 0.00 | 63.11 3.85 0.00 | 54.73 3.58 0.00 | 48.67 3.40 0.00 | 46.13 2.86 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 45.52 2.90 0.00 | 43.96 2.53 0.00 | 42.41 2.29 0.00 | 41.88 2.26 0.00 | 42.51 2.29 0.00 | 45.99 2.36 0.00 | 65.06 2.62 0.00 | 93.64 4.63 0.00 | 81.33 4.24 0.00 | 55.33 3.57 0.00 | 49.33 3.86 0.00 | 48.03 3.76 0.00 | 46.88 3.83 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.94 4.00 0.00 | 57.66 4.27 -0.01 | 71.61 4.43 0.00 | 91.12 6.06 0.28 | 80.40 4.98 0.00 | 63.17 3.91 0.00 | 54.73 3.58 0.00 | 48.72 3.44 0.00 | 46.17 2.90 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 45.48 2.86 0.00 | 43.96 2.53 0.00 | 42.37 2.25 0.00 | 41.88 2.26 0.00 | 42.47 2.25 0.00 | 45.95 2.31 0.00 | 64.99 2.56 0.00 | 93.64 4.63 0.00 | 81.25 4.16 0.00 | 55.28 3.52 0.00 | 49.33 3.86 0.00 | 48.03 3.76 0.00 | 46.88 3.83 0.00 | 46.21 3.82 0.00 | 46.70 3.93 0.00 | 48.90 3.96 0.00 | 57.61 4.22 -0.01 | 71.61 4.43 0.00 | 91.03 5.97 0.28 | 80.33 4.90 0.00 | 63.11 3.85 0.00 | 54.68 3.53 0.00 | 48.67 3.40 0.00 | 46.13 2.86 0.00 |
| FARRAGUT___LBMP 323566 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.47 2.25 0.00 | 45.95 2.31 0.00 | 64.93 2.50 0.00 | 93.55 4.54 0.00 | 81.18 4.09 0.00 | 55.28 3.52 0.00 | 49.29 3.82 0.00 | 47.98 3.72 0.00 | 46.84 3.79 0.00 | 46.17 3.77 0.00 | 46.70 3.93 0.00 | 48.85 3.91 0.00 | 57.56 4.16 -0.01 | 71.54 4.37 0.00 | 90.94 5.89 0.28 | 80.33 4.90 0.00 | 63.05 3.79 0.00 | 54.63 3.48 0.00 | 48.63 3.35 0.00 | 46.08 2.81 0.00 |
| FENNER___WINDPWR 24204 | 43.39 0.77 0.00 | 42.22 0.79 0.00 | 40.88 0.76 0.00 | 40.34 0.71 0.00 | 41.02 0.80 0.00 | 44.59 0.96 0.00 | 63.99 1.56 0.00 | 91.62 2.58 -0.03 | 79.20 2.08 -0.03 | 52.70 0.93 -0.01 | 46.17 0.68 -0.02 | 44.82 0.53 -0.02 | 43.55 0.47 -0.02 | 42.93 0.51 -0.02 | 43.21 0.43 -0.02 | 45.54 0.58 -0.01 | 54.35 0.91 -0.06 | 68.33 1.14 -0.01 | 86.22 1.79 0.91 | 77.32 1.89 -0.01 | 60.59 1.30 -0.03 | 52.29 1.08 -0.07 | 46.06 0.77 -0.01 | 44.01 0.73 0.00 |
| FIBERTEK___ENERGY 23856 | 42.24 -0.38 0.00 | 40.98 -0.46 0.00 | 39.72 -0.40 0.00 | 39.19 -0.44 0.00 | 39.81 -0.40 0.00 | 43.24 -0.39 0.00 | 61.87 -0.56 0.00 | 88.30 -0.71 0.00 | 76.55 -0.54 0.00 | 51.24 -0.52 0.00 | 44.92 -0.55 0.00 | 43.64 -0.62 0.00 | 42.45 -0.60 0.00 | 41.84 -0.55 0.00 | 42.21 -0.56 0.00 | 44.36 -0.58 0.00 | 52.69 -0.69 0.00 | 66.43 -0.74 0.00 | 83.78 -0.77 0.78 | 74.90 -0.53 0.00 | 58.67 -0.59 0.00 | 50.54 -0.61 0.00 | 44.64 -0.63 0.00 | 42.75 -0.52 0.00 |
| FITZPATRICK___ 23598 | 41.26 -1.37 0.00 | 40.10 -1.33 0.00 | 38.83 -1.29 0.00 | 38.32 -1.31 0.00 | 38.92 -1.29 0.00 | 42.28 -1.35 0.00 | 60.43 -2.00 0.00 | 86.16 -2.85 0.00 | 74.70 -2.39 0.00 | 50.05 -1.71 0.00 | 43.88 -1.59 0.00 | 42.67 -1.59 0.00 | 41.54 -1.51 0.00 | 40.91 -1.49 0.00 | 41.26 -1.50 0.00 | 43.37 -1.57 0.00 | 51.46 -1.92 0.00 | 64.96 -2.22 0.00 | 82.60 -2.73 0.00 | 73.08 -2.34 0.00 | 57.25 -2.02 0.00 | 49.36 -1.79 0.00 | 43.78 -1.49 0.00 | 41.84 -1.43 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 45.18 2.56 0.00 | 43.75 2.32 0.00 | 42.25 2.13 0.00 | 41.72 2.10 0.00 | 42.34 2.13 0.00 | 45.73 2.09 0.00 | 64.99 2.56 0.00 | 93.55 4.54 0.00 | 81.02 3.93 0.00 | 54.71 2.95 0.00 | 48.61 3.14 0.00 | 47.27 3.01 0.00 | 46.11 3.06 0.00 | 45.41 3.01 0.00 | 45.88 3.12 0.00 | 48.09 3.15 0.00 | 56.85 3.47 0.00 | 71.20 4.03 0.00 | 90.60 5.55 0.27 | 80.02 4.60 0.00 | 62.76 3.50 0.00 | 54.32 3.17 0.00 | 48.27 2.99 0.00 | 45.69 2.42 0.00 |
| FORT ORANGE___ 23900 | 43.10 0.47 0.00 | 41.85 0.41 0.00 | 40.52 0.40 0.00 | 40.06 0.44 0.00 | 40.57 0.36 0.00 | 43.85 0.22 0.00 | 62.87 0.44 0.00 | 89.28 0.27 0.00 | 77.32 0.23 0.00 | 51.91 0.16 0.00 | 45.92 0.45 0.00 | 44.75 0.49 0.00 | 43.48 0.43 0.00 | 42.82 0.42 0.00 | 43.32 0.55 0.00 | 45.44 0.50 0.00 | 54.08 0.69 0.00 | 68.04 0.87 0.00 | 86.40 1.28 0.21 | 76.18 0.75 0.00 | 60.15 0.89 0.00 | 51.87 0.72 0.00 | 45.60 0.32 0.00 | 43.53 0.26 0.00 |
| FORT_DRUM_COGEN 23780 | 44.08 1.45 0.00 | 42.96 1.53 0.00 | 41.60 1.48 0.00 | 40.93 1.31 0.00 | 41.74 1.53 0.00 | 45.51 1.88 0.00 | 65.56 3.12 0.00 | 94.26 5.25 0.00 | 80.64 3.55 0.00 | 53.05 1.29 0.00 | 46.33 0.86 0.00 | 44.84 0.58 0.00 | 43.40 0.34 0.00 | 42.82 0.42 0.00 | 42.98 0.21 0.00 | 45.53 0.58 0.00 | 54.61 1.23 0.00 | 68.79 1.61 0.00 | 88.13 2.99 0.19 | 78.89 3.47 0.00 | 61.63 2.37 0.00 | 53.40 2.25 0.00 | 47.00 1.72 0.00 | 44.83 1.56 0.00 |
| FOX_HILLS___ESR 323835 | 46.00 3.37 -0.01 | 44.51 3.07 -0.01 | 42.94 2.81 -0.01 | 42.45 2.81 -0.01 | 43.00 2.77 -0.01 | 46.56 2.92 -0.01 | 65.07 2.62 -0.01 | 93.64 4.63 0.00 | 81.18 4.09 0.00 | 55.07 3.31 0.00 | 48.97 3.50 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.91 3.52 0.00 | 46.44 3.68 0.00 | 48.63 3.69 0.00 | 57.34 3.95 -0.01 | 71.54 4.37 0.00 | 91.03 5.97 0.28 | 80.33 4.90 0.00 | 63.11 3.85 0.00 | 54.84 3.68 0.00 | 49.17 3.89 0.00 | 46.70 3.42 -0.01 |
| FPL_FAR_ROCK_GT1 24212 | 45.86 3.24 0.00 | 44.12 2.69 0.00 | 42.57 2.45 0.00 | 42.00 2.38 0.00 | 42.67 2.45 0.00 | 46.12 2.49 0.00 | 63.88 2.06 0.61 | 89.56 3.82 3.28 | 78.61 3.55 2.03 | 54.70 2.95 0.01 | 49.84 4.32 -0.05 | 48.92 4.47 -0.19 | 48.56 4.39 -1.12 | 48.36 4.45 -1.52 | 48.50 4.58 -1.16 | 50.55 4.54 -1.07 | 57.17 3.79 0.01 | 71.06 3.89 0.01 | 90.60 5.54 0.28 | 80.10 4.68 0.01 | 62.87 3.62 0.01 | 54.37 3.22 0.01 | 48.14 2.81 -0.05 | 46.17 2.90 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 45.86 3.24 0.00 | 44.12 2.69 0.00 | 42.57 2.45 0.00 | 42.00 2.38 0.00 | 42.67 2.45 0.00 | 46.12 2.49 0.00 | 63.88 2.06 0.61 | 89.56 3.82 3.28 | 78.61 3.55 2.03 | 54.70 2.95 0.01 | 49.84 4.32 -0.05 | 48.92 4.47 -0.19 | 48.56 4.39 -1.12 | 48.36 4.45 -1.52 | 48.50 4.58 -1.16 | 50.55 4.54 -1.07 | 57.17 3.79 0.01 | 71.06 3.89 0.01 | 90.60 5.54 0.28 | 80.10 4.68 0.01 | 62.87 3.62 0.01 | 54.37 3.22 0.01 | 48.14 2.81 -0.05 | 46.17 2.90 0.00 |
| FRANKLIN_FALL_HYD 24054 | 43.56 0.94 0.00 | 42.51 1.08 0.00 | 41.24 1.12 0.00 | 40.73 1.11 0.00 | 41.34 1.13 0.00 | 45.16 1.53 0.00 | 64.93 2.50 0.00 | 92.75 3.74 0.00 | 80.10 3.01 0.00 | 53.62 1.86 0.00 | 46.88 1.41 0.00 | 45.64 1.37 0.00 | 44.21 1.16 0.00 | 43.46 1.06 0.00 | 43.75 0.98 0.00 | 46.11 1.17 0.00 | 54.88 1.49 0.00 | 69.12 1.95 0.00 | 87.47 2.13 0.00 | 77.69 2.26 0.00 | 60.92 1.66 0.00 | 52.59 1.43 0.00 | 46.77 1.49 0.00 | 44.87 1.60 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| FREEPORT_EQUS_GT1 23764 | 45.53 | 43.79 | 42.28 | 41.68 | 42.38 | 45.77 | 60.70 | 74.49 | 69.07 | 54.18 | 49.35 | 48.37 | 47.49 | 47.12 | 47.45 | 49.53 | 56.66 | 70.26 | 89.57 | 79.11 | 62.33 | 53.96 | 47.78 | 45.91 |
| | 2.90 | 2.36 | 2.16 | 2.06 | 2.17 | 2.14 | 1.50 | 3.03 | 2.85 | 2.43 | 3.86 | 4.03 | 3.96 | 4.07 | 4.19 | 4.13 | 3.31 | 3.09 | 4.52 | 3.69 | 3.08 | 2.81 | 2.49 | 2.64 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.23 | 17.54 | 10.87 | 0.01 | -0.02 | -0.08 | -0.48 | -0.65 | -0.50 | -0.46 | 0.03 | 0.01 | 0.28 | 0.01 | 0.01 | 0.01 | -0.02 | 0.00 |
| FREEPORT___CT2 23818 | 45.53 | 43.79 | 42.28 | 41.68 | 42.38 | 45.77 | 60.70 | 74.49 | 69.07 | 54.18 | 49.35 | 48.37 | 47.49 | 47.12 | 47.45 | 49.53 | 56.66 | 70.26 | 89.57 | 79.11 | 62.33 | 53.96 | 47.78 | 45.91 |
| | 2.90 | 2.36 | 2.16 | 2.06 | 2.17 | 2.14 | 1.50 | 3.03 | 2.85 | 2.43 | 3.86 | 4.03 | 3.96 | 4.07 | 4.19 | 4.13 | 3.31 | 3.09 | 4.52 | 3.69 | 3.08 | 2.81 | 2.49 | 2.64 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.23 | 17.54 | 10.87 | 0.01 | -0.02 | -0.08 | -0.48 | -0.65 | -0.50 | -0.46 | 0.03 | 0.01 | 0.28 | 0.01 | 0.01 | 0.01 | -0.02 | 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 46.21 | 44.71 | 43.14 | 42.64 | 43.20 | 46.78 | 65.38 | 93.99 | 81.48 | 55.23 | 49.06 | 47.72 | 46.58 | 46.00 | 46.53 | 48.76 | 57.50 | 71.81 | 91.37 | 80.70 | 63.35 | 55.04 | 49.40 | 46.91 |
| | 3.58 | 3.27 | 3.01 | 3.01 | 2.98 | 3.14 | 2.93 | 4.98 | 4.39 | 3.47 | 3.59 | 3.45 | 3.53 | 3.60 | 3.76 | 3.82 | 4.11 | 4.63 | 6.31 | 5.28 | 4.09 | 3.89 | 4.12 | 3.63 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 |
| FULTON COGEN____ 23766 | 41.77 | 40.56 | 39.32 | 38.79 | 39.41 | 42.80 | 61.18 | 87.23 | 75.63 | 50.62 | 44.38 | 43.16 | 41.97 | 41.38 | 41.69 | 43.87 | 52.05 | 65.63 | 83.82 | 73.99 | 58.02 | 50.03 | 44.19 | 42.32 |
| | -0.85 | -0.87 | -0.80 | -0.83 | -0.80 | -0.83 | -1.25 | -1.78 | -1.46 | -1.14 | -1.09 | -1.11 | -1.08 | -1.02 | -1.07 | -1.08 | -1.33 | -1.54 | -1.79 | -1.43 | -1.24 | -1.13 | -1.09 | -0.95 |
| | 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 | -0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FULTON___LFGE 323630 | 44.37 | 43.09 | 41.68 | 41.17 | 41.78 | 45.46 | 65.37 | 93.02 | 79.48 | 51.97 | 45.20 | 43.64 | 42.45 | 41.84 | 42.38 | 45.03 | 54.51 | 69.86 | 88.99 | 78.44 | 61.86 | 53.40 | 47.00 | 44.79 |
| | 1.75 | 1.66 | 1.56 | 1.54 | 1.57 | 1.83 | 2.94 | 4.01 | 2.39 | 0.21 | -0.27 | -0.62 | -0.60 | -0.55 | -0.39 | 0.09 | 1.12 | 2.69 | 3.93 | 3.02 | 2.60 | 2.25 | 1.72 | 1.51 |
| | 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 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G.F.CEMENT___DRP 24184 | 44.25 | 42.96 | 41.56 | 41.09 | 41.66 | 45.07 | 64.74 | 91.77 | 79.48 | 53.00 | 46.42 | 45.11 | 43.87 | 43.12 | 43.57 | 45.98 | 54.83 | 69.66 | 88.45 | 77.61 | 61.45 | 52.94 | 46.91 | 44.57 |
| | 1.62 | 1.53 | 1.44 | 1.47 | 1.45 | 1.44 | 2.31 | 2.76 | 2.39 | 1.24 | 0.95 | 0.84 | 0.82 | 0.72 | 0.81 | 1.03 | 1.44 | 2.49 | 3.33 | 2.19 | 2.19 | 1.79 | 1.63 | 1.30 |
| | 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 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GARDENVILLE___LBMP 24039 | 40.15 | 38.82 | 38.15 | 37.41 | 37.92 | 41.71 | 57.75 | 82.04 | 71.36 | 47.25 | 41.35 | 40.34 | 39.23 | 38.72 | 38.97 | 40.78 | 48.05 | 60.97 | 76.20 | 68.53 | 53.36 | 44.28 | 41.18 | 40.07 |
| | -2.47 | -2.61 | -1.97 | -2.22 | -2.29 | -1.92 | -4.68 | -6.94 | -5.70 | -4.50 | -4.09 | -3.90 | -3.79 | -3.65 | -3.76 | -4.13 | -5.23 | -6.18 | -7.94 | -6.86 | -5.57 | -5.12 | -4.07 | -3.20 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.10 | 0.03 | 1.20 | 0.03 | 0.33 | 1.76 | 0.03 | 0.00 |
| GARDNVLA_35_KV_LD 355827 | 40.37 | 38.99 | 38.31 | 37.56 | 38.08 | 41.89 | 58.13 | 82.57 | 71.90 | 47.61 | 41.71 | 40.70 | 39.62 | 39.06 | 39.31 | 41.15 | 48.50 | 61.44 | 76.80 | 69.07 | 53.93 | 45.22 | 41.54 | 40.29 |
| | -2.26 | -2.44 | -1.81 | -2.06 | -2.13 | -1.75 | -4.31 | -6.41 | -5.17 | -4.14 | -3.73 | -3.54 | -3.40 | -3.31 | -3.42 | -3.78 | -4.80 | -5.71 | -7.34 | -6.34 | -5.10 | -4.71 | -3.71 | -2.99 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.01 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.08 | 0.02 | 1.20 | 0.02 | 0.24 | 1.23 | 0.02 | 0.00 |
| GELCKHM___115KV_LOAD 80723 | 41.99 | 40.77 | 39.48 | 38.95 | 39.57 | 42.98 | 61.43 | 87.67 | 76.01 | 50.93 | 44.65 | 43.38 | 42.23 | 41.63 | 41.95 | 44.09 | 52.32 | 65.96 | 82.99 | 74.37 | 58.25 | 50.18 | 44.37 | 42.49 |
| | -0.64 | -0.66 | -0.64 | -0.67 | -0.64 | -0.65 | -1.00 | -1.34 | -1.08 | -0.83 | -0.82 | -0.89 | -0.82 | -0.76 | -0.81 | -0.85 | -1.07 | -1.21 | -1.37 | -1.06 | -1.01 | -0.97 | -0.91 | -0.78 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GENERAL___MILLS 23808 | 40.24 | 38.90 | 38.19 | 37.45 | 37.96 | 41.76 | 57.94 | 82.22 | 71.59 | 47.40 | 41.53 | 40.52 | 39.45 | 38.89 | 39.14 | 40.92 | 48.29 | 61.17 | 76.46 | 68.76 | 53.68 | 44.93 | 41.41 | 40.16 |
| | -2.39 | -2.53 | -1.93 | -2.18 | -2.25 | -1.88 | -4.50 | -6.76 | -5.47 | -4.35 | -3.91 | -3.72 | -3.57 | -3.48 | -3.59 | -4.00 | -5.02 | -5.98 | -7.68 | -6.64 | -5.33 | -4.91 | -3.85 | -3.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.08 | 0.02 | 1.20 | 0.02 | 0.25 | 1.31 | 0.02 | 0.00 |
| GE_PLASTICS___DRP 24183 | 43.10 | 41.89 | 40.52 | 40.10 | 40.62 | 43.89 | 62.75 | 89.19 | 77.32 | 52.07 | 45.97 | 44.84 | 43.65 | 42.95 | 43.40 | 45.57 | 54.08 | 67.91 | 86.15 | 76.03 | 59.97 | 51.82 | 45.82 | 43.62 |
| | 0.47 | 0.46 | 0.40 | 0.48 | 0.40 | 0.26 | 0.31 | 0.18 | 0.23 | 0.31 | 0.50 | 0.58 | 0.60 | 0.55 | 0.64 | 0.63 | 0.69 | 0.74 | 1.02 | 0.60 | 0.71 | 0.66 | 0.54 | 0.35 |
| | 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 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GILBOA___1 23756 | 43.65 | 42.47 | 41.08 | 40.62 | 41.18 | 44.37 | 63.31 | 90.35 | 78.32 | 52.74 | 46.65 | 45.41 | 44.21 | 43.58 | 44.00 | 46.11 | 54.72 | 68.45 | 86.64 | 76.85 | 60.62 | 52.33 | 46.18 | 44.05 |
| | 1.02 | 1.04 | 0.96 | 0.99 | 0.96 | 0.74 | 0.87 | 1.34 | 1.23 | 0.98 | 1.18 | 1.15 | 1.16 | 1.19 | 1.24 | 1.17 | 1.34 | 1.27 | 1.62 | 1.43 | 1.36 | 1.18 | 0.91 | 0.78 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GILBOA___2 23757 | 43.65 | 42.47 | 41.08 | 40.62 | 41.18 | 44.37 | 63.31 | 90.35 | 78.32 | 52.74 | 46.65 | 45.41 | 44.21 | 43.58 | 44.00 | 46.11 | 54.72 | 68.45 | 86.64 | 76.85 | 60.62 | 52.33 | 46.18 | 44.05 |
| | 1.02 | 1.04 | 0.96 | 0.99 | 0.96 | 0.74 | 0.87 | 1.34 | 1.23 | 0.98 | 1.18 | 1.15 | 1.16 | 1.19 | 1.24 | 1.17 | 1.34 | 1.27 | 1.62 | 1.43 | 1.36 | 1.18 | 0.91 | 0.78 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GILBOA___3 23758 | 43.65 | 42.47 | 41.08 | 40.62 | 41.18 | 44.37 | 63.31 | 90.35 | 78.32 | 52.74 | 46.65 | 45.41 | 44.21 | 43.58 | 44.00 | 46.11 | 54.72 | 68.45 | 86.64 | 76.85 | 60.62 | 52.33 | 46.18 | 44.05 |
| | 1.02 | 1.04 | 0.96 | 0.99 | 0.96 | 0.74 | 0.87 | 1.34 | 1.23 | 0.98 | 1.18 | 1.15 | 1.16 | 1.19 | 1.24 | 1.17 | 1.34 | 1.27 | 1.62 | 1.43 | 1.36 | 1.18 | 0.91 | 0.78 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GILBOA___4 23759 | 43.65 | 42.47 | 41.08 | 40.62 | 41.18 | 44.37 | 63.31 | 90.35 | 78.32 | 52.74 | 46.65 | 45.41 | 44.21 | 43.58 | 44.00 | 46.11 | 54.72 | 68.45 | 86.64 | 76.85 | 60.62 | 52.33 | 46.18 | 44.05 |
| | 1.02 | 1.04 | 0.96 | 0.99 | 0.96 | 0.74 | 0.87 | 1.34 | 1.23 | 0.98 | 1.18 | 1.15 | 1.16 | 1.19 | 1.24 | 1.17 | 1.34 | 1.27 | 1.62 | 1.43 | 1.36 | 1.18 | 0.91 | 0.78 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
| GILBOA____ 23599 | 43.65 1.02 0.00 | 42.47 1.04 0.00 | 41.08 0.96 0.00 | 40.62 0.99 0.00 | 41.18 0.97 0.00 | 44.37 0.74 0.00 | 63.25 0.81 0.00 | 90.34 1.34 0.00 | 78.25 1.16 0.00 | 52.74 0.98 0.00 | 46.61 1.14 0.00 | 45.37 1.11 0.00 | 44.21 1.16 0.00 | 43.54 1.14 0.00 | 43.96 1.20 0.00 | 46.11 1.17 0.00 | 54.72 1.33 0.00 | 68.45 1.28 0.00 | 86.64 1.62 0.31 | 76.78 1.36 0.00 | 60.56 1.30 0.00 | 52.33 1.18 0.00 | 46.36 1.09 0.00 | 44.09 0.82 0.00 |
| GINNA____ 23603 | 39.64 -2.98 0.00 | 38.45 -2.98 0.00 | 37.35 -2.77 0.00 | 36.97 -2.65 0.00 | 37.48 -2.74 0.00 | 40.75 -2.88 0.00 | 58.00 -4.43 0.00 | 82.68 -6.32 0.01 | 72.07 -5.01 0.01 | 48.23 -3.52 0.00 | 41.59 -3.86 0.01 | 40.49 -3.76 0.01 | 39.55 -3.49 0.01 | 38.86 -3.52 0.02 | 39.16 -3.59 0.02 | 41.29 -3.64 0.01 | 48.43 -4.91 0.05 | 62.26 -4.90 0.01 | 77.93 -6.23 1.18 | 70.06 -5.35 0.01 | 54.23 -5.04 0.00 | 46.65 -4.60 -0.10 | 42.05 -3.21 0.01 | 40.24 -3.03 0.00 |
| GLEN PARK____ 23778 | 44.25 1.62 0.00 | 43.13 1.70 0.00 | 41.77 1.65 0.00 | 41.09 1.47 0.00 | 41.90 1.69 0.00 | 45.68 2.05 0.00 | 65.87 3.43 0.00 | 94.71 5.70 0.00 | 80.94 3.85 0.00 | 53.21 1.45 0.00 | 46.42 0.96 0.00 | 44.88 0.62 0.00 | 43.44 0.39 0.00 | 42.86 0.47 0.00 | 43.02 0.26 0.00 | 45.62 0.68 0.00 | 54.72 1.34 0.00 | 68.99 1.81 0.00 | 88.56 3.42 0.19 | 79.34 3.92 0.00 | 61.99 2.73 0.00 | 53.61 2.46 0.00 | 47.27 1.99 0.00 | 45.00 1.73 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 45.74 3.11 0.00 | 44.21 2.78 0.00 | 42.61 2.49 0.00 | 42.12 2.50 0.00 | 42.70 2.49 0.00 | 46.21 2.57 0.00 | 64.74 2.31 0.00 | 93.28 4.27 0.00 | 81.02 3.93 0.00 | 55.07 3.31 0.00 | 49.11 3.64 0.00 | 47.81 3.54 0.00 | 46.67 3.62 0.00 | 46.04 3.65 0.00 | 46.57 3.81 0.00 | 48.72 3.78 0.00 | 57.40 4.00 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.10 4.68 0.00 | 62.88 3.61 0.00 | 54.73 3.58 0.00 | 48.95 3.67 0.00 | 46.39 3.12 0.00 |
| GLENWOOD_IC_1_G5 23712 | 45.44 2.81 0.00 | 43.84 2.40 0.00 | 42.29 2.17 0.00 | 41.76 2.14 0.00 | 42.42 2.21 0.00 | 45.81 2.18 0.00 | 62.39 1.94 1.98 | 82.00 3.74 10.75 | 73.90 3.47 6.66 | 54.70 2.95 0.01 | 49.34 3.86 -0.01 | 48.17 3.85 -0.06 | 47.36 3.92 -0.39 | 46.83 3.90 -0.53 | 47.19 4.02 -0.41 | 49.36 4.04 -0.37 | 56.99 3.63 0.02 | 70.93 3.76 0.00 | 90.34 5.29 0.28 | 79.72 4.30 0.00 | 62.63 3.38 0.00 | 54.22 3.07 0.00 | 48.73 3.44 -0.01 | 46.13 2.86 0.00 |
| GLENWOOD_IC_2_G1 23688 | 45.31 2.69 0.00 | 43.71 2.28 0.00 | 42.20 2.08 0.00 | 41.64 2.02 0.00 | 42.26 2.05 0.00 | 45.73 2.09 0.00 | 64.47 2.06 0.02 | 92.65 3.74 0.10 | 80.50 3.47 0.06 | 54.60 2.84 0.00 | 49.11 3.64 0.00 | 47.94 3.67 0.00 | 46.72 3.66 -0.01 | 46.14 3.73 -0.01 | 46.62 3.85 -0.01 | 48.73 3.78 -0.01 | 57.01 3.63 0.01 | 70.87 3.69 0.00 | 90.18 5.12 0.27 | 79.64 4.22 0.00 | 62.64 3.38 0.00 | 54.17 3.02 0.00 | 47.81 2.53 0.00 | 45.74 2.47 0.00 |
| GLENWOOD_IC_3_G1 23689 | 45.31 2.69 0.00 | 43.71 2.28 0.00 | 42.20 2.08 0.00 | 41.64 2.02 0.00 | 42.26 2.05 0.00 | 45.73 2.09 0.00 | 64.47 2.06 0.02 | 92.65 3.74 0.10 | 80.50 3.47 0.06 | 54.60 2.84 0.00 | 49.11 3.64 0.00 | 47.94 3.67 0.00 | 46.72 3.66 -0.01 | 46.14 3.73 -0.01 | 46.62 3.85 -0.01 | 48.73 3.78 -0.01 | 57.01 3.63 0.01 | 70.87 3.69 0.00 | 90.18 5.12 0.27 | 79.64 4.22 0.00 | 62.64 3.38 0.00 | 54.17 3.02 0.00 | 47.81 2.53 0.00 | 45.74 2.47 0.00 |
| GLENWOOD____4 23550 | 45.44 2.81 0.00 | 43.84 2.40 0.00 | 42.29 2.17 0.00 | 41.76 2.14 0.00 | 42.42 2.21 0.00 | 45.81 2.18 0.00 | 62.39 1.94 1.98 | 82.00 3.74 10.75 | 73.90 3.47 6.66 | 54.70 2.95 0.01 | 49.34 3.86 -0.01 | 48.17 3.85 -0.06 | 47.36 3.92 -0.39 | 46.83 3.90 -0.53 | 47.19 4.02 -0.41 | 49.36 4.04 -0.37 | 56.99 3.63 0.02 | 70.93 3.76 0.00 | 90.34 5.29 0.28 | 79.72 4.30 0.00 | 62.63 3.38 0.00 | 54.22 3.07 0.00 | 48.73 3.44 -0.01 | 46.13 2.86 0.00 |
| GLENWOOD____5 23614 | 45.44 2.81 0.00 | 43.84 2.40 0.00 | 42.29 2.17 0.00 | 41.76 2.14 0.00 | 42.42 2.21 0.00 | 45.81 2.18 0.00 | 62.39 1.94 1.98 | 82.00 3.74 10.75 | 73.90 3.47 6.66 | 54.70 2.95 0.01 | 49.34 3.86 -0.01 | 48.17 3.85 -0.06 | 47.36 3.92 -0.39 | 46.83 3.90 -0.53 | 47.19 4.02 -0.41 | 49.36 4.04 -0.37 | 56.99 3.63 0.02 | 70.93 3.76 0.00 | 90.34 5.29 0.28 | 79.72 4.30 0.00 | 62.63 3.38 0.00 | 54.22 3.07 0.00 | 48.73 3.44 -0.01 | 46.13 2.86 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 45.36 2.73 0.00 | 43.54 2.11 0.00 | 42.05 1.93 0.00 | 41.45 1.82 0.00 | 42.22 2.01 0.00 | 45.51 1.87 0.00 | 56.34 0.00 6.09 | 56.73 0.80 33.08 | 57.59 1.00 20.50 | 53.25 1.50 0.02 | 48.51 3.05 0.00 | 47.81 3.54 0.00 | 46.68 3.57 -0.06 | 46.17 3.69 -0.09 | 46.68 3.85 -0.06 | 48.78 3.78 -0.06 | 55.57 2.24 0.05 | 68.98 1.81 0.01 | 88.29 3.24 0.28 | 77.98 2.57 0.01 | 61.09 1.84 0.01 | 52.94 1.79 0.01 | 46.95 1.68 0.00 | 45.69 2.42 0.00 |
| GLOBE____DSASP 323697 | 39.17 -3.45 0.00 | 38.66 -2.78 0.00 | 37.15 -2.97 0.00 | 36.38 -3.25 0.00 | 36.88 -3.34 0.00 | 40.49 -3.14 0.00 | 55.69 -6.74 0.00 | 78.66 -10.32 0.02 | 68.82 -8.25 0.02 | 45.70 -6.06 0.01 | 39.63 -5.82 0.02 | 38.66 -5.58 0.02 | 37.60 -5.42 0.02 | 37.24 -5.13 0.03 | 37.43 -5.30 0.03 | 39.26 -5.66 0.02 | 45.43 -7.85 0.11 | 57.95 -9.20 0.02 | 72.19 -11.95 1.20 | 65.67 -9.73 0.02 | 50.53 -8.47 0.25 | 42.32 -7.62 1.21 | 39.10 -6.16 0.02 | 38.86 -4.41 0.00 |
| GOETHSLN____LBMP 323567 | 45.27 2.64 0.00 | 43.75 2.32 0.00 | 42.17 2.05 0.00 | 41.65 2.02 0.00 | 42.26 2.05 0.00 | 45.73 2.09 0.00 | 64.68 2.25 0.00 | 93.19 4.18 0.00 | 80.94 3.85 0.00 | 55.07 3.31 0.00 | 49.15 3.68 0.00 | 47.85 3.59 0.00 | 46.71 3.66 0.00 | 46.08 3.69 0.00 | 46.57 3.81 0.00 | 48.76 3.82 0.00 | 57.40 4.00 -0.01 | 71.27 4.10 0.00 | 90.69 5.63 0.28 | 80.02 4.60 0.00 | 62.82 3.56 0.00 | 54.48 3.32 0.00 | 48.45 3.17 0.00 | 45.91 2.64 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 41.48 -1.15 0.00 | 40.15 -1.28 0.00 | 39.12 -1.00 0.00 | 38.51 -1.11 0.00 | 39.09 -1.13 0.00 | 42.67 -0.96 0.00 | 60.06 -2.37 0.00 | 85.35 -3.65 0.01 | 74.30 -2.78 0.01 | 49.48 -2.28 0.00 | 42.86 -2.59 0.01 | 41.77 -2.48 0.01 | 40.58 -2.45 0.01 | 40.05 -2.33 0.02 | 40.35 -2.39 0.02 | 42.37 -2.56 0.01 | 49.70 -3.63 0.06 | 63.47 -3.69 0.01 | 79.36 -4.78 1.19 | 71.94 -3.47 0.01 | 55.74 -3.50 0.03 | 47.76 -3.32 0.07 | 42.59 -2.67 0.01 | 41.76 -1.51 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 43.95 1.32 0.00 | 42.72 1.28 0.00 | 41.32 1.20 0.00 | 40.77 1.15 0.00 | 41.46 1.25 0.00 | 44.94 1.31 0.00 | 64.24 1.81 0.00 | 92.22 3.20 -0.01 | 79.49 2.39 -0.01 | 53.00 1.24 0.00 | 46.66 1.18 -0.01 | 45.29 1.02 -0.01 | 44.00 0.95 -0.01 | 43.38 0.98 -0.01 | 43.71 0.94 -0.01 | 46.07 1.12 0.00 | 54.95 1.55 -0.01 | 69.06 1.88 0.00 | 87.59 2.82 0.56 | 78.07 2.64 0.00 | 61.28 2.01 0.00 | 52.91 1.74 -0.02 | 46.78 1.49 0.00 | 44.48 1.21 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 42.63 0.00 0.00 | 41.35 -0.08 0.00 | 40.16 0.04 0.00 | 39.58 -0.04 0.00 | 40.17 -0.04 0.00 | 43.76 0.13 0.00 | 62.12 -0.31 0.00 | 88.91 -0.09 0.01 | 76.85 -0.23 0.01 | 51.39 -0.36 0.00 | 45.24 -0.23 0.01 | 43.95 -0.31 0.01 | 42.79 -0.26 0.01 | 42.18 -0.21 0.01 | 42.54 -0.21 0.01 | 44.71 -0.22 0.01 | 53.15 -0.21 0.02 | 66.83 -0.34 0.01 | 84.15 -0.09 1.10 | 75.34 -0.08 0.01 | 59.07 -0.12 0.07 | 50.70 -0.15 0.30 | 45.18 -0.09 0.01 | 43.10 -0.17 0.00 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOUDEY___7 23579 | 42.63 0.00 0.00 | 41.35 -0.08 0.00 | 40.16 0.04 0.00 | 39.58 -0.04 0.00 | 40.17 -0.04 0.00 | 43.76 0.13 0.00 | 62.12 -0.31 0.00 | 88.91 -0.09 0.01 | 76.85 -0.23 0.01 | 51.39 -0.36 0.00 | 45.24 -0.23 0.01 | 43.95 -0.31 0.01 | 42.79 -0.26 0.01 | 42.18 -0.21 0.01 | 42.54 -0.21 0.01 | 44.71 -0.22 0.01 | 53.15 -0.21 0.02 | 66.83 -0.34 0.01 | 84.15 -0.09 1.10 | 75.34 -0.08 0.01 | 59.07 -0.12 0.07 | 50.70 -0.15 0.30 | 45.18 -0.09 0.01 | 43.10 -0.17 0.00 |
| GOUDEY___8 23580 | 42.63 0.00 0.00 | 41.35 -0.08 0.00 | 40.16 0.04 0.00 | 39.58 -0.04 0.00 | 40.17 -0.04 0.00 | 43.76 0.13 0.00 | 62.12 -0.31 0.00 | 88.91 -0.09 0.01 | 76.85 -0.23 0.01 | 51.39 -0.36 0.00 | 45.24 -0.23 0.01 | 43.95 -0.31 0.01 | 42.79 -0.26 0.01 | 42.18 -0.21 0.01 | 42.54 -0.21 0.01 | 44.71 -0.22 0.01 | 53.15 -0.21 0.02 | 66.83 -0.34 0.01 | 84.15 -0.09 1.10 | 75.34 -0.08 0.01 | 59.07 -0.12 0.07 | 50.70 -0.15 0.30 | 45.18 -0.09 0.01 | 43.10 -0.17 0.00 |
| GOWANUS_GT1_1 24077 | 45.83 3.20 -0.01 | 44.30 2.86 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.28 4.27 0.00 | 81.02 3.93 0.00 | 54.97 3.21 0.00 | 48.92 3.46 0.00 | 47.58 3.32 0.00 | 46.45 3.40 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.58 3.64 0.00 | 57.24 3.84 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.10 4.68 0.00 | 62.88 3.61 0.00 | 54.68 3.53 0.00 | 48.99 3.71 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT1_2 24078 | 45.83 3.20 -0.01 | 44.30 2.86 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.28 4.27 0.00 | 81.02 3.93 0.00 | 54.97 3.21 0.00 | 48.92 3.46 0.00 | 47.58 3.32 0.00 | 46.45 3.40 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.58 3.64 0.00 | 57.24 3.84 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.10 4.68 0.00 | 62.88 3.61 0.00 | 54.68 3.53 0.00 | 48.99 3.71 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT1_3 24079 | 45.83 3.20 -0.01 | 44.30 2.86 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.28 4.27 0.00 | 81.02 3.93 0.00 | 54.97 3.21 0.00 | 48.92 3.46 0.00 | 47.58 3.32 0.00 | 46.45 3.40 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.58 3.64 0.00 | 57.24 3.84 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.10 4.68 0.00 | 62.88 3.61 0.00 | 54.68 3.53 0.00 | 48.99 3.71 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT1_4 24080 | 45.83 3.20 -0.01 | 44.30 2.86 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.28 4.27 0.00 | 81.02 3.93 0.00 | 54.97 3.21 0.00 | 48.92 3.46 0.00 | 47.58 3.32 0.00 | 46.45 3.40 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.58 3.64 0.00 | 57.24 3.84 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.10 4.68 0.00 | 62.88 3.61 0.00 | 54.68 3.53 0.00 | 48.99 3.71 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT1_5 24084 | 45.83 3.20 -0.01 | 44.30 2.86 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.28 4.27 0.00 | 81.02 3.93 0.00 | 54.97 3.21 0.00 | 48.92 3.46 0.00 | 47.58 3.32 0.00 | 46.45 3.40 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.58 3.64 0.00 | 57.24 3.84 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.10 4.68 0.00 | 62.88 3.61 0.00 | 54.68 3.53 0.00 | 48.99 3.71 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT1_6 24111 | 45.83 3.20 -0.01 | 44.30 2.86 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.28 4.27 0.00 | 81.02 3.93 0.00 | 54.97 3.21 0.00 | 48.92 3.46 0.00 | 47.58 3.32 0.00 | 46.45 3.40 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.58 3.64 0.00 | 57.24 3.84 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.10 4.68 0.00 | 62.88 3.61 0.00 | 54.68 3.53 0.00 | 48.99 3.71 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT1_7 24112 | 45.83 3.20 -0.01 | 44.30 2.86 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.28 4.27 0.00 | 81.02 3.93 0.00 | 54.97 3.21 0.00 | 48.92 3.46 0.00 | 47.58 3.32 0.00 | 46.45 3.40 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.58 3.64 0.00 | 57.24 3.84 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.10 4.68 0.00 | 62.88 3.61 0.00 | 54.68 3.53 0.00 | 48.99 3.71 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT1_8 24113 | 45.83 3.20 -0.01 | 44.30 2.86 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.28 4.27 0.00 | 81.02 3.93 0.00 | 54.97 3.21 0.00 | 48.92 3.46 0.00 | 47.58 3.32 0.00 | 46.45 3.40 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.58 3.64 0.00 | 57.24 3.84 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.10 4.68 0.00 | 62.88 3.61 0.00 | 54.68 3.53 0.00 | 48.99 3.71 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT2_1 24114 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT2_2 24115 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT2_3 24116 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT2_4 24117 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT2_5 24118 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|
| GOWANUS_GT2_6 24119 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT2_7 24120 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT2_8 24121 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT3_1 24122 | 45.83 3.20 -0.01 | 44.26 2.82 -0.01 | 42.73 2.61 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.30 2.66 -0.01 | 64.94 2.50 -0.01 | 93.36 4.36 0.01 | 81.09 4.01 0.01 | 54.96 3.21 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.45 3.40 0.00 | 45.91 3.52 0.00 | 46.44 3.68 0.00 | 48.54 3.60 0.00 | 57.34 3.95 -0.01 | 71.33 4.17 0.01 | 90.77 5.72 0.28 | 80.17 4.75 0.01 | 62.99 3.74 0.01 | 54.63 3.48 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT3_2 24123 | 45.83 3.20 -0.01 | 44.26 2.82 -0.01 | 42.73 2.61 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.30 2.66 -0.01 | 64.94 2.50 -0.01 | 93.36 4.36 0.01 | 81.09 4.01 0.01 | 54.96 3.21 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.45 3.40 0.00 | 45.91 3.52 0.00 | 46.44 3.68 0.00 | 48.54 3.60 0.00 | 57.34 3.95 -0.01 | 71.33 4.17 0.01 | 90.77 5.72 0.28 | 80.17 4.75 0.01 | 62.99 3.74 0.01 | 54.63 3.48 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT3_3 24124 | 45.83 3.20 -0.01 | 44.26 2.82 -0.01 | 42.73 2.61 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.30 2.66 -0.01 | 64.94 2.50 -0.01 | 93.36 4.36 0.01 | 81.09 4.01 0.01 | 54.96 3.21 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.45 3.40 0.00 | 45.91 3.52 0.00 | 46.44 3.68 0.00 | 48.54 3.60 0.00 | 57.34 3.95 -0.01 | 71.33 4.17 0.01 | 90.77 5.72 0.28 | 80.17 4.75 0.01 | 62.99 3.74 0.01 | 54.63 3.48 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT3_4 24125 | 45.83 3.20 -0.01 | 44.26 2.82 -0.01 | 42.73 2.61 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.30 2.66 -0.01 | 64.94 2.50 -0.01 | 93.36 4.36 0.01 | 81.09 4.01 0.01 | 54.96 3.21 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.45 3.40 0.00 | 45.91 3.52 0.00 | 46.44 3.68 0.00 | 48.54 3.60 0.00 | 57.34 3.95 -0.01 | 71.33 4.17 0.01 | 90.77 5.72 0.28 | 80.17 4.75 0.01 | 62.99 3.74 0.01 | 54.63 3.48 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT3_5 24126 | 45.83 3.20 -0.01 | 44.26 2.82 -0.01 | 42.73 2.61 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.30 2.66 -0.01 | 64.94 2.50 -0.01 | 93.36 4.36 0.01 | 81.09 4.01 0.01 | 54.96 3.21 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.45 3.40 0.00 | 45.91 3.52 0.00 | 46.44 3.68 0.00 | 48.54 3.60 0.00 | 57.34 3.95 -0.01 | 71.33 4.17 0.01 | 90.77 5.72 0.28 | 80.17 4.75 0.01 | 62.99 3.74 0.01 | 54.63 3.48 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT3_6 24127 | 45.83 3.20 -0.01 | 44.26 2.82 -0.01 | 42.73 2.61 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.30 2.66 -0.01 | 64.94 2.50 -0.01 | 93.36 4.36 0.01 | 81.09 4.01 0.01 | 54.96 3.21 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.45 3.40 0.00 | 45.91 3.52 0.00 | 46.44 3.68 0.00 | 48.54 3.60 0.00 | 57.34 3.95 -0.01 | 71.33 4.17 0.01 | 90.77 5.72 0.28 | 80.17 4.75 0.01 | 62.99 3.74 0.01 | 54.63 3.48 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT3_7 24128 | 45.83 3.20 -0.01 | 44.26 2.82 -0.01 | 42.73 2.61 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.30 2.66 -0.01 | 64.94 2.50 -0.01 | 93.36 4.36 0.01 | 81.09 4.01 0.01 | 54.96 3.21 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.45 3.40 0.00 | 45.91 3.52 0.00 | 46.44 3.68 0.00 | 48.54 3.60 0.00 | 57.34 3.95 -0.01 | 71.33 4.17 0.01 | 90.77 5.72 0.28 | 80.17 4.75 0.01 | 62.99 3.74 0.01 | 54.63 3.48 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT3_8 24129 | 45.83 3.20 -0.01 | 44.26 2.82 -0.01 | 42.73 2.61 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.30 2.66 -0.01 | 64.94 2.50 -0.01 | 93.36 4.36 0.01 | 81.09 4.01 0.01 | 54.96 3.21 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.45 3.40 0.00 | 45.91 3.52 0.00 | 46.44 3.68 0.00 | 48.54 3.60 0.00 | 57.34 3.95 -0.01 | 71.33 4.17 0.01 | 90.77 5.72 0.28 | 80.17 4.75 0.01 | 62.99 3.74 0.01 | 54.63 3.48 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| GOWANUS_GT4_1 24130 | 45.83 3.20 -0.01 | 44.34 2.90 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.37 4.36 0.00 | 81.02 3.93 0.00 | 55.02 3.26 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.44 3.68 0.00 | 48.58 3.64 0.00 | 57.29 3.90 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.93 3.67 0.00 | 54.73 3.58 0.00 | 49.04 3.76 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT4_2 24131 | 45.83 3.20 -0.01 | 44.34 2.90 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.37 4.36 0.00 | 81.02 3.93 0.00 | 55.02 3.26 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.44 3.68 0.00 | 48.58 3.64 0.00 | 57.29 3.90 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.93 3.67 0.00 | 54.73 3.58 0.00 | 49.04 3.76 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT4_3 24132 | 45.83 3.20 -0.01 | 44.34 2.90 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.37 4.36 0.00 | 81.02 3.93 0.00 | 55.02 3.26 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.44 3.68 0.00 | 48.58 3.64 0.00 | 57.29 3.90 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.93 3.67 0.00 | 54.73 3.58 0.00 | 49.04 3.76 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT4_4 24133 | 45.83 3.20 -0.01 | 44.34 2.90 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.37 4.36 0.00 | 81.02 3.93 0.00 | 55.02 3.26 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.44 3.68 0.00 | 48.58 3.64 0.00 | 57.29 3.90 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.93 3.67 0.00 | 54.73 3.58 0.00 | 49.04 3.76 0.00 | 46.52 3.25 -0.01 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|
| GOWANUS_GT4_5 24134 | 45.83 3.20 -0.01 | 44.34 2.90 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.37 4.36 0.00 | 81.02 3.93 0.00 | 55.02 3.26 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.44 3.68 0.00 | 48.58 3.64 0.00 | 57.29 3.90 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.93 3.67 0.00 | 54.73 3.58 0.00 | 49.04 3.76 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT4_6 24135 | 45.83 3.20 -0.01 | 44.34 2.90 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.37 4.36 0.00 | 81.02 3.93 0.00 | 55.02 3.26 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.44 3.68 0.00 | 48.58 3.64 0.00 | 57.29 3.90 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.93 3.67 0.00 | 54.73 3.58 0.00 | 49.04 3.76 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT4_7 24136 | 45.83 3.20 -0.01 | 44.34 2.90 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.37 4.36 0.00 | 81.02 3.93 0.00 | 55.02 3.26 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.44 3.68 0.00 | 48.58 3.64 0.00 | 57.29 3.90 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.93 3.67 0.00 | 54.73 3.58 0.00 | 49.04 3.76 0.00 | 46.52 3.25 -0.01 |
| GOWANUS_GT4_8 24137 | 45.83 3.20 -0.01 | 44.34 2.90 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.37 4.36 0.00 | 81.02 3.93 0.00 | 55.02 3.26 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.44 3.68 0.00 | 48.58 3.64 0.00 | 57.29 3.90 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.93 3.67 0.00 | 54.73 3.58 0.00 | 49.04 3.76 0.00 | 46.52 3.25 -0.01 |
| GREATVRV_69_KV_BK1 356245 | 46.08 3.45 0.00 | 44.25 2.82 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.91 2.69 0.00 | 46.29 2.66 0.00 | 57.34 0.69 5.78 | 59.57 1.96 31.40 | 59.49 1.85 19.45 | 54.38 2.64 0.01 | 49.69 4.23 0.00 | 48.61 4.34 -0.01 | 46.98 3.83 -0.10 | 46.39 3.86 -0.14 | 46.84 3.98 -0.10 | 48.99 3.96 -0.10 | 56.64 3.31 0.05 | 70.73 3.56 0.01 | 90.34 5.29 0.28 | 79.72 4.30 0.01 | 62.51 3.26 0.01 | 54.16 3.02 0.01 | 49.53 4.26 0.00 | 46.82 3.55 0.00 |
| GREENBSH_115KV_TB3 55895 | 42.84 0.21 0.00 | 41.64 0.21 0.00 | 40.32 0.20 0.00 | 39.90 0.28 0.00 | 40.41 0.20 0.00 | 43.63 0.00 0.00 | 62.50 0.06 0.00 | 88.65 -0.36 0.00 | 76.86 -0.23 0.00 | 51.81 0.05 0.00 | 45.79 0.32 0.00 | 44.66 0.40 0.00 | 43.48 0.43 0.00 | 42.78 0.38 0.00 | 43.23 0.47 0.00 | 45.35 0.40 0.00 | 53.86 0.48 0.00 | 67.71 0.54 0.00 | 85.89 0.77 0.21 | 75.65 0.23 0.00 | 59.73 0.47 0.00 | 51.61 0.46 0.00 | 45.59 0.32 0.00 | 43.36 0.09 0.00 |
| GREENDGE_115KV_TB5 80291 | 41.73 -0.90 0.00 | 40.40 -1.04 0.00 | 39.36 -0.76 0.00 | 38.79 -0.83 0.00 | 39.41 -0.80 0.00 | 43.24 -0.39 0.00 | 60.87 -1.56 0.00 | 86.63 -2.31 0.07 | 75.17 -1.85 0.07 | 50.18 -1.55 0.02 | 43.72 -1.68 0.07 | 42.38 -1.81 0.07 | 41.26 -1.72 0.07 | 40.75 -1.57 0.08 | 41.10 -1.58 0.08 | 43.13 -1.75 0.06 | 50.78 -2.35 0.25 | 64.70 -2.42 0.06 | 81.25 -2.90 1.18 | 73.18 -2.19 0.06 | 57.37 -2.01 -0.13 | 50.57 -1.74 -1.15 | 43.68 -1.54 0.06 | 42.02 -1.25 0.00 |
| GREENIDGE___3 23582 | 41.73 -0.90 0.00 | 40.40 -1.04 0.00 | 39.36 -0.76 0.00 | 38.79 -0.83 0.00 | 39.41 -0.80 0.00 | 43.24 -0.39 0.00 | 60.87 -1.56 0.00 | 86.63 -2.31 0.07 | 75.17 -1.85 0.07 | 50.18 -1.55 0.02 | 43.72 -1.68 0.07 | 42.38 -1.81 0.07 | 41.26 -1.72 0.07 | 40.75 -1.57 0.08 | 41.10 -1.58 0.08 | 43.13 -1.75 0.06 | 50.78 -2.35 0.25 | 64.70 -2.42 0.06 | 81.25 -2.90 1.18 | 73.18 -2.19 0.06 | 57.37 -2.01 -0.13 | 50.57 -1.74 -1.15 | 43.68 -1.54 0.06 | 42.02 -1.25 0.00 |
| GREENIDGE___4 23583 | 41.69 -0.94 0.00 | 40.40 -1.03 0.00 | 39.40 -0.72 0.00 | 38.95 -0.67 0.00 | 39.49 -0.72 0.00 | 43.24 -0.39 0.00 | 60.93 -1.50 0.00 | 86.63 -2.31 0.07 | 75.25 -1.77 0.07 | 50.49 -1.24 0.02 | 43.72 -1.68 0.07 | 42.38 -1.82 0.07 | 41.21 -1.77 0.07 | 40.71 -1.61 0.07 | 41.06 -1.62 0.07 | 43.04 -1.84 0.06 | 50.84 -2.29 0.25 | 64.70 -2.42 0.06 | 81.17 -2.99 1.17 | 73.18 -2.19 0.06 | 57.43 -1.95 -0.12 | 50.57 -1.74 -1.16 | 43.73 -1.49 0.06 | 42.23 -1.04 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 45.14 2.51 0.00 | 43.46 2.03 0.00 | 41.93 1.81 0.00 | 41.41 1.78 0.00 | 42.06 1.85 0.00 | 45.38 1.75 0.00 | 56.85 0.31 5.89 | 58.45 1.42 31.99 | 58.66 1.39 19.82 | 53.30 1.55 0.01 | 48.69 3.23 0.00 | 47.64 3.36 -0.01 | 46.75 3.62 -0.08 | 46.20 3.69 -0.12 | 46.61 3.76 -0.09 | 48.62 3.60 -0.08 | 55.47 2.14 0.05 | 69.18 2.02 0.01 | 88.12 3.07 0.28 | 77.75 2.34 0.01 | 61.03 1.78 0.01 | 52.94 1.79 0.01 | 48.44 3.17 0.00 | 45.91 2.64 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 45.83 3.20 -0.01 | 44.34 2.90 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.37 4.36 0.00 | 81.02 3.93 0.00 | 55.02 3.26 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.44 3.68 0.00 | 48.58 3.64 0.00 | 57.29 3.90 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.93 3.67 0.00 | 54.73 3.58 0.00 | 49.04 3.76 0.00 | 46.52 3.25 -0.01 |
| GRISSOM___SOLAR 323813 | 44.37 1.75 0.00 | 43.09 1.66 0.00 | 41.68 1.56 0.00 | 41.21 1.59 0.00 | 41.82 1.61 0.00 | 45.46 1.83 0.00 | 65.31 2.87 0.00 | 92.92 3.91 0.00 | 79.48 2.39 0.00 | 52.02 0.26 0.00 | 45.20 -0.27 0.00 | 43.64 -0.62 0.00 | 42.41 -0.64 0.00 | 41.80 -0.59 0.00 | 42.42 -0.34 0.00 | 45.08 0.14 0.00 | 54.56 1.17 0.00 | 69.86 2.69 0.00 | 88.92 3.84 0.26 | 78.44 3.02 0.00 | 61.86 2.60 0.00 | 53.40 2.25 0.00 | 47.00 1.72 0.00 | 44.79 1.51 0.00 |
| GROVEVILLE___HYD 323602 | 45.18 2.56 0.00 | 43.75 2.32 0.00 | 42.25 2.13 0.00 | 41.72 2.10 0.00 | 42.34 2.13 0.00 | 45.73 2.09 0.00 | 64.99 2.56 0.00 | 93.55 4.54 0.00 | 81.02 3.93 0.00 | 54.71 2.95 0.00 | 48.61 3.14 0.00 | 47.27 3.01 0.00 | 46.11 3.06 0.00 | 45.41 3.01 0.00 | 45.88 3.12 0.00 | 48.09 3.15 0.00 | 56.85 3.47 0.00 | 71.20 4.03 0.00 | 90.60 5.55 0.27 | 80.02 4.60 0.00 | 62.76 3.50 0.00 | 54.32 3.17 0.00 | 48.27 2.99 0.00 | 45.69 2.42 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 42.24 -0.38 0.00 | 40.98 -0.46 0.00 | 39.72 -0.40 0.00 | 39.19 -0.44 0.00 | 39.81 -0.40 0.00 | 43.24 -0.39 0.00 | 61.87 -0.56 0.00 | 88.30 -0.71 0.00 | 76.55 -0.54 0.00 | 51.24 -0.52 0.00 | 44.92 -0.55 0.00 | 43.64 -0.62 0.00 | 42.45 -0.60 0.00 | 41.84 -0.55 0.00 | 42.21 -0.56 0.00 | 44.36 -0.58 0.00 | 52.69 -0.69 0.00 | 66.43 -0.74 0.00 | 83.78 -0.77 0.78 | 74.90 -0.53 0.00 | 58.67 -0.59 0.00 | 50.54 -0.61 0.00 | 44.64 -0.63 0.00 | 42.75 -0.52 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 42.24 -0.38 0.00 | 41.02 -0.41 0.00 | 39.76 -0.36 0.00 | 39.23 -0.40 0.00 | 39.81 -0.40 0.00 | 43.33 -0.31 0.00 | 61.87 -0.56 0.00 | 88.21 -0.80 0.00 | 76.47 -0.62 0.00 | 51.14 -0.62 0.00 | 44.79 -0.68 0.00 | 43.56 -0.71 0.00 | 42.36 -0.69 0.00 | 41.76 -0.64 0.00 | 42.12 -0.64 0.00 | 44.31 -0.63 0.00 | 52.58 -0.80 0.00 | 66.37 -0.81 0.00 | 83.75 -0.77 0.81 | 74.90 -0.53 0.00 | 58.61 -0.65 0.00 | 50.49 -0.66 0.00 | 44.60 -0.68 0.00 | 42.75 -0.52 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 43.86 1.24 0.00 | 42.76 1.33 0.00 | 41.44 1.32 0.00 | 40.81 1.19 0.00 | 41.54 1.33 0.00 | 45.29 1.66 0.00 | 64.68 2.24 0.00 | 92.66 3.65 0.00 | 79.56 2.47 0.00 | 52.95 1.19 0.00 | 46.47 1.00 0.00 | 45.10 0.84 0.00 | 43.70 0.65 0.00 | 43.03 0.64 0.00 | 43.23 0.47 0.00 | 45.71 0.76 0.00 | 54.66 1.28 0.00 | 68.31 1.14 0.00 | 86.87 1.54 0.00 | 77.31 1.89 0.00 | 60.56 1.30 0.00 | 52.89 1.74 0.00 | 46.91 1.63 0.00 | 44.79 1.51 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 43.82 1.19 0.00 | 42.67 1.24 0.00 | 41.32 1.20 0.00 | 40.81 1.19 0.00 | 41.50 1.29 0.00 | 45.03 1.40 0.00 | 64.43 2.00 0.00 | 91.94 2.93 0.00 | 79.56 2.47 0.00 | 53.26 1.50 0.00 | 46.88 1.41 0.00 | 45.59 1.33 0.00 | 44.30 1.25 0.00 | 43.67 1.27 0.00 | 44.00 1.24 0.00 | 46.34 1.39 0.00 | 55.14 1.76 0.00 | 69.19 2.01 0.00 | 87.98 2.65 0.00 | 77.68 2.26 0.00 | 60.86 1.60 0.00 | 52.43 1.28 0.00 | 46.27 0.99 0.00 | 44.14 0.87 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 45.14 2.51 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.65 2.02 0.00 | 42.26 2.05 0.00 | 45.68 2.05 0.00 | 64.81 2.37 0.00 | 93.37 4.36 0.00 | 80.87 3.78 0.00 | 54.76 3.00 0.00 | 48.65 3.18 0.00 | 47.36 3.10 0.00 | 46.19 3.14 0.00 | 45.49 3.09 0.00 | 45.97 3.21 0.00 | 48.18 3.24 0.00 | 56.86 3.47 0.00 | 71.14 3.96 0.00 | 90.50 5.46 0.29 | 80.02 4.60 0.00 | 62.70 3.44 0.00 | 54.27 3.12 0.00 | 48.27 2.99 0.00 | 45.69 2.42 0.00 |
| HARSNRAD_115KV_TB1 81005 | 40.24 -2.39 0.00 | 38.66 -2.78 0.00 | 38.15 -1.97 0.00 | 37.41 -2.22 0.00 | 37.92 -2.29 0.00 | 41.67 -1.96 0.00 | 57.06 -5.37 0.00 | 80.80 -8.19 0.02 | 70.52 -6.55 0.02 | 46.78 -4.97 0.01 | 40.58 -4.87 0.02 | 39.59 -4.65 0.02 | 38.51 -4.52 0.02 | 38.09 -4.28 0.03 | 38.29 -4.45 0.03 | 40.16 -4.76 0.02 | 46.73 -6.57 0.09 | 59.63 -7.52 0.02 | 74.41 -9.73 1.20 | 67.48 -7.92 0.02 | 52.07 -6.99 0.20 | 43.73 -6.39 1.03 | 40.19 -5.07 0.02 | 40.03 -3.25 0.00 |
| HARZA MOOSE___RIVER 24016 | 43.78 1.15 0.00 | 42.63 1.20 0.00 | 41.28 1.16 0.00 | 40.65 1.03 0.00 | 41.42 1.21 0.00 | 45.03 1.40 0.00 | 64.68 2.25 0.00 | 92.75 3.74 0.00 | 79.79 2.70 0.00 | 52.90 1.14 0.00 | 46.38 0.91 0.00 | 44.97 0.71 0.00 | 43.61 0.56 0.00 | 42.99 0.59 0.00 | 43.23 0.47 0.00 | 45.66 0.72 0.00 | 54.61 1.23 0.00 | 68.65 1.48 0.00 | 87.43 2.39 0.29 | 77.99 2.56 0.00 | 61.04 1.78 0.00 | 52.84 1.69 0.00 | 46.64 1.36 0.00 | 44.44 1.17 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 41.94 -0.68 0.00 | 40.73 -0.70 0.00 | 39.48 -0.64 0.00 | 38.95 -0.67 0.00 | 39.57 -0.64 0.00 | 42.98 -0.65 0.00 | 61.43 -1.00 0.00 | 87.76 -1.25 0.00 | 76.09 -1.00 0.00 | 50.93 -0.83 0.00 | 44.65 -0.82 0.00 | 43.42 -0.84 0.00 | 42.28 -0.77 0.00 | 41.63 -0.76 0.00 | 41.99 -0.77 0.00 | 44.09 -0.85 0.00 | 52.32 -1.07 0.00 | 65.96 -1.21 0.00 | 82.45 -1.37 1.52 | 74.37 -1.06 0.00 | 58.25 -1.01 0.00 | 50.23 -0.92 0.00 | 44.37 -0.91 0.00 | 42.49 -0.78 0.00 |
| HELLGATE_13_KV_LD 55870 | 45.74 3.11 0.00 | 44.25 2.82 0.00 | 42.65 2.53 0.00 | 42.16 2.54 0.00 | 42.74 2.53 0.00 | 46.25 2.62 0.00 | 64.74 2.31 0.00 | 93.19 4.18 0.00 | 80.94 3.85 0.00 | 55.02 3.26 0.00 | 49.06 3.59 0.00 | 47.76 3.50 0.00 | 46.62 3.57 0.00 | 46.00 3.60 0.00 | 46.53 3.76 0.00 | 48.67 3.73 0.00 | 57.34 3.95 -0.01 | 71.27 4.10 0.00 | 90.69 5.63 0.28 | 80.10 4.68 0.00 | 62.82 3.56 0.00 | 54.68 3.53 0.00 | 48.95 3.67 0.00 | 46.43 3.16 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 45.74 3.11 0.00 | 44.25 2.82 0.00 | 42.65 2.53 0.00 | 42.16 2.54 0.00 | 42.74 2.53 0.00 | 46.25 2.62 0.00 | 64.74 2.31 0.00 | 93.19 4.18 0.00 | 80.94 3.85 0.00 | 55.02 3.26 0.00 | 49.06 3.59 0.00 | 47.76 3.50 0.00 | 46.62 3.57 0.00 | 46.00 3.60 0.00 | 46.53 3.76 0.00 | 48.67 3.73 0.00 | 57.34 3.95 -0.01 | 71.27 4.10 0.00 | 90.69 5.63 0.28 | 80.10 4.68 0.00 | 62.82 3.56 0.00 | 54.68 3.53 0.00 | 48.95 3.67 0.00 | 46.43 3.16 0.00 |
| HEMPSTEAD___ 23647 | 45.23 2.60 0.00 | 43.59 2.15 0.00 | 42.05 1.93 0.00 | 41.49 1.86 0.00 | 42.14 1.93 0.00 | 45.55 1.92 0.00 | 60.85 1.37 2.96 | 75.82 2.85 16.04 | 69.78 2.62 9.94 | 54.08 2.33 0.01 | 49.12 3.64 -0.01 | 48.09 3.76 -0.06 | 47.20 3.74 -0.41 | 46.77 3.82 -0.55 | 47.12 3.93 -0.42 | 49.20 3.87 -0.39 | 56.50 3.15 0.03 | 70.19 3.03 0.01 | 89.40 4.35 0.28 | 78.96 3.55 0.01 | 62.10 2.84 0.01 | 53.70 2.56 0.01 | 47.55 2.26 -0.01 | 45.61 2.34 0.00 |
| HICKLING___1 23621 | 41.05 -1.58 0.00 | 39.69 -1.74 0.00 | 38.84 -1.28 0.00 | 38.20 -1.43 0.00 | 38.77 -1.45 0.00 | 42.72 -0.92 0.00 | 59.94 -2.50 0.00 | 85.74 -3.20 0.06 | 73.87 -3.16 0.06 | 49.10 -2.64 0.02 | 43.04 -2.36 0.06 | 41.72 -2.48 0.06 | 40.70 -2.28 0.06 | 40.08 -2.25 0.07 | 40.42 -2.27 0.07 | 42.28 -2.61 0.06 | 50.14 -2.99 0.26 | 63.69 -3.43 0.06 | 80.29 -3.84 1.20 | 71.82 -3.54 0.06 | 56.18 -2.84 0.23 | 47.52 -2.66 0.97 | 43.04 -2.17 0.06 | 41.19 -2.08 0.00 |
| HICKLING___2 23622 | 41.05 -1.58 0.00 | 39.69 -1.74 0.00 | 38.84 -1.28 0.00 | 38.20 -1.43 0.00 | 38.77 -1.45 0.00 | 42.72 -0.92 0.00 | 59.94 -2.50 0.00 | 85.74 -3.20 0.06 | 73.87 -3.16 0.06 | 49.10 -2.64 0.02 | 43.04 -2.36 0.06 | 41.72 -2.48 0.06 | 40.70 -2.28 0.06 | 40.08 -2.25 0.07 | 40.42 -2.27 0.07 | 42.28 -2.61 0.06 | 50.14 -2.99 0.26 | 63.69 -3.43 0.06 | 80.29 -3.84 1.20 | 71.82 -3.54 0.06 | 56.18 -2.84 0.23 | 47.52 -2.66 0.97 | 43.04 -2.17 0.06 | 41.19 -2.08 0.00 |
| HIGH FALLS___HY 23754 | 45.44 2.81 0.00 | 43.96 2.53 0.00 | 42.45 2.33 0.00 | 41.92 2.30 0.00 | 42.55 2.33 0.00 | 45.95 2.31 0.00 | 65.37 2.93 0.00 | 94.26 5.25 0.00 | 81.48 4.39 0.00 | 54.86 3.11 0.00 | 48.65 3.18 0.00 | 47.27 3.01 0.00 | 46.11 3.06 0.00 | 45.41 3.01 0.00 | 45.88 3.12 0.00 | 48.14 3.19 0.00 | 56.96 3.58 0.00 | 71.47 4.30 0.00 | 91.03 5.97 0.28 | 80.63 5.20 0.00 | 63.17 3.91 0.00 | 54.58 3.43 0.00 | 48.49 3.21 0.00 | 45.87 2.60 0.00 |
| HIGH_RIVER___SOLAR 323847 | 44.16 1.53 0.00 | 42.92 1.49 0.00 | 41.48 1.36 0.00 | 41.01 1.39 0.00 | 41.62 1.41 0.00 | 45.20 1.57 0.00 | 64.93 2.50 0.00 | 92.30 3.30 0.00 | 78.86 1.77 0.00 | 51.86 0.10 0.00 | 45.42 -0.05 0.00 | 44.00 -0.26 0.00 | 42.75 -0.30 0.00 | 42.14 -0.25 0.00 | 42.63 -0.13 0.00 | 45.08 0.14 0.00 | 54.13 0.75 0.00 | 69.46 2.29 0.00 | 88.50 3.42 0.25 | 78.06 2.64 0.00 | 61.63 2.37 0.00 | 53.15 1.99 0.00 | 46.77 1.49 0.00 | 44.61 1.34 0.00 |
| HILLBURN___GT 23639 | 45.10 2.47 0.00 | 43.63 2.19 0.00 | 42.09 1.97 0.00 | 41.60 1.98 0.00 | 42.18 1.97 0.00 | 45.64 2.01 0.00 | 64.81 2.37 0.00 | 93.28 4.27 0.00 | 80.87 3.78 0.00 | 54.76 3.00 0.00 | 48.79 3.32 0.00 | 47.54 3.28 0.00 | 46.32 3.27 0.00 | 45.70 3.31 0.00 | 46.18 3.42 0.00 | 48.32 3.37 0.00 | 56.96 3.58 0.00 | 71.07 3.89 0.00 | 90.51 5.47 0.29 | 79.95 4.53 0.00 | 62.76 3.50 0.00 | 54.22 3.07 0.00 | 47.86 2.58 0.00 | 45.61 2.34 0.00 |
| HILLSIDE_115KV_TB1 80332 | 40.54 -2.09 0.00 | 39.19 -2.24 0.00 | 38.31 -1.81 0.00 | 37.72 -1.90 0.00 | 38.24 -1.97 0.00 | 42.11 -1.53 0.00 | 59.06 -3.37 0.00 | 84.41 -4.54 0.06 | 72.64 -4.39 0.06 | 48.38 -3.36 0.02 | 42.54 -2.86 0.06 | 41.28 -2.92 0.06 | 40.28 -2.71 0.06 | 39.62 -2.71 0.07 | 40.00 -2.69 0.07 | 41.78 -3.10 0.06 | 49.62 -3.52 0.24 | 62.88 -4.23 0.06 | 79.27 -4.86 1.20 | 70.92 -4.45 0.06 | 55.57 -3.50 0.20 | 47.16 -3.22 0.77 | 42.64 -2.58 0.06 | 40.72 -2.55 0.00 |

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| HISHELDN_WT_PWR 323625 | 40.15 -2.47 0.00 | 38.95 -2.48 0.00 | 38.24 -1.88 0.00 | 37.84 -1.78 0.00 | 38.16 -2.05 0.00 | 41.84 -1.79 0.00 | 58.19 -4.25 0.00 | 82.56 -6.41 0.03 | 71.81 -5.24 0.03 | 48.02 -3.73 0.01 | 41.34 -4.09 0.03 | 40.20 -4.03 0.03 | 39.23 -3.79 0.03 | 38.71 -3.65 0.04 | 38.96 -3.76 0.04 | 40.87 -4.04 0.03 | 48.19 -5.07 0.13 | 61.30 -5.84 0.03 | 76.62 -7.51 1.20 | 68.91 -6.49 0.03 | 53.48 -5.33 0.44 | 43.77 -5.01 2.37 | 41.72 -3.53 0.03 | 40.50 -2.77 0.00 |
| HOLTSVILLE_IC_1 23690 | 45.36 2.73 0.00 | 43.59 2.15 0.00 | 42.09 1.97 0.00 | 41.49 1.86 0.00 | 42.22 2.01 0.00 | 45.55 1.92 0.00 | 56.64 0.31 6.11 | 57.00 1.15 33.16 | 57.77 1.23 20.55 | 53.35 1.61 0.02 | 48.65 3.18 0.00 | 47.85 3.58 0.00 | 46.73 3.62 -0.06 | 46.25 3.77 -0.08 | 46.71 3.89 -0.06 | 48.73 3.73 -0.06 | 55.57 2.24 0.05 | 69.04 1.88 0.01 | 88.12 3.07 0.28 | 77.83 2.41 0.01 | 61.15 1.90 0.01 | 53.04 1.89 0.01 | 47.17 1.90 0.00 | 45.61 2.34 0.00 |
| HOLTSVILLE_IC_10 23699 | 45.53 2.90 0.00 | 43.79 2.36 0.00 | 42.24 2.12 0.00 | 41.64 2.02 0.00 | 42.38 2.17 0.00 | 45.73 2.09 0.00 | 56.96 0.56 6.03 | 57.69 1.42 32.74 | 58.26 1.46 20.29 | 53.60 1.86 0.02 | 48.88 3.41 0.00 | 48.03 3.76 0.00 | 46.91 3.79 -0.07 | 46.44 3.94 -0.10 | 46.90 4.06 -0.07 | 48.92 3.91 -0.07 | 55.84 2.51 0.05 | 69.38 2.21 0.01 | 88.63 3.58 0.28 | 78.28 2.87 0.01 | 61.45 2.19 0.01 | 53.29 2.15 0.01 | 47.40 2.13 0.00 | 45.82 2.55 0.00 |
| HOLTSVILLE_IC_2 23691 | 45.36 2.73 0.00 | 43.59 2.15 0.00 | 42.09 1.97 0.00 | 41.49 1.86 0.00 | 42.22 2.01 0.00 | 45.55 1.92 0.00 | 56.64 0.31 6.11 | 57.00 1.15 33.16 | 57.77 1.23 20.55 | 53.35 1.61 0.02 | 48.65 3.18 0.00 | 47.85 3.58 0.00 | 46.73 3.62 -0.06 | 46.25 3.77 -0.08 | 46.71 3.89 -0.06 | 48.73 3.73 -0.06 | 55.57 2.24 0.05 | 69.04 1.88 0.01 | 88.12 3.07 0.28 | 77.83 2.41 0.01 | 61.15 1.90 0.01 | 53.04 1.89 0.01 | 47.17 1.90 0.00 | 45.61 2.34 0.00 |
| HOLTSVILLE_IC_3 23692 | 45.36 2.73 0.00 | 43.59 2.15 0.00 | 42.09 1.97 0.00 | 41.49 1.86 0.00 | 42.22 2.01 0.00 | 45.55 1.92 0.00 | 56.64 0.31 6.11 | 57.00 1.15 33.16 | 57.77 1.23 20.55 | 53.35 1.61 0.02 | 48.65 3.18 0.00 | 47.85 3.58 0.00 | 46.73 3.62 -0.06 | 46.25 3.77 -0.08 | 46.71 3.89 -0.06 | 48.73 3.73 -0.06 | 55.57 2.24 0.05 | 69.04 1.88 0.01 | 88.12 3.07 0.28 | 77.83 2.41 0.01 | 61.15 1.90 0.01 | 53.04 1.89 0.01 | 47.17 1.90 0.00 | 45.61 2.34 0.00 |
| HOLTSVILLE_IC_4 23693 | 45.36 2.73 0.00 | 43.59 2.15 0.00 | 42.09 1.97 0.00 | 41.49 1.86 0.00 | 42.22 2.01 0.00 | 45.55 1.92 0.00 | 56.64 0.31 6.11 | 57.00 1.15 33.16 | 57.77 1.23 20.55 | 53.35 1.61 0.02 | 48.65 3.18 0.00 | 47.85 3.58 0.00 | 46.73 3.62 -0.06 | 46.25 3.77 -0.08 | 46.71 3.89 -0.06 | 48.73 3.73 -0.06 | 55.57 2.24 0.05 | 69.04 1.88 0.01 | 88.12 3.07 0.28 | 77.83 2.41 0.01 | 61.15 1.90 0.01 | 53.04 1.89 0.01 | 47.17 1.90 0.00 | 45.61 2.34 0.00 |
| HOLTSVILLE_IC_5 23694 | 45.36 2.73 0.00 | 43.59 2.15 0.00 | 42.09 1.97 0.00 | 41.49 1.86 0.00 | 42.22 2.01 0.00 | 45.55 1.92 0.00 | 56.64 0.31 6.11 | 57.00 1.15 33.16 | 57.77 1.23 20.55 | 53.35 1.61 0.02 | 48.65 3.18 0.00 | 47.85 3.58 0.00 | 46.73 3.62 -0.06 | 46.25 3.77 -0.08 | 46.71 3.89 -0.06 | 48.73 3.73 -0.06 | 55.57 2.24 0.05 | 69.04 1.88 0.01 | 88.12 3.07 0.28 | 77.83 2.41 0.01 | 61.15 1.90 0.01 | 53.04 1.89 0.01 | 47.17 1.90 0.00 | 45.61 2.34 0.00 |
| HOLTSVILLE_IC_6 23695 | 45.53 2.90 0.00 | 43.79 2.36 0.00 | 42.24 2.12 0.00 | 41.64 2.02 0.00 | 42.38 2.17 0.00 | 45.73 2.09 0.00 | 56.96 0.56 6.03 | 57.69 1.42 32.74 | 58.26 1.46 20.29 | 53.60 1.86 0.02 | 48.88 3.41 0.00 | 48.03 3.76 0.00 | 46.91 3.79 -0.07 | 46.44 3.94 -0.10 | 46.90 4.06 -0.07 | 48.92 3.91 -0.07 | 55.84 2.51 0.05 | 69.38 2.21 0.01 | 88.63 3.58 0.28 | 78.28 2.87 0.01 | 61.45 2.19 0.01 | 53.29 2.15 0.01 | 47.40 2.13 0.00 | 45.82 2.55 0.00 |
| HOLTSVILLE_IC_7 23696 | 45.53 2.90 0.00 | 43.79 2.36 0.00 | 42.24 2.12 0.00 | 41.64 2.02 0.00 | 42.38 2.17 0.00 | 45.73 2.09 0.00 | 56.96 0.56 6.03 | 57.69 1.42 32.74 | 58.26 1.46 20.29 | 53.60 1.86 0.02 | 48.88 3.41 0.00 | 48.03 3.76 0.00 | 46.91 3.79 -0.07 | 46.44 3.94 -0.10 | 46.90 4.06 -0.07 | 48.92 3.91 -0.07 | 55.84 2.51 0.05 | 69.38 2.21 0.01 | 88.63 3.58 0.28 | 78.28 2.87 0.01 | 61.45 2.19 0.01 | 53.29 2.15 0.01 | 47.40 2.13 0.00 | 45.82 2.55 0.00 |
| HOLTSVILLE_IC_8 23697 | 45.53 2.90 0.00 | 43.79 2.36 0.00 | 42.24 2.12 0.00 | 41.64 2.02 0.00 | 42.38 2.17 0.00 | 45.73 2.09 0.00 | 56.96 0.56 6.03 | 57.69 1.42 32.74 | 58.26 1.46 20.29 | 53.60 1.86 0.02 | 48.88 3.41 0.00 | 48.03 3.76 0.00 | 46.91 3.79 -0.07 | 46.44 3.94 -0.10 | 46.90 4.06 -0.07 | 48.92 3.91 -0.07 | 55.84 2.51 0.05 | 69.38 2.21 0.01 | 88.63 3.58 0.28 | 78.28 2.87 0.01 | 61.45 2.19 0.01 | 53.29 2.15 0.01 | 47.40 2.13 0.00 | 45.82 2.55 0.00 |
| HOLTSVILLE_IC_9 23698 | 45.53 2.90 0.00 | 43.79 2.36 0.00 | 42.24 2.12 0.00 | 41.64 2.02 0.00 | 42.38 2.17 0.00 | 45.73 2.09 0.00 | 56.96 0.56 6.03 | 57.69 1.42 32.74 | 58.26 1.46 20.29 | 53.60 1.86 0.02 | 48.88 3.41 0.00 | 48.03 3.76 0.00 | 46.91 3.79 -0.07 | 46.44 3.94 -0.10 | 46.90 4.06 -0.07 | 48.92 3.91 -0.07 | 55.84 2.51 0.05 | 69.38 2.21 0.01 | 88.63 3.58 0.28 | 78.28 2.87 0.01 | 61.45 2.19 0.01 | 53.29 2.15 0.01 | 47.40 2.13 0.00 | 45.82 2.55 0.00 |
| HOMER_HL_115KV_TB2 355744 | 39.98 -2.64 0.00 | 38.61 -2.82 0.00 | 37.91 -2.21 0.00 | 37.29 -2.34 0.00 | 37.76 -2.45 0.00 | 41.63 -2.01 0.00 | 58.31 -4.12 0.00 | 83.55 -5.43 0.03 | 71.67 -5.40 0.03 | 47.45 -4.30 0.01 | 42.53 -2.91 0.03 | 41.45 -2.79 0.03 | 40.44 -2.58 0.03 | 39.52 -2.84 0.03 | 39.99 -2.74 0.03 | 41.46 -3.46 0.02 | 50.47 -2.83 0.09 | 63.12 -4.03 0.02 | 79.36 -4.78 1.19 | 70.04 -5.36 0.02 | 56.35 -2.67 0.24 | 47.35 -2.56 1.24 | 43.26 -1.99 0.02 | 40.11 -3.16 0.00 |
| HOWARD_WT_PWR 323690 | 40.71 -1.92 0.00 | 39.44 -1.99 0.00 | 38.71 -1.41 0.00 | 38.35 -1.27 0.00 | 38.80 -1.41 0.00 | 42.71 -0.92 0.00 | 59.93 -2.50 0.00 | 85.37 -3.56 0.07 | 73.93 -3.09 0.07 | 49.25 -2.48 0.02 | 42.39 -3.00 0.07 | 41.09 -3.10 0.07 | 39.96 -3.01 0.07 | 39.52 -2.80 0.08 | 39.82 -2.86 0.08 | 41.65 -3.24 0.06 | 49.50 -3.63 0.25 | 62.95 -4.16 0.06 | 78.92 -5.21 1.20 | 70.99 -4.38 0.06 | 56.25 -3.62 -0.60 | 51.53 -3.53 -3.91 | 42.23 -2.99 0.06 | 40.98 -2.29 0.00 |
| HQ_GEN_CEDARS 23644 | 43.52 0.90 0.00 | 42.43 0.99 0.00 | 41.08 0.96 0.00 | 40.58 0.95 0.00 | 41.18 0.97 0.00 | 44.85 1.22 0.00 | 64.37 1.94 0.00 | 91.86 2.85 0.00 | 79.33 2.24 0.00 | 53.21 1.45 0.00 | 46.56 1.09 0.00 | 45.33 1.06 0.00 | 43.95 0.90 0.00 | 43.24 0.85 0.00 | 43.53 0.77 0.00 | 45.84 0.90 0.00 | 54.61 1.23 0.00 | 68.72 1.54 0.00 | 87.04 1.71 0.00 | 77.16 1.73 0.00 | 60.56 1.30 0.00 | 52.33 1.18 0.00 | 46.45 1.18 0.00 | 44.53 1.25 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 43.52 0.90 0.00 | 42.42 0.99 0.00 | 41.08 0.96 0.00 | 40.57 0.95 0.00 | 41.18 0.96 0.00 | 44.85 1.22 0.00 | 64.25 1.81 0.00 | 91.68 2.67 0.00 | 79.09 2.00 0.00 | 53.10 1.34 0.00 | 46.47 1.00 0.00 | 45.24 0.97 0.00 | 43.87 0.82 0.00 | 43.16 0.76 0.00 | 43.44 0.68 0.00 | 45.80 0.85 0.00 | 54.51 1.12 0.00 | 68.45 1.27 0.00 | 86.69 1.36 0.00 | 76.85 1.43 0.00 | 60.45 1.18 0.00 | 52.33 1.18 0.00 | 46.54 1.27 0.00 | 44.53 1.26 0.00 |

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| HQ_GEN_IMPORT 323601 | 42.80 0.17 0.00 | 41.64 0.21 0.00 | 40.32 0.20 0.00 | 39.82 0.20 0.00 | 40.42 0.20 0.00 | 43.94 0.31 0.00 | 62.93 0.50 0.00 | 89.72 0.71 0.00 | 77.63 0.54 0.00 | 52.17 0.41 0.00 | 45.74 0.27 0.00 | 44.53 0.27 0.00 | 43.27 0.22 0.00 | 42.61 0.21 0.00 | 42.93 0.17 0.00 | 45.17 0.23 0.00 | 53.71 0.32 0.00 | 67.51 0.34 0.00 | 85.59 0.26 0.00 | 75.73 0.30 0.00 | 59.50 0.24 0.00 | 51.46 0.31 0.00 | 45.64 0.36 0.00 | 43.62 0.34 0.00 |
| HQ_GEN_WHEEL 23651 | 42.80 0.17 0.00 | 41.64 0.21 0.00 | 40.32 0.20 0.00 | 39.82 0.20 0.00 | 40.42 0.20 0.00 | 43.94 0.31 0.00 | 62.93 0.50 0.00 | 89.72 0.71 0.00 | 77.63 0.54 0.00 | 52.17 0.41 0.00 | 45.74 0.27 0.00 | 44.53 0.27 0.00 | 43.27 0.22 0.00 | 42.61 0.21 0.00 | 42.93 0.17 0.00 | 45.17 0.23 0.00 | 53.71 0.32 0.00 | 67.51 0.34 0.00 | 85.59 0.26 0.00 | 75.73 0.30 0.00 | 59.50 0.24 0.00 | 51.46 0.31 0.00 | 45.64 0.36 0.00 | 43.62 0.34 0.00 |
| HUDSON AVE_GT_3 23810 | 45.52 2.90 0.00 | 43.96 2.53 0.00 | 42.37 2.25 0.00 | 41.88 2.26 0.00 | 42.51 2.29 0.00 | 45.99 2.36 0.00 | 65.06 2.62 0.00 | 93.64 4.63 0.00 | 81.33 4.24 0.00 | 55.33 3.57 0.00 | 49.33 3.86 0.00 | 48.03 3.76 0.00 | 46.93 3.87 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.94 4.00 0.00 | 57.66 4.27 -0.01 | 71.61 4.43 0.00 | 91.12 6.06 0.28 | 80.40 4.98 0.00 | 63.17 3.91 0.00 | 54.73 3.58 0.00 | 48.72 3.44 0.00 | 46.13 2.86 0.00 |
| HUDSON AVE_GT_4 23540 | 45.52 2.90 0.00 | 43.96 2.53 0.00 | 42.37 2.25 0.00 | 41.88 2.26 0.00 | 42.51 2.29 0.00 | 45.99 2.36 0.00 | 65.06 2.62 0.00 | 93.64 4.63 0.00 | 81.33 4.24 0.00 | 55.33 3.57 0.00 | 49.33 3.86 0.00 | 48.03 3.76 0.00 | 46.93 3.87 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.94 4.00 0.00 | 57.66 4.27 -0.01 | 71.61 4.43 0.00 | 91.12 6.06 0.28 | 80.40 4.98 0.00 | 63.17 3.91 0.00 | 54.73 3.58 0.00 | 48.72 3.44 0.00 | 46.13 2.86 0.00 |
| HUDSON AVE_GT_5 23657 | 45.52 2.90 0.00 | 43.96 2.53 0.00 | 42.37 2.25 0.00 | 41.88 2.26 0.00 | 42.51 2.29 0.00 | 45.99 2.36 0.00 | 65.06 2.62 0.00 | 93.64 4.63 0.00 | 81.33 4.24 0.00 | 55.33 3.57 0.00 | 49.33 3.86 0.00 | 48.03 3.76 0.00 | 46.93 3.87 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.94 4.00 0.00 | 57.66 4.27 -0.01 | 71.61 4.43 0.00 | 91.12 6.06 0.28 | 80.40 4.98 0.00 | 63.17 3.91 0.00 | 54.73 3.58 0.00 | 48.72 3.44 0.00 | 46.13 2.86 0.00 |
| HUDSON_AVE_10 24168 | 45.40 2.77 0.00 | 43.84 2.40 0.00 | 42.29 2.17 0.00 | 41.76 2.14 0.00 | 42.38 2.17 0.00 | 45.86 2.23 0.00 | 64.87 2.43 0.00 | 93.37 4.36 0.00 | 81.10 4.01 0.00 | 55.23 3.47 0.00 | 49.24 3.77 0.00 | 47.94 3.67 0.00 | 46.80 3.75 0.00 | 46.13 3.73 0.00 | 46.65 3.89 0.00 | 48.85 3.91 0.00 | 57.56 4.16 -0.01 | 71.41 4.23 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.63 3.48 0.00 | 48.63 3.35 0.00 | 46.04 2.77 0.00 |
| HUDSON___115KV_TB 4 355613 | 43.65 1.02 0.00 | 42.43 0.99 0.00 | 41.04 0.92 0.00 | 40.62 0.99 0.00 | 41.14 0.92 0.00 | 44.42 0.79 0.00 | 63.81 1.37 0.00 | 90.70 1.69 0.00 | 78.32 1.23 0.00 | 52.38 0.62 0.00 | 46.10 0.64 0.00 | 44.84 0.58 0.00 | 43.65 0.60 0.00 | 42.90 0.51 0.00 | 43.45 0.68 0.00 | 45.66 0.72 0.00 | 54.50 1.12 0.00 | 68.92 1.75 0.00 | 87.59 2.47 0.22 | 77.16 1.73 0.00 | 60.86 1.60 0.00 | 52.53 1.38 0.00 | 46.36 1.09 0.00 | 44.09 0.82 0.00 |
| HUNTER MOUNT___DRP 323613 | 43.73 1.11 0.00 | 42.47 1.04 0.00 | 41.12 1.00 0.00 | 40.69 1.07 0.00 | 41.22 1.01 0.00 | 44.46 0.83 0.00 | 63.99 1.56 0.00 | 91.06 2.05 0.00 | 78.48 1.39 0.00 | 52.28 0.52 0.00 | 45.97 0.50 0.00 | 44.71 0.44 0.00 | 43.48 0.43 0.00 | 42.74 0.34 0.00 | 43.28 0.51 0.00 | 45.53 0.58 0.00 | 54.40 1.01 0.00 | 68.99 1.81 0.00 | 87.76 2.65 0.22 | 77.31 1.89 0.00 | 60.98 1.72 0.00 | 52.59 1.43 0.00 | 46.41 1.13 0.00 | 44.09 0.82 0.00 |
| HUNTINGTON_RES_REC 323705 | 45.31 2.69 0.00 | 43.54 2.11 0.00 | 42.05 1.93 0.00 | 41.45 1.82 0.00 | 42.14 1.93 0.00 | 45.46 1.83 0.00 | 56.82 0.38 5.99 | 57.80 1.34 32.54 | 58.32 1.39 20.16 | 53.30 1.55 0.01 | 48.65 3.18 0.00 | 47.85 3.58 -0.01 | 46.78 3.66 -0.07 | 46.27 3.77 -0.10 | 46.73 3.89 -0.08 | 48.70 3.69 -0.07 | 55.62 2.29 0.05 | 69.18 2.01 0.01 | 88.29 3.24 0.28 | 77.98 2.57 0.01 | 61.21 1.95 0.01 | 53.04 1.89 0.01 | 47.13 1.86 0.00 | 45.52 2.25 0.00 |
| HUNTLEY___63 23557 | 40.15 -2.47 0.00 | 38.99 -2.44 0.00 | 38.11 -2.01 0.00 | 37.33 -2.30 0.00 | 37.84 -2.37 0.00 | 41.58 -2.05 0.00 | 57.38 -5.06 0.00 | 81.24 -7.74 0.02 | 70.90 -6.17 0.02 | 46.99 -4.76 0.01 | 40.90 -4.55 0.02 | 39.90 -4.34 0.02 | 38.81 -4.22 0.02 | 38.34 -4.03 0.03 | 38.55 -4.19 0.03 | 40.43 -4.49 0.02 | 47.18 -6.14 0.06 | 60.03 -7.12 0.02 | 74.92 -9.22 1.20 | 67.94 -7.47 0.02 | 52.55 -6.52 0.20 | 44.05 -5.98 1.12 | 40.50 -4.75 0.02 | 39.98 -3.29 0.00 |
| HUNTLEY___64 23558 | 40.15 -2.47 0.00 | 38.99 -2.44 0.00 | 38.11 -2.01 0.00 | 37.33 -2.30 0.00 | 37.84 -2.37 0.00 | 41.58 -2.05 0.00 | 57.38 -5.06 0.00 | 81.24 -7.74 0.02 | 70.90 -6.17 0.02 | 46.99 -4.76 0.01 | 40.90 -4.55 0.02 | 39.90 -4.34 0.02 | 38.81 -4.22 0.02 | 38.34 -4.03 0.03 | 38.55 -4.19 0.03 | 40.43 -4.49 0.02 | 47.18 -6.14 0.06 | 60.03 -7.12 0.02 | 74.92 -9.22 1.20 | 67.94 -7.47 0.02 | 52.55 -6.52 0.20 | 44.05 -5.98 1.12 | 40.50 -4.75 0.02 | 39.98 -3.29 0.00 |
| HUNTLEY___65 23559 | 40.15 -2.47 0.00 | 38.99 -2.44 0.00 | 38.11 -2.01 0.00 | 37.33 -2.30 0.00 | 37.84 -2.37 0.00 | 41.58 -2.05 0.00 | 57.38 -5.06 0.00 | 81.24 -7.74 0.02 | 70.90 -6.17 0.02 | 46.99 -4.76 0.01 | 40.90 -4.55 0.02 | 39.90 -4.34 0.02 | 38.81 -4.22 0.02 | 38.34 -4.03 0.03 | 38.55 -4.19 0.03 | 40.43 -4.49 0.02 | 47.18 -6.14 0.06 | 60.03 -7.12 0.02 | 74.92 -9.22 1.20 | 67.94 -7.47 0.02 | 52.55 -6.52 0.20 | 44.05 -5.98 1.12 | 40.50 -4.75 0.02 | 39.98 -3.29 0.00 |
| HUNTLEY___66 23560 | 40.15 -2.47 0.00 | 38.99 -2.44 0.00 | 38.11 -2.01 0.00 | 37.33 -2.30 0.00 | 37.84 -2.37 0.00 | 41.58 -2.05 0.00 | 57.38 -5.06 0.00 | 81.24 -7.74 0.02 | 70.90 -6.17 0.02 | 46.99 -4.76 0.01 | 40.90 -4.55 0.02 | 39.90 -4.34 0.02 | 38.81 -4.22 0.02 | 38.34 -4.03 0.03 | 38.55 -4.19 0.03 | 40.43 -4.49 0.02 | 47.18 -6.14 0.06 | 60.03 -7.12 0.02 | 74.92 -9.22 1.20 | 67.94 -7.47 0.02 | 52.55 -6.52 0.20 | 44.05 -5.98 1.12 | 40.50 -4.75 0.02 | 39.98 -3.29 0.00 |
| HUNTLEY___67 23561 | 39.98 -2.64 0.00 | 38.70 -2.73 0.00 | 37.91 -2.21 0.00 | 37.17 -2.46 0.00 | 37.68 -2.53 0.00 | 41.41 -2.23 0.00 | 57.19 -5.24 0.00 | 81.06 -7.92 0.02 | 70.67 -6.40 0.02 | 46.89 -4.87 0.01 | 40.85 -4.59 0.02 | 39.86 -4.38 0.02 | 38.76 -4.26 0.02 | 38.30 -4.07 0.03 | 38.54 -4.19 0.03 | 40.38 -4.54 0.02 | 47.16 -6.14 0.09 | 60.03 -7.12 0.02 | 74.92 -9.22 1.20 | 67.78 -7.62 0.02 | 52.44 -6.58 0.24 | 43.94 -5.98 1.23 | 40.50 -4.75 0.02 | 39.81 -3.46 0.00 |
| HUNTLEY___68 23562 | 39.98 -2.64 0.00 | 38.70 -2.73 0.00 | 37.91 -2.21 0.00 | 37.17 -2.46 0.00 | 37.68 -2.53 0.00 | 41.41 -2.23 0.00 | 57.19 -5.24 0.00 | 81.06 -7.92 0.02 | 70.67 -6.40 0.02 | 46.89 -4.87 0.01 | 40.85 -4.59 0.02 | 39.86 -4.38 0.02 | 38.76 -4.26 0.02 | 38.30 -4.07 0.03 | 38.54 -4.19 0.03 | 40.38 -4.54 0.02 | 47.16 -6.14 0.09 | 60.03 -7.12 0.02 | 74.92 -9.22 1.20 | 67.78 -7.62 0.02 | 52.44 -6.58 0.24 | 43.94 -5.98 1.23 | 40.50 -4.75 0.02 | 39.81 -3.46 0.00 |

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| HYLAND___LFGE 323620 | 42.67 0.04 0.00 | 41.31 -0.12 0.00 | 40.32 0.20 0.00 | 40.02 0.40 0.00 | 40.50 0.28 0.00 | 44.37 0.74 0.00 | 62.99 0.56 0.00 | 92.96 4.01 0.05 | 79.58 2.54 0.05 | 51.84 0.10 0.02 | 43.82 -1.59 0.06 | 42.17 -2.04 0.06 | 40.97 -2.02 0.06 | 40.41 -1.95 0.04 | 40.84 -1.88 0.04 | 43.16 -1.75 0.03 | 51.16 -2.08 0.14 | 66.34 -0.80 0.03 | 83.88 -0.26 1.19 | 75.62 0.23 0.03 | 59.38 -0.53 -0.66 | 54.19 -0.97 -4.01 | 44.97 -0.27 0.03 | 43.31 0.04 0.00 |
| INDECK___CORINTH 23802 | 43.73 1.11 0.00 | 42.47 1.04 0.00 | 41.08 0.96 0.00 | 40.62 0.99 0.00 | 41.18 0.96 0.00 | 44.50 0.87 0.00 | 63.93 1.50 0.00 | 90.61 1.60 0.00 | 78.48 1.39 0.00 | 52.28 0.52 0.00 | 45.97 0.50 0.00 | 44.62 0.35 0.00 | 43.35 0.30 0.00 | 42.65 0.26 0.00 | 43.10 0.34 0.00 | 45.44 0.50 0.00 | 54.24 0.85 0.00 | 68.78 1.61 0.00 | 87.26 2.13 0.20 | 76.70 1.28 0.00 | 60.68 1.42 0.00 | 52.23 1.08 0.00 | 46.18 0.91 0.00 | 44.05 0.78 0.00 |
| INDECK___ILION 23567 | 43.39 0.77 0.00 | 42.18 0.75 0.00 | 40.84 0.72 0.00 | 40.34 0.71 0.00 | 40.98 0.76 0.00 | 44.46 0.83 0.00 | 63.56 1.12 0.00 | 90.70 1.69 0.00 | 78.48 1.39 0.00 | 52.64 0.88 0.00 | 46.29 0.82 0.00 | 45.06 0.80 0.00 | 43.78 0.73 0.00 | 43.16 0.76 0.00 | 43.49 0.73 0.00 | 45.75 0.81 0.00 | 54.45 1.07 0.00 | 68.38 1.21 0.00 | 86.95 1.62 0.00 | 76.78 1.36 0.00 | 60.27 1.01 0.00 | 52.02 0.87 0.00 | 45.96 0.68 0.00 | 43.83 0.56 0.00 |
| INDECK___OLEAN 23982 | 39.94 -2.68 0.00 | 38.66 -2.78 0.00 | 37.95 -2.17 0.00 | 37.61 -2.02 0.00 | 37.88 -2.33 0.00 | 41.63 -2.01 0.00 | 58.44 -4.00 0.00 | 82.75 -6.23 0.03 | 71.51 -5.55 0.03 | 47.92 -3.83 0.01 | 42.39 -3.05 0.03 | 41.22 -3.01 0.03 | 39.41 -3.62 0.03 | 39.23 -3.14 0.03 | 39.65 -3.08 0.03 | 40.60 -4.31 0.03 | 50.51 -2.78 0.10 | 61.71 -5.44 0.03 | 76.88 -7.25 1.20 | 69.29 -6.11 0.03 | 56.29 -2.73 0.24 | 47.34 -2.56 1.26 | 41.31 -3.94 0.03 | 40.46 -2.81 0.00 |
| INDECK___OSWEGO 23783 | 41.60 -1.02 0.00 | 40.40 -1.03 0.00 | 39.16 -0.96 0.00 | 38.64 -0.99 0.00 | 39.25 -0.97 0.00 | 42.63 -1.00 0.00 | 61.00 -1.43 0.00 | 86.87 -7.57 0.00 | 75.32 -1.77 0.00 | 50.41 -1.35 0.00 | 44.15 -1.32 0.00 | 42.94 -1.33 0.00 | 41.80 -1.25 0.00 | 41.17 -1.23 0.00 | 41.48 -1.28 0.00 | 43.64 -1.30 0.00 | 51.78 -1.60 0.00 | 65.43 -1.75 0.00 | 84.06 -2.13 -0.86 | 73.69 -1.73 0.00 | 57.84 -1.42 0.00 | 49.82 -1.33 0.00 | 44.15 -1.13 0.00 | 42.19 -1.08 0.00 |
| INDECK___YERKES 23781 | 40.15 -2.47 0.00 | 38.90 -2.53 0.00 | 38.19 -1.93 0.00 | 37.76 -1.86 0.00 | 38.04 -2.17 0.00 | 41.63 -2.01 0.00 | 57.50 -4.93 0.00 | 81.42 -7.57 0.02 | 71.21 -5.86 0.02 | 47.82 -3.94 0.01 | 40.94 -4.50 0.02 | 39.95 -4.29 0.02 | 39.11 -3.92 0.02 | 38.43 -3.94 0.03 | 38.63 -4.11 0.03 | 40.74 -4.18 0.02 | 47.23 -6.09 0.07 | 60.70 -6.45 0.02 | 75.77 -8.36 1.20 | 68.23 -7.17 0.02 | 52.66 -6.40 0.19 | 44.10 -5.93 1.12 | 41.81 -3.44 0.02 | 40.50 -2.77 0.00 |
| INDIAN POINT_GT_1 24139 | 45.01 2.39 0.00 | 43.55 2.11 0.00 | 42.05 1.93 0.00 | 41.53 1.90 0.00 | 42.14 1.93 0.00 | 45.55 1.92 0.00 | 64.49 2.06 0.00 | 92.84 3.83 0.00 | 80.56 3.47 0.00 | 54.66 2.90 0.00 | 48.70 3.23 0.00 | 47.41 3.14 0.00 | 46.24 3.19 0.00 | 45.58 3.18 0.00 | 46.06 3.29 0.00 | 48.22 3.28 0.00 | 56.86 3.47 0.00 | 70.87 3.69 0.00 | 90.17 5.12 0.28 | 79.65 4.22 0.00 | 62.46 3.20 0.00 | 54.12 2.97 0.00 | 48.13 2.85 0.00 | 45.61 2.34 0.00 |
| INDIAN POINT_GT_2 23659 | 45.01 2.39 0.00 | 43.55 2.11 0.00 | 42.05 1.93 0.00 | 41.53 1.90 0.00 | 42.14 1.93 0.00 | 45.55 1.92 0.00 | 64.49 2.06 0.00 | 92.84 3.83 0.00 | 80.56 3.47 0.00 | 54.66 2.90 0.00 | 48.70 3.23 0.00 | 47.41 3.14 0.00 | 46.24 3.19 0.00 | 45.58 3.18 0.00 | 46.06 3.29 0.00 | 48.22 3.28 0.00 | 56.86 3.47 0.00 | 70.87 3.69 0.00 | 90.17 5.12 0.28 | 79.65 4.22 0.00 | 62.46 3.20 0.00 | 54.12 2.97 0.00 | 48.13 2.85 0.00 | 45.61 2.34 0.00 |
| INDIAN POINT_GT_3 24019 | 45.01 2.39 0.00 | 43.55 2.11 0.00 | 42.05 1.93 0.00 | 41.53 1.90 0.00 | 42.14 1.93 0.00 | 45.55 1.92 0.00 | 64.49 2.06 0.00 | 92.84 3.83 0.00 | 80.56 3.47 0.00 | 54.66 2.90 0.00 | 48.70 3.23 0.00 | 47.41 3.14 0.00 | 46.24 3.19 0.00 | 45.58 3.18 0.00 | 46.06 3.29 0.00 | 48.22 3.28 0.00 | 56.86 3.47 0.00 | 70.87 3.69 0.00 | 90.17 5.12 0.28 | 79.65 4.22 0.00 | 62.46 3.20 0.00 | 54.12 2.97 0.00 | 48.13 2.85 0.00 | 45.61 2.34 0.00 |
| INDIAN POINT___2 23530 | 45.01 2.39 0.00 | 43.50 2.07 0.00 | 42.01 1.89 0.00 | 41.53 1.90 0.00 | 42.10 1.89 0.00 | 45.55 1.92 0.00 | 64.62 2.18 0.00 | 92.92 3.91 0.00 | 80.56 3.47 0.00 | 54.60 2.84 0.00 | 48.65 3.18 0.00 | 47.45 3.19 0.00 | 46.19 3.14 0.00 | 45.62 3.22 0.00 | 46.10 3.34 0.00 | 48.18 3.24 0.00 | 56.85 3.47 0.00 | 70.80 3.62 0.00 | 90.17 5.12 0.28 | 79.64 4.22 0.00 | 62.52 3.26 0.00 | 54.07 2.91 0.00 | 47.72 2.44 0.00 | 45.48 2.21 0.00 |
| INDIAN POINT___3 23531 | 45.01 2.39 0.00 | 43.55 2.11 0.00 | 42.01 1.89 0.00 | 41.53 1.90 0.00 | 42.14 1.93 0.00 | 45.55 1.92 0.00 | 64.49 2.06 0.00 | 92.84 3.83 0.00 | 80.48 3.39 0.00 | 54.66 2.90 0.00 | 48.65 3.18 0.00 | 47.36 3.10 0.00 | 46.24 3.19 0.00 | 45.58 3.18 0.00 | 46.06 3.29 0.00 | 48.22 3.28 0.00 | 56.80 3.42 0.00 | 70.80 3.63 0.00 | 90.09 5.03 0.28 | 79.57 4.15 0.00 | 62.46 3.20 0.00 | 54.12 2.97 0.00 | 48.13 2.85 0.00 | 45.65 2.38 0.00 |
| INGHAM_C_115KV_TB7 356103 | 44.20 1.58 0.00 | 43.05 1.62 0.00 | 41.68 1.56 0.00 | 41.17 1.55 0.00 | 41.86 1.65 0.00 | 45.42 1.79 0.00 | 64.93 2.50 0.00 | 92.66 3.65 0.00 | 80.10 3.01 0.00 | 53.67 1.92 0.00 | 47.24 1.77 0.00 | 45.95 1.68 0.00 | 44.64 1.59 0.00 | 44.01 1.61 0.00 | 44.34 1.58 0.00 | 46.70 1.75 0.00 | 55.52 2.14 0.00 | 69.73 2.55 0.00 | 88.66 3.33 0.00 | 78.29 2.87 0.00 | 61.39 2.13 0.00 | 52.89 1.74 0.00 | 46.73 1.45 0.00 | 44.57 1.30 0.00 |
| IP CORINTH___1 23988 | 43.95 1.32 0.00 | 42.67 1.24 0.00 | 41.28 1.16 0.00 | 40.81 1.19 0.00 | 41.38 1.17 0.00 | 44.72 1.09 0.00 | 64.24 1.81 0.00 | 91.06 2.05 0.00 | 78.86 1.77 0.00 | 52.59 0.83 0.00 | 46.15 0.68 0.00 | 44.80 0.53 0.00 | 43.57 0.52 0.00 | 42.82 0.42 0.00 | 43.32 0.56 0.00 | 45.66 0.72 0.00 | 54.45 1.07 0.00 | 69.12 1.95 0.00 | 87.77 2.65 0.21 | 77.01 1.58 0.00 | 60.92 1.66 0.00 | 52.53 1.38 0.00 | 46.59 1.31 0.00 | 44.31 1.04 0.00 |
| IP___TICONDEROGA 23804 | 45.52 2.90 0.00 | 44.21 2.78 0.00 | 42.77 2.65 0.00 | 42.32 2.69 0.00 | 42.87 2.65 0.00 | 46.51 2.88 0.00 | 67.05 4.62 0.00 | 94.88 5.87 0.00 | 82.02 4.93 0.00 | 54.30 2.54 0.00 | 47.38 1.91 0.00 | 45.86 1.59 0.00 | 44.51 1.46 0.00 | 43.75 1.36 0.00 | 44.26 1.50 0.00 | 46.83 1.89 0.00 | 56.05 2.67 0.00 | 71.74 4.57 0.00 | 91.19 6.06 0.21 | 79.80 4.37 0.00 | 63.29 4.03 0.00 | 54.43 3.27 0.00 | 48.13 2.85 0.00 | 45.74 2.47 0.00 |
| ISLIP_RES_REC 323679 | 45.70 3.07 0.00 | 43.92 2.49 0.00 | 42.41 2.29 0.00 | 41.80 2.18 0.00 | 42.54 2.33 0.00 | 45.90 2.27 0.00 | 57.21 0.75 5.98 | 58.33 1.78 32.46 | 58.75 1.77 20.11 | 53.82 2.07 0.01 | 49.10 3.64 0.00 | 48.17 3.90 -0.01 | 47.08 3.96 -0.08 | 46.57 4.07 -0.10 | 47.08 4.23 -0.08 | 49.10 4.09 -0.07 | 56.10 2.77 0.05 | 69.72 2.55 0.01 | 89.06 4.01 0.28 | 78.66 3.24 0.01 | 61.74 2.49 0.01 | 53.55 2.40 0.01 | 47.58 2.31 0.00 | 46.00 2.73 0.00 |

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| JAMAICA__27_KV_LOAD 355505 | 45.52 2.90 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.42 2.21 0.00 | 45.99 2.36 0.00 | 64.93 2.50 0.00 | 93.55 4.54 0.00 | 81.25 4.16 0.00 | 55.43 3.67 0.00 | 49.38 3.91 0.00 | 48.07 3.81 0.00 | 46.93 3.87 0.00 | 46.25 3.86 0.00 | 46.78 4.02 0.00 | 48.99 4.04 0.00 | 57.77 4.38 -0.01 | 71.54 4.37 0.00 | 91.03 5.97 0.28 | 80.33 4.90 0.00 | 63.11 3.85 0.00 | 54.79 3.63 0.00 | 48.81 3.53 0.00 | 46.21 2.94 0.00 |
| JANIS__SOLAR 323808 | 43.95 1.32 0.00 | 42.72 1.29 0.00 | 41.40 1.28 0.00 | 40.85 1.23 0.00 | 41.58 1.37 0.00 | 45.29 1.66 0.00 | 65.06 2.62 0.00 | 93.80 4.71 -0.08 | 80.72 3.55 -0.08 | 53.08 1.29 -0.02 | 46.13 0.59 -0.07 | 44.60 0.27 -0.07 | 43.30 0.17 -0.07 | 42.78 0.30 -0.08 | 43.10 0.26 -0.08 | 45.44 0.45 -0.05 | 54.76 1.17 -0.20 | 69.10 1.88 -0.05 | 87.46 3.16 1.03 | 78.71 3.24 -0.05 | 61.68 2.31 -0.11 | 53.07 1.69 -0.23 | 46.55 1.22 -0.05 | 44.44 1.17 0.00 |
| JARVIS____ 23743 | 42.80 0.17 0.00 | 41.60 0.17 0.00 | 40.24 0.12 0.00 | 39.74 0.12 0.00 | 40.33 0.12 0.00 | 43.72 0.09 0.00 | 62.56 0.13 0.00 | 89.19 0.18 0.00 | 77.32 0.23 0.00 | 51.86 0.10 0.00 | 45.61 0.14 0.00 | 44.40 0.13 0.00 | 43.18 0.13 0.00 | 42.52 0.13 0.00 | 42.89 0.13 0.00 | 45.08 0.14 0.00 | 53.60 0.21 0.00 | 67.38 0.20 0.00 | 85.68 0.34 0.00 | 75.73 0.30 0.00 | 59.50 0.24 0.00 | 51.36 0.21 0.00 | 45.37 0.09 0.00 | 43.36 0.09 0.00 |
| JENNISON____1 23625 | 44.12 1.49 0.00 | 42.92 1.49 0.00 | 41.60 1.48 0.00 | 40.97 1.35 0.00 | 41.74 1.53 0.00 | 45.42 1.79 0.00 | 65.06 2.62 0.00 | 93.66 4.63 -0.02 | 80.73 3.62 -0.02 | 53.37 1.60 -0.01 | 46.76 1.27 -0.02 | 45.30 1.02 -0.02 | 43.93 0.86 -0.02 | 43.35 0.93 -0.02 | 43.60 0.81 -0.02 | 46.08 1.12 -0.01 | 55.26 1.82 -0.06 | 69.47 2.28 -0.01 | 87.99 3.58 0.92 | 78.98 3.54 -0.01 | 61.81 2.55 0.00 | 53.04 1.94 0.06 | 46.74 1.45 -0.01 | 44.48 1.21 0.00 |
| JENNISON____2 23626 | 44.12 1.49 0.00 | 42.92 1.49 0.00 | 41.60 1.48 0.00 | 40.97 1.35 0.00 | 41.74 1.53 0.00 | 45.42 1.79 0.00 | 65.06 2.62 0.00 | 93.66 4.63 -0.02 | 80.73 3.62 -0.02 | 53.37 1.60 -0.01 | 46.76 1.27 -0.02 | 45.30 1.02 -0.02 | 43.93 0.86 -0.02 | 43.35 0.93 -0.02 | 43.60 0.81 -0.02 | 46.08 1.12 -0.01 | 55.26 1.82 -0.06 | 69.47 2.28 -0.01 | 87.99 3.58 0.92 | 78.98 3.54 -0.01 | 61.81 2.55 0.00 | 53.04 1.94 0.06 | 46.74 1.45 -0.01 | 44.48 1.21 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 42.84 0.21 0.00 | 41.76 0.33 0.00 | 40.52 0.40 0.00 | 40.02 0.40 0.00 | 40.66 0.44 0.00 | 44.29 0.66 0.00 | 63.19 0.75 0.00 | 89.99 0.98 0.00 | 77.78 0.69 0.00 | 52.38 0.62 0.00 | 45.97 0.50 0.00 | 44.75 0.49 0.00 | 43.39 0.34 0.00 | 42.69 0.30 0.00 | 43.02 0.26 0.00 | 45.26 0.32 0.00 | 53.71 0.32 0.00 | 67.38 0.20 0.00 | 85.33 0.00 0.00 | 75.57 0.15 0.00 | 59.50 0.24 0.00 | 51.66 0.51 0.00 | 45.96 0.68 0.00 | 44.14 0.87 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 45.14 2.51 0.00 | 43.71 2.28 0.00 | 42.25 2.13 0.00 | 41.72 2.10 0.00 | 42.34 2.13 0.00 | 45.73 2.09 0.00 | 64.81 2.37 0.00 | 93.19 4.18 0.00 | 81.10 4.01 0.00 | 54.92 3.16 0.00 | 48.88 3.41 0.00 | 47.58 3.32 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.27 3.51 0.00 | 48.45 3.51 0.00 | 57.17 3.79 0.00 | 71.20 4.03 0.00 | 90.61 5.55 0.27 | 79.95 4.53 0.00 | 62.70 3.44 0.00 | 54.32 3.17 0.00 | 48.27 2.99 0.00 | 45.74 2.47 0.00 |
| KCE_NY_1 323755 | 44.25 1.62 0.00 | 42.97 1.53 0.00 | 41.56 1.44 0.00 | 41.09 1.47 0.00 | 41.62 1.41 0.00 | 45.07 1.44 0.00 | 64.74 2.31 0.00 | 91.77 2.76 0.00 | 79.48 2.39 0.00 | 53.16 1.40 0.00 | 46.74 1.27 0.00 | 45.41 1.15 0.00 | 44.17 1.12 0.00 | 43.46 1.06 0.00 | 43.92 1.16 0.00 | 46.25 1.30 0.00 | 55.25 1.87 0.00 | 69.79 2.62 0.00 | 88.54 3.42 0.20 | 77.91 2.49 0.00 | 61.57 2.31 0.00 | 53.10 1.94 0.00 | 46.77 1.49 0.00 | 44.61 1.34 0.00 |
| KCE_NY_6_ESR 323823 | 40.24 -2.39 0.00 | 38.99 -2.44 0.00 | 38.28 -1.84 0.00 | 37.88 -1.74 0.00 | 38.16 -2.05 0.00 | 41.80 -1.83 0.00 | 58.06 -4.37 0.00 | 82.21 -6.77 0.03 | 71.67 -5.40 0.03 | 48.13 -3.62 0.01 | 41.53 -3.91 0.03 | 40.48 -3.76 0.03 | 39.41 -3.62 0.03 | 38.85 -3.52 0.03 | 39.10 -3.63 0.03 | 40.92 -4.00 0.02 | 48.34 -4.96 0.09 | 61.30 -5.84 0.02 | 76.45 -7.68 1.20 | 68.84 -6.56 0.02 | 53.80 -5.22 0.25 | 44.97 -4.86 1.32 | 41.86 -3.40 0.02 | 40.63 -2.64 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 45.44 2.81 0.00 | 43.67 2.24 0.00 | 42.17 2.05 0.00 | 41.57 1.94 0.00 | 42.30 2.09 0.00 | 45.64 2.01 0.00 | 56.81 0.44 6.06 | 57.27 1.15 32.89 | 57.94 1.23 20.38 | 53.45 1.71 0.02 | 48.78 3.32 0.00 | 47.99 3.72 0.00 | 46.86 3.74 -0.06 | 46.34 3.86 -0.09 | 46.85 4.02 -0.07 | 48.87 3.87 -0.06 | 55.62 2.29 0.05 | 69.04 1.88 0.01 | 88.21 3.16 0.28 | 77.90 2.49 0.01 | 61.15 1.90 0.01 | 53.14 1.99 0.01 | 47.26 1.99 0.00 | 45.74 2.47 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 45.44 2.81 0.00 | 43.67 2.24 0.00 | 42.17 2.05 0.00 | 41.57 1.94 0.00 | 42.30 2.09 0.00 | 45.64 2.01 0.00 | 56.81 0.44 6.06 | 57.27 1.15 32.89 | 57.94 1.23 20.38 | 53.45 1.71 0.02 | 48.78 3.32 0.00 | 47.99 3.72 0.00 | 46.86 3.74 -0.06 | 46.34 3.86 -0.09 | 46.85 4.02 -0.07 | 48.87 3.87 -0.06 | 55.62 2.29 0.05 | 69.04 1.88 0.01 | 88.21 3.16 0.28 | 77.90 2.49 0.01 | 61.15 1.90 0.01 | 53.14 1.99 0.01 | 47.26 1.99 0.00 | 45.74 2.47 0.00 |
| KEDC_GLWD_GT4 24219 | 45.44 2.81 0.00 | 43.83 2.40 0.00 | 42.28 2.16 0.00 | 41.72 2.10 0.00 | 42.38 2.17 0.00 | 45.81 2.18 0.00 | 62.51 2.06 1.98 | 82.08 3.82 10.75 | 73.98 3.55 6.66 | 54.65 2.90 0.01 | 49.30 3.82 -0.01 | 48.26 3.94 -0.06 | 47.36 3.92 -0.39 | 46.87 3.94 -0.53 | 47.23 4.06 -0.41 | 49.32 4.00 -0.37 | 57.04 3.68 0.02 | 70.93 3.76 0.00 | 90.35 5.29 0.28 | 79.79 4.37 0.00 | 62.69 3.44 0.00 | 54.22 3.07 0.00 | 47.91 2.63 -0.01 | 45.82 2.55 0.00 |
| KEDC_GLWD_GT5 24220 | 45.44 2.81 0.00 | 43.83 2.40 0.00 | 42.28 2.16 0.00 | 41.72 2.10 0.00 | 42.38 2.17 0.00 | 45.81 2.18 0.00 | 62.51 2.06 1.98 | 82.08 3.82 10.75 | 73.98 3.55 6.66 | 54.65 2.90 0.01 | 49.30 3.82 -0.01 | 48.26 3.94 -0.06 | 47.36 3.92 -0.39 | 46.87 3.94 -0.53 | 47.23 4.06 -0.41 | 49.32 4.00 -0.37 | 57.04 3.68 0.02 | 70.93 3.76 0.00 | 90.35 5.29 0.28 | 79.79 4.37 0.00 | 62.69 3.44 0.00 | 54.22 3.07 0.00 | 47.91 2.63 -0.01 | 45.82 2.55 0.00 |
| KENSICO____ 23655 | 45.14 2.51 0.00 | 43.63 2.20 0.00 | 42.13 2.01 0.00 | 41.65 2.02 0.00 | 42.22 2.01 0.00 | 45.68 2.05 0.00 | 64.62 2.19 0.00 | 93.01 4.01 0.00 | 80.71 3.62 0.00 | 54.81 3.05 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.75 3.35 0.00 | 46.23 3.46 0.00 | 48.40 3.46 0.00 | 57.02 3.63 0.00 | 71.00 3.83 0.00 | 90.35 5.29 0.28 | 79.72 4.30 0.00 | 62.64 3.38 0.00 | 54.22 3.07 0.00 | 48.27 2.99 0.00 | 45.74 2.47 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 45.31 2.69 0.00 | 43.88 2.44 0.00 | 42.37 2.25 0.00 | 41.84 2.22 0.00 | 42.47 2.25 0.00 | 45.86 2.23 0.00 | 65.31 2.87 0.00 | 93.99 4.98 0.00 | 81.25 4.16 0.00 | 54.66 2.90 0.00 | 48.47 3.00 0.00 | 47.10 2.83 0.00 | 45.94 2.88 0.00 | 45.24 2.84 0.00 | 45.71 2.95 0.00 | 47.96 3.01 0.00 | 56.80 3.42 0.00 | 71.27 4.10 0.00 | 90.84 5.80 0.29 | 80.40 4.98 0.00 | 62.99 3.73 0.00 | 54.43 3.27 0.00 | 48.36 3.08 0.00 | 45.78 2.51 0.00 |

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| KIAC_JFK_GT1 23816 | 45.27 2.64 0.00 | 43.71 2.28 0.00 | 42.13 2.01 0.00 | 41.65 2.02 0.00 | 42.22 2.01 0.00 | 45.77 2.14 0.00 | 64.37 1.94 0.00 | 92.66 3.65 0.00 | 80.48 3.39 0.00 | 55.18 3.42 0.00 | 49.15 3.68 0.00 | 47.85 3.59 0.00 | 46.71 3.66 0.00 | 46.04 3.65 0.00 | 46.57 3.81 0.00 | 48.76 3.82 0.00 | 57.45 4.06 -0.01 | 70.87 3.69 0.00 | 90.18 5.12 0.28 | 79.57 4.15 0.00 | 62.52 3.26 0.00 | 54.53 3.38 0.00 | 48.54 3.26 0.00 | 45.95 2.68 0.00 |
| KIAC_JFK_GT2 23817 | 45.27 2.64 0.00 | 43.71 2.28 0.00 | 42.13 2.01 0.00 | 41.65 2.02 0.00 | 42.22 2.01 0.00 | 45.77 2.14 0.00 | 64.37 1.94 0.00 | 92.66 3.65 0.00 | 80.48 3.39 0.00 | 55.18 3.42 0.00 | 49.15 3.68 0.00 | 47.85 3.59 0.00 | 46.71 3.66 0.00 | 46.04 3.65 0.00 | 46.57 3.81 0.00 | 48.76 3.82 0.00 | 57.45 4.06 -0.01 | 70.87 3.69 0.00 | 90.18 5.12 0.28 | 79.57 4.15 0.00 | 62.52 3.26 0.00 | 54.53 3.38 0.00 | 48.54 3.26 0.00 | 45.95 2.68 0.00 |
| KIAC_JFK____ 323774 | 45.31 2.69 0.00 | 43.71 2.28 0.00 | 42.13 2.01 0.00 | 41.64 2.02 0.00 | 42.22 2.01 0.00 | 45.73 2.09 0.00 | 64.49 2.06 0.00 | 92.83 3.82 0.00 | 80.64 3.55 0.00 | 55.12 3.36 0.00 | 49.15 3.68 0.00 | 47.94 3.67 0.00 | 46.67 3.62 0.00 | 46.08 3.69 0.00 | 46.61 3.85 0.00 | 48.76 3.82 0.00 | 57.56 4.17 -0.01 | 70.87 3.69 0.00 | 90.18 5.12 0.27 | 79.64 4.22 0.00 | 62.64 3.38 0.00 | 54.53 3.38 0.00 | 48.13 2.85 0.00 | 45.82 2.55 0.00 |
| KINTIGH__24_KV_GSU 356498 | 40.24 -2.39 0.00 | 38.99 -2.44 0.00 | 38.12 -2.00 0.00 | 37.72 -1.90 0.00 | 38.08 -2.13 0.00 | 41.58 -2.05 0.00 | 57.69 -4.75 0.00 | 81.96 -7.03 0.02 | 71.60 -5.47 0.02 | 48.13 -3.62 0.01 | 41.04 -4.41 0.02 | 39.99 -4.25 0.02 | 39.41 -3.62 0.02 | 38.60 -3.77 0.02 | 38.81 -3.93 0.02 | 41.11 -3.82 0.02 | 46.95 -6.35 0.08 | 61.11 -6.05 0.02 | 76.45 -7.68 1.21 | 68.84 -6.56 0.02 | 52.35 -6.70 0.21 | 43.90 -6.14 1.11 | 42.14 -3.12 0.02 | 40.59 -2.68 0.00 |
| KINTIGH____ 23543 | 40.24 -2.39 0.00 | 39.03 -2.40 0.00 | 38.07 -2.05 0.00 | 37.37 -2.26 0.00 | 37.92 -2.29 0.00 | 41.58 -2.05 0.00 | 57.63 -4.81 0.00 | 81.60 -7.39 0.02 | 71.29 -5.78 0.02 | 47.46 -4.30 0.01 | 40.99 -4.46 0.02 | 39.95 -4.29 0.02 | 38.81 -4.22 0.02 | 38.47 -3.90 0.02 | 38.68 -4.06 0.02 | 40.61 -4.31 0.02 | 46.90 -6.41 0.08 | 60.04 -7.12 0.02 | 75.00 -9.13 1.20 | 68.32 -7.09 0.02 | 52.17 -6.87 0.22 | 43.90 -6.14 1.11 | 40.32 -4.94 0.02 | 40.16 -3.12 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 43.27 0.64 0.00 | 42.22 0.79 0.00 | 40.96 0.84 0.00 | 40.46 0.83 0.00 | 41.06 0.84 0.00 | 44.81 1.18 0.00 | 64.56 2.12 0.00 | 92.12 3.12 0.00 | 79.25 2.16 0.00 | 53.05 1.29 0.00 | 46.56 1.09 0.00 | 45.33 1.06 0.00 | 44.00 0.95 0.00 | 43.24 0.85 0.00 | 43.53 0.77 0.00 | 46.11 1.17 0.00 | 54.34 0.96 0.00 | 68.58 1.41 0.00 | 86.95 1.62 0.00 | 77.08 1.66 0.00 | 60.50 1.24 0.00 | 52.07 0.92 0.00 | 46.41 1.13 0.00 | 44.74 1.47 0.00 |
| LACHUTE____HYDRO 323717 | 45.53 2.90 0.00 | 44.21 2.78 0.00 | 42.77 2.65 0.00 | 42.32 2.70 0.00 | 42.87 2.65 0.00 | 46.51 2.88 0.00 | 67.12 4.68 0.00 | 94.97 5.96 0.00 | 82.10 5.01 0.00 | 54.29 2.54 0.00 | 47.42 1.95 0.00 | 45.86 1.59 0.00 | 44.52 1.46 0.00 | 43.75 1.36 0.00 | 44.26 1.50 0.00 | 46.83 1.89 0.00 | 56.21 2.83 0.00 | 71.80 4.63 0.00 | 91.19 6.06 0.20 | 79.87 4.45 0.00 | 63.35 4.09 0.00 | 54.43 3.28 0.00 | 47.99 2.72 0.00 | 45.74 2.47 0.00 |
| LAWRNCALV_115KV_TB1 80681 | 43.78 1.15 0.00 | 42.72 1.28 0.00 | 41.36 1.24 0.00 | 40.81 1.19 0.00 | 41.46 1.25 0.00 | 45.25 1.61 0.00 | 64.81 2.37 0.00 | 92.57 3.56 0.00 | 79.71 2.62 0.00 | 53.42 1.66 0.00 | 46.74 1.27 0.00 | 45.46 1.20 0.00 | 44.04 0.99 0.00 | 43.33 0.93 0.00 | 43.57 0.81 0.00 | 45.98 1.03 0.00 | 54.83 1.44 0.00 | 68.79 1.61 0.00 | 86.87 1.54 0.00 | 77.16 1.73 0.00 | 60.50 1.24 0.00 | 52.64 1.48 0.00 | 46.86 1.58 0.00 | 44.87 1.60 0.00 |
| LEDERLE____ 23769 | 45.23 2.60 0.00 | 43.75 2.32 0.00 | 42.21 2.09 0.00 | 41.72 2.10 0.00 | 42.34 2.13 0.00 | 45.77 2.14 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.02 3.93 0.00 | 54.97 3.21 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.45 3.40 0.00 | 45.79 3.39 0.00 | 46.27 3.51 0.00 | 48.45 3.51 0.00 | 57.07 3.68 0.00 | 71.27 4.10 0.00 | 90.76 5.72 0.29 | 80.18 4.75 0.00 | 62.82 3.56 0.00 | 54.38 3.22 0.00 | 48.40 3.12 0.00 | 45.82 2.55 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 42.50 -0.13 0.00 | 41.31 -0.12 0.00 | 40.00 -0.12 0.00 | 39.43 -0.20 0.00 | 40.13 -0.08 0.00 | 43.63 0.00 0.00 | 62.50 0.06 0.00 | 89.36 0.36 0.00 | 77.09 0.00 0.00 | 51.35 -0.41 0.00 | 44.97 -0.50 0.00 | 43.64 -0.62 0.00 | 42.36 -0.69 0.00 | 41.80 -0.59 0.00 | 42.08 -0.68 0.00 | 44.36 -0.58 0.00 | 52.74 -0.64 0.00 | 66.50 -0.67 0.00 | 84.91 -0.43 0.00 | 75.42 0.00 0.00 | 59.08 -0.18 0.00 | 51.00 -0.15 0.00 | 45.05 -0.23 0.00 | 43.06 -0.22 0.00 |
| LINDEN COGEN____ 23786 | 43.53 2.64 1.74 | 41.28 2.28 2.43 | 40.80 2.01 1.33 | 40.48 2.02 1.16 | 40.98 2.01 1.24 | 41.72 2.05 3.96 | 56.32 2.31 8.42 | 83.07 4.27 10.21 | 62.42 3.85 18.52 | 50.52 3.21 4.45 | 45.55 3.64 3.56 | 44.28 3.67 3.66 | 43.28 3.62 3.39 | 43.72 3.69 2.36 | 43.95 3.85 2.66 | 44.04 3.78 4.68 | 45.42 4.06 12.02 | 61.36 4.10 9.91 | 79.14 5.63 11.82 | 72.79 4.68 7.31 | 51.25 3.68 11.69 | 47.48 3.28 6.95 | 42.68 2.72 5.31 | 43.78 2.47 1.96 |
| LINDHRST_69_KV_BK1 356055 | 45.87 3.24 0.00 | 44.13 2.69 0.00 | 42.57 2.45 0.00 | 42.00 2.38 0.00 | 42.71 2.49 0.00 | 46.12 2.49 0.00 | 58.86 1.31 4.89 | 65.34 2.85 26.52 | 63.28 2.62 16.43 | 54.33 2.59 0.01 | 49.61 4.14 0.00 | 48.50 4.21 -0.03 | 47.36 4.09 -0.22 | 46.81 4.11 -0.30 | 47.22 4.23 -0.23 | 49.42 4.27 -0.21 | 56.65 3.31 0.04 | 70.66 3.49 0.01 | 90.17 5.12 0.28 | 79.64 4.22 0.01 | 62.45 3.20 0.01 | 54.11 2.97 0.01 | 49.36 4.07 0.00 | 46.69 3.42 0.00 |
| LIPA_MISC_IPP 23656 | 45.35 2.73 0.00 | 43.63 2.20 0.00 | 42.09 1.97 0.00 | 41.61 1.98 0.00 | 42.26 2.05 0.00 | 45.60 1.96 0.00 | 56.59 0.25 6.10 | 57.15 1.25 33.10 | 57.74 1.16 20.51 | 53.40 1.66 0.02 | 48.69 3.23 0.00 | 47.81 3.54 0.00 | 46.77 3.66 -0.06 | 46.21 3.73 -0.08 | 46.67 3.85 -0.06 | 48.82 3.82 -0.06 | 55.46 2.14 0.05 | 69.18 2.02 0.01 | 88.38 3.33 0.28 | 77.98 2.56 0.01 | 61.15 1.90 0.01 | 53.09 1.94 0.01 | 48.76 3.49 0.00 | 46.17 2.90 0.00 |
| LISF____SOLAR 323691 | 45.44 2.81 0.00 | 43.67 2.24 0.00 | 42.17 2.05 0.00 | 41.57 1.94 0.00 | 42.30 2.09 0.00 | 45.64 2.01 0.00 | 56.79 0.44 6.08 | 57.32 1.34 33.02 | 58.02 1.39 20.46 | 53.45 1.71 0.02 | 48.69 3.23 0.00 | 47.94 3.67 0.00 | 46.86 3.74 -0.06 | 46.34 3.86 -0.09 | 46.85 4.02 -0.06 | 48.87 3.87 -0.06 | 55.68 2.35 0.05 | 69.25 2.08 0.01 | 88.47 3.42 0.28 | 78.13 2.71 0.01 | 61.33 2.07 0.01 | 53.14 1.99 0.01 | 47.26 1.99 0.00 | 45.74 2.47 0.00 |
| LITTLE FALLS____HYD 24013 | 44.20 1.58 0.00 | 43.05 1.62 0.00 | 41.68 1.56 0.00 | 41.17 1.55 0.00 | 41.86 1.65 0.00 | 45.42 1.79 0.00 | 64.93 2.50 0.00 | 92.66 3.65 0.00 | 80.10 3.01 0.00 | 53.67 1.92 0.00 | 47.24 1.77 0.00 | 45.95 1.68 0.00 | 44.64 1.59 0.00 | 44.01 1.61 0.00 | 44.34 1.58 0.00 | 46.70 1.75 0.00 | 55.52 2.14 0.00 | 69.73 2.55 0.00 | 88.66 3.33 0.00 | 78.29 2.87 0.00 | 61.39 2.13 0.00 | 52.89 1.74 0.00 | 46.73 1.45 0.00 | 44.57 1.30 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 44.20 1.58 0.00 | 43.17 1.74 0.00 | 41.81 1.69 0.00 | 41.25 1.62 0.00 | 41.94 1.73 0.00 | 45.77 2.14 0.00 | 65.74 3.31 0.00 | 93.99 4.98 0.00 | 80.64 3.55 0.00 | 53.78 2.02 0.00 | 46.97 1.50 0.00 | 45.64 1.37 0.00 | 44.21 1.16 0.00 | 43.50 1.10 0.00 | 43.75 0.98 0.00 | 46.20 1.26 0.00 | 55.25 1.87 0.00 | 69.39 2.22 0.00 | 87.89 2.56 0.00 | 78.29 2.87 0.00 | 61.33 2.07 0.00 | 53.30 2.15 0.00 | 47.41 2.13 0.00 | 45.35 2.08 0.00 |
| LI_NEWBRDGE___DRP 323616 | 45.10 2.47 0.00 | 43.42 1.99 0.00 | 41.89 1.77 0.00 | 41.41 1.78 0.00 | 42.06 1.85 0.00 | 45.38 1.75 0.00 | 56.77 0.87 6.54 | 55.66 2.14 35.49 | 57.11 2.00 21.99 | 53.71 1.97 0.02 | 48.96 3.50 0.01 | 47.80 3.54 0.01 | 46.72 3.66 -0.01 | 46.10 3.69 -0.01 | 46.53 3.76 -0.01 | 48.68 3.73 -0.01 | 55.94 2.62 0.06 | 69.72 2.55 0.01 | 88.80 3.75 0.28 | 78.36 2.94 0.01 | 61.56 2.31 0.01 | 53.35 2.20 0.01 | 48.53 3.26 0.01 | 45.87 2.60 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 40.28 -2.34 0.00 | 38.61 -2.82 0.00 | 38.23 -1.89 0.00 | 37.48 -2.14 0.00 | 37.96 -2.25 0.00 | 41.71 -1.92 0.00 | 57.06 -5.37 0.00 | 80.80 -8.19 0.02 | 70.59 -6.48 0.02 | 46.78 -4.97 0.01 | 40.58 -4.87 0.02 | 39.59 -4.65 0.02 | 38.51 -4.52 0.02 | 38.05 -4.32 0.02 | 38.29 -4.45 0.02 | 40.16 -4.76 0.02 | 46.73 -6.57 0.08 | 59.63 -7.52 0.02 | 74.41 -9.73 1.20 | 67.56 -7.84 0.02 | 52.08 -6.99 0.19 | 43.80 -6.39 0.96 | 40.19 -5.07 0.02 | 40.11 -3.16 0.00 |
| LOCKPORT___CC1 323769 | 40.20 -2.43 0.00 | 38.95 -2.48 0.00 | 38.19 -1.93 0.00 | 37.80 -1.82 0.00 | 38.08 -2.13 0.00 | 41.67 -1.96 0.00 | 57.19 -5.24 0.00 | 80.98 -8.01 0.02 | 70.75 -6.32 0.02 | 47.51 -4.24 0.01 | 40.62 -4.82 0.02 | 39.59 -4.65 0.02 | 38.85 -4.18 0.02 | 38.13 -4.24 0.03 | 38.38 -4.36 0.03 | 40.47 -4.45 0.02 | 46.78 -6.51 0.09 | 60.37 -6.78 0.02 | 75.34 -8.79 1.20 | 67.86 -7.54 0.02 | 52.19 -6.87 0.20 | 43.72 -6.40 1.04 | 41.59 -3.67 0.02 | 40.55 -2.72 0.00 |
| LOCKPORT___CC2 323770 | 40.20 -2.43 0.00 | 38.95 -2.48 0.00 | 38.19 -1.93 0.00 | 37.80 -1.82 0.00 | 38.08 -2.13 0.00 | 41.67 -1.96 0.00 | 57.19 -5.24 0.00 | 80.98 -8.01 0.02 | 70.75 -6.32 0.02 | 47.51 -4.24 0.01 | 40.62 -4.82 0.02 | 39.59 -4.65 0.02 | 38.85 -4.18 0.02 | 38.13 -4.24 0.03 | 38.38 -4.36 0.03 | 40.47 -4.45 0.02 | 46.78 -6.51 0.09 | 60.37 -6.78 0.02 | 75.34 -8.79 1.20 | 67.86 -7.54 0.02 | 52.19 -6.87 0.20 | 43.72 -6.40 1.04 | 41.59 -3.67 0.02 | 40.55 -2.72 0.00 |
| LOCKPORT___CC3 323771 | 40.20 -2.43 0.00 | 38.95 -2.48 0.00 | 38.19 -1.93 0.00 | 37.80 -1.82 0.00 | 38.08 -2.13 0.00 | 41.67 -1.96 0.00 | 57.19 -5.24 0.00 | 80.98 -8.01 0.02 | 70.75 -6.32 0.02 | 47.51 -4.24 0.01 | 40.62 -4.82 0.02 | 39.59 -4.65 0.02 | 38.85 -4.18 0.02 | 38.13 -4.24 0.03 | 38.38 -4.36 0.03 | 40.47 -4.45 0.02 | 46.78 -6.51 0.09 | 60.37 -6.78 0.02 | 75.34 -8.79 1.20 | 67.86 -7.54 0.02 | 52.19 -6.87 0.20 | 43.72 -6.40 1.04 | 41.59 -3.67 0.02 | 40.55 -2.72 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 45.48 2.86 0.00 | 43.84 2.40 0.00 | 42.29 2.17 0.00 | 41.76 2.14 0.00 | 42.42 2.21 0.00 | 45.81 2.18 0.00 | 61.03 1.62 3.03 | 75.88 3.29 16.42 | 70.00 3.08 10.18 | 54.44 2.69 0.01 | 49.34 3.86 -0.01 | 48.20 3.90 -0.04 | 47.37 4.00 -0.32 | 46.85 4.03 -0.43 | 47.20 4.11 -0.33 | 49.34 4.09 -0.30 | 56.72 3.36 0.03 | 70.66 3.49 0.00 | 90.00 4.95 0.28 | 79.42 4.00 0.00 | 62.34 3.08 0.00 | 54.01 2.86 0.00 | 48.86 3.58 -0.01 | 46.21 2.94 0.00 |
| LONG_LAKE_PHOENIX 24014 | 41.77 -0.85 0.00 | 40.56 -0.87 0.00 | 39.32 -0.80 0.00 | 38.79 -0.83 0.00 | 39.41 -0.80 0.00 | 42.80 -0.83 0.00 | 61.18 -1.25 0.00 | 87.23 -1.78 0.00 | 75.63 -1.46 0.00 | 50.62 -1.14 0.00 | 44.38 -1.09 0.00 | 43.16 -1.11 0.00 | 41.97 -1.08 0.00 | 41.38 -1.02 0.00 | 41.69 -1.07 0.00 | 43.87 -1.08 0.00 | 52.05 -1.33 0.00 | 65.63 -1.54 0.00 | 83.82 -1.79 -0.28 | 73.99 -1.43 0.00 | 58.02 -1.24 0.00 | 50.03 -1.13 0.00 | 44.19 -1.09 0.00 | 42.32 -0.95 0.00 |
| LOVETT___3 23632 | 45.06 2.43 0.00 | 43.55 2.11 0.00 | 42.01 1.89 0.00 | 41.53 1.90 0.00 | 42.14 1.93 0.00 | 45.60 1.96 0.00 | 64.49 2.06 0.00 | 92.92 3.92 0.00 | 80.48 3.39 0.00 | 54.66 2.90 0.00 | 48.70 3.23 0.00 | 47.41 3.14 0.00 | 46.28 3.23 0.00 | 45.58 3.18 0.00 | 46.06 3.29 0.00 | 48.22 3.28 0.00 | 56.86 3.47 0.00 | 70.87 3.69 0.00 | 90.17 5.12 0.28 | 79.65 4.22 0.00 | 62.46 3.20 0.00 | 54.12 2.97 0.00 | 48.18 2.90 0.00 | 45.65 2.38 0.00 |
| LOVETT___4 23642 | 45.06 2.43 0.00 | 43.55 2.11 0.00 | 42.01 1.89 0.00 | 41.53 1.90 0.00 | 42.14 1.93 0.00 | 45.60 1.96 0.00 | 64.49 2.06 0.00 | 92.92 3.92 0.00 | 80.48 3.39 0.00 | 54.66 2.90 0.00 | 48.70 3.23 0.00 | 47.41 3.14 0.00 | 46.28 3.23 0.00 | 45.58 3.18 0.00 | 46.06 3.29 0.00 | 48.22 3.28 0.00 | 56.86 3.47 0.00 | 70.87 3.69 0.00 | 90.17 5.12 0.28 | 79.65 4.22 0.00 | 62.46 3.20 0.00 | 54.12 2.97 0.00 | 48.18 2.90 0.00 | 45.65 2.38 0.00 |
| LOVETT___5 23593 | 45.06 2.43 0.00 | 43.55 2.11 0.00 | 42.01 1.89 0.00 | 41.53 1.90 0.00 | 42.14 1.93 0.00 | 45.60 1.96 0.00 | 64.49 2.06 0.00 | 92.92 3.92 0.00 | 80.48 3.39 0.00 | 54.66 2.90 0.00 | 48.70 3.23 0.00 | 47.41 3.14 0.00 | 46.28 3.23 0.00 | 45.58 3.18 0.00 | 46.06 3.29 0.00 | 48.22 3.28 0.00 | 56.86 3.47 0.00 | 70.87 3.69 0.00 | 90.17 5.12 0.28 | 79.65 4.22 0.00 | 62.46 3.20 0.00 | 54.12 2.97 0.00 | 48.18 2.90 0.00 | 45.65 2.38 0.00 |
| LOWER RAQUET___HYD 24057 | 43.86 1.24 0.00 | 42.80 1.37 0.00 | 41.48 1.36 0.00 | 40.89 1.27 0.00 | 41.58 1.37 0.00 | 45.38 1.75 0.00 | 64.74 2.31 0.00 | 92.57 3.56 0.00 | 79.56 2.47 0.00 | 53.37 1.61 0.00 | 46.70 1.23 0.00 | 45.37 1.11 0.00 | 43.96 0.91 0.00 | 43.24 0.85 0.00 | 43.49 0.73 0.00 | 45.93 0.99 0.00 | 54.83 1.44 0.00 | 68.52 1.34 0.00 | 86.53 1.19 0.00 | 76.93 1.51 0.00 | 60.38 1.12 0.00 | 52.74 1.59 0.00 | 47.04 1.76 0.00 | 45.00 1.73 0.00 |
| LOWER___HUDSON 24059 | 43.73 1.11 0.00 | 42.47 1.04 0.00 | 41.08 0.96 0.00 | 40.65 1.03 0.00 | 41.14 0.93 0.00 | 44.55 0.92 0.00 | 64.05 1.62 0.00 | 90.52 1.51 0.00 | 78.48 1.39 0.00 | 52.79 1.03 0.00 | 46.56 1.09 0.00 | 45.41 1.15 0.00 | 44.13 1.08 0.00 | 43.41 1.02 0.00 | 43.87 1.11 0.00 | 46.07 1.12 0.00 | 55.04 1.66 0.00 | 69.26 2.08 0.00 | 87.86 2.73 0.20 | 77.31 1.89 0.00 | 61.10 1.84 0.00 | 52.74 1.59 0.00 | 46.32 1.04 0.00 | 44.18 0.91 0.00 |
| LOWVILLE_115KV_TB2 356335 | 43.95 1.32 0.00 | 42.84 1.41 0.00 | 41.44 1.32 0.00 | 40.85 1.23 0.00 | 41.58 1.37 0.00 | 45.29 1.66 0.00 | 65.06 2.62 0.00 | 93.37 4.36 0.00 | 80.10 3.01 0.00 | 53.00 1.24 0.00 | 46.42 0.95 0.00 | 45.02 0.75 0.00 | 43.57 0.52 0.00 | 42.99 0.59 0.00 | 43.19 0.43 0.00 | 45.71 0.76 0.00 | 54.72 1.33 0.00 | 68.72 1.54 0.00 | 87.64 2.56 0.25 | 78.29 2.87 0.00 | 61.28 2.01 0.00 | 53.10 1.94 0.00 | 46.86 1.58 0.00 | 44.70 1.43 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 44.20 1.58 0.00 | 42.92 1.49 0.00 | 41.52 1.40 0.00 | 41.09 1.47 0.00 | 41.62 1.41 0.00 | 45.07 1.44 0.00 | 64.68 2.25 0.00 | 91.68 2.67 0.00 | 79.40 2.31 0.00 | 53.16 1.40 0.00 | 46.65 1.18 0.00 | 45.37 1.11 0.00 | 44.17 1.12 0.00 | 43.41 1.02 0.00 | 43.87 1.11 0.00 | 46.20 1.26 0.00 | 55.09 1.71 0.00 | 69.73 2.55 0.00 | 88.45 3.33 0.21 | 77.76 2.34 0.00 | 61.51 2.25 0.00 | 53.10 1.94 0.00 | 46.91 1.63 0.00 | 44.61 1.34 0.00 |

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|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|
| LUTHERNY_35_KV_BK2 355980 | 44.25 1.62 0.00 | 42.96 1.53 0.00 | 41.56 1.44 0.00 | 41.09 1.47 0.00 | 41.66 1.45 0.00 | 45.07 1.44 0.00 | 64.68 2.25 0.00 | 91.68 2.67 0.00 | 79.48 2.39 0.00 | 53.16 1.40 0.00 | 46.65 1.18 0.00 | 45.42 1.15 0.00 | 44.17 1.12 0.00 | 43.46 1.06 0.00 | 43.92 1.15 0.00 | 46.25 1.30 0.00 | 55.15 1.76 0.00 | 69.79 2.62 0.00 | 88.54 3.41 0.21 | 77.84 2.41 0.00 | 61.57 2.31 0.00 | 53.10 1.94 0.00 | 46.95 1.68 0.00 | 44.66 1.38 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 43.86 1.24 0.00 | 42.76 1.33 0.00 | 41.40 1.28 0.00 | 40.81 1.19 0.00 | 41.54 1.33 0.00 | 45.29 1.66 0.00 | 64.74 2.31 0.00 | 92.84 3.83 0.00 | 79.71 2.62 0.00 | 53.00 1.24 0.00 | 46.51 1.05 0.00 | 45.15 0.89 0.00 | 43.74 0.69 0.00 | 43.07 0.68 0.00 | 43.32 0.56 0.00 | 45.80 0.85 0.00 | 54.72 1.33 0.00 | 68.45 1.28 0.00 | 87.04 1.71 0.00 | 77.54 2.11 0.00 | 60.68 1.42 0.00 | 52.89 1.74 0.00 | 46.86 1.58 0.00 | 44.79 1.51 0.00 |
| LYONS_FALL_HYD 23570 | 43.78 1.15 0.00 | 42.63 1.20 0.00 | 41.28 1.16 0.00 | 40.69 1.07 0.00 | 41.42 1.21 0.00 | 45.03 1.40 0.00 | 64.68 2.24 0.00 | 92.75 3.74 0.00 | 79.79 2.70 0.00 | 52.95 1.19 0.00 | 46.38 0.91 0.00 | 44.97 0.71 0.00 | 43.61 0.56 0.00 | 42.99 0.59 0.00 | 43.23 0.47 0.00 | 45.66 0.72 0.00 | 54.61 1.23 0.00 | 68.65 1.48 0.00 | 87.43 2.39 0.29 | 77.99 2.57 0.00 | 61.04 1.78 0.00 | 52.84 1.69 0.00 | 46.63 1.36 0.00 | 44.48 1.21 0.00 |
| MADISON___COUNTY_LFGE 323628 | 43.69 1.07 0.00 | 42.51 1.08 0.00 | 41.16 1.04 0.00 | 40.62 0.99 0.00 | 41.30 1.09 0.00 | 44.94 1.31 0.00 | 64.49 2.06 0.00 | 92.40 3.38 -0.01 | 79.72 2.62 -0.01 | 52.95 1.19 0.00 | 46.38 0.91 0.00 | 45.02 0.75 0.00 | 43.66 0.60 0.00 | 43.08 0.68 0.00 | 43.32 0.56 0.00 | 45.71 0.76 0.00 | 54.63 1.23 -0.01 | 68.65 1.48 0.00 | 87.10 2.39 0.62 | 77.84 2.41 0.00 | 60.99 1.72 -0.01 | 52.65 1.48 -0.02 | 46.41 1.13 0.00 | 44.27 1.00 0.00 |
| MALONE___115KV_TB1 356076 | 43.56 0.94 0.00 | 42.51 1.08 0.00 | 41.24 1.12 0.00 | 40.73 1.11 0.00 | 41.34 1.13 0.00 | 45.16 1.53 0.00 | 64.93 2.50 0.00 | 92.75 3.74 0.00 | 80.10 3.01 0.00 | 53.62 1.86 0.00 | 46.88 1.41 0.00 | 45.64 1.37 0.00 | 44.21 1.16 0.00 | 43.46 1.06 0.00 | 43.75 0.98 0.00 | 46.11 1.17 0.00 | 54.88 1.49 0.00 | 69.12 1.95 0.00 | 87.47 2.13 0.00 | 77.69 2.26 0.00 | 60.92 1.66 0.00 | 52.59 1.43 0.00 | 46.77 1.49 0.00 | 44.87 1.60 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 43.48 0.85 0.00 | 42.22 0.79 0.00 | 40.88 0.76 0.00 | 40.46 0.83 0.00 | 40.98 0.76 0.00 | 44.29 0.65 0.00 | 63.49 1.06 0.00 | 89.99 0.98 0.00 | 78.09 1.00 0.00 | 52.54 0.78 0.00 | 46.33 0.86 0.00 | 45.15 0.89 0.00 | 43.95 0.90 0.00 | 43.24 0.85 0.00 | 43.70 0.94 0.00 | 45.89 0.94 0.00 | 54.61 1.23 0.00 | 68.72 1.54 0.00 | 87.17 2.05 0.21 | 76.71 1.28 0.00 | 60.62 1.36 0.00 | 52.38 1.23 0.00 | 46.23 0.95 0.00 | 43.96 0.69 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 42.54 -0.09 0.00 | 41.39 -0.04 0.00 | 40.08 -0.04 0.00 | 39.62 0.00 0.00 | 40.25 0.04 0.00 | 43.72 0.09 0.00 | 62.56 0.13 0.00 | 89.28 0.27 0.00 | 77.24 0.15 0.00 | 51.91 0.16 0.00 | 45.56 0.09 0.00 | 44.40 0.13 0.00 | 43.14 0.09 0.00 | 42.48 0.08 0.00 | 42.85 0.09 0.00 | 45.03 0.09 0.00 | 53.49 0.11 0.00 | 67.24 0.07 0.00 | 85.42 0.09 0.00 | 75.42 0.00 0.00 | 59.26 0.00 0.00 | 51.10 -0.05 0.00 | 45.19 -0.09 0.00 | 43.14 -0.13 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 42.54 -0.09 0.00 | 41.39 -0.04 0.00 | 40.08 -0.04 0.00 | 39.62 0.00 0.00 | 40.25 0.04 0.00 | 43.72 0.09 0.00 | 62.56 0.13 0.00 | 89.28 0.27 0.00 | 77.24 0.15 0.00 | 51.91 0.16 0.00 | 45.56 0.09 0.00 | 44.40 0.13 0.00 | 43.14 0.09 0.00 | 42.48 0.08 0.00 | 42.85 0.09 0.00 | 45.03 0.09 0.00 | 53.49 0.11 0.00 | 67.24 0.07 0.00 | 85.42 0.09 0.00 | 75.42 0.00 0.00 | 59.26 0.00 0.00 | 51.10 -0.05 0.00 | 45.19 -0.09 0.00 | 43.14 -0.13 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 42.84 0.21 0.00 | 41.76 0.33 0.00 | 40.52 0.40 0.00 | 40.02 0.40 0.00 | 40.66 0.44 0.00 | 44.29 0.66 0.00 | 63.06 0.62 0.00 | 89.81 0.80 0.00 | 77.56 0.47 0.00 | 52.28 0.52 0.00 | 45.92 0.45 0.00 | 44.66 0.40 0.00 | 43.35 0.30 0.00 | 42.65 0.26 0.00 | 42.98 0.21 0.00 | 45.22 0.27 0.00 | 53.65 0.27 0.00 | 67.24 0.07 0.00 | 85.16 -0.17 0.00 | 75.42 0.00 0.00 | 59.38 0.12 0.00 | 51.61 0.46 0.00 | 45.96 0.68 0.00 | 44.14 0.87 0.00 |
| MARSHVLE_115KV_TB1 80742 | 44.03 1.41 0.00 | 42.76 1.33 0.00 | 41.36 1.24 0.00 | 40.85 1.23 0.00 | 41.50 1.29 0.00 | 45.16 1.53 0.00 | 64.74 2.31 0.00 | 92.30 3.29 0.00 | 78.79 1.70 0.00 | 51.50 -0.26 0.00 | 44.92 -0.55 0.00 | 43.47 -0.80 0.00 | 42.28 -0.77 0.00 | 41.63 -0.76 0.00 | 42.12 -0.64 0.00 | 44.67 -0.27 0.00 | 53.86 0.48 0.00 | 69.12 1.95 0.00 | 88.19 3.16 0.30 | 77.84 2.41 0.00 | 61.33 2.07 0.00 | 53.05 1.89 0.00 | 46.77 1.49 0.00 | 44.44 1.17 0.00 |
| MARSH_HILL_WT_PWR 323713 | 40.67 -1.96 0.00 | 39.44 -1.99 0.00 | 38.68 -1.44 0.00 | 38.32 -1.31 0.00 | 38.77 -1.45 0.00 | 42.67 -0.96 0.00 | 59.87 -2.56 0.00 | 85.21 -3.73 0.07 | 73.86 -3.16 0.07 | 49.15 -2.59 0.02 | 42.31 -3.09 0.07 | 41.01 -3.19 0.07 | 39.88 -3.10 0.07 | 39.49 -2.84 0.07 | 39.78 -2.91 0.07 | 41.56 -3.33 0.06 | 49.41 -3.74 0.24 | 62.89 -4.23 0.06 | 78.84 -5.29 1.20 | 70.84 -4.52 0.06 | 56.28 -3.67 -0.69 | 51.97 -3.58 -4.40 | 42.19 -3.03 0.06 | 40.93 -2.34 0.00 |
| MCINTYRE_115KV_TB2 80467 | 44.33 1.71 0.00 | 43.30 1.86 0.00 | 41.93 1.81 0.00 | 41.33 1.70 0.00 | 42.02 1.81 0.00 | 45.86 2.23 0.00 | 65.99 3.56 0.00 | 94.35 5.34 0.00 | 80.79 3.70 0.00 | 53.78 2.02 0.00 | 46.92 1.45 0.00 | 45.64 1.37 0.00 | 44.21 1.16 0.00 | 43.46 1.06 0.00 | 43.75 0.98 0.00 | 46.20 1.26 0.00 | 55.31 1.92 0.00 | 69.66 2.49 0.00 | 88.49 3.16 0.00 | 78.74 3.32 0.00 | 61.69 2.43 0.00 | 53.51 2.35 0.00 | 47.50 2.22 0.00 | 45.44 2.16 0.00 |
| MECO_____69_KV_BK1 80468 | 44.76 2.13 0.00 | 43.46 2.03 0.00 | 42.05 1.93 0.00 | 41.57 1.94 0.00 | 42.18 1.97 0.00 | 45.95 2.31 0.00 | 65.99 3.56 0.00 | 93.90 4.90 0.00 | 80.17 3.08 0.00 | 52.43 0.67 0.00 | 45.51 0.05 0.00 | 43.91 -0.35 0.00 | 42.71 -0.34 0.00 | 42.10 -0.30 0.00 | 42.68 -0.09 0.00 | 45.39 0.45 0.00 | 54.83 1.44 0.00 | 70.53 3.36 0.00 | 89.93 4.86 0.27 | 79.12 3.70 0.00 | 62.46 3.20 0.00 | 53.92 2.76 0.00 | 47.59 2.31 0.00 | 45.18 1.90 0.00 |
| MENANDS___115KV_TB5 355628 | 43.31 0.68 0.00 | 42.05 0.62 0.00 | 40.72 0.60 0.00 | 40.26 0.63 0.00 | 40.78 0.56 0.00 | 44.11 0.48 0.00 | 63.18 0.75 0.00 | 89.54 0.53 0.00 | 77.71 0.62 0.00 | 52.33 0.57 0.00 | 46.20 0.73 0.00 | 45.06 0.80 0.00 | 43.87 0.82 0.00 | 43.16 0.76 0.00 | 43.62 0.86 0.00 | 45.75 0.81 0.00 | 54.45 1.07 0.00 | 68.45 1.28 0.00 | 86.83 1.71 0.21 | 76.40 0.98 0.00 | 60.39 1.13 0.00 | 52.18 1.02 0.00 | 46.05 0.77 0.00 | 43.79 0.52 0.00 |
| MG INDUSTRY___DRP 24185 | 43.44 0.81 0.00 | 42.22 0.79 0.00 | 40.88 0.76 0.00 | 40.42 0.79 0.00 | 40.98 0.76 0.00 | 44.24 0.61 0.00 | 63.25 0.81 0.00 | 89.90 0.89 0.00 | 77.86 0.77 0.00 | 52.28 0.52 0.00 | 46.06 0.59 0.00 | 44.84 0.58 0.00 | 43.65 0.60 0.00 | 42.99 0.59 0.00 | 43.45 0.68 0.00 | 45.66 0.72 0.00 | 54.29 0.91 0.00 | 68.38 1.21 0.00 | 86.74 1.62 0.21 | 76.48 1.06 0.00 | 60.39 1.13 0.00 | 52.18 1.02 0.00 | 46.14 0.86 0.00 | 43.92 0.65 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 43.86 1.24 0.00 | 42.76 1.33 0.00 | 41.40 1.28 0.00 | 40.81 1.19 0.00 | 41.54 1.33 0.00 | 45.29 1.66 0.00 | 64.74 2.31 0.00 | 92.84 3.83 0.00 | 79.71 2.62 0.00 | 53.00 1.24 0.00 | 46.51 1.05 0.00 | 45.15 0.89 0.00 | 43.74 0.69 0.00 | 43.07 0.68 0.00 | 43.32 0.56 0.00 | 45.80 0.85 0.00 | 54.72 1.33 0.00 | 68.45 1.28 0.00 | 87.04 1.71 0.00 | 77.54 2.11 0.00 | 60.68 1.42 0.00 | 52.89 1.74 0.00 | 46.86 1.58 0.00 | 44.79 1.51 0.00 |
| MID___RAQUETTE_HYD 23851 | 43.86 1.24 0.00 | 42.80 1.37 0.00 | 41.48 1.36 0.00 | 40.89 1.27 0.00 | 41.58 1.37 0.00 | 45.38 1.75 0.00 | 64.93 2.50 0.00 | 92.84 3.83 0.00 | 79.87 2.78 0.00 | 53.47 1.71 0.00 | 46.79 1.32 0.00 | 45.46 1.20 0.00 | 44.08 1.03 0.00 | 43.33 0.93 0.00 | 43.57 0.81 0.00 | 46.02 1.08 0.00 | 54.93 1.55 0.00 | 68.79 1.61 0.00 | 86.87 1.54 0.00 | 77.23 1.81 0.00 | 60.50 1.24 0.00 | 52.74 1.59 0.00 | 47.00 1.72 0.00 | 44.96 1.69 0.00 |
| MILLIKEN___1 23584 | 43.05 0.43 0.00 | 41.80 0.37 0.00 | 40.52 0.40 0.00 | 39.98 0.36 0.00 | 40.62 0.40 0.00 | 44.20 0.57 0.00 | 63.18 0.75 0.00 | 91.61 2.49 -0.11 | 79.20 2.00 -0.11 | 52.62 0.83 -0.03 | 46.11 0.55 -0.10 | 44.72 0.35 -0.10 | 43.49 0.34 -0.10 | 42.93 0.42 -0.11 | 43.30 0.43 -0.11 | 45.06 0.04 -0.07 | 53.89 0.21 -0.29 | 67.78 0.54 -0.07 | 85.32 1.11 1.12 | 76.62 1.13 -0.07 | 60.13 0.71 -0.16 | 52.00 0.51 -0.33 | 45.62 0.27 -0.07 | 43.57 0.30 0.00 |
| MILLIKEN___2 23585 | 43.05 0.43 0.00 | 41.80 0.37 0.00 | 40.52 0.40 0.00 | 39.98 0.36 0.00 | 40.62 0.40 0.00 | 44.20 0.57 0.00 | 63.18 0.75 0.00 | 91.61 2.49 -0.11 | 79.20 2.00 -0.11 | 52.62 0.83 -0.03 | 46.11 0.55 -0.10 | 44.72 0.35 -0.10 | 43.49 0.34 -0.10 | 42.93 0.42 -0.11 | 43.30 0.43 -0.11 | 45.06 0.04 -0.07 | 53.89 0.21 -0.29 | 67.78 0.54 -0.07 | 85.32 1.11 1.12 | 76.62 1.13 -0.07 | 60.13 0.71 -0.16 | 52.00 0.51 -0.33 | 45.62 0.27 -0.07 | 43.57 0.30 0.00 |
| MILLIKEN___DIESEL 23629 | 43.05 0.43 0.00 | 41.80 0.37 0.00 | 40.52 0.40 0.00 | 39.98 0.36 0.00 | 40.62 0.40 0.00 | 44.20 0.57 0.00 | 63.18 0.75 0.00 | 91.61 2.49 -0.11 | 79.20 2.00 -0.11 | 52.62 0.83 -0.03 | 46.11 0.55 -0.10 | 44.72 0.35 -0.10 | 43.49 0.34 -0.10 | 42.93 0.42 -0.11 | 43.30 0.43 -0.11 | 45.06 0.04 -0.07 | 53.89 0.21 -0.29 | 67.78 0.54 -0.07 | 85.32 1.11 1.12 | 76.62 1.13 -0.07 | 60.13 0.71 -0.16 | 52.00 0.51 -0.33 | 45.62 0.27 -0.07 | 43.57 0.30 0.00 |
| MILLSEAT___LFGE 323607 | 40.96 -1.66 0.00 | 39.69 -1.74 0.00 | 38.83 -1.29 0.00 | 38.47 -1.15 0.00 | 38.80 -1.41 0.00 | 42.41 -1.22 0.00 | 58.62 -3.81 0.00 | 83.29 -5.70 0.02 | 72.68 -4.39 0.02 | 48.65 -3.10 0.01 | 41.49 -3.96 0.02 | 40.44 -3.81 0.02 | 39.63 -3.40 0.02 | 38.90 -3.48 0.02 | 39.15 -3.59 0.02 | 41.33 -3.60 0.02 | 47.96 -5.34 0.08 | 62.11 -5.04 0.02 | 77.64 -6.49 1.20 | 69.97 -5.43 0.02 | 53.83 -5.27 0.15 | 45.36 -5.01 0.78 | 42.59 -2.67 0.02 | 41.41 -1.86 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 45.06 2.43 0.00 | 43.59 2.15 0.00 | 42.09 1.97 0.00 | 41.57 1.94 0.00 | 42.18 1.97 0.00 | 45.60 1.96 0.00 | 64.56 2.12 0.00 | 92.92 3.92 0.00 | 80.56 3.47 0.00 | 54.71 2.95 0.00 | 48.74 3.27 0.00 | 47.45 3.19 0.00 | 46.32 3.27 0.00 | 45.66 3.26 0.00 | 46.14 3.38 0.00 | 48.31 3.37 0.00 | 56.91 3.52 0.00 | 70.87 3.69 0.00 | 90.26 5.21 0.28 | 79.65 4.22 0.00 | 62.52 3.26 0.00 | 54.17 3.02 0.00 | 48.18 2.90 0.00 | 45.69 2.42 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 45.14 2.51 0.00 | 43.67 2.24 0.00 | 42.17 2.05 0.00 | 41.65 2.02 0.00 | 42.26 2.05 0.00 | 45.68 2.05 0.00 | 64.68 2.25 0.00 | 93.10 4.09 0.00 | 80.79 3.70 0.00 | 54.86 3.11 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.75 3.35 0.00 | 46.23 3.46 0.00 | 48.40 3.46 0.00 | 57.07 3.68 0.00 | 71.07 3.90 0.00 | 90.43 5.38 0.28 | 79.87 4.45 0.00 | 62.64 3.38 0.00 | 54.27 3.12 0.00 | 48.27 2.99 0.00 | 45.74 2.47 0.00 |
| MODEL_CITY_ENERGY 24167 | 40.07 -2.56 0.00 | 38.82 -2.61 0.00 | 38.08 -2.04 0.00 | 37.68 -1.94 0.00 | 37.96 -2.25 0.00 | 41.50 -2.14 0.00 | 56.50 -5.93 0.00 | 80.00 -8.99 0.02 | 69.98 -7.09 0.02 | 46.99 -4.76 0.01 | 40.17 -5.27 0.02 | 39.15 -5.09 0.02 | 38.46 -4.56 0.02 | 37.75 -4.62 0.03 | 37.95 -4.79 0.03 | 40.07 -4.85 0.02 | 46.13 -7.15 0.10 | 59.69 -7.46 0.02 | 74.40 -9.73 1.20 | 67.11 -8.30 0.02 | 51.53 -7.53 0.20 | 43.09 -7.01 1.06 | 41.18 -4.07 0.02 | 40.37 -2.90 0.00 |
| MODERN_LFGE___ 323580 | 40.07 -2.56 0.00 | 38.82 -2.61 0.00 | 38.08 -2.04 0.00 | 37.68 -1.94 0.00 | 37.96 -2.25 0.00 | 41.50 -2.14 0.00 | 56.50 -5.93 0.00 | 80.00 -8.99 0.02 | 69.98 -7.09 0.02 | 46.99 -4.76 0.01 | 40.17 -5.27 0.02 | 39.15 -5.09 0.02 | 38.46 -4.56 0.02 | 37.75 -4.62 0.03 | 37.95 -4.79 0.03 | 40.07 -4.85 0.02 | 46.13 -7.15 0.10 | 59.69 -7.46 0.02 | 74.40 -9.73 1.20 | 67.11 -8.30 0.02 | 51.53 -7.53 0.20 | 43.09 -7.01 1.06 | 41.18 -4.07 0.02 | 40.37 -2.90 0.00 |
| MOHAWK_PAPER___DRP 24187 | 43.48 0.85 0.00 | 42.22 0.79 0.00 | 40.88 0.76 0.00 | 40.46 0.83 0.00 | 40.98 0.76 0.00 | 44.29 0.65 0.00 | 63.49 1.06 0.00 | 89.99 0.98 0.00 | 78.09 1.00 0.00 | 52.54 0.78 0.00 | 46.33 0.86 0.00 | 45.15 0.89 0.00 | 43.95 0.90 0.00 | 43.24 0.85 0.00 | 43.70 0.94 0.00 | 45.89 0.94 0.00 | 54.61 1.23 0.00 | 68.72 1.54 0.00 | 87.17 2.05 0.21 | 76.71 1.28 0.00 | 60.62 1.36 0.00 | 52.38 1.23 0.00 | 46.23 0.95 0.00 | 43.96 0.69 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 44.25 1.62 0.00 | 42.96 1.53 0.00 | 41.56 1.44 0.00 | 41.09 1.47 0.00 | 41.66 1.45 0.00 | 45.07 1.44 0.00 | 64.74 2.31 0.00 | 91.77 2.76 0.00 | 79.48 2.39 0.00 | 53.00 1.24 0.00 | 46.42 0.95 0.00 | 45.11 0.84 0.00 | 43.87 0.82 0.00 | 43.12 0.72 0.00 | 43.57 0.81 0.00 | 45.98 1.03 0.00 | 54.83 1.44 0.00 | 69.66 2.49 0.00 | 88.45 3.33 0.21 | 77.61 2.19 0.00 | 61.45 2.19 0.00 | 52.94 1.79 0.00 | 46.91 1.63 0.00 | 44.57 1.30 0.00 |
| MONGAUP___HYD 23641 | 45.18 2.56 0.00 | 43.71 2.28 0.00 | 42.20 2.08 0.00 | 41.68 2.06 0.00 | 42.26 2.05 0.00 | 45.73 2.09 0.00 | 65.25 2.81 0.00 | 93.72 4.71 0.00 | 80.94 3.85 0.00 | 54.29 2.54 0.00 | 48.15 2.68 0.00 | 46.88 2.61 0.00 | 45.63 2.58 0.00 | 45.03 2.63 0.00 | 45.50 2.74 0.00 | 47.73 2.79 0.00 | 56.59 3.20 0.00 | 71.07 3.89 0.00 | 90.66 5.63 0.30 | 80.25 4.83 0.00 | 62.94 3.68 0.00 | 54.27 3.12 0.00 | 47.86 2.58 0.00 | 45.56 2.29 0.00 |
| MONTAUK___DIESEL 23721 | 45.01 2.39 0.00 | 43.21 1.78 0.00 | 41.72 1.60 0.00 | 41.21 1.58 0.00 | 41.90 1.69 0.00 | 45.20 1.57 0.00 | 55.59 -0.75 6.09 | 55.84 -0.09 33.08 | 56.75 0.15 20.50 | 52.78 1.04 0.02 | 48.15 2.68 0.00 | 47.28 3.01 0.00 | 46.30 3.19 -0.06 | 45.70 3.22 -0.09 | 46.20 3.38 -0.06 | 48.37 3.37 -0.06 | 54.93 1.60 0.05 | 68.31 1.14 0.01 | 87.44 2.39 0.28 | 77.15 1.73 0.01 | 60.38 1.13 0.01 | 52.42 1.28 0.01 | 48.08 2.81 0.00 | 45.87 2.60 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 40.24 -2.39 0.00 | 38.99 -2.44 0.00 | 38.43 -1.69 0.00 | 37.76 -1.86 0.00 | 38.32 -1.89 0.00 | 42.32 -1.31 0.00 | 59.44 -3.00 0.00 | 84.80 -4.18 0.03 | 73.29 -3.78 0.03 | 48.64 -3.11 0.01 | 42.76 -2.68 0.03 | 41.67 -2.57 0.03 | 40.57 -2.45 0.03 | 39.82 -2.54 0.03 | 40.04 -2.69 0.03 | 41.86 -3.06 0.02 | 49.51 -3.79 0.09 | 62.72 -4.43 0.02 | 78.93 -5.21 1.19 | 70.27 -5.13 0.02 | 54.81 -4.21 0.25 | 45.95 -3.94 1.26 | 42.18 -3.08 0.02 | 40.50 -2.77 0.00 |

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| MORRIS RIDGE___SOLAR 323848 | 40.50 -2.13 0.00 | 39.23 -2.20 0.00 | 38.47 -1.65 0.00 | 38.12 -1.51 0.00 | 38.49 -1.73 0.00 | 42.23 -1.40 0.00 | 59.06 -3.37 0.00 | 83.98 -4.98 0.04 | 72.73 -4.32 0.04 | 48.49 -3.26 0.01 | 41.74 -3.68 0.04 | 40.55 -3.67 0.04 | 39.48 -3.53 0.04 | 39.04 -3.31 0.04 | 39.34 -3.38 0.04 | 41.22 -3.68 0.04 | 48.95 -4.27 0.16 | 62.17 -4.97 0.04 | 77.91 -6.23 1.19 | 70.03 -5.35 0.04 | 54.32 -4.32 0.62 | 43.72 -4.09 3.34 | 42.07 -3.17 0.04 | 40.85 -2.42 0.00 |
| MORTIMER_115KV_TB3 55949 | 41.39 -1.24 0.00 | 40.15 -1.28 0.00 | 39.04 -1.08 0.00 | 38.48 -1.15 0.00 | 39.05 -1.17 0.00 | 42.59 -1.05 0.00 | 60.25 -2.19 0.00 | 85.70 -3.29 0.01 | 74.61 -2.47 0.01 | 49.74 -2.02 0.00 | 43.09 -2.36 0.01 | 41.99 -2.26 0.01 | 40.80 -2.24 0.01 | 40.30 -2.08 0.02 | 40.61 -2.14 0.02 | 42.64 -2.29 0.01 | 50.07 -3.26 0.06 | 63.94 -3.22 0.01 | 79.96 -4.18 1.19 | 72.32 -3.09 0.01 | 56.00 -3.26 0.00 | 48.21 -3.02 -0.07 | 42.73 -2.54 0.01 | 41.71 -1.56 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 45.40 2.77 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.42 2.21 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.37 4.36 0.00 | 81.10 4.01 0.00 | 55.12 3.36 0.00 | 49.15 3.68 0.00 | 47.85 3.59 0.00 | 46.71 3.66 0.00 | 46.04 3.65 0.00 | 46.57 3.81 0.00 | 48.72 3.78 0.00 | 57.40 4.00 -0.01 | 71.41 4.23 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.93 3.67 0.00 | 54.53 3.38 0.00 | 48.58 3.31 0.00 | 46.04 2.77 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 44.97 2.34 0.00 | 43.88 2.44 0.00 | 42.49 2.37 0.00 | 41.88 2.26 0.00 | 42.71 2.49 0.00 | 46.51 2.88 0.00 | 67.12 4.68 0.00 | 97.07 8.01 -0.05 | 83.31 6.17 -0.05 | 54.46 2.69 -0.02 | 47.42 1.91 -0.05 | 45.77 1.46 -0.05 | 44.26 1.16 -0.05 | 43.80 1.36 -0.05 | 43.93 1.11 -0.05 | 46.59 1.62 -0.03 | 56.34 2.83 -0.13 | 70.83 3.62 -0.03 | 89.99 5.63 0.98 | 81.11 5.66 -0.03 | 63.36 4.03 -0.07 | 54.42 3.12 -0.15 | 47.57 2.26 -0.03 | 45.39 2.12 0.00 |
| N SALMON___HYD 24042 | 43.56 0.94 0.00 | 42.51 1.08 0.00 | 41.24 1.12 0.00 | 40.73 1.11 0.00 | 41.34 1.12 0.00 | 45.16 1.53 0.00 | 64.62 2.18 0.00 | 92.21 3.20 0.00 | 79.48 2.39 0.00 | 53.41 1.66 0.00 | 46.70 1.23 0.00 | 45.46 1.20 0.00 | 44.04 0.99 0.00 | 43.29 0.89 0.00 | 43.53 0.77 0.00 | 45.93 0.99 0.00 | 54.61 1.23 0.00 | 68.59 1.41 0.00 | 86.87 1.54 0.00 | 77.08 1.66 0.00 | 60.62 1.36 0.00 | 52.58 1.43 0.00 | 46.82 1.54 0.00 | 44.92 1.64 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 40.92 -1.71 0.00 | 39.28 -2.15 0.00 | 38.76 -1.36 0.00 | 38.04 -1.58 0.00 | 38.56 -1.65 0.00 | 42.32 -1.31 0.00 | 58.38 -4.06 0.00 | 82.85 -6.14 0.02 | 72.29 -4.78 0.02 | 47.82 -3.93 0.01 | 41.36 -4.09 0.02 | 40.35 -3.90 0.02 | 39.20 -3.83 0.02 | 38.77 -3.60 0.02 | 39.02 -3.72 0.02 | 40.93 -4.00 0.02 | 47.80 -5.50 0.08 | 61.18 -5.98 0.02 | 76.46 -7.68 1.20 | 69.37 -6.03 0.02 | 53.53 -5.57 0.16 | 45.11 -5.22 0.82 | 41.14 -4.12 0.02 | 40.85 -2.42 0.00 |
| N.E_GEN_SANDY PD 24062 | 43.65 1.02 0.00 | 42.39 0.95 0.00 | 40.96 0.84 0.00 | 40.57 0.95 0.00 | 41.06 0.85 0.00 | 44.42 0.79 0.00 | 64.05 1.62 0.00 | 90.08 1.07 0.00 | 78.09 1.00 0.00 | 52.69 0.93 0.00 | 46.65 1.18 0.00 | 45.59 1.33 0.00 | 44.30 1.25 0.00 | 43.58 1.19 0.00 | 44.00 1.24 0.00 | 46.16 1.21 0.00 | 55.20 1.82 0.00 | 75.50 2.15 -6.18 | 89.20 2.81 -1.06 | 77.31 1.89 0.00 | 67.69 1.95 -6.48 | 53.10 1.69 -0.26 | 46.23 0.95 0.00 | 44.14 0.87 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 45.10 2.47 0.00 | 43.59 2.15 0.00 | 42.09 1.97 0.00 | 41.61 1.98 0.00 | 42.18 1.97 0.00 | 45.64 2.01 0.00 | 64.62 2.19 0.00 | 93.10 4.09 0.00 | 80.71 3.62 0.00 | 54.76 3.00 0.00 | 48.74 3.27 0.00 | 47.45 3.19 0.00 | 46.32 3.27 0.00 | 45.62 3.22 0.00 | 46.10 3.34 0.00 | 48.31 3.37 0.00 | 56.91 3.52 0.00 | 71.00 3.83 0.00 | 90.34 5.29 0.29 | 79.80 4.37 0.00 | 62.58 3.32 0.00 | 54.22 3.07 0.00 | 48.22 2.94 0.00 | 45.69 2.42 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 45.86 3.24 0.00 | 44.33 2.90 0.00 | 42.77 2.65 0.00 | 42.28 2.65 0.00 | 42.87 2.65 0.00 | 46.39 2.75 -0.01 | 64.80 2.37 0.00 | 93.55 4.54 0.00 | 81.10 4.01 0.00 | 54.81 3.05 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.54 3.60 0.00 | 57.18 3.79 -0.01 | 71.41 4.23 0.00 | 90.94 5.89 0.28 | 80.33 4.90 0.00 | 62.76 3.50 0.00 | 54.79 3.63 0.00 | 49.09 3.80 -0.01 | 46.57 3.29 -0.01 |
| N.TROY___115KV_TB1 355778 | 43.73 1.11 0.00 | 42.47 1.04 0.00 | 41.08 0.96 0.00 | 40.65 1.03 0.00 | 41.18 0.97 0.00 | 44.55 0.92 0.00 | 63.99 1.56 0.00 | 90.43 1.42 0.00 | 78.40 1.31 0.00 | 52.79 1.04 0.00 | 46.47 1.00 0.00 | 45.37 1.11 0.00 | 44.17 1.12 0.00 | 43.41 1.02 0.00 | 43.83 1.07 0.00 | 46.07 1.12 0.00 | 54.93 1.55 0.00 | 69.19 2.02 0.00 | 87.86 2.73 0.21 | 77.16 1.73 0.00 | 61.04 1.78 0.00 | 52.74 1.59 0.00 | 46.50 1.22 0.00 | 44.22 0.95 0.00 |
| NARROWS_GT1_1 24228 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT1_2 24229 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT1_3 24230 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT1_4 24231 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT1_5 24232 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|
| NARROWS_GT1_6 24233 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT1_7 24234 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT1_8 24235 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT2_1 24236 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT2_2 24237 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT2_3 24238 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT2_4 24239 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT2_5 24240 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT2_6 24241 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT2_7 24242 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NARROWS_GT2_8 24243 | 45.87 3.24 -0.01 | 44.30 2.86 -0.01 | 42.78 2.65 -0.01 | 42.25 2.61 -0.01 | 42.80 2.58 -0.01 | 46.35 2.71 -0.01 | 64.94 2.50 -0.01 | 93.45 4.45 0.01 | 81.17 4.08 0.01 | 55.01 3.26 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.48 3.72 0.00 | 48.58 3.64 0.00 | 57.34 3.95 -0.01 | 71.40 4.23 0.01 | 90.86 5.81 0.28 | 80.25 4.83 0.01 | 63.05 3.80 0.01 | 54.68 3.53 0.00 | 48.58 3.30 0.00 | 46.40 3.12 -0.01 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 43.73 1.11 0.00 | 42.47 1.04 0.00 | 41.12 1.00 0.00 | 40.69 1.07 0.00 | 41.22 1.01 0.00 | 44.46 0.83 0.00 | 63.99 1.56 0.00 | 91.06 2.05 0.00 | 78.48 1.39 0.00 | 52.28 0.52 0.00 | 45.97 0.50 0.00 | 44.71 0.44 0.00 | 43.48 0.43 0.00 | 42.74 0.34 0.00 | 43.28 0.51 0.00 | 45.53 0.58 0.00 | 54.40 1.01 0.00 | 68.99 1.81 0.00 | 87.76 2.65 0.22 | 77.31 1.89 0.00 | 60.98 1.72 0.00 | 52.59 1.43 0.00 | 46.41 1.13 0.00 | 44.09 0.82 0.00 |
| NCHELSEA_115KV_TR2 355582 | 45.14 2.51 0.00 | 43.71 2.28 0.00 | 42.21 2.09 0.00 | 41.68 2.06 0.00 | 42.30 2.09 0.00 | 45.68 2.05 0.00 | 64.93 2.50 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.66 2.90 0.00 | 48.56 3.09 0.00 | 47.23 2.97 0.00 | 46.06 3.01 0.00 | 45.36 2.97 0.00 | 45.84 3.08 0.00 | 48.05 3.10 0.00 | 56.80 3.42 0.00 | 71.07 3.90 0.00 | 90.43 5.38 0.27 | 79.95 4.53 0.00 | 62.70 3.44 0.00 | 54.27 3.12 0.00 | 48.22 2.94 0.00 | 45.65 2.38 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 44.25 1.62 0.00 | 42.97 1.53 0.00 | 41.56 1.44 0.00 | 41.13 1.51 0.00 | 41.66 1.45 0.00 | 45.12 1.48 0.00 | 64.87 2.43 0.00 | 91.86 2.85 0.00 | 79.56 2.47 0.00 | 53.26 1.50 0.00 | 46.83 1.36 0.00 | 45.55 1.28 0.00 | 44.30 1.25 0.00 | 43.58 1.19 0.00 | 44.04 1.28 0.00 | 46.34 1.39 0.00 | 55.36 1.98 0.00 | 69.93 2.76 0.00 | 88.80 3.67 0.20 | 78.06 2.64 0.00 | 61.75 2.49 0.00 | 53.20 2.05 0.00 | 46.82 1.54 0.00 | 44.66 1.38 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 40.79 -1.83 0.00 | 39.57 -1.86 0.00 | 38.44 -1.68 0.00 | 38.04 -1.59 0.00 | 38.56 -1.65 0.00 | 41.97 -1.66 0.00 | 59.69 -2.75 0.00 | 85.08 -3.91 0.01 | 74.07 -3.01 0.01 | 49.58 -2.17 0.00 | 42.82 -2.64 0.01 | 41.68 -2.57 0.01 | 40.71 -2.33 0.01 | 40.01 -2.37 0.01 | 40.31 -2.44 0.01 | 42.55 -2.38 0.01 | 49.88 -3.47 0.04 | 63.94 -3.22 0.01 | 80.18 -4.01 1.14 | 72.02 -3.39 0.01 | 55.77 -3.50 -0.01 | 47.98 -3.27 -0.10 | 43.23 -2.04 0.01 | 41.37 -1.90 0.00 |

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| NEG CENTRAL___DRP 24199 | 42.11 -0.51 0.00 | 40.85 -0.58 0.00 | 39.68 -0.44 0.00 | 39.11 -0.52 0.00 | 39.73 -0.48 0.00 | 43.37 -0.26 0.00 | 61.75 -0.69 0.00 | 88.19 -0.80 0.01 | 76.46 -0.62 0.01 | 51.03 -0.72 0.01 | 44.59 -0.86 0.02 | 43.27 -0.97 0.02 | 42.09 -0.95 0.02 | 41.49 -0.89 0.02 | 41.85 -0.90 0.02 | 43.94 -0.99 0.01 | 52.04 -1.28 0.06 | 65.95 -1.21 0.01 | 83.07 -1.28 0.98 | 74.50 -0.91 0.01 | 58.29 -1.01 -0.04 | 50.50 -0.97 -0.32 | 44.31 -0.95 0.01 | 42.54 -0.74 0.00 |
| NEG CENTRAL___INDECK 23768 | 42.16 -0.47 0.00 | 40.85 -0.58 0.00 | 39.88 -0.24 0.00 | 39.55 -0.08 0.00 | 39.97 -0.24 0.00 | 43.81 0.18 0.00 | 62.00 -0.43 0.00 | 91.62 2.67 0.05 | 78.81 1.77 0.05 | 51.69 -0.05 0.02 | 43.91 -1.50 0.06 | 42.35 -1.86 0.06 | 41.19 -1.81 0.06 | 40.53 -1.82 0.04 | 40.88 -1.84 0.04 | 43.07 -1.84 0.03 | 50.89 -2.35 0.14 | 65.60 -1.54 0.03 | 82.60 -1.53 1.19 | 74.33 -1.06 0.03 | 58.44 -1.48 -0.66 | 53.44 -1.74 -4.03 | 44.38 -0.86 0.03 | 42.75 -0.52 0.00 |
| NEG CENTRAL___SENECA 23627 | 42.03 -0.60 0.00 | 40.69 -0.75 0.00 | 39.60 -0.52 0.00 | 39.03 -0.59 0.00 | 39.65 -0.56 0.00 | 43.41 -0.22 0.00 | 61.50 -0.94 0.00 | 87.91 -1.07 0.03 | 76.14 -0.93 0.03 | 50.77 -0.98 0.01 | 44.30 -1.14 0.03 | 42.95 -1.28 0.03 | 41.77 -1.25 0.03 | 41.22 -1.14 0.03 | 41.57 -1.15 0.03 | 43.61 -1.30 0.03 | 51.57 -1.71 0.11 | 65.54 -1.61 0.03 | 82.44 -1.79 1.10 | 74.12 -1.28 0.03 | 57.95 -1.36 -0.05 | 50.30 -1.33 -0.47 | 44.07 -1.18 0.03 | 42.36 -0.91 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 42.37 -0.26 0.00 | 41.10 -0.33 0.00 | 39.88 -0.24 0.00 | 39.31 -0.32 0.00 | 39.93 -0.28 0.00 | 43.50 -0.13 0.00 | 62.18 -0.25 0.00 | 89.40 0.36 -0.03 | 77.43 0.31 -0.03 | 51.61 -0.16 -0.01 | 45.18 -0.32 -0.03 | 43.85 -0.44 -0.03 | 42.65 -0.43 -0.03 | 42.05 -0.38 -0.03 | 42.41 -0.38 -0.03 | 44.38 -0.58 -0.02 | 52.77 -0.69 -0.08 | 66.59 -0.60 -0.02 | 83.94 -0.43 0.96 | 75.22 -0.23 -0.02 | 58.92 -0.41 -0.08 | 50.94 -0.46 -0.25 | 44.75 -0.54 -0.02 | 42.84 -0.43 0.00 |
| NEG MILLWOOD___DRP 24198 | 45.27 2.64 0.00 | 43.84 2.40 0.00 | 42.37 2.25 0.00 | 41.84 2.22 0.00 | 42.47 2.25 0.00 | 45.81 2.18 0.00 | 65.06 2.62 0.00 | 93.64 4.63 0.00 | 81.41 4.32 0.00 | 55.02 3.26 0.00 | 48.88 3.41 0.00 | 47.54 3.28 0.00 | 46.37 3.31 0.00 | 45.70 3.31 0.00 | 46.23 3.46 0.00 | 48.40 3.46 0.00 | 57.23 3.84 0.00 | 71.41 4.23 0.00 | 90.86 5.80 0.27 | 80.25 4.83 0.00 | 62.88 3.61 0.00 | 54.48 3.32 0.00 | 48.36 3.08 0.00 | 45.82 2.55 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 43.05 0.43 0.00 | 41.97 0.54 0.00 | 40.72 0.60 0.00 | 40.22 0.59 0.00 | 40.86 0.64 0.00 | 44.55 0.92 0.00 | 63.99 1.56 0.00 | 91.32 2.31 0.00 | 78.56 1.46 0.00 | 52.64 0.88 0.00 | 46.38 0.91 0.00 | 45.15 0.89 0.00 | 43.83 0.77 0.00 | 43.07 0.68 0.00 | 43.36 0.60 0.00 | 45.98 1.03 0.00 | 53.97 0.59 0.00 | 67.98 0.81 0.00 | 86.10 0.77 0.00 | 76.33 0.91 0.00 | 59.91 0.65 0.00 | 51.66 0.51 0.00 | 46.14 0.86 0.00 | 44.66 1.38 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 42.92 0.30 0.00 | 41.85 0.41 0.00 | 40.60 0.48 0.00 | 40.14 0.52 0.00 | 40.74 0.52 0.00 | 44.42 0.79 0.00 | 63.74 1.31 0.00 | 90.88 1.87 0.00 | 78.56 1.46 0.00 | 52.64 0.88 0.00 | 46.20 0.73 0.00 | 44.93 0.66 0.00 | 43.61 0.56 0.00 | 42.90 0.51 0.00 | 43.23 0.47 0.00 | 45.48 0.54 0.00 | 54.02 0.64 0.00 | 68.11 0.94 0.00 | 86.27 0.94 0.00 | 76.48 1.06 0.00 | 60.03 0.77 0.00 | 51.77 0.61 0.00 | 46.05 0.77 0.00 | 44.22 0.95 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 43.27 0.64 0.00 | 42.22 0.79 0.00 | 40.96 0.84 0.00 | 40.46 0.83 0.00 | 41.06 0.84 0.00 | 44.81 1.18 0.00 | 64.56 2.12 0.00 | 92.12 3.12 0.00 | 79.25 2.16 0.00 | 53.05 1.29 0.00 | 46.56 1.09 0.00 | 45.33 1.06 0.00 | 44.00 0.95 0.00 | 43.24 0.85 0.00 | 43.53 0.77 0.00 | 46.11 1.17 0.00 | 54.34 0.96 0.00 | 68.58 1.41 0.00 | 86.95 1.62 0.00 | 77.08 1.66 0.00 | 60.50 1.24 0.00 | 52.07 0.92 0.00 | 46.41 1.13 0.00 | 44.74 1.47 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 43.27 0.64 0.00 | 42.22 0.79 0.00 | 40.96 0.84 0.00 | 40.46 0.83 0.00 | 41.06 0.84 0.00 | 44.81 1.18 0.00 | 64.56 2.12 0.00 | 92.12 3.12 0.00 | 79.25 2.16 0.00 | 53.05 1.29 0.00 | 46.56 1.09 0.00 | 45.33 1.06 0.00 | 44.00 0.95 0.00 | 43.24 0.85 0.00 | 43.53 0.77 0.00 | 46.11 1.17 0.00 | 54.34 0.96 0.00 | 68.58 1.41 0.00 | 86.95 1.62 0.00 | 77.08 1.66 0.00 | 60.50 1.24 0.00 | 52.07 0.92 0.00 | 46.41 1.13 0.00 | 44.74 1.47 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 43.27 0.64 0.00 | 42.22 0.79 0.00 | 40.96 0.84 0.00 | 40.46 0.83 0.00 | 41.06 0.85 0.00 | 44.81 1.18 0.00 | 63.62 1.18 0.00 | 90.35 1.34 0.00 | 78.02 0.93 0.00 | 52.64 0.88 0.00 | 46.19 0.73 0.00 | 44.97 0.71 0.00 | 43.61 0.56 0.00 | 42.91 0.51 0.00 | 43.19 0.43 0.00 | 45.57 0.63 0.00 | 53.92 0.53 0.00 | 67.58 0.41 0.00 | 85.68 0.34 0.00 | 75.96 0.53 0.00 | 59.85 0.59 0.00 | 52.08 0.92 0.00 | 46.45 1.18 0.00 | 44.79 1.51 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 40.24 -2.39 0.00 | 38.66 -2.78 0.00 | 38.15 -1.97 0.00 | 37.41 -2.22 0.00 | 37.92 -2.29 0.00 | 41.67 -1.96 0.00 | 57.06 -5.37 0.00 | 80.80 -8.19 0.02 | 70.52 -6.55 0.02 | 46.78 -4.97 0.01 | 40.58 -4.87 0.02 | 39.59 -4.65 0.02 | 38.51 -4.52 0.02 | 38.09 -4.28 0.03 | 38.29 -4.45 0.03 | 40.16 -4.76 0.02 | 46.73 -6.57 0.09 | 59.63 -7.52 0.02 | 74.41 -9.73 1.20 | 67.48 -7.92 0.02 | 52.07 -6.99 0.20 | 43.73 -6.39 1.03 | 40.19 -5.07 0.02 | 40.03 -3.25 0.00 |
| NEG WEST___LANCASTR 23811 | 39.64 -2.98 0.00 | 38.28 -3.15 0.00 | 37.63 -2.49 0.00 | 36.93 -2.69 0.00 | 37.40 -2.81 0.00 | 41.19 -2.44 0.00 | 57.38 -5.06 0.00 | 81.95 -7.03 0.03 | 70.82 -6.24 0.03 | 46.73 -5.02 0.01 | 42.03 -3.41 0.03 | 41.01 -3.23 0.03 | 40.01 -3.01 0.03 | 39.14 -3.22 0.03 | 39.61 -3.12 0.03 | 41.01 -3.91 0.02 | 50.16 -3.15 0.07 | 62.51 -4.63 0.02 | 78.17 -5.97 1.19 | 68.91 -6.49 0.02 | 55.81 -3.20 0.25 | 46.87 -3.02 1.27 | 42.81 -2.44 0.02 | 39.68 -3.59 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 42.88 0.26 0.00 | 41.60 0.17 0.00 | 40.40 0.28 0.00 | 39.90 0.28 0.00 | 40.46 0.24 0.00 | 44.02 0.39 0.00 | 62.68 0.25 0.00 | 89.54 0.54 0.01 | 77.63 0.54 0.01 | 51.97 0.21 0.00 | 45.60 0.14 0.00 | 44.30 0.04 0.00 | 43.05 0.00 0.00 | 42.52 0.13 0.00 | 42.85 0.09 0.00 | 44.99 0.04 0.00 | 53.60 0.21 0.00 | 67.31 0.13 0.00 | 84.66 0.43 1.10 | 75.96 0.53 0.00 | 59.62 0.42 0.06 | 51.10 0.21 0.26 | 45.28 0.00 0.00 | 43.45 0.17 0.00 |
| NEG___GEN_MONROE 24207 | 41.48 -1.15 0.00 | 40.15 -1.28 0.00 | 39.12 -1.00 0.00 | 38.51 -1.11 0.00 | 39.09 -1.13 0.00 | 42.67 -0.96 0.00 | 60.06 -2.37 0.00 | 85.35 -3.65 0.01 | 74.30 -2.78 0.01 | 49.48 -2.28 0.00 | 42.86 -2.59 0.01 | 41.77 -2.48 0.01 | 40.58 -2.45 0.01 | 40.05 -2.33 0.02 | 40.35 -2.39 0.02 | 42.37 -2.56 0.01 | 49.70 -3.63 0.06 | 63.47 -3.69 0.01 | 79.36 -4.78 1.19 | 71.94 -3.47 0.01 | 55.74 -3.50 0.03 | 47.76 -3.32 0.07 | 42.59 -2.67 0.01 | 41.76 -1.51 0.00 |
| NEPA___ENERGY 23901 | 40.37 -2.26 0.00 | 39.07 -2.36 0.00 | 38.31 -1.81 0.00 | 37.64 -1.98 0.00 | 38.16 -2.05 0.00 | 42.02 -1.61 0.00 | 58.56 -3.87 0.00 | 83.55 -5.43 0.03 | 72.13 -4.93 0.03 | 47.97 -3.78 0.01 | 42.12 -3.32 0.03 | 41.05 -3.19 0.03 | 40.01 -3.01 0.03 | 39.36 -3.01 0.03 | 39.65 -3.08 0.03 | 41.37 -3.55 0.02 | 48.97 -4.32 0.09 | 62.04 -5.11 0.02 | 77.91 -6.23 1.19 | 69.82 -5.58 0.02 | 54.51 -4.50 0.24 | 45.72 -4.19 1.24 | 41.99 -3.26 0.02 | 40.42 -2.86 0.00 |

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| NEVERSINK___HYD 23608 | 45.23 2.60 0.00 | 43.83 2.40 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.81 2.18 0.00 | 65.43 3.00 0.00 | 94.08 5.07 0.00 | 81.33 4.24 0.00 | 54.55 2.79 0.00 | 48.33 2.87 0.00 | 47.05 2.79 0.00 | 45.76 2.71 0.00 | 45.15 2.75 0.00 | 45.58 2.82 0.00 | 47.82 2.88 0.00 | 56.75 3.37 0.00 | 71.14 3.96 0.00 | 90.65 5.63 0.31 | 80.32 4.90 0.00 | 63.06 3.80 0.00 | 54.38 3.22 0.00 | 47.95 2.67 0.00 | 45.65 2.38 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 42.92 0.30 0.00 | 41.72 0.29 0.00 | 40.40 0.28 0.00 | 39.94 0.32 0.00 | 40.45 0.24 0.00 | 43.72 0.09 0.00 | 62.62 0.19 0.00 | 88.83 -0.18 0.00 | 77.09 0.00 0.00 | 51.91 0.16 0.00 | 45.88 0.41 0.00 | 44.71 0.44 0.00 | 43.57 0.52 0.00 | 42.82 0.42 0.00 | 43.32 0.56 0.00 | 45.44 0.49 0.00 | 53.97 0.59 0.00 | 67.85 0.67 0.00 | 86.06 0.94 0.21 | 75.80 0.38 0.00 | 59.85 0.59 0.00 | 51.72 0.56 0.00 | 45.69 0.41 0.00 | 43.44 0.17 0.00 |
| NEWTON___FALLS_HYD 23847 | 43.86 1.24 0.00 | 42.76 1.33 0.00 | 41.40 1.28 0.00 | 40.81 1.19 0.00 | 41.54 1.33 0.00 | 45.29 1.66 0.00 | 64.74 2.31 0.00 | 92.84 3.83 0.00 | 79.71 2.62 0.00 | 53.00 1.24 0.00 | 46.51 1.05 0.00 | 45.15 0.89 0.00 | 43.74 0.69 0.00 | 43.07 0.68 0.00 | 43.32 0.56 0.00 | 45.80 0.85 0.00 | 54.72 1.33 0.00 | 68.45 1.28 0.00 | 87.04 1.71 0.00 | 77.54 2.11 0.00 | 60.68 1.42 0.00 | 52.89 1.74 0.00 | 46.86 1.58 0.00 | 44.79 1.51 0.00 |
| NGRID_A1_DSASP 323792 | 39.21 -3.41 0.00 | 38.04 -3.40 0.00 | 37.27 -2.85 0.00 | 36.89 -2.73 0.00 | 37.16 -3.06 0.00 | 40.58 -3.06 0.00 | 55.94 -6.49 0.00 | 79.19 -9.79 0.02 | 69.28 -7.78 0.02 | 46.63 -5.13 0.01 | 39.76 -5.69 0.02 | 38.79 -5.45 0.02 | 38.16 -4.86 0.02 | 37.45 -4.92 0.03 | 37.60 -5.13 0.03 | 39.76 -5.17 0.02 | 45.53 -7.74 0.12 | 59.02 -8.13 0.02 | 73.63 -10.50 1.20 | 66.35 -9.05 0.02 | 50.77 -8.24 0.25 | 42.47 -7.47 1.22 | 41.00 -4.26 0.02 | 39.46 -3.81 0.00 |
| NGRID_A2_DSASP 323793 | 39.21 -3.41 0.00 | 38.04 -3.40 0.00 | 37.27 -2.85 0.00 | 36.89 -2.73 0.00 | 37.16 -3.06 0.00 | 40.58 -3.06 0.00 | 55.94 -6.49 0.00 | 79.19 -9.79 0.02 | 69.28 -7.78 0.02 | 46.63 -5.13 0.01 | 39.76 -5.69 0.02 | 38.79 -5.45 0.02 | 38.16 -4.86 0.02 | 37.45 -4.92 0.03 | 37.60 -5.13 0.03 | 39.76 -5.17 0.02 | 45.53 -7.74 0.12 | 59.02 -8.13 0.02 | 73.63 -10.50 1.20 | 66.35 -9.05 0.02 | 50.77 -8.24 0.25 | 42.47 -7.47 1.22 | 41.00 -4.26 0.02 | 39.46 -3.81 0.00 |
| NGRID_A4_DSASP 323807 | 39.21 -3.41 0.00 | 38.04 -3.40 0.00 | 37.27 -2.85 0.00 | 36.89 -2.73 0.00 | 37.16 -3.06 0.00 | 40.58 -3.06 0.00 | 55.94 -6.49 0.00 | 79.19 -9.79 0.02 | 69.28 -7.78 0.02 | 46.63 -5.13 0.01 | 39.76 -5.69 0.02 | 38.79 -5.45 0.02 | 38.16 -4.86 0.02 | 37.45 -4.92 0.03 | 37.60 -5.13 0.03 | 39.76 -5.17 0.02 | 45.53 -7.74 0.12 | 59.02 -8.13 0.02 | 73.63 -10.50 1.20 | 66.35 -9.05 0.02 | 50.77 -8.24 0.25 | 42.47 -7.47 1.22 | 41.00 -4.26 0.02 | 39.46 -3.81 0.00 |
| NIAGARA_115E_LBMP 323715 | 39.94 -2.68 0.00 | 38.74 -2.69 0.00 | 37.95 -2.17 0.00 | 37.56 -2.06 0.00 | 37.84 -2.37 0.00 | 41.36 -2.27 0.00 | 56.13 -6.30 0.00 | 79.46 -9.52 0.02 | 69.52 -7.55 0.02 | 46.73 -5.02 0.01 | 39.90 -5.55 0.02 | 38.93 -5.31 0.02 | 38.21 -4.82 0.02 | 37.54 -4.83 0.03 | 37.73 -5.00 0.03 | 39.84 -5.08 0.02 | 45.81 -7.47 0.10 | 59.22 -7.93 0.02 | 73.89 -10.24 1.20 | 66.58 -8.82 0.02 | 51.11 -7.94 0.21 | 42.68 -7.37 1.11 | 40.95 -4.30 0.02 | 40.24 -3.03 0.00 |
| NIAGARA_115W_LBMP 323714 | 39.13 -3.49 0.00 | 37.95 -3.48 0.00 | 37.19 -2.93 0.00 | 36.81 -2.81 0.00 | 37.04 -3.18 0.00 | 40.49 -3.14 0.00 | 55.81 -6.62 0.00 | 78.93 -10.06 0.02 | 69.13 -7.94 0.02 | 46.53 -5.23 0.01 | 39.67 -5.78 0.02 | 38.71 -5.53 0.02 | 38.08 -4.95 0.02 | 37.32 -5.05 0.03 | 37.52 -5.22 0.03 | 39.66 -5.26 0.02 | 45.42 -7.85 0.11 | 58.89 -8.26 0.02 | 73.38 -10.75 1.20 | 66.20 -9.20 0.02 | 50.65 -8.35 0.25 | 42.37 -7.57 1.21 | 40.91 -4.35 0.02 | 39.38 -3.89 0.00 |
| NIAGARA_230_LBMP 323716 | 39.73 -2.90 0.00 | 38.53 -2.90 0.00 | 37.71 -2.41 0.00 | 37.33 -2.30 0.00 | 37.60 -2.61 0.00 | 41.10 -2.53 0.00 | 56.69 -5.74 0.00 | 80.27 -8.72 0.02 | 70.21 -6.86 0.02 | 47.25 -4.50 0.01 | 40.40 -5.05 0.02 | 39.37 -4.87 0.02 | 38.68 -4.35 0.02 | 37.96 -4.41 0.03 | 38.20 -4.53 0.03 | 40.29 -4.63 0.02 | 46.35 -6.94 0.09 | 59.90 -7.26 0.02 | 74.74 -9.39 1.20 | 67.33 -8.07 0.02 | 51.62 -7.41 0.23 | 43.21 -6.75 1.19 | 41.41 -3.85 0.02 | 40.03 -3.25 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 39.17 -3.45 0.00 | 38.66 -2.78 0.00 | 37.15 -2.97 0.00 | 36.38 -3.25 0.00 | 36.88 -3.34 0.00 | 40.49 -3.14 0.00 | 55.69 -6.74 0.00 | 78.66 -10.32 0.02 | 68.82 -8.25 0.02 | 45.70 -6.06 0.01 | 39.63 -5.82 0.02 | 38.66 -5.58 0.02 | 37.60 -5.42 0.02 | 37.24 -5.13 0.03 | 37.43 -5.30 0.03 | 39.26 -5.66 0.02 | 45.43 -7.85 0.11 | 57.95 -9.20 0.02 | 72.19 -11.95 1.20 | 65.67 -9.73 0.02 | 50.53 -8.47 0.25 | 42.32 -7.62 1.21 | 39.10 -6.16 0.02 | 38.86 -4.41 0.00 |
| NIAGARA____ 23760 | 39.73 -2.90 0.00 | 38.53 -2.90 0.00 | 37.71 -2.41 0.00 | 37.33 -2.30 0.00 | 37.60 -2.61 0.00 | 41.10 -2.53 0.00 | 56.69 -5.74 0.00 | 80.27 -8.72 0.02 | 70.21 -6.86 0.02 | 47.25 -4.50 0.01 | 40.40 -5.05 0.02 | 39.37 -4.87 0.02 | 38.68 -4.35 0.02 | 37.96 -4.41 0.03 | 38.20 -4.53 0.03 | 40.29 -4.63 0.02 | 46.34 -6.94 0.10 | 59.90 -7.26 0.02 | 74.74 -9.39 1.20 | 67.33 -8.07 0.02 | 51.62 -7.41 0.23 | 43.23 -6.75 1.17 | 41.41 -3.85 0.02 | 40.03 -3.25 0.00 |
| NINE_MILE_1 23575 | 41.26 -1.37 0.00 | 40.10 -1.33 0.00 | 38.83 -1.29 0.00 | 38.32 -1.31 0.00 | 38.92 -1.29 0.00 | 42.28 -1.35 0.00 | 60.43 -2.00 0.00 | 86.16 -2.85 0.00 | 74.70 -2.39 0.00 | 50.05 -1.71 0.00 | 43.88 -1.59 0.00 | 42.67 -1.59 0.00 | 41.54 -1.51 0.00 | 40.91 -1.49 0.00 | 41.26 -1.50 0.00 | 43.37 -1.57 0.00 | 51.41 -1.97 0.00 | 64.96 -2.22 0.00 | 73.28 -2.81 9.24 | 73.08 -2.34 0.00 | 57.25 -2.02 0.00 | 49.36 -1.79 0.00 | 43.78 -1.49 0.00 | 41.84 -1.43 0.00 |
| NINE_MILE_2 23744 | 41.26 -1.37 0.00 | 40.10 -1.33 0.00 | 38.83 -1.29 0.00 | 38.32 -1.31 0.00 | 38.92 -1.29 0.00 | 42.28 -1.35 0.00 | 60.43 -2.00 0.00 | 86.16 -2.85 0.00 | 74.70 -2.39 0.00 | 50.05 -1.71 0.00 | 43.88 -1.59 0.00 | 42.67 -1.59 0.00 | 41.54 -1.51 0.00 | 40.91 -1.49 0.00 | 41.26 -1.50 0.00 | 43.37 -1.57 0.00 | 51.46 -1.92 0.00 | 64.96 -2.22 0.00 | 73.29 -2.73 9.31 | 73.08 -2.34 0.00 | 57.25 -2.02 0.00 | 49.36 -1.79 0.00 | 43.78 -1.49 0.00 | 41.84 -1.43 0.00 |
| NM_CAPITAL___DRP 24208 | 42.92 0.30 0.00 | 41.68 0.25 0.00 | 40.36 0.24 0.00 | 39.94 0.32 0.00 | 40.45 0.24 0.00 | 43.72 0.09 0.00 | 62.56 0.12 0.00 | 88.74 -0.27 0.00 | 77.01 -0.08 0.00 | 51.91 0.16 0.00 | 45.83 0.36 0.00 | 44.71 0.44 0.00 | 43.57 0.52 0.00 | 42.82 0.42 0.00 | 43.32 0.56 0.00 | 45.44 0.49 0.00 | 53.97 0.59 0.00 | 67.85 0.67 0.00 | 86.06 0.94 0.21 | 75.73 0.30 0.00 | 59.85 0.59 0.00 | 51.72 0.56 0.00 | 45.64 0.36 0.00 | 43.44 0.17 0.00 |
| NM_CENTRAL___DRP 24181 | 42.03 -0.60 0.00 | 40.77 -0.66 0.00 | 39.52 -0.60 0.00 | 38.99 -0.63 0.00 | 39.61 -0.60 0.00 | 43.02 -0.61 0.00 | 61.50 -0.94 0.00 | 87.94 -1.07 0.00 | 76.24 -0.85 0.00 | 51.03 -0.72 0.00 | 44.74 -0.73 0.00 | 43.51 -0.75 0.00 | 42.32 -0.73 0.00 | 41.72 -0.68 0.00 | 42.04 -0.73 0.00 | 44.18 -0.76 0.00 | 52.42 -0.96 0.00 | 66.10 -1.07 0.00 | 82.65 -1.28 1.40 | 74.44 -0.98 0.00 | 58.31 -0.95 0.00 | 50.23 -0.92 0.00 | 44.42 -0.86 0.00 | 42.54 -0.74 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NM_FRONTIER___DRP 24179 | 39.17 -3.45 0.00 | 38.66 -2.78 0.00 | 37.15 -2.97 0.00 | 36.38 -3.25 0.00 | 36.88 -3.34 0.00 | 40.49 -3.14 0.00 | 55.69 -6.74 0.00 | 78.66 -10.32 0.02 | 68.82 -8.25 0.02 | 45.70 -6.06 0.01 | 39.63 -5.82 0.02 | 38.66 -5.58 0.02 | 37.60 -5.42 0.02 | 37.24 -5.13 0.03 | 37.43 -5.30 0.03 | 39.26 -5.66 0.02 | 45.43 -7.85 0.11 | 57.95 -9.20 0.02 | 72.19 -11.95 1.20 | 65.67 -9.73 0.02 | 50.53 -8.47 0.25 | 42.32 -7.62 1.21 | 39.10 -6.16 0.02 | 38.86 -4.41 0.00 |
| NM_ST_REGIS___HYD 24053 | 43.82 1.19 0.00 | 42.76 1.33 0.00 | 41.44 1.32 0.00 | 40.89 1.27 0.00 | 41.54 1.33 0.00 | 45.33 1.70 0.00 | 64.99 2.56 0.00 | 92.84 3.83 0.00 | 79.94 2.85 0.00 | 53.57 1.81 0.00 | 46.83 1.36 0.00 | 45.55 1.28 0.00 | 44.13 1.08 0.00 | 43.41 1.02 0.00 | 43.66 0.90 0.00 | 46.07 1.12 0.00 | 54.93 1.55 0.00 | 68.92 1.75 0.00 | 87.04 1.71 0.00 | 77.38 1.96 0.00 | 60.68 1.42 0.00 | 52.74 1.59 0.00 | 46.95 1.68 0.00 | 45.00 1.73 0.00 |
| NORTHPORT___1 23551 | 45.27 2.64 0.00 | 43.54 2.11 0.00 | 42.05 1.93 0.00 | 41.45 1.82 0.00 | 42.14 1.93 0.00 | 45.46 1.83 0.00 | 56.64 0.38 6.17 | 56.94 1.42 33.48 | 57.73 1.39 20.75 | 53.25 1.50 0.02 | 48.60 3.13 0.01 | 47.81 3.54 0.00 | 46.72 3.62 -0.05 | 46.24 3.77 -0.07 | 46.67 3.85 -0.05 | 48.59 3.60 -0.05 | 55.57 2.24 0.06 | 69.04 1.88 0.01 | 88.04 2.99 0.28 | 77.76 2.34 0.01 | 61.09 1.84 0.01 | 52.89 1.74 0.01 | 47.04 1.76 0.01 | 45.48 2.21 0.00 |
| NORTHPORT___2 23552 | 45.27 2.64 0.00 | 43.54 2.11 0.00 | 42.05 1.93 0.00 | 41.45 1.82 0.00 | 42.14 1.93 0.00 | 45.46 1.83 0.00 | 56.64 0.38 6.17 | 56.94 1.42 33.48 | 57.73 1.39 20.75 | 53.25 1.50 0.02 | 48.60 3.13 0.01 | 47.81 3.54 0.00 | 46.72 3.62 -0.05 | 46.24 3.77 -0.07 | 46.67 3.85 -0.05 | 48.59 3.60 -0.05 | 55.57 2.24 0.06 | 69.04 1.88 0.01 | 88.04 2.99 0.28 | 77.76 2.34 0.01 | 61.09 1.84 0.01 | 52.89 1.74 0.01 | 47.04 1.76 0.01 | 45.48 2.21 0.00 |
| NORTHPORT___3 23553 | 45.18 2.56 0.00 | 43.46 2.03 0.00 | 41.97 1.85 0.00 | 41.37 1.74 0.00 | 42.06 1.85 0.00 | 45.38 1.75 0.00 | 56.54 0.25 6.14 | 56.92 1.25 33.34 | 57.66 1.23 20.66 | 53.09 1.34 0.02 | 48.51 3.05 0.01 | 47.72 3.45 0.00 | 46.63 3.53 -0.05 | 46.16 3.69 -0.07 | 46.58 3.76 -0.06 | 48.46 3.46 -0.05 | 55.47 2.14 0.05 | 68.91 1.74 0.01 | 87.86 2.81 0.28 | 77.60 2.19 0.01 | 60.97 1.72 0.01 | 52.78 1.64 0.01 | 46.95 1.68 0.01 | 45.39 2.12 0.00 |
| NORTHPORT___4 23650 | 45.18 2.56 0.00 | 43.46 2.03 0.00 | 41.97 1.85 0.00 | 41.37 1.74 0.00 | 42.06 1.85 0.00 | 45.38 1.75 0.00 | 56.54 0.25 6.14 | 56.92 1.25 33.34 | 57.66 1.23 20.66 | 53.09 1.34 0.02 | 48.51 3.05 0.01 | 47.72 3.45 0.00 | 46.63 3.53 -0.05 | 46.16 3.69 -0.07 | 46.58 3.76 -0.06 | 48.46 3.46 -0.05 | 55.47 2.14 0.05 | 68.91 1.74 0.01 | 87.86 2.81 0.28 | 77.60 2.19 0.01 | 60.97 1.72 0.01 | 52.78 1.64 0.01 | 46.95 1.68 0.01 | 45.39 2.12 0.00 |
| NORTHPORT___IC 23718 | 45.27 2.64 0.00 | 43.55 2.11 0.00 | 42.05 1.93 0.00 | 41.53 1.90 0.00 | 42.18 1.97 0.00 | 45.51 1.88 0.00 | 56.58 0.31 6.17 | 56.86 1.34 33.48 | 57.65 1.31 20.75 | 53.30 1.55 0.02 | 48.69 3.23 0.01 | 47.67 3.41 0.00 | 46.72 3.62 -0.05 | 46.20 3.73 -0.07 | 46.58 3.76 -0.05 | 48.59 3.60 -0.05 | 55.46 2.14 0.06 | 69.11 1.95 0.01 | 88.12 3.07 0.28 | 77.75 2.34 0.01 | 61.03 1.78 0.01 | 52.94 1.79 0.01 | 48.53 3.26 0.01 | 46.04 2.77 0.00 |
| NORTH___COUNTRY_ESR 323785 | 42.84 0.21 0.00 | 41.76 0.33 0.00 | 40.52 0.40 0.00 | 40.02 0.40 0.00 | 40.66 0.44 0.00 | 44.29 0.66 0.00 | 63.19 0.75 0.00 | 89.99 0.98 0.00 | 77.78 0.69 0.00 | 52.38 0.62 0.00 | 45.97 0.50 0.00 | 44.75 0.49 0.00 | 43.39 0.34 0.00 | 42.69 0.30 0.00 | 43.02 0.26 0.00 | 45.26 0.32 0.00 | 53.71 0.32 0.00 | 67.38 0.20 0.00 | 85.33 0.00 0.00 | 75.57 0.15 0.00 | 59.50 0.24 0.00 | 51.66 0.51 0.00 | 45.96 0.68 0.00 | 44.14 0.87 0.00 |
| NPX_GEN_1385_PROXY 323591 | 45.14 2.51 0.00 | 43.54 2.11 0.00 | 42.05 1.93 0.00 | 41.45 1.82 0.00 | 42.14 1.93 0.00 | 45.46 1.83 0.00 | 63.88 0.56 -0.89 | 76.65 1.69 14.05 | 67.92 1.62 10.79 | 53.25 1.50 0.02 | 48.51 3.05 0.01 | 47.72 3.45 0.00 | 46.63 3.53 -0.05 | 46.15 3.69 -0.07 | 46.58 3.76 -0.05 | 46.36 3.41 2.00 | 55.52 2.19 0.06 | 68.98 1.81 0.01 | 87.78 2.73 0.28 | 74.60 2.11 2.93 | 61.03 1.78 0.01 | 52.78 1.64 0.01 | 46.95 1.68 0.01 | 45.35 2.08 0.00 |
| NPX_GEN_CSC 323557 | 45.48 2.86 0.00 | 43.71 2.28 0.00 | 42.20 2.08 0.00 | 41.60 1.98 0.00 | 42.34 2.13 0.00 | 45.64 2.01 0.00 | 56.78 0.44 6.10 | 57.25 1.34 33.10 | 57.97 1.39 20.51 | 53.50 1.76 0.02 | 48.65 3.18 0.00 | 47.99 3.72 0.00 | 46.85 3.74 -0.06 | 46.34 3.86 -0.08 | 46.84 4.02 -0.06 | 48.91 3.91 -0.06 | 55.79 2.46 0.05 | 69.31 2.15 0.01 | 88.55 3.50 0.28 | 78.21 2.79 0.01 | 61.38 2.13 0.01 | 53.19 2.05 0.01 | 47.31 2.04 0.00 | 45.74 2.47 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 44.16 1.53 0.00 | 42.88 1.45 0.00 | 41.48 1.36 0.00 | 41.05 1.43 0.00 | 41.58 1.37 0.00 | 44.99 1.35 0.00 | 64.62 2.19 0.00 | 91.59 2.58 0.00 | 79.33 2.24 0.00 | 52.90 1.14 0.00 | 46.38 0.91 0.00 | 45.02 0.75 0.00 | 43.78 0.73 0.00 | 43.03 0.64 0.00 | 43.49 0.73 0.00 | 45.89 0.94 0.00 | 54.72 1.33 0.00 | 69.52 2.35 0.00 | 88.28 3.16 0.21 | 77.46 2.04 0.00 | 61.33 2.07 0.00 | 52.84 1.69 0.00 | 46.82 1.54 0.00 | 44.53 1.25 0.00 |
| NUCOR_STEEL___DRP 24197 | 42.46 -0.17 0.00 | 41.22 -0.21 0.00 | 39.96 -0.16 0.00 | 39.43 -0.20 0.00 | 40.01 -0.20 0.00 | 43.50 -0.13 0.00 | 62.18 -0.25 0.00 | 88.21 -0.80 0.00 | 76.40 -0.69 0.00 | 51.09 -0.67 0.00 | 44.74 -0.73 0.00 | 43.47 -0.80 0.00 | 42.28 -0.77 0.00 | 41.68 -0.72 0.00 | 42.04 -0.73 0.00 | 44.40 -0.54 0.00 | 52.74 -0.64 0.00 | 66.64 -0.54 0.00 | 84.06 -0.43 0.85 | 75.27 -0.15 0.00 | 58.90 -0.36 0.00 | 50.74 -0.41 0.00 | 44.78 -0.50 0.00 | 42.93 -0.35 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 43.90 1.28 0.00 | 42.80 1.37 0.00 | 41.44 1.32 0.00 | 40.81 1.19 0.00 | 41.58 1.37 0.00 | 45.29 1.66 0.00 | 64.99 2.56 0.00 | 93.28 4.27 0.00 | 80.09 3.00 0.00 | 53.00 1.24 0.00 | 46.38 0.91 0.00 | 44.97 0.71 0.00 | 43.57 0.52 0.00 | 42.95 0.55 0.00 | 43.19 0.43 0.00 | 45.66 0.72 0.00 | 54.66 1.28 0.00 | 68.72 1.55 0.00 | 87.56 2.48 0.25 | 78.22 2.79 0.00 | 61.21 1.95 0.00 | 53.10 1.94 0.00 | 46.86 1.58 0.00 | 44.70 1.43 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 42.63 0.00 0.00 | 41.43 0.00 0.00 | 40.12 0.00 0.00 | 39.62 0.00 0.00 | 40.21 0.00 0.00 | 43.63 0.00 0.00 | 62.43 0.00 0.00 | 89.01 0.00 0.00 | 77.09 0.00 0.00 | 51.76 0.00 0.00 | 45.47 0.00 0.00 | 44.26 0.00 0.00 | 43.05 0.00 0.00 | 42.40 0.00 0.00 | 42.76 0.00 0.00 | 44.94 0.00 0.00 | 53.38 0.00 0.00 | 67.17 0.00 0.00 | 85.33 0.00 0.00 | 75.42 0.00 0.00 | 59.26 0.00 0.00 | 51.15 0.00 0.00 | 45.28 0.00 0.00 | 43.27 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 45.82 3.20 0.00 | 44.04 2.61 0.00 | 42.53 2.41 0.00 | 41.92 2.30 0.00 | 42.67 2.45 0.00 | 46.03 2.40 0.00 | 57.12 0.56 5.87 | 58.81 1.69 31.89 | 59.03 1.69 19.76 | 54.08 2.33 0.01 | 49.33 3.86 0.00 | 47.82 3.54 -0.01 | 46.80 3.66 -0.09 | 46.34 3.82 -0.12 | 46.79 3.93 -0.09 | 48.80 3.78 -0.08 | 56.43 3.10 0.05 | 70.26 3.09 0.01 | 89.66 4.60 0.28 | 79.19 3.77 0.01 | 62.16 2.90 0.01 | 53.80 2.66 0.01 | 47.76 2.49 0.00 | 46.08 2.81 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| NYPA_GOWANUS____GT5 24156 | 45.87 | 44.30 | 42.78 | 42.25 | 42.80 | 46.35 | 64.94 | 93.45 | 81.17 | 55.01 | 48.91 | 47.71 | 46.50 | 45.91 | 46.48 | 48.58 | 57.34 | 71.33 | 90.77 | 80.25 | 63.05 | 54.68 | 48.58 | 46.40 |
| | 3.24 | 2.86 | 2.65 | 2.61 | 2.58 | 2.71 | 2.50 | 4.45 | 4.08 | 3.26 | 3.45 | 3.45 | 3.45 | 3.52 | 3.72 | 3.64 | 3.95 | 4.17 | 5.72 | 4.83 | 3.80 | 3.53 | 3.30 | 3.12 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.01 | 0.28 | 0.01 | 0.01 | 0.00 | 0.00 | -0.01 |
| NYPA_GOWANUS____GT6 24157 | 45.87 | 44.30 | 42.78 | 42.25 | 42.80 | 46.35 | 64.94 | 93.45 | 81.17 | 55.01 | 48.91 | 47.71 | 46.50 | 45.91 | 46.48 | 48.58 | 57.34 | 71.33 | 90.77 | 80.25 | 63.05 | 54.68 | 48.58 | 46.40 |
| | 3.24 | 2.86 | 2.65 | 2.61 | 2.58 | 2.71 | 2.50 | 4.45 | 4.08 | 3.26 | 3.45 | 3.45 | 3.45 | 3.52 | 3.72 | 3.64 | 3.95 | 4.17 | 5.72 | 4.83 | 3.80 | 3.53 | 3.30 | 3.12 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.01 | 0.28 | 0.01 | 0.01 | 0.00 | 0.00 | -0.01 |
| NYPA_HARLEM__RVR__GT1 24160 | 45.79 | 44.26 | 42.70 | 42.21 | 42.76 | 46.30 | 64.74 | 93.36 | 80.94 | 54.54 | 48.78 | 47.62 | 46.36 | 45.82 | 46.35 | 48.40 | 57.07 | 71.20 | 90.68 | 80.17 | 62.69 | 54.63 | 48.59 | 46.35 |
| | 3.15 | 2.82 | 2.57 | 2.57 | 2.53 | 2.66 | 2.31 | 4.36 | 3.85 | 2.79 | 3.32 | 3.36 | 3.32 | 3.43 | 3.59 | 3.46 | 3.68 | 4.03 | 5.63 | 4.75 | 3.44 | 3.48 | 3.30 | 3.07 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.28 | 0.01 | 0.01 | 0.00 | -0.01 | -0.01 |
| NYPA_HARLEM__RVR__GT2 24161 | 45.79 | 44.26 | 42.70 | 42.21 | 42.76 | 46.30 | 64.74 | 93.36 | 80.94 | 54.54 | 48.78 | 47.62 | 46.36 | 45.82 | 46.35 | 48.40 | 57.07 | 71.20 | 90.68 | 80.17 | 62.69 | 54.63 | 48.59 | 46.35 |
| | 3.15 | 2.82 | 2.57 | 2.57 | 2.53 | 2.66 | 2.31 | 4.36 | 3.85 | 2.79 | 3.32 | 3.36 | 3.32 | 3.43 | 3.59 | 3.46 | 3.68 | 4.03 | 5.63 | 4.75 | 3.44 | 3.48 | 3.30 | 3.07 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.28 | 0.01 | 0.01 | 0.00 | -0.01 | -0.01 |
| NYPA_KENT____GT 24152 | 45.74 | 44.17 | 42.65 | 42.13 | 42.71 | 46.21 | 64.81 | 93.27 | 81.01 | 54.91 | 48.96 | 47.75 | 46.50 | 45.96 | 46.48 | 48.58 | 57.34 | 71.26 | 90.59 | 80.09 | 62.93 | 54.63 | 48.49 | 46.26 |
| | 3.11 | 2.73 | 2.53 | 2.50 | 2.49 | 2.57 | 2.37 | 4.27 | 3.93 | 3.16 | 3.50 | 3.50 | 3.45 | 3.56 | 3.72 | 3.64 | 3.95 | 4.10 | 5.54 | 4.68 | 3.68 | 3.48 | 3.22 | 2.98 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.01 | 0.28 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA_POUCH1____GT 24155 | 46.05 | 44.46 | 42.94 | 42.45 | 42.99 | 46.56 | 65.19 | 93.71 | 81.32 | 55.11 | 48.96 | 47.75 | 46.50 | 45.96 | 46.53 | 48.63 | 57.45 | 71.53 | 91.02 | 80.39 | 63.22 | 54.84 | 48.76 | 46.57 |
| | 3.41 | 3.02 | 2.81 | 2.81 | 2.77 | 2.92 | 2.74 | 4.71 | 4.24 | 3.36 | 3.50 | 3.50 | 3.45 | 3.56 | 3.76 | 3.69 | 4.06 | 4.36 | 5.97 | 4.98 | 3.97 | 3.69 | 3.49 | 3.29 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.01 | 0.28 | 0.01 | 0.01 | 0.00 | 0.00 | -0.01 |
| NYPA_VERNON____GT2 24162 | 45.61 | 44.04 | 42.53 | 42.00 | 42.59 | 46.07 | 64.67 | 93.10 | 80.86 | 54.80 | 48.96 | 47.75 | 46.54 | 45.96 | 46.53 | 48.58 | 57.29 | 71.13 | 90.43 | 79.86 | 62.81 | 54.53 | 48.36 | 46.13 |
| | 2.98 | 2.61 | 2.41 | 2.38 | 2.37 | 2.44 | 2.24 | 4.10 | 3.78 | 3.05 | 3.50 | 3.50 | 3.49 | 3.56 | 3.76 | 3.64 | 3.89 | 3.96 | 5.38 | 4.45 | 3.56 | 3.38 | 3.08 | 2.86 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.01 | 0.28 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA_VERNON____GT3 24163 | 45.61 | 44.04 | 42.53 | 42.00 | 42.59 | 46.07 | 64.67 | 93.10 | 80.86 | 54.80 | 48.96 | 47.75 | 46.54 | 45.96 | 46.53 | 48.58 | 57.29 | 71.13 | 90.43 | 79.86 | 62.81 | 54.53 | 48.36 | 46.13 |
| | 2.98 | 2.61 | 2.41 | 2.38 | 2.37 | 2.44 | 2.24 | 4.10 | 3.78 | 3.05 | 3.50 | 3.50 | 3.49 | 3.56 | 3.76 | 3.64 | 3.89 | 3.96 | 5.38 | 4.45 | 3.56 | 3.38 | 3.08 | 2.86 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.01 | 0.28 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA____ASTORIA_CC1 323568 | 45.56 | 44.00 | 42.48 | 42.00 | 42.54 | 46.03 | 64.55 | 92.91 | 80.63 | 54.65 | 48.82 | 47.67 | 46.41 | 45.87 | 46.40 | 48.45 | 57.13 | 70.92 | 90.26 | 79.71 | 62.63 | 54.43 | 48.31 | 46.13 |
| | 2.94 | 2.57 | 2.37 | 2.38 | 2.33 | 2.40 | 2.12 | 3.91 | 3.55 | 2.90 | 3.36 | 3.41 | 3.36 | 3.48 | 3.63 | 3.51 | 3.74 | 3.76 | 5.21 | 4.30 | 3.38 | 3.28 | 3.03 | 2.86 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.01 | 0.28 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA____ASTORIA_CC2 323569 | 45.56 | 44.00 | 42.48 | 42.00 | 42.54 | 46.03 | 64.55 | 92.91 | 80.63 | 54.65 | 48.82 | 47.67 | 46.41 | 45.87 | 46.40 | 48.45 | 57.13 | 70.92 | 90.26 | 79.71 | 62.63 | 54.43 | 48.31 | 46.13 |
| | 2.94 | 2.57 | 2.37 | 2.38 | 2.33 | 2.40 | 2.12 | 3.91 | 3.55 | 2.90 | 3.36 | 3.41 | 3.36 | 3.48 | 3.63 | 3.51 | 3.74 | 3.76 | 5.21 | 4.30 | 3.38 | 3.28 | 3.03 | 2.86 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.01 | 0.28 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA____HOLTSVILL 23794 | 45.36 | 43.59 | 42.09 | 41.49 | 42.22 | 45.55 | 56.64 | 57.00 | 57.70 | 53.35 | 48.65 | 47.85 | 46.73 | 46.21 | 46.71 | 48.69 | 55.57 | 69.04 | 88.12 | 77.83 | 61.09 | 52.98 | 47.13 | 45.61 |
| | 2.73 | 2.15 | 1.97 | 1.86 | 2.01 | 1.92 | 0.31 | 1.15 | 1.16 | 1.61 | 3.18 | 3.58 | 3.62 | 3.73 | 3.89 | 3.69 | 2.24 | 1.88 | 3.07 | 2.41 | 1.84 | 1.84 | 1.86 | 2.34 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.11 | 33.16 | 20.55 | 0.02 | 0.00 | 0.00 | -0.06 | -0.08 | -0.06 | -0.06 | 0.05 | 0.01 | 0.28 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |
| NYPA____HELLGATE_GT1 24158 | 45.79 | 44.26 | 42.70 | 42.21 | 42.76 | 46.30 | 64.74 | 93.36 | 80.94 | 54.54 | 48.78 | 47.62 | 46.36 | 45.82 | 46.35 | 48.40 | 57.07 | 71.20 | 90.68 | 80.17 | 62.69 | 54.63 | 48.59 | 46.35 |
| | 3.15 | 2.82 | 2.57 | 2.57 | 2.53 | 2.66 | 2.31 | 4.36 | 3.85 | 2.79 | 3.32 | 3.36 | 3.32 | 3.43 | 3.59 | 3.46 | 3.68 | 4.03 | 5.63 | 4.75 | 3.44 | 3.48 | 3.30 | 3.07 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.28 | 0.01 | 0.01 | 0.00 | -0.01 | -0.01 |
| NYPA____HELLGATE_GT2 24159 | 45.79 | 44.26 | 42.70 | 42.21 | 42.76 | 46.30 | 64.74 | 93.36 | 80.94 | 54.54 | 48.78 | 47.62 | 46.36 | 45.82 | 46.35 | 48.40 | 57.07 | 71.20 | 90.68 | 80.17 | 62.69 | 54.63 | 48.59 | 46.35 |
| | 3.15 | 2.82 | 2.57 | 2.57 | 2.53 | 2.66 | 2.31 | 4.36 | 3.85 | 2.79 | 3.32 | 3.36 | 3.32 | 3.43 | 3.59 | 3.46 | 3.68 | 4.03 | 5.63 | 4.75 | 3.44 | 3.48 | 3.30 | 3.07 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.28 | 0.01 | 0.01 | 0.00 | -0.01 | -0.01 |
| NYS_BARGE____HYD 23848 | 40.28 | 39.03 | 38.28 | 37.88 | 38.16 | 41.71 | 57.19 | 80.98 | 70.75 | 47.51 | 40.58 | 39.60 | 38.85 | 38.13 | 38.33 | 40.47 | 46.73 | 60.37 | 75.34 | 67.93 | 52.20 | 43.79 | 41.63 | 40.63 |
| | -2.34 | -2.40 | -1.84 | -1.74 | -2.05 | -1.92 | -5.24 | -8.01 | -6.32 | -4.24 | -4.86 | -4.65 | -4.18 | -4.24 | -4.40 | -4.45 | -6.57 | -6.78 | -8.79 | -7.47 | -6.87 | -6.40 | -3.62 | -2.64 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.09 | 0.02 | 1.20 | 0.02 | 0.18 | 0.96 | 0.02 | 0.00 |
| OAK ORCHARD____HYD 24046 | 41.39 | 40.15 | 39.04 | 38.67 | 39.13 | 42.58 | 60.31 | 85.88 | 74.84 | 50.15 | 43.14 | 42.04 | 41.14 | 40.39 | 40.69 | 42.95 | 50.07 | 64.54 | 80.81 | 72.70 | 56.12 | 48.21 | 43.81 | 41.97 |
| | -1.24 | -1.28 | -1.08 | -0.95 | -1.08 | -1.05 | -2.12 | -3.12 | -2.24 | -1.60 | -2.32 | -2.21 | -1.89 | -1.99 | -2.05 | -1.98 | -3.26 | -2.62 | -3.33 | -2.71 | -3.14 | -3.02 | -1.45 | -1.30 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.06 | 0.01 | 1.20 | 0.01 | 0.00 | -0.07 | 0.01 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| OAKDALE___35_KV_LOAD 356122 | 42.63 0.00 0.00 | 41.35 -0.08 0.00 | 40.12 0.00 0.00 | 39.58 -0.04 0.00 | 40.17 -0.04 0.00 | 43.72 0.09 0.00 | 62.12 -0.31 0.00 | 88.91 -0.09 0.01 | 76.85 -0.23 0.01 | 51.45 -0.31 0.00 | 45.24 -0.23 0.00 | 43.95 -0.31 0.00 | 42.83 -0.22 0.00 | 42.22 -0.17 0.00 | 42.59 -0.17 0.00 | 44.72 -0.22 0.00 | 53.10 -0.27 0.02 | 66.83 -0.34 0.00 | 84.06 -0.17 1.10 | 75.27 -0.15 0.00 | 59.07 -0.12 0.07 | 50.63 -0.20 0.32 | 45.14 -0.14 0.00 | 43.06 -0.22 0.00 |
| OCC_CHEM___DRP 24175 | 39.26 -3.37 0.00 | 38.70 -2.73 0.00 | 37.23 -2.89 0.00 | 36.45 -3.17 0.00 | 36.96 -3.26 0.00 | 40.58 -3.05 0.00 | 55.82 -6.62 0.00 | 78.93 -10.06 0.02 | 68.97 -8.09 0.02 | 45.85 -5.90 0.01 | 39.72 -5.73 0.02 | 38.80 -5.44 0.02 | 37.69 -5.34 0.02 | 37.32 -5.05 0.03 | 37.52 -5.22 0.03 | 39.35 -5.57 0.02 | 45.53 -7.74 0.11 | 58.15 -9.00 0.02 | 72.36 -11.78 1.20 | 65.90 -9.50 0.02 | 50.65 -8.36 0.26 | 42.42 -7.52 1.21 | 39.19 -6.07 0.02 | 38.94 -4.33 0.00 |
| OH_GEN_PROXY 24063 | 39.73 -2.90 0.00 | 38.53 -2.90 0.00 | 37.71 -2.41 0.00 | 37.33 -2.30 0.00 | 37.60 -2.61 0.00 | 41.15 -2.49 0.00 | 56.81 -5.62 0.00 | 80.53 -8.46 0.02 | 70.36 -6.71 0.02 | 47.30 -4.45 0.01 | 40.49 -4.95 0.02 | 39.46 -4.78 0.02 | 38.77 -4.26 0.02 | 38.05 -4.32 0.02 | 38.29 -4.45 0.02 | 40.34 -4.58 0.02 | 46.51 -6.78 0.09 | 60.10 -7.05 0.02 | 75.00 -9.13 1.20 | 67.56 -7.85 0.02 | 51.80 -7.23 0.23 | 43.38 -6.60 1.18 | 41.41 -3.85 0.02 | 40.07 -3.20 0.00 |
| OLIN_CORP_DRP 24177 | 39.98 -2.64 0.00 | 38.16 -3.27 0.00 | 37.91 -2.21 0.00 | 37.17 -2.46 0.00 | 37.68 -2.53 0.00 | 41.36 -2.27 0.00 | 56.13 -6.31 0.00 | 79.46 -9.52 0.02 | 69.44 -7.63 0.02 | 46.06 -5.69 0.01 | 39.94 -5.50 0.02 | 39.02 -5.22 0.02 | 37.95 -5.08 0.02 | 37.54 -4.83 0.03 | 37.73 -5.00 0.03 | 39.57 -5.35 0.02 | 45.86 -7.42 0.10 | 58.62 -8.53 0.02 | 73.04 -11.09 1.20 | 66.35 -9.05 0.02 | 51.04 -8.00 0.22 | 42.81 -7.21 1.13 | 39.51 -5.75 0.02 | 39.72 -3.55 0.00 |
| OLIN_CORP_DSASP 323712 | 39.21 -3.41 0.00 | 38.04 -3.40 0.00 | 37.27 -2.85 0.00 | 36.89 -2.73 0.00 | 37.16 -3.06 0.00 | 40.58 -3.06 0.00 | 55.94 -6.49 0.00 | 79.19 -9.79 0.02 | 69.28 -7.78 0.02 | 46.63 -5.13 0.01 | 39.76 -5.69 0.02 | 38.79 -5.45 0.02 | 38.16 -4.86 0.02 | 37.45 -4.92 0.03 | 37.60 -5.13 0.03 | 39.76 -5.17 0.02 | 45.53 -7.74 0.12 | 59.02 -8.13 0.02 | 73.63 -10.50 1.20 | 66.35 -9.05 0.02 | 50.77 -8.24 0.25 | 42.47 -7.47 1.22 | 41.00 -4.26 0.02 | 39.46 -3.81 0.00 |
| ONEIDA_HERK_LFGE 323681 | 43.69 1.07 0.00 | 42.55 1.12 0.00 | 41.16 1.04 0.00 | 40.62 0.99 0.00 | 41.30 1.09 0.00 | 44.90 1.27 0.00 | 64.49 2.06 0.00 | 92.39 3.38 0.00 | 79.63 2.54 0.00 | 52.90 1.14 0.00 | 46.38 0.91 0.00 | 44.97 0.71 0.00 | 43.61 0.56 0.00 | 42.99 0.59 0.00 | 43.23 0.47 0.00 | 45.66 0.72 0.00 | 54.56 1.17 0.00 | 68.59 1.41 0.00 | 87.25 2.21 0.30 | 77.84 2.41 0.00 | 60.98 1.72 0.00 | 52.69 1.53 0.00 | 46.50 1.22 0.00 | 44.35 1.08 0.00 |
| ONEIDA___115KV_TB4 55905 | 43.69 1.07 0.00 | 42.51 1.08 0.00 | 41.16 1.04 0.00 | 40.62 0.99 0.00 | 41.30 1.09 0.00 | 44.94 1.31 0.00 | 64.49 2.06 0.00 | 92.40 3.38 -0.01 | 79.72 2.62 -0.01 | 52.95 1.19 0.00 | 46.38 0.91 0.00 | 45.02 0.75 0.00 | 43.66 0.60 0.00 | 43.08 0.68 0.00 | 43.32 0.56 0.00 | 45.71 0.76 0.00 | 54.63 1.23 -0.01 | 68.65 1.48 0.00 | 87.10 2.39 0.62 | 77.84 2.41 0.00 | 60.99 1.72 -0.01 | 52.65 1.48 -0.02 | 46.41 1.13 0.00 | 44.27 1.00 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 42.20 -0.43 0.00 | 40.98 -0.46 0.00 | 39.72 -0.40 0.00 | 39.15 -0.48 0.00 | 39.77 -0.44 0.00 | 43.24 -0.39 0.00 | 61.81 -0.62 0.00 | 88.39 -0.62 -0.01 | 76.64 -0.46 -0.01 | 51.24 -0.52 0.00 | 44.93 -0.55 -0.01 | 43.70 -0.58 -0.01 | 42.50 -0.56 -0.01 | 41.89 -0.51 -0.01 | 42.26 -0.51 -0.01 | 44.36 -0.58 -0.01 | 52.71 -0.69 -0.02 | 66.44 -0.74 -0.01 | 83.34 -0.68 1.31 | 74.90 -0.53 -0.01 | 58.68 -0.59 -0.01 | 50.62 -0.56 -0.02 | 44.69 -0.59 -0.01 | 42.75 -0.52 0.00 |
| ONONDAGA___COGEN 23986 | 42.24 -0.38 0.00 | 40.98 -0.46 0.00 | 39.72 -0.40 0.00 | 39.19 -0.44 0.00 | 39.81 -0.40 0.00 | 43.24 -0.39 0.00 | 61.87 -0.56 0.00 | 88.30 -0.71 0.00 | 76.55 -0.54 0.00 | 51.24 -0.52 0.00 | 44.92 -0.55 0.00 | 43.64 -0.62 0.00 | 42.45 -0.60 0.00 | 41.84 -0.55 0.00 | 42.21 -0.56 0.00 | 44.36 -0.58 0.00 | 52.69 -0.69 0.00 | 66.43 -0.74 0.00 | 83.78 -0.77 0.78 | 74.90 -0.53 0.00 | 58.67 -0.59 0.00 | 50.54 -0.61 0.00 | 44.64 -0.63 0.00 | 42.75 -0.52 0.00 |
| ONTARIO___LFGE 23819 | 41.99 -0.64 0.00 | 40.69 -0.74 0.00 | 39.64 -0.48 0.00 | 39.19 -0.44 0.00 | 39.73 -0.48 0.00 | 43.42 -0.22 0.00 | 61.56 -0.87 0.00 | 87.92 -1.06 0.03 | 76.22 -0.85 0.03 | 51.02 -0.72 0.01 | 44.30 -1.13 0.03 | 42.95 -1.29 0.03 | 41.77 -1.25 0.03 | 41.22 -1.14 0.03 | 41.58 -1.15 0.03 | 43.61 -1.30 0.03 | 51.62 -1.66 0.11 | 65.61 -1.54 0.03 | 82.44 -1.80 1.10 | 74.19 -1.21 0.03 | 58.01 -1.30 -0.05 | 50.30 -1.33 -0.48 | 44.21 -1.04 0.03 | 42.54 -0.74 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 40.20 -2.43 0.00 | 38.99 -2.44 0.00 | 38.28 -1.84 0.00 | 37.92 -1.70 0.00 | 38.24 -1.97 0.00 | 41.97 -1.66 0.00 | 58.44 -4.00 0.00 | 82.92 -6.06 0.04 | 72.04 -5.01 0.04 | 48.18 -3.57 0.01 | 41.43 -4.00 0.04 | 40.29 -3.94 0.04 | 39.27 -3.75 0.04 | 38.80 -3.56 0.04 | 39.05 -3.68 0.04 | 40.96 -3.96 0.03 | 48.39 -4.86 0.13 | 61.50 -5.64 0.03 | 76.88 -7.25 1.20 | 69.21 -6.18 0.03 | 53.67 -5.10 0.49 | 43.69 -4.81 2.65 | 41.76 -3.49 0.03 | 40.59 -2.68 0.00 |
| ORANGEVILLE___ESR 323794 | 40.20 -2.43 0.00 | 38.99 -2.44 0.00 | 38.28 -1.84 0.00 | 37.92 -1.70 0.00 | 38.24 -1.97 0.00 | 41.97 -1.66 0.00 | 58.44 -4.00 0.00 | 82.92 -6.06 0.04 | 72.04 -5.01 0.04 | 48.18 -3.57 0.01 | 41.43 -4.00 0.04 | 40.29 -3.94 0.04 | 39.27 -3.75 0.04 | 38.80 -3.56 0.04 | 39.05 -3.68 0.04 | 40.96 -3.96 0.03 | 48.39 -4.86 0.13 | 61.50 -5.64 0.03 | 76.88 -7.25 1.20 | 69.21 -6.18 0.03 | 53.67 -5.10 0.49 | 43.69 -4.81 2.65 | 41.76 -3.49 0.03 | 40.59 -2.68 0.00 |
| OSWEGATCHIE___HYD 24044 | 43.86 1.24 0.00 | 42.76 1.33 0.00 | 41.44 1.32 0.00 | 40.81 1.19 0.00 | 41.54 1.33 0.00 | 45.29 1.66 0.00 | 64.68 2.24 0.00 | 92.66 3.65 0.00 | 79.56 2.47 0.00 | 52.95 1.19 0.00 | 46.47 1.00 0.00 | 45.10 0.84 0.00 | 43.70 0.65 0.00 | 43.03 0.64 0.00 | 43.23 0.47 0.00 | 45.71 0.76 0.00 | 54.66 1.28 0.00 | 68.31 1.14 0.00 | 86.87 1.54 0.00 | 77.31 1.89 0.00 | 60.56 1.30 0.00 | 52.89 1.74 0.00 | 46.91 1.63 0.00 | 44.79 1.51 0.00 |
| OSWEGO___5 23606 | 41.56 -1.06 0.00 | 40.40 -1.03 0.00 | 39.12 -1.00 0.00 | 38.59 -1.03 0.00 | 39.21 -1.00 0.00 | 42.58 -1.05 0.00 | 60.88 -1.56 0.00 | 86.79 -2.22 0.00 | 75.24 -1.85 0.00 | 50.41 -1.35 0.00 | 44.20 -1.27 0.00 | 42.98 -1.29 0.00 | 41.85 -1.21 0.00 | 41.21 -1.19 0.00 | 41.57 -1.20 0.00 | 43.69 -1.26 0.00 | 51.78 -1.60 0.00 | 65.43 -1.75 0.00 | 85.50 -2.13 -2.29 | 73.61 -1.81 0.00 | 57.72 -1.54 0.00 | 49.72 -1.43 0.00 | 44.10 -1.18 0.00 | 42.15 -1.13 0.00 |
| OSWEGO___6 23613 | 41.56 -1.06 0.00 | 40.40 -1.03 0.00 | 39.12 -1.00 0.00 | 38.59 -1.03 0.00 | 39.21 -1.00 0.00 | 42.58 -1.05 0.00 | 60.88 -1.56 0.00 | 86.79 -2.22 0.00 | 75.24 -1.85 0.00 | 50.41 -1.35 0.00 | 44.20 -1.27 0.00 | 42.98 -1.29 0.00 | 41.85 -1.21 0.00 | 41.21 -1.19 0.00 | 41.57 -1.20 0.00 | 43.69 -1.26 0.00 | 51.78 -1.60 0.00 | 65.43 -1.75 0.00 | 85.50 -2.13 -2.29 | 73.61 -1.81 0.00 | 57.72 -1.54 0.00 | 49.72 -1.43 0.00 | 44.10 -1.18 0.00 | 42.15 -1.13 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OUTOKUMPU-AB___DRP 24206 | 40.15 -2.47 0.00 | 38.99 -2.44 0.00 | 38.11 -2.01 0.00 | 37.33 -2.30 0.00 | 37.84 -2.37 0.00 | 41.58 -2.05 0.00 | 57.38 -5.06 0.00 | 81.24 -7.74 0.02 | 70.90 -6.17 0.02 | 46.99 -4.76 0.01 | 40.90 -4.55 0.02 | 39.90 -4.34 0.02 | 38.81 -4.22 0.02 | 38.34 -4.03 0.03 | 38.55 -4.19 0.03 | 40.43 -4.49 0.02 | 47.18 -6.14 0.06 | 60.03 -7.12 0.02 | 74.92 -9.22 1.20 | 67.94 -7.47 0.02 | 52.55 -6.52 0.20 | 44.05 -5.98 1.12 | 40.50 -4.75 0.02 | 39.98 -3.29 0.00 |
| OXBOW___BTM 323836 | 39.73 -2.90 0.00 | 38.49 -2.94 0.00 | 37.75 -2.37 0.00 | 37.37 -2.26 0.00 | 37.64 -2.57 0.00 | 41.15 -2.49 0.00 | 56.81 -5.62 0.00 | 80.35 -8.63 0.02 | 70.28 -6.78 0.02 | 47.25 -4.50 0.01 | 40.40 -5.05 0.02 | 39.42 -4.82 0.02 | 38.68 -4.35 0.02 | 38.00 -4.37 0.03 | 38.16 -4.57 0.03 | 40.29 -4.63 0.02 | 46.48 -6.83 0.07 | 59.97 -7.19 0.02 | 74.74 -9.39 1.20 | 67.41 -8.00 0.02 | 51.83 -7.23 0.20 | 43.37 -6.65 1.13 | 41.45 -3.80 0.02 | 40.03 -3.25 0.00 |
| OXBOW___ 24026 | 39.73 -2.90 0.00 | 38.90 -2.53 0.00 | 37.71 -2.41 0.00 | 36.93 -2.69 0.00 | 37.44 -2.77 0.00 | 41.15 -2.49 0.00 | 56.69 -5.74 0.00 | 80.17 -8.81 0.02 | 70.05 -7.02 0.02 | 46.52 -5.23 0.01 | 40.35 -5.09 0.02 | 39.42 -4.82 0.02 | 38.33 -4.69 0.02 | 37.92 -4.45 0.03 | 38.12 -4.62 0.03 | 39.98 -4.94 0.02 | 46.44 -6.89 0.06 | 59.16 -7.99 0.02 | 73.81 -10.33 1.20 | 67.03 -8.37 0.02 | 51.71 -7.35 0.20 | 43.38 -6.65 1.13 | 39.91 -5.34 0.02 | 39.51 -3.76 0.00 |
| OXY_CHEM_DSASP 323612 | 39.26 -3.37 0.00 | 38.70 -2.73 0.00 | 37.23 -2.89 0.00 | 36.45 -3.17 0.00 | 36.96 -3.26 0.00 | 40.58 -3.05 0.00 | 55.82 -6.62 0.00 | 78.93 -10.06 0.02 | 68.97 -8.09 0.02 | 45.85 -5.90 0.01 | 39.72 -5.73 0.02 | 38.80 -5.44 0.02 | 37.69 -5.34 0.02 | 37.32 -5.05 0.03 | 37.52 -5.22 0.03 | 39.35 -5.57 0.02 | 45.53 -7.74 0.11 | 58.15 -9.00 0.02 | 72.36 -11.78 1.20 | 65.90 -9.50 0.02 | 50.65 -8.36 0.26 | 42.42 -7.52 1.21 | 39.19 -6.07 0.02 | 38.94 -4.33 0.00 |
| OZONE_PARK_ESR 323760 | 45.78 3.15 0.00 | 44.25 2.82 0.00 | 42.65 2.53 0.00 | 42.12 2.50 0.00 | 42.75 2.53 0.00 | 46.25 2.62 0.00 | 65.49 3.06 0.00 | 94.35 5.34 0.00 | 81.95 4.86 0.00 | 55.69 3.93 0.00 | 49.65 4.18 0.00 | 48.34 4.07 0.00 | 47.18 4.13 0.00 | 46.55 4.15 0.00 | 47.04 4.28 0.00 | 49.26 4.31 0.00 | 58.04 4.64 -0.01 | 72.14 4.97 0.00 | 91.80 6.74 0.28 | 81.08 5.66 0.00 | 63.65 4.39 0.00 | 55.09 3.94 0.00 | 49.04 3.76 0.00 | 46.43 3.16 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 39.26 -3.37 0.00 | 38.70 -2.73 0.00 | 37.23 -2.89 0.00 | 36.45 -3.17 0.00 | 36.96 -3.26 0.00 | 40.58 -3.05 0.00 | 55.82 -6.62 0.00 | 78.93 -10.06 0.02 | 68.97 -8.09 0.02 | 45.85 -5.90 0.01 | 39.72 -5.73 0.02 | 38.80 -5.44 0.02 | 37.69 -5.34 0.02 | 37.32 -5.05 0.03 | 37.52 -5.22 0.03 | 39.35 -5.57 0.02 | 45.53 -7.74 0.11 | 58.15 -9.00 0.02 | 72.36 -11.78 1.20 | 65.90 -9.50 0.02 | 50.65 -8.36 0.26 | 42.42 -7.52 1.21 | 39.19 -6.07 0.02 | 38.94 -4.33 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 39.21 -3.41 0.00 | 38.04 -3.40 0.00 | 37.27 -2.85 0.00 | 36.89 -2.73 0.00 | 37.16 -3.06 0.00 | 40.58 -3.06 0.00 | 55.94 -6.49 0.00 | 79.19 -9.79 0.02 | 69.28 -7.78 0.02 | 46.63 -5.13 0.01 | 39.76 -5.69 0.02 | 38.79 -5.45 0.02 | 38.16 -4.86 0.02 | 37.45 -4.92 0.03 | 37.60 -5.13 0.03 | 39.76 -5.17 0.02 | 45.53 -7.74 0.12 | 59.02 -8.13 0.02 | 73.63 -10.50 1.20 | 66.35 -9.05 0.02 | 50.77 -8.24 0.25 | 42.47 -7.47 1.22 | 41.00 -4.26 0.02 | 39.46 -3.81 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 45.74 3.11 0.00 | 44.25 2.82 0.00 | 42.65 2.53 0.00 | 42.16 2.54 0.00 | 42.74 2.53 0.00 | 46.26 2.62 -0.01 | 64.68 2.25 0.00 | 93.10 4.09 0.00 | 80.71 3.62 0.00 | 54.55 2.79 0.00 | 48.65 3.18 0.00 | 47.41 3.14 0.00 | 46.28 3.23 0.00 | 45.66 3.26 0.00 | 46.18 3.42 0.00 | 48.31 3.37 0.00 | 56.86 3.47 -0.01 | 71.07 3.90 0.00 | 90.52 5.46 0.28 | 79.95 4.53 0.00 | 62.52 3.26 0.00 | 54.58 3.43 0.00 | 48.95 3.67 -0.01 | 46.44 3.16 -0.01 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 46.21 3.58 0.00 | 44.70 3.27 0.00 | 43.09 2.97 0.00 | 42.59 2.97 0.00 | 43.19 2.98 0.00 | 46.74 3.10 -0.01 | 65.37 2.93 0.00 | 94.08 5.07 0.00 | 81.56 4.47 0.00 | 55.07 3.31 0.00 | 49.11 3.64 0.00 | 47.81 3.54 0.00 | 46.67 3.62 0.00 | 46.04 3.65 0.00 | 46.57 3.81 0.00 | 48.72 3.78 0.00 | 57.40 4.00 -0.01 | 71.74 4.57 0.00 | 91.29 6.23 0.28 | 80.70 5.28 0.00 | 63.11 3.85 0.00 | 55.04 3.89 0.00 | 49.36 4.07 -0.01 | 46.87 3.59 -0.01 |
| PATROON___115KV_TB1 80586 | 43.05 0.43 0.00 | 41.85 0.41 0.00 | 40.52 0.40 0.00 | 40.10 0.48 0.00 | 40.58 0.36 0.00 | 43.89 0.26 0.00 | 62.81 0.37 0.00 | 89.19 0.18 0.00 | 77.40 0.31 0.00 | 52.12 0.36 0.00 | 46.01 0.55 0.00 | 44.84 0.58 0.00 | 43.70 0.65 0.00 | 42.95 0.55 0.00 | 43.45 0.68 0.00 | 45.57 0.63 0.00 | 54.18 0.80 0.00 | 68.11 0.94 0.00 | 86.40 1.28 0.21 | 76.03 0.60 0.00 | 60.09 0.83 0.00 | 51.87 0.72 0.00 | 45.82 0.54 0.00 | 43.57 0.30 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 43.95 1.32 0.00 | 42.67 1.24 0.00 | 41.28 1.16 0.00 | 40.81 1.19 0.00 | 41.38 1.17 0.00 | 44.90 1.27 0.00 | 64.37 1.94 0.00 | 91.50 2.49 0.00 | 78.71 1.62 0.00 | 52.28 0.52 0.00 | 45.88 0.41 0.00 | 44.53 0.27 0.00 | 43.27 0.22 0.00 | 42.65 0.26 0.00 | 43.10 0.34 0.00 | 45.49 0.54 0.00 | 54.45 1.07 0.00 | 69.19 2.01 0.00 | 87.92 2.81 0.23 | 77.61 2.19 0.00 | 61.21 1.95 0.00 | 52.79 1.64 0.00 | 46.54 1.27 0.00 | 44.39 1.12 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 39.94 -2.69 0.00 | 38.53 -2.90 0.00 | 37.91 -2.21 0.00 | 37.21 -2.42 0.00 | 37.68 -2.53 0.00 | 41.49 -2.14 0.00 | 57.69 -4.74 0.00 | 82.22 -6.76 0.03 | 71.21 -5.86 0.03 | 47.04 -4.71 0.01 | 41.90 -3.55 0.03 | 40.87 -3.36 0.03 | 39.88 -3.14 0.03 | 39.10 -3.26 0.03 | 39.48 -3.25 0.03 | 41.06 -3.87 0.02 | 49.54 -3.79 0.05 | 62.11 -5.04 0.02 | 77.65 -6.49 1.19 | 68.99 -6.41 0.02 | 55.10 -3.91 0.25 | 46.20 -3.68 1.27 | 42.31 -2.94 0.02 | 39.94 -3.33 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 45.27 2.64 0.00 | 43.84 2.40 0.00 | 42.37 2.25 0.00 | 41.84 2.22 0.00 | 42.47 2.25 0.00 | 45.81 2.18 0.00 | 65.06 2.62 0.00 | 93.64 4.63 0.00 | 81.41 4.32 0.00 | 55.02 3.26 0.00 | 48.88 3.41 0.00 | 47.54 3.28 0.00 | 46.37 3.31 0.00 | 45.70 3.31 0.00 | 46.23 3.46 0.00 | 48.40 3.46 0.00 | 57.23 3.84 0.00 | 71.41 4.23 0.00 | 90.86 5.80 0.27 | 80.25 4.83 0.00 | 62.88 3.61 0.00 | 54.48 3.32 0.00 | 48.36 3.08 0.00 | 45.82 2.55 0.00 |
| PEEKSKILL___ 23653 | 45.01 2.39 0.00 | 43.54 2.11 0.00 | 42.05 1.93 0.00 | 41.53 1.90 0.00 | 42.14 1.93 0.00 | 45.55 1.92 0.00 | 64.62 2.18 0.00 | 92.92 3.91 0.00 | 80.64 3.55 0.00 | 54.60 2.84 0.00 | 48.70 3.23 0.00 | 47.45 3.19 0.00 | 46.24 3.19 0.00 | 45.66 3.26 0.00 | 46.14 3.38 0.00 | 48.22 3.28 0.00 | 56.91 3.52 0.00 | 70.87 3.69 0.00 | 90.17 5.12 0.28 | 79.72 4.30 0.00 | 62.58 3.32 0.00 | 54.12 2.97 0.00 | 47.72 2.44 0.00 | 45.52 2.25 0.00 |
| PGE MADISON___WINDPWR 24146 | 44.97 2.34 0.00 | 43.88 2.44 0.00 | 42.45 2.33 0.00 | 41.80 2.18 0.00 | 42.67 2.45 0.00 | 46.51 2.88 0.00 | 67.05 4.62 0.00 | 97.07 8.01 -0.05 | 83.23 6.09 -0.05 | 54.36 2.59 -0.02 | 47.42 1.91 -0.05 | 45.77 1.46 -0.05 | 44.30 1.21 -0.05 | 43.76 1.31 -0.05 | 43.93 1.11 -0.05 | 46.64 1.66 -0.03 | 56.30 2.78 -0.14 | 70.83 3.63 -0.03 | 89.97 5.63 0.99 | 81.11 5.66 -0.03 | 63.30 3.97 -0.07 | 54.43 3.12 -0.16 | 47.66 2.35 -0.03 | 45.35 2.08 0.00 |

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| PIERCEFIELD___HYD 23852 | 43.86 1.24 0.00 | 42.80 1.37 0.00 | 41.48 1.36 0.00 | 40.89 1.27 0.00 | 41.58 1.37 0.00 | 45.38 1.75 0.00 | 64.93 2.50 0.00 | 92.84 3.83 0.00 | 79.87 2.78 0.00 | 53.47 1.71 0.00 | 46.79 1.32 0.00 | 45.46 1.20 0.00 | 44.08 1.03 0.00 | 43.33 0.93 0.00 | 43.57 0.81 0.00 | 46.02 1.08 0.00 | 54.93 1.55 0.00 | 68.79 1.61 0.00 | 86.87 1.54 0.00 | 77.23 1.81 0.00 | 60.50 1.24 0.00 | 52.74 1.59 0.00 | 47.00 1.72 0.00 | 44.96 1.69 0.00 |
| PINELAWN_CC_1 323563 | 45.53 2.90 0.00 | 43.75 2.32 0.00 | 42.24 2.12 0.00 | 41.64 2.02 0.00 | 42.38 2.17 0.00 | 45.73 2.09 0.00 | 57.66 0.44 5.21 | 62.13 1.42 28.30 | 60.95 1.39 17.53 | 53.40 1.66 0.01 | 48.74 3.28 0.00 | 47.69 3.41 -0.02 | 46.65 3.45 -0.15 | 46.17 3.56 -0.21 | 46.60 3.68 -0.16 | 48.64 3.55 -0.15 | 55.79 2.46 0.05 | 69.38 2.21 0.01 | 88.55 3.50 0.28 | 78.21 2.79 0.01 | 61.38 2.13 0.01 | 53.24 2.10 0.01 | 47.59 2.31 0.00 | 45.82 2.55 0.00 |
| PJM_GEN_HTTP_PROXY 323702 | 45.44 2.81 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.42 2.21 0.00 | 45.90 2.27 0.00 | 65.06 2.62 0.00 | 93.63 4.63 0.00 | 81.33 4.24 0.00 | 55.17 3.42 0.00 | 49.24 3.77 0.00 | 48.02 3.76 0.00 | 46.79 3.74 0.00 | 46.21 3.82 0.00 | 46.69 3.93 0.00 | 48.81 3.87 0.00 | 57.61 4.22 -0.01 | 71.54 4.36 0.00 | 90.94 5.88 0.27 | 80.32 4.90 0.00 | 63.11 3.85 0.00 | 54.63 3.48 0.00 | 48.18 2.90 0.00 | 45.96 2.68 0.00 |
| PJM_GEN_KEystone 24065 | 42.20 -0.43 0.00 | 40.85 -0.58 0.00 | 40.00 -0.12 0.00 | 39.58 -0.04 0.00 | 39.81 -0.40 0.00 | 43.37 -0.26 0.00 | 61.00 -1.43 0.00 | 87.30 -1.69 0.01 | 75.61 -1.47 0.01 | 51.03 -0.72 0.00 | 44.95 -0.50 0.01 | 43.76 -0.49 0.01 | 42.56 -0.47 0.01 | 42.04 -0.34 0.02 | 42.45 -0.30 0.02 | 44.30 -0.63 0.01 | 52.47 -0.86 0.06 | 65.74 -1.41 0.01 | 83.05 -1.53 0.75 | 74.05 -1.36 0.01 | 58.07 -1.06 0.12 | 49.52 -1.02 0.61 | 44.45 -0.81 0.01 | 42.75 -0.52 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 45.10 2.47 0.00 | 43.42 1.99 0.00 | 41.88 1.76 0.00 | 41.33 1.70 0.00 | 41.98 1.77 0.00 | 45.33 1.70 0.00 | 56.77 0.87 6.54 | 55.65 2.13 35.49 | 57.10 2.00 21.99 | 53.66 1.92 0.02 | 48.87 3.41 0.01 | 47.89 3.63 0.01 | 46.63 3.57 -0.01 | 46.09 3.69 -0.01 | 46.57 3.80 -0.01 | 48.64 3.69 -0.01 | 55.99 2.67 0.06 | 69.65 2.49 0.01 | 88.72 3.67 0.28 | 78.35 2.94 0.01 | 61.56 2.31 0.01 | 53.29 2.15 0.01 | 47.22 1.95 0.01 | 45.39 2.12 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 43.53 2.64 1.74 | 41.28 2.28 2.43 | 40.80 2.01 1.33 | 40.48 2.02 1.16 | 40.98 2.01 1.24 | 41.72 2.05 3.96 | 56.32 2.31 8.42 | 83.07 4.27 10.21 | 62.42 3.85 18.52 | 50.52 3.21 4.45 | 45.55 3.64 3.56 | 44.28 3.67 3.66 | 43.28 3.62 3.39 | 43.72 3.69 2.36 | 43.95 3.85 2.66 | 44.04 3.78 4.68 | 45.42 4.06 12.02 | 61.36 4.10 9.91 | 79.14 5.63 11.82 | 72.79 4.68 7.31 | 51.25 3.68 11.69 | 47.48 3.28 6.95 | 42.68 2.72 5.31 | 43.78 2.47 1.96 |
| PLATSBURG_115KV_PMLD1 355749 | 43.10 0.47 0.00 | 42.05 0.62 0.00 | 40.76 0.64 0.00 | 40.30 0.67 0.00 | 40.90 0.68 0.00 | 44.59 0.96 0.00 | 64.18 1.75 0.00 | 91.59 2.58 0.00 | 78.71 1.62 0.00 | 52.79 1.04 0.00 | 46.42 0.95 0.00 | 45.19 0.93 0.00 | 43.87 0.82 0.00 | 43.12 0.72 0.00 | 43.45 0.68 0.00 | 46.02 1.08 0.00 | 54.08 0.69 0.00 | 68.18 1.01 0.00 | 86.36 1.02 0.00 | 76.55 1.13 0.00 | 60.09 0.83 0.00 | 51.77 0.61 0.00 | 46.18 0.91 0.00 | 44.61 1.34 0.00 |
| PLEASANTVLY___LBMP 24000 | 44.71 2.09 0.00 | 43.26 1.82 0.00 | 41.76 1.64 0.00 | 41.29 1.66 0.00 | 41.90 1.69 0.00 | 45.25 1.61 0.00 | 64.12 1.69 0.00 | 92.12 3.12 0.00 | 79.87 2.78 0.00 | 54.19 2.43 0.00 | 48.20 2.73 0.00 | 46.96 2.70 0.00 | 45.81 2.76 0.00 | 45.15 2.76 0.00 | 45.63 2.87 0.00 | 47.78 2.83 0.00 | 56.32 2.94 0.00 | 70.26 3.09 0.00 | 89.33 4.27 0.26 | 78.89 3.47 0.00 | 61.99 2.73 0.00 | 53.71 2.56 0.00 | 47.72 2.44 0.00 | 45.26 1.99 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 45.14 2.51 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.65 2.02 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 64.62 2.19 0.00 | 93.01 4.01 0.00 | 80.71 3.62 0.00 | 54.81 3.05 0.00 | 48.79 3.32 0.00 | 47.50 3.23 0.00 | 46.41 3.36 0.00 | 45.70 3.31 0.00 | 46.18 3.42 0.00 | 48.36 3.42 0.00 | 57.01 3.63 0.01 | 71.00 3.83 0.00 | 90.35 5.29 0.27 | 79.72 4.30 0.00 | 62.64 3.38 0.00 | 54.22 3.07 0.00 | 48.27 2.99 0.00 | 45.74 2.47 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 45.14 2.51 0.00 | 43.67 2.24 0.00 | 42.13 2.01 0.00 | 41.65 2.02 0.00 | 42.22 2.01 0.00 | 45.64 2.01 0.00 | 64.62 2.19 0.00 | 93.01 4.01 0.00 | 80.71 3.62 0.00 | 54.81 3.05 0.00 | 48.79 3.32 0.00 | 47.50 3.23 0.00 | 46.41 3.36 0.00 | 45.70 3.31 0.00 | 46.18 3.42 0.00 | 48.36 3.42 0.00 | 57.01 3.63 0.01 | 71.00 3.83 0.00 | 90.35 5.29 0.27 | 79.72 4.30 0.00 | 62.64 3.38 0.00 | 54.22 3.07 0.00 | 48.27 2.99 0.00 | 45.74 2.47 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 44.89 2.26 0.00 | 43.46 2.03 0.00 | 41.97 1.85 0.00 | 41.49 1.86 0.00 | 42.06 1.85 0.00 | 45.42 1.79 0.00 | 64.56 2.12 0.00 | 92.75 3.74 0.00 | 80.41 3.31 0.00 | 54.30 2.54 0.00 | 48.20 2.73 0.00 | 46.92 2.66 0.00 | 45.76 2.71 0.00 | 45.07 2.67 0.00 | 45.54 2.78 0.00 | 47.73 2.79 0.00 | 56.43 3.04 0.00 | 70.67 3.49 0.00 | 89.85 4.78 0.27 | 79.42 4.00 0.00 | 62.34 3.08 0.00 | 53.92 2.76 0.00 | 47.90 2.63 0.00 | 45.39 2.12 0.00 |
| POLETTI_____ 23519 | 45.78 3.15 0.00 | 44.29 2.86 0.00 | 42.73 2.61 0.00 | 42.20 2.58 0.00 | 42.79 2.57 0.00 | 46.30 2.66 -0.01 | 64.68 2.25 0.00 | 93.37 4.36 0.00 | 80.94 3.85 0.00 | 54.71 2.95 0.00 | 48.83 3.36 0.00 | 47.54 3.28 0.00 | 46.41 3.36 0.00 | 45.79 3.39 0.00 | 46.31 3.55 0.00 | 48.45 3.51 0.00 | 57.08 3.68 -0.01 | 71.27 4.10 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.70 3.44 0.00 | 54.73 3.58 0.00 | 49.04 3.76 -0.01 | 46.48 3.20 -0.01 |
| POMONA___ESR 323819 | 45.10 2.47 0.00 | 43.59 2.15 0.00 | 42.09 1.97 0.00 | 41.60 1.98 0.00 | 42.18 1.97 0.00 | 45.64 2.01 0.00 | 64.74 2.31 0.00 | 93.19 4.18 0.00 | 80.79 3.70 0.00 | 54.71 2.95 0.00 | 48.74 3.28 0.00 | 47.54 3.28 0.00 | 46.32 3.27 0.00 | 45.70 3.31 0.00 | 46.18 3.42 0.00 | 48.27 3.33 0.00 | 56.96 3.58 0.00 | 71.00 3.83 0.00 | 90.43 5.38 0.28 | 79.87 4.45 0.00 | 62.70 3.44 0.00 | 54.22 3.07 0.00 | 47.81 2.53 0.00 | 45.56 2.29 0.00 |
| PORT_JEFF_3 23555 | 45.40 2.77 0.00 | 43.63 2.19 0.00 | 42.13 2.01 0.00 | 41.53 1.90 0.00 | 42.22 2.01 0.00 | 45.55 1.92 0.00 | 56.65 0.31 6.10 | 56.80 0.89 33.10 | 57.66 1.08 20.51 | 53.40 1.66 0.02 | 48.69 3.23 0.00 | 47.90 3.63 0.00 | 46.77 3.66 -0.06 | 46.25 3.77 -0.08 | 46.76 3.93 -0.06 | 48.78 3.78 -0.06 | 55.47 2.14 0.05 | 68.85 1.68 0.01 | 87.95 2.90 0.28 | 77.60 2.19 0.01 | 60.97 1.72 0.01 | 53.04 1.89 0.01 | 47.22 1.95 0.00 | 45.65 2.38 0.00 |
| PORT_JEFF_4 23616 | 45.40 2.77 0.00 | 43.63 2.19 0.00 | 42.13 2.01 0.00 | 41.53 1.90 0.00 | 42.22 2.01 0.00 | 45.55 1.92 0.00 | 56.65 0.31 6.10 | 56.80 0.89 33.10 | 57.66 1.08 20.51 | 53.40 1.66 0.02 | 48.69 3.23 0.00 | 47.90 3.63 0.00 | 46.77 3.66 -0.06 | 46.25 3.77 -0.08 | 46.76 3.93 -0.06 | 48.78 3.78 -0.06 | 55.47 2.14 0.05 | 68.85 1.68 0.01 | 87.95 2.90 0.28 | 77.60 2.19 0.01 | 60.97 1.72 0.01 | 53.04 1.89 0.01 | 47.22 1.95 0.00 | 45.65 2.38 0.00 |

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| PORT_JEFF_IC 23713 | 45.44 2.81 0.00 | 43.67 2.24 0.00 | 42.17 2.05 0.00 | 41.65 2.02 0.00 | 42.34 2.13 0.00 | 45.64 2.01 0.00 | 56.75 0.37 6.06 | 57.36 1.25 32.89 | 57.87 1.16 20.38 | 53.50 1.76 0.02 | 48.83 3.36 0.00 | 47.85 3.59 0.00 | 46.86 3.75 -0.06 | 46.30 3.82 -0.09 | 46.76 3.93 -0.07 | 48.87 3.87 -0.06 | 55.47 2.14 0.05 | 69.11 1.95 0.01 | 88.21 3.16 0.28 | 77.83 2.41 0.01 | 61.09 1.84 0.01 | 53.14 1.99 0.01 | 48.85 3.58 0.00 | 46.21 2.94 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 45.82 3.20 0.00 | 44.04 2.61 0.00 | 42.53 2.41 0.00 | 41.92 2.30 0.00 | 42.67 2.45 0.00 | 46.03 2.40 0.00 | 57.12 0.56 5.87 | 58.81 1.69 31.89 | 59.03 1.69 19.76 | 54.08 2.33 0.01 | 49.33 3.86 0.00 | 47.82 3.54 -0.01 | 46.80 3.66 -0.09 | 46.34 3.82 -0.12 | 46.79 3.93 -0.09 | 48.80 3.78 -0.08 | 56.43 3.10 0.05 | 70.26 3.09 0.01 | 89.66 4.60 0.28 | 79.19 3.77 0.01 | 62.16 2.90 0.01 | 53.80 2.66 0.01 | 47.76 2.49 0.00 | 46.08 2.81 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 45.82 3.20 0.00 | 44.04 2.61 0.00 | 42.53 2.41 0.00 | 41.92 2.30 0.00 | 42.67 2.45 0.00 | 46.03 2.40 0.00 | 57.12 0.56 5.87 | 58.81 1.69 31.89 | 59.03 1.69 19.76 | 54.08 2.33 0.01 | 49.33 3.86 0.00 | 47.82 3.54 -0.01 | 46.80 3.66 -0.09 | 46.34 3.82 -0.12 | 46.79 3.93 -0.09 | 48.80 3.78 -0.08 | 56.43 3.10 0.05 | 70.26 3.09 0.01 | 89.66 4.60 0.28 | 79.19 3.77 0.01 | 62.16 2.90 0.01 | 53.80 2.66 0.01 | 47.76 2.49 0.00 | 46.08 2.81 0.00 |
| PPL_SHRM_GT3 24213 | 45.48 2.86 0.00 | 43.71 2.28 0.00 | 42.20 2.08 0.00 | 41.60 1.98 0.00 | 42.34 2.13 0.00 | 45.68 2.05 0.00 | 56.85 0.50 6.08 | 57.34 1.34 33.00 | 58.03 1.39 20.45 | 53.45 1.71 0.02 | 48.60 3.13 0.00 | 47.99 3.72 0.00 | 46.86 3.74 -0.06 | 46.34 3.86 -0.09 | 46.85 4.02 -0.07 | 48.91 3.91 -0.06 | 55.73 2.40 0.05 | 69.25 2.08 0.01 | 88.55 3.50 0.28 | 78.21 2.79 0.01 | 61.33 2.07 0.01 | 53.19 2.05 0.01 | 47.31 2.04 0.00 | 45.78 2.51 0.00 |
| PPL_SHRM_GT4 24214 | 45.48 2.86 0.00 | 43.71 2.28 0.00 | 42.20 2.08 0.00 | 41.60 1.98 0.00 | 42.34 2.13 0.00 | 45.68 2.05 0.00 | 56.85 0.50 6.08 | 57.34 1.34 33.00 | 58.03 1.39 20.45 | 53.45 1.71 0.02 | 48.60 3.13 0.00 | 47.99 3.72 0.00 | 46.86 3.74 -0.06 | 46.34 3.86 -0.09 | 46.85 4.02 -0.07 | 48.91 3.91 -0.06 | 55.73 2.40 0.05 | 69.25 2.08 0.01 | 88.55 3.50 0.28 | 78.21 2.79 0.01 | 61.33 2.07 0.01 | 53.19 2.05 0.01 | 47.31 2.04 0.00 | 45.78 2.51 0.00 |
| PROJECT___ORANGE 1 24174 | 42.03 -0.60 0.00 | 40.81 -0.62 0.00 | 39.52 -0.60 0.00 | 38.99 -0.63 0.00 | 39.61 -0.60 0.00 | 43.07 -0.57 0.00 | 61.56 0.00 0.00 | 87.94 -1.07 0.00 | 76.24 -0.85 0.00 | 51.03 -0.72 0.00 | 44.79 -0.68 0.00 | 43.51 -0.75 0.00 | 42.36 -0.69 0.00 | 41.76 -0.64 0.00 | 42.08 -0.68 0.00 | 44.18 -0.76 0.00 | 52.42 -0.96 0.00 | 66.10 -1.07 0.00 | 82.70 -1.19 1.44 | 74.52 -0.91 0.00 | 58.31 -0.95 0.00 | 50.28 -0.87 0.00 | 44.42 -0.86 0.00 | 42.54 -0.74 0.00 |
| PROJECT___ORANGE 2 24166 | 42.03 -0.60 0.00 | 40.81 -0.62 0.00 | 39.52 -0.60 0.00 | 38.99 -0.63 0.00 | 39.61 -0.60 0.00 | 43.07 -0.57 0.00 | 61.56 0.00 0.00 | 87.94 -1.07 0.00 | 76.24 -0.85 0.00 | 51.03 -0.72 0.00 | 44.79 -0.68 0.00 | 43.51 -0.75 0.00 | 42.36 -0.69 0.00 | 41.76 -0.64 0.00 | 42.08 -0.68 0.00 | 44.18 -0.76 0.00 | 52.42 -0.96 0.00 | 66.10 -1.07 0.00 | 82.70 -1.19 1.44 | 74.52 -0.91 0.00 | 58.31 -0.95 0.00 | 50.28 -0.87 0.00 | 44.42 -0.86 0.00 | 42.54 -0.74 0.00 |
| PUCKETT___SOLAR 323809 | 43.22 0.60 0.00 | 41.97 0.54 0.00 | 40.72 0.60 0.00 | 40.22 0.60 0.00 | 40.82 0.60 0.00 | 44.42 0.79 0.00 | 63.43 1.00 0.00 | 90.79 1.78 0.00 | 78.40 1.31 0.00 | 52.22 0.46 0.00 | 45.65 0.18 0.00 | 44.26 0.00 0.00 | 42.96 -0.09 0.00 | 42.44 0.04 0.00 | 42.81 0.04 0.00 | 45.08 0.14 0.00 | 53.92 0.53 0.00 | 67.84 0.67 0.00 | 85.56 1.28 1.05 | 76.85 1.43 0.00 | 60.29 1.07 0.04 | 51.65 0.72 0.22 | 45.68 0.41 0.00 | 43.75 0.48 0.00 |
| PYRITES___HYD 24023 | 44.33 1.71 0.00 | 43.34 1.91 0.00 | 41.97 1.85 0.00 | 41.37 1.74 0.00 | 42.06 1.85 0.00 | 45.95 2.31 0.00 | 66.05 3.62 0.00 | 94.44 5.43 0.00 | 80.87 3.78 0.00 | 53.88 2.12 0.00 | 47.01 1.55 0.00 | 45.68 1.42 0.00 | 44.26 1.21 0.00 | 43.54 1.14 0.00 | 43.79 1.03 0.00 | 46.29 1.35 0.00 | 55.36 1.98 0.00 | 69.59 2.42 0.00 | 88.32 2.99 0.00 | 78.67 3.24 0.00 | 61.57 2.31 0.00 | 53.51 2.35 0.00 | 47.54 2.26 0.00 | 45.48 2.21 0.00 |
| QUAKERRD_115KV_BK1 80622 | 40.62 -2.00 0.00 | 39.44 -1.99 0.00 | 38.27 -1.85 0.00 | 37.76 -1.86 0.00 | 38.32 -1.89 0.00 | 41.76 -1.88 0.00 | 59.25 -3.18 0.00 | 84.37 -4.63 0.01 | 73.45 -3.62 0.01 | 49.01 -2.74 0.00 | 42.55 -2.91 0.01 | 41.46 -2.79 0.01 | 40.24 -2.80 0.01 | 39.71 -2.67 0.01 | 40.05 -2.69 0.01 | 42.06 -2.88 0.01 | 49.54 -3.79 0.05 | 63.06 -4.10 0.01 | 78.87 -5.29 1.17 | 71.34 -4.07 0.01 | 55.35 -3.91 0.00 | 47.72 -3.53 -0.09 | 42.19 -3.08 0.01 | 41.02 -2.25 0.00 |
| QUENSBRY_115KV_TB8 356137 | 44.16 1.53 0.00 | 42.88 1.45 0.00 | 41.48 1.36 0.00 | 41.01 1.39 0.00 | 41.58 1.37 0.00 | 44.99 1.35 0.00 | 64.62 2.19 0.00 | 91.59 2.58 0.00 | 79.33 2.24 0.00 | 52.85 1.09 0.00 | 46.33 0.86 0.00 | 44.97 0.71 0.00 | 43.74 0.69 0.00 | 42.99 0.59 0.00 | 43.45 0.68 0.00 | 45.84 0.90 0.00 | 54.72 1.33 0.00 | 69.52 2.35 0.00 | 88.20 3.07 0.21 | 77.38 1.96 0.00 | 61.28 2.01 0.00 | 52.79 1.64 0.00 | 46.77 1.49 0.00 | 44.48 1.21 0.00 |
| RAMAPO___LBMP 323565 | 44.97 2.34 0.00 | 43.46 2.03 0.00 | 41.97 1.85 0.00 | 41.49 1.86 0.00 | 42.10 1.89 0.00 | 45.51 1.88 0.00 | 64.43 2.00 0.00 | 92.84 3.83 0.00 | 80.41 3.31 0.00 | 54.61 2.85 0.00 | 48.61 3.14 0.00 | 47.27 3.01 0.00 | 46.15 3.10 0.00 | 45.49 3.09 0.00 | 45.97 3.21 0.00 | 48.14 3.19 0.00 | 56.70 3.31 0.00 | 70.73 3.56 0.00 | 90.08 5.03 0.29 | 79.57 4.15 0.00 | 62.40 3.14 0.00 | 54.02 2.86 0.00 | 48.08 2.81 0.00 | 45.56 2.29 0.00 |
| RANKINE____ 23646 | 40.24 -2.39 0.00 | 38.90 -2.53 0.00 | 38.19 -1.93 0.00 | 37.45 -2.18 0.00 | 37.96 -2.25 0.00 | 41.76 -1.88 0.00 | 57.94 -4.50 0.00 | 82.22 -6.76 0.03 | 71.59 -5.47 0.03 | 47.40 -4.35 0.01 | 41.53 -3.91 0.03 | 40.52 -3.72 0.03 | 39.45 -3.57 0.03 | 38.89 -3.48 0.03 | 39.14 -3.59 0.03 | 40.92 -4.00 0.02 | 48.29 -5.02 0.08 | 61.17 -5.98 0.02 | 76.46 -7.68 1.20 | 68.76 -6.64 0.02 | 53.68 -5.33 0.25 | 44.93 -4.91 1.31 | 41.41 -3.85 0.02 | 40.16 -3.12 0.00 |
| RAVENSWOOD_GT2_1 24244 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.42 2.21 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.10 4.01 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.89 3.63 0.00 | 46.75 3.70 0.00 | 46.08 3.69 0.00 | 46.61 3.85 0.00 | 48.76 3.82 0.00 | 57.45 4.06 -0.01 | 71.41 4.23 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.58 3.43 0.00 | 48.58 3.31 0.00 | 46.04 2.77 0.00 |
| RAVENSWOOD_GT2_2 24245 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.42 2.21 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.10 4.01 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.89 3.63 0.00 | 46.75 3.70 0.00 | 46.08 3.69 0.00 | 46.61 3.85 0.00 | 48.76 3.82 0.00 | 57.45 4.06 -0.01 | 71.41 4.23 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.58 3.43 0.00 | 48.58 3.31 0.00 | 46.04 2.77 0.00 |

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| RAVENSWOOD_GT2_3 24246 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.47 2.25 0.00 | 45.95 2.31 0.00 | 64.93 2.50 0.00 | 93.46 4.45 0.00 | 81.18 4.09 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.94 3.67 0.00 | 46.80 3.75 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.81 3.87 0.00 | 57.50 4.11 -0.01 | 71.47 4.30 0.00 | 90.86 5.80 0.28 | 80.25 4.83 0.00 | 62.99 3.73 0.00 | 54.63 3.48 0.00 | 48.63 3.35 0.00 | 46.08 2.81 0.00 |
| RAVENSWOOD_GT2_4 24247 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.47 2.25 0.00 | 45.95 2.31 0.00 | 64.93 2.50 0.00 | 93.46 4.45 0.00 | 81.18 4.09 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.94 3.67 0.00 | 46.80 3.75 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.81 3.87 0.00 | 57.50 4.11 -0.01 | 71.47 4.30 0.00 | 90.86 5.80 0.28 | 80.25 4.83 0.00 | 62.99 3.73 0.00 | 54.63 3.48 0.00 | 48.63 3.35 0.00 | 46.08 2.81 0.00 |
| RAVENSWOOD_GT3_1 24248 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.47 2.25 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.10 4.01 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.89 3.63 0.00 | 46.75 3.70 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.81 3.87 0.00 | 57.45 4.06 -0.01 | 71.41 4.23 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.58 3.43 0.00 | 48.63 3.35 0.00 | 46.04 2.77 0.00 |
| RAVENSWOOD_GT3_2 24249 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.47 2.25 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.10 4.01 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.89 3.63 0.00 | 46.75 3.70 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.81 3.87 0.00 | 57.45 4.06 -0.01 | 71.41 4.23 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.58 3.43 0.00 | 48.63 3.35 0.00 | 46.04 2.77 0.00 |
| RAVENSWOOD_GT3_3 24250 | 45.48 2.86 0.00 | 43.96 2.53 0.00 | 42.37 2.25 0.00 | 41.88 2.26 0.00 | 42.51 2.29 0.00 | 45.95 2.31 0.00 | 64.93 2.50 0.00 | 93.55 4.54 0.00 | 81.25 4.16 0.00 | 55.23 3.47 0.00 | 49.24 3.77 0.00 | 47.98 3.72 0.00 | 46.84 3.79 0.00 | 46.17 3.77 0.00 | 46.65 3.89 0.00 | 48.85 3.91 0.00 | 57.56 4.16 -0.01 | 71.54 4.37 0.00 | 90.94 5.89 0.28 | 80.33 4.90 0.00 | 63.05 3.79 0.00 | 54.68 3.53 0.00 | 48.67 3.40 0.00 | 46.13 2.86 0.00 |
| RAVENSWOOD_GT3_4 24251 | 45.48 2.86 0.00 | 43.96 2.53 0.00 | 42.37 2.25 0.00 | 41.88 2.26 0.00 | 42.51 2.29 0.00 | 45.95 2.31 0.00 | 64.93 2.50 0.00 | 93.55 4.54 0.00 | 81.25 4.16 0.00 | 55.23 3.47 0.00 | 49.24 3.77 0.00 | 47.98 3.72 0.00 | 46.84 3.79 0.00 | 46.17 3.77 0.00 | 46.65 3.89 0.00 | 48.85 3.91 0.00 | 57.56 4.16 -0.01 | 71.54 4.37 0.00 | 90.94 5.89 0.28 | 80.33 4.90 0.00 | 63.05 3.79 0.00 | 54.68 3.53 0.00 | 48.67 3.40 0.00 | 46.13 2.86 0.00 |
| RAVENSWOOD_GT_1 23729 | 45.61 2.98 0.00 | 44.08 2.65 0.00 | 42.49 2.37 0.00 | 42.00 2.38 0.00 | 42.59 2.37 0.00 | 46.08 2.44 0.00 | 64.56 2.12 0.00 | 93.01 4.01 0.00 | 80.71 3.62 0.00 | 54.92 3.16 0.00 | 48.97 3.50 0.00 | 47.67 3.41 0.00 | 46.54 3.49 0.00 | 45.91 3.52 0.00 | 46.44 3.68 0.00 | 48.58 3.64 0.00 | 57.24 3.84 -0.01 | 71.07 3.90 0.00 | 90.43 5.38 0.28 | 79.80 4.37 0.00 | 62.70 3.44 0.00 | 54.58 3.43 0.00 | 48.76 3.49 0.00 | 46.26 2.99 0.00 |
| RAVENSWOOD_GT_10 24258 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.42 2.21 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.10 4.01 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.89 3.63 0.00 | 46.80 3.75 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.81 3.87 0.00 | 57.45 4.06 -0.01 | 71.47 4.30 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.58 3.43 0.00 | 48.58 3.31 0.00 | 46.04 2.77 0.00 |
| RAVENSWOOD_GT_11 24259 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.42 2.21 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.10 4.01 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.89 3.63 0.00 | 46.80 3.75 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.81 3.87 0.00 | 57.45 4.06 -0.01 | 71.47 4.30 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.58 3.43 0.00 | 48.58 3.31 0.00 | 46.04 2.77 0.00 |
| RAVENSWOOD_GT_4 24252 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.47 2.25 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.10 4.01 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.89 3.63 0.00 | 46.75 3.70 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.81 3.87 0.00 | 57.45 4.06 -0.01 | 71.41 4.23 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.58 3.43 0.00 | 48.63 3.35 0.00 | 46.08 2.81 0.00 |
| RAVENSWOOD_GT_5 24254 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.47 2.25 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.10 4.01 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.89 3.63 0.00 | 46.75 3.70 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.81 3.87 0.00 | 57.45 4.06 -0.01 | 71.41 4.23 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.58 3.43 0.00 | 48.63 3.35 0.00 | 46.08 2.81 0.00 |
| RAVENSWOOD_GT_6 24253 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.47 2.25 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.10 4.01 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.89 3.63 0.00 | 46.75 3.70 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.81 3.87 0.00 | 57.45 4.06 -0.01 | 71.41 4.23 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.58 3.43 0.00 | 48.63 3.35 0.00 | 46.08 2.81 0.00 |
| RAVENSWOOD_GT_7 24255 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.47 2.25 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.10 4.01 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.89 3.63 0.00 | 46.75 3.70 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.81 3.87 0.00 | 57.45 4.06 -0.01 | 71.41 4.23 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.58 3.43 0.00 | 48.63 3.35 0.00 | 46.08 2.81 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.42 2.21 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.10 4.01 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.89 3.63 0.00 | 46.80 3.75 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.81 3.87 0.00 | 57.45 4.06 -0.01 | 71.47 4.30 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.58 3.43 0.00 | 48.58 3.31 0.00 | 46.04 2.77 0.00 |
| RAVENSWOOD_GT_9 24257 | 45.44 2.81 0.00 | 43.92 2.49 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.42 2.21 0.00 | 45.90 2.27 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 81.10 4.01 0.00 | 55.18 3.42 0.00 | 49.20 3.73 0.00 | 47.89 3.63 0.00 | 46.80 3.75 0.00 | 46.13 3.73 0.00 | 46.61 3.85 0.00 | 48.81 3.87 0.00 | 57.45 4.06 -0.01 | 71.47 4.30 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.58 3.43 0.00 | 48.58 3.31 0.00 | 46.04 2.77 0.00 |

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| RAVENSWOOD___1 23533 | 45.56 2.94 0.00 | 44.04 2.61 0.00 | 42.48 2.37 0.00 | 42.00 2.38 0.00 | 42.54 2.33 0.00 | 46.07 2.44 0.00 | 64.61 2.18 0.01 | 93.01 4.01 0.01 | 80.78 3.70 0.01 | 54.75 3.00 0.01 | 48.91 3.45 0.01 | 47.71 3.45 0.01 | 46.50 3.45 0.00 | 45.91 3.52 0.00 | 46.44 3.68 0.00 | 48.54 3.60 0.00 | 57.24 3.85 -0.01 | 71.06 3.89 0.01 | 90.34 5.29 0.28 | 79.79 4.37 0.01 | 62.75 3.50 0.01 | 54.48 3.32 0.00 | 48.31 3.03 0.00 | 46.13 2.86 0.00 |
| RAVENSWOOD___2 23534 | 45.56 2.94 0.00 | 44.00 2.57 0.00 | 42.48 2.37 0.00 | 41.96 2.34 0.00 | 42.54 2.33 0.00 | 46.03 2.40 0.00 | 64.61 2.18 0.01 | 92.91 3.91 0.01 | 80.71 3.62 0.01 | 54.75 3.00 0.01 | 48.87 3.41 0.01 | 47.67 3.41 0.01 | 46.45 3.40 0.00 | 45.91 3.52 0.00 | 46.44 3.68 0.00 | 48.49 3.55 0.00 | 57.18 3.79 -0.01 | 70.99 3.83 0.01 | 90.34 5.29 0.28 | 79.79 4.37 0.01 | 62.69 3.44 0.01 | 54.48 3.32 0.00 | 48.31 3.03 0.00 | 46.13 2.86 0.00 |
| RAVENSWOOD___3 23535 | 45.44 2.81 0.00 | 43.88 2.44 0.00 | 42.33 2.21 0.00 | 41.84 2.22 0.00 | 42.42 2.21 0.00 | 45.90 2.27 0.00 | 64.99 2.56 0.00 | 93.55 4.54 0.00 | 81.25 4.16 0.00 | 55.12 3.36 0.00 | 49.20 3.73 0.00 | 47.98 3.72 0.00 | 46.75 3.70 0.00 | 46.17 3.77 0.00 | 46.65 3.89 0.00 | 48.76 3.82 0.00 | 57.56 4.17 -0.01 | 71.48 4.30 0.00 | 90.86 5.81 0.27 | 80.25 4.83 0.00 | 63.11 3.85 0.00 | 54.58 3.43 0.00 | 48.18 2.90 0.00 | 45.96 2.68 0.00 |
| RAVENSWOOD___4 23820 | 45.56 2.94 0.00 | 44.00 2.57 0.00 | 42.48 2.37 0.00 | 41.96 2.34 0.00 | 42.54 2.33 0.00 | 46.03 2.40 0.00 | 64.55 2.12 0.01 | 92.91 3.91 0.01 | 80.63 3.55 0.01 | 54.70 2.95 0.01 | 48.82 3.36 0.01 | 47.67 3.41 0.01 | 46.41 3.36 0.00 | 45.87 3.48 0.00 | 46.40 3.63 0.00 | 48.45 3.51 0.00 | 57.18 3.79 -0.01 | 70.99 3.83 0.01 | 90.26 5.21 0.28 | 79.71 4.30 0.01 | 62.69 3.44 0.01 | 54.43 3.28 0.00 | 48.31 3.03 0.00 | 46.12 2.86 0.00 |
| RCPL_TRUST___DRP 24196 | 45.48 2.86 0.00 | 43.96 2.53 0.00 | 42.41 2.29 0.00 | 41.88 2.26 0.00 | 42.51 2.29 0.00 | 45.99 2.36 0.00 | 64.99 2.56 0.00 | 93.73 4.72 0.00 | 81.33 4.24 0.00 | 55.33 3.57 0.00 | 49.33 3.86 0.00 | 48.03 3.76 0.00 | 46.93 3.87 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.94 4.00 0.00 | 57.66 4.27 -0.01 | 71.61 4.43 0.00 | 91.12 6.06 0.28 | 80.40 4.98 0.00 | 63.11 3.85 0.00 | 54.73 3.58 0.00 | 48.67 3.40 0.00 | 46.13 2.86 0.00 |
| RED___ROCHESTER 323720 | 41.60 -1.02 0.00 | 40.35 -1.08 0.00 | 39.24 -0.88 0.00 | 38.83 -0.79 0.00 | 39.33 -0.88 0.00 | 42.80 -0.83 0.00 | 60.62 -1.81 0.00 | 86.41 -2.58 0.01 | 75.31 -1.77 0.01 | 50.46 -1.29 0.00 | 43.41 -2.05 0.01 | 42.30 -1.95 0.01 | 41.36 -1.68 0.01 | 40.60 -1.78 0.02 | 40.91 -1.84 0.02 | 43.18 -1.75 0.01 | 50.44 -2.88 0.06 | 65.01 -2.15 0.01 | 81.40 -2.73 1.20 | 73.22 -2.19 0.01 | 56.53 -2.73 0.00 | 48.57 -2.66 -0.08 | 44.04 -1.22 0.01 | 42.19 -1.08 0.00 |
| REGAN___SOLAR 323812 | 44.63 2.00 0.00 | 43.34 1.91 0.00 | 41.93 1.81 0.00 | 41.45 1.82 0.00 | 42.06 1.85 0.00 | 45.77 2.14 0.00 | 65.80 3.37 0.00 | 93.55 4.54 0.00 | 79.86 2.77 0.00 | 52.12 0.36 0.00 | 45.20 -0.27 0.00 | 43.55 -0.71 0.00 | 42.32 -0.73 0.00 | 41.72 -0.68 0.00 | 42.38 -0.39 0.00 | 45.12 0.18 0.00 | 54.77 1.39 0.00 | 70.33 3.16 0.00 | 89.59 4.52 0.26 | 78.89 3.47 0.00 | 62.28 3.02 0.00 | 53.71 2.56 0.00 | 47.27 1.99 0.00 | 45.05 1.77 0.00 |
| RENSSELAER___COGEN 23796 | 42.84 0.21 0.00 | 41.64 0.21 0.00 | 40.32 0.20 0.00 | 39.86 0.24 0.00 | 40.37 0.16 0.00 | 43.63 0.00 0.00 | 62.56 0.13 0.00 | 88.74 -0.27 0.00 | 76.94 -0.15 0.00 | 51.76 0.00 0.00 | 45.83 0.36 0.00 | 44.66 0.40 0.00 | 43.48 0.43 0.00 | 42.78 0.38 0.00 | 43.28 0.52 0.00 | 45.35 0.40 0.00 | 53.92 0.53 0.00 | 67.71 0.53 0.00 | 85.89 0.77 0.21 | 75.73 0.30 0.00 | 59.79 0.53 0.00 | 51.61 0.46 0.00 | 45.37 0.09 0.00 | 43.31 0.04 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 45.87 3.24 0.00 | 44.54 3.11 0.00 | 43.09 2.97 0.00 | 42.60 2.97 0.00 | 43.15 2.94 0.00 | 46.86 3.23 0.00 | 67.62 5.18 0.00 | 95.68 6.68 0.00 | 82.72 5.63 0.00 | 54.71 2.95 0.00 | 47.70 2.23 0.00 | 46.12 1.86 0.00 | 44.82 1.77 0.00 | 44.01 1.61 0.00 | 44.52 1.75 0.00 | 47.10 2.16 0.00 | 56.43 3.04 0.00 | 72.35 5.17 0.00 | 91.87 6.74 0.21 | 80.33 4.90 0.00 | 63.76 4.50 0.00 | 54.79 3.63 0.00 | 48.45 3.17 0.00 | 46.04 2.77 0.00 |
| REVERE_CPPR_DRP 24186 | 44.03 1.41 0.00 | 42.88 1.45 0.00 | 41.52 1.40 0.00 | 40.89 1.27 0.00 | 41.66 1.45 0.00 | 45.33 1.70 0.00 | 65.12 2.68 0.00 | 93.46 4.45 0.00 | 80.49 3.39 0.00 | 53.31 1.55 0.00 | 46.70 1.23 0.00 | 45.28 1.02 0.00 | 43.87 0.82 0.00 | 43.29 0.89 0.00 | 43.49 0.73 0.00 | 45.98 1.03 0.00 | 55.04 1.65 0.00 | 69.19 2.02 0.00 | 87.97 3.16 0.52 | 78.59 3.17 0.00 | 61.57 2.31 0.00 | 53.15 1.99 0.00 | 46.82 1.54 0.00 | 44.66 1.38 0.00 |
| REYNLDPA_13_KV_LD 356490 | 43.14 0.51 0.00 | 42.05 0.62 0.00 | 40.76 0.64 0.00 | 40.22 0.60 0.00 | 40.82 0.60 0.00 | 44.46 0.83 0.00 | 63.75 1.31 0.00 | 90.88 1.87 0.00 | 78.48 1.39 0.00 | 52.74 0.98 0.00 | 46.15 0.68 0.00 | 44.93 0.66 0.00 | 43.61 0.56 0.00 | 42.91 0.51 0.00 | 43.19 0.43 0.00 | 45.49 0.54 0.00 | 54.08 0.69 0.00 | 67.98 0.81 0.00 | 86.19 0.85 0.00 | 76.33 0.91 0.00 | 60.03 0.77 0.00 | 51.92 0.77 0.00 | 46.14 0.86 0.00 | 44.18 0.91 0.00 |
| REYNOLDS_115KV_TB3 80639 | 43.18 0.55 0.00 | 41.97 0.54 0.00 | 40.60 0.48 0.00 | 40.18 0.55 0.00 | 40.70 0.48 0.00 | 43.98 0.35 0.00 | 63.00 0.56 0.00 | 89.28 0.27 0.00 | 77.40 0.31 0.00 | 52.22 0.47 0.00 | 46.10 0.64 0.00 | 45.02 0.75 0.00 | 43.83 0.77 0.00 | 43.07 0.68 0.00 | 43.53 0.77 0.00 | 45.66 0.72 0.00 | 54.34 0.96 0.00 | 68.25 1.07 0.00 | 86.66 1.54 0.21 | 76.18 0.75 0.00 | 60.27 1.01 0.00 | 52.07 0.92 0.00 | 45.96 0.68 0.00 | 43.70 0.43 0.00 |
| RIVERBAY____ 323610 | 46.21 3.58 0.00 | 44.70 3.27 0.00 | 43.09 2.97 0.00 | 42.59 2.97 0.00 | 43.19 2.98 0.00 | 46.74 3.10 -0.01 | 65.37 2.93 0.00 | 94.08 5.07 0.00 | 81.56 4.47 0.00 | 55.07 3.31 0.00 | 49.11 3.64 0.00 | 47.81 3.54 0.00 | 46.67 3.62 0.00 | 46.04 3.65 0.00 | 46.57 3.81 0.00 | 48.72 3.78 0.00 | 57.40 4.00 -0.01 | 71.74 4.57 0.00 | 91.29 6.23 0.28 | 80.70 5.28 0.00 | 63.11 3.85 0.00 | 55.04 3.89 0.00 | 49.36 4.07 -0.01 | 46.87 3.59 -0.01 |
| RIVERSDE_115KV_TB3 55908 | 42.92 0.30 0.00 | 41.68 0.25 0.00 | 40.36 0.24 0.00 | 39.94 0.32 0.00 | 40.45 0.24 0.00 | 43.72 0.09 0.00 | 62.56 0.12 0.00 | 88.74 -0.27 0.00 | 77.01 -0.08 0.00 | 51.91 0.16 0.00 | 45.83 0.36 0.00 | 44.71 0.44 0.00 | 43.57 0.52 0.00 | 42.82 0.42 0.00 | 43.32 0.56 0.00 | 45.44 0.49 0.00 | 53.97 0.59 0.00 | 67.85 0.67 0.00 | 86.06 0.94 0.21 | 75.73 0.30 0.00 | 59.85 0.59 0.00 | 51.72 0.56 0.00 | 45.64 0.36 0.00 | 43.44 0.17 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 42.54 -0.09 0.00 | 41.39 -0.04 0.00 | 40.08 -0.04 0.00 | 39.62 0.00 0.00 | 40.25 0.04 0.00 | 43.72 0.09 0.00 | 62.56 0.13 0.00 | 89.28 0.27 0.00 | 77.24 0.15 0.00 | 51.91 0.16 0.00 | 45.56 0.09 0.00 | 44.40 0.13 0.00 | 43.14 0.09 0.00 | 42.48 0.08 0.00 | 42.85 0.09 0.00 | 45.03 0.09 0.00 | 53.49 0.11 0.00 | 67.24 0.07 0.00 | 85.42 0.09 0.00 | 75.42 0.00 0.00 | 59.26 0.00 0.00 | 51.10 -0.05 0.00 | 45.19 -0.09 0.00 | 43.14 -0.13 0.00 |

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| ROCHESRG_115KV_T4 355643 | 41.26 -1.36 0.00 | 40.02 -1.41 0.00 | 38.92 -1.20 0.00 | 38.36 -1.27 0.00 | 38.93 -1.29 0.00 | 42.45 -1.18 0.00 | 60.00 -2.43 0.00 | 85.35 -3.65 0.01 | 74.30 -2.78 0.01 | 49.58 -2.17 0.00 | 43.00 -2.46 0.01 | 41.90 -2.35 0.01 | 40.67 -2.37 0.01 | 40.18 -2.20 0.02 | 40.48 -2.27 0.02 | 42.55 -2.38 0.01 | 49.91 -3.42 0.05 | 63.67 -3.49 0.01 | 79.61 -4.52 1.20 | 72.02 -3.39 0.01 | 55.82 -3.44 0.00 | 48.05 -3.17 -0.06 | 42.59 -2.67 0.01 | 41.58 -1.69 0.00 |
| ROCHESTER_9_IC 23652 | 41.48 -1.15 0.00 | 40.19 -1.24 0.00 | 39.08 -1.04 0.00 | 38.51 -1.11 0.00 | 39.09 -1.13 0.00 | 42.67 -0.96 0.00 | 60.31 -2.12 0.00 | 85.88 -3.12 0.01 | 74.76 -2.31 0.01 | 49.84 -1.92 0.00 | 43.18 -2.27 0.01 | 42.08 -2.17 0.01 | 40.84 -2.20 0.01 | 40.35 -2.04 0.02 | 40.65 -2.10 0.02 | 42.73 -2.20 0.01 | 50.18 -3.15 0.06 | 64.07 -3.09 0.01 | 80.04 -4.10 1.20 | 72.47 -2.94 0.01 | 56.12 -3.14 0.00 | 48.31 -2.92 -0.08 | 42.77 -2.49 0.01 | 41.76 -1.51 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 45.35 2.73 0.00 | 43.84 2.40 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.42 2.21 0.00 | 45.86 2.23 0.00 | 64.93 2.50 0.00 | 93.46 4.45 0.00 | 81.18 4.09 0.00 | 55.12 3.36 0.00 | 49.15 3.68 0.00 | 47.85 3.59 0.00 | 46.71 3.66 0.00 | 46.04 3.65 0.00 | 46.53 3.76 0.00 | 48.72 3.78 0.00 | 57.38 4.00 0.01 | 71.41 4.23 0.00 | 90.86 5.80 0.28 | 80.18 4.75 0.00 | 62.99 3.73 0.00 | 54.53 3.38 0.00 | 48.54 3.26 0.00 | 46.00 2.73 0.00 |
| ROME____115KV_TB2 80656 | 44.03 1.41 0.00 | 42.88 1.45 0.00 | 41.52 1.40 0.00 | 40.89 1.27 0.00 | 41.66 1.45 0.00 | 45.33 1.70 0.00 | 65.12 2.68 0.00 | 93.46 4.45 0.00 | 80.49 3.39 0.00 | 53.31 1.55 0.00 | 46.70 1.23 0.00 | 45.28 1.02 0.00 | 43.87 0.82 0.00 | 43.29 0.89 0.00 | 43.49 0.73 0.00 | 45.98 1.03 0.00 | 55.04 1.65 0.00 | 69.19 2.02 0.00 | 87.97 3.16 0.52 | 78.59 3.17 0.00 | 61.57 2.31 0.00 | 53.15 1.99 0.00 | 46.82 1.54 0.00 | 44.66 1.38 0.00 |
| ROSETON___1 23587 | 44.80 2.17 0.00 | 43.34 1.91 0.00 | 41.84 1.72 0.00 | 41.33 1.70 0.00 | 41.90 1.69 0.00 | 45.33 1.70 0.00 | 64.25 1.81 0.00 | 92.30 3.30 0.00 | 80.02 2.93 0.00 | 54.19 2.43 0.00 | 48.33 2.87 0.00 | 47.10 2.84 0.00 | 45.89 2.84 0.00 | 45.28 2.88 0.00 | 45.75 2.99 0.00 | 47.86 2.92 0.00 | 56.48 3.10 0.00 | 70.33 3.16 0.00 | 89.49 4.43 0.28 | 79.04 3.62 0.00 | 62.16 2.90 0.00 | 53.76 2.61 0.00 | 47.45 2.17 0.00 | 45.26 1.99 0.00 |
| ROSETON___2 23588 | 44.80 2.17 0.00 | 43.34 1.91 0.00 | 41.84 1.72 0.00 | 41.33 1.70 0.00 | 41.90 1.69 0.00 | 45.33 1.70 0.00 | 64.25 1.81 0.00 | 92.30 3.30 0.00 | 80.02 2.93 0.00 | 54.19 2.43 0.00 | 48.33 2.87 0.00 | 47.10 2.84 0.00 | 45.89 2.84 0.00 | 45.28 2.88 0.00 | 45.75 2.99 0.00 | 47.86 2.92 0.00 | 56.48 3.10 0.00 | 70.33 3.16 0.00 | 89.49 4.43 0.28 | 79.04 3.62 0.00 | 62.16 2.90 0.00 | 53.76 2.61 0.00 | 47.45 2.17 0.00 | 45.26 1.99 0.00 |
| ROTTTRDAM_115KV_TB3 80664 | 43.69 1.07 0.00 | 42.43 0.99 0.00 | 41.04 0.92 0.00 | 40.58 0.95 0.00 | 41.14 0.92 0.00 | 44.55 0.92 0.00 | 63.74 1.31 0.00 | 90.61 1.60 0.00 | 78.48 1.39 0.00 | 52.64 0.88 0.00 | 46.29 0.82 0.00 | 45.06 0.80 0.00 | 43.87 0.82 0.00 | 43.16 0.76 0.00 | 43.62 0.86 0.00 | 45.89 0.94 0.00 | 54.56 1.17 0.00 | 68.79 1.61 0.00 | 87.26 2.13 0.21 | 77.01 1.58 0.00 | 60.74 1.48 0.00 | 52.43 1.28 0.00 | 46.36 1.09 0.00 | 44.18 0.91 0.00 |
| RUSSELL___1 23602 | 41.60 -1.02 0.00 | 40.35 -1.08 0.00 | 39.20 -0.92 0.00 | 38.63 -0.99 0.00 | 39.21 -1.01 0.00 | 42.80 -0.83 0.00 | 60.56 -1.87 0.00 | 86.24 -2.76 0.01 | 75.07 -2.00 0.01 | 50.05 -1.71 0.00 | 43.36 -2.09 0.01 | 42.26 -1.99 0.01 | 41.01 -2.02 0.01 | 40.51 -1.87 0.02 | 40.82 -1.92 0.02 | 42.86 -2.07 0.01 | 50.39 -2.94 0.06 | 64.41 -2.75 0.01 | 80.55 -3.58 1.20 | 72.85 -2.56 0.01 | 56.41 -2.84 0.00 | 48.57 -2.66 -0.08 | 43.00 -2.26 0.01 | 41.93 -1.34 0.00 |
| RUSSELL___2 23532 | 41.60 -1.02 0.00 | 40.35 -1.08 0.00 | 39.20 -0.92 0.00 | 38.63 -0.99 0.00 | 39.21 -1.01 0.00 | 42.80 -0.83 0.00 | 60.56 -1.87 0.00 | 86.24 -2.76 0.01 | 75.07 -2.00 0.01 | 50.05 -1.71 0.00 | 43.36 -2.09 0.01 | 42.26 -1.99 0.01 | 41.01 -2.02 0.01 | 40.51 -1.87 0.02 | 40.82 -1.92 0.02 | 42.86 -2.07 0.01 | 50.39 -2.94 0.06 | 64.41 -2.75 0.01 | 80.55 -3.58 1.20 | 72.85 -2.56 0.01 | 56.41 -2.84 0.00 | 48.57 -2.66 -0.08 | 43.00 -2.26 0.01 | 41.93 -1.34 0.00 |
| RUSSELL___3 23549 | 41.60 -1.02 0.00 | 40.35 -1.08 0.00 | 39.20 -0.92 0.00 | 38.63 -0.99 0.00 | 39.21 -1.01 0.00 | 42.80 -0.83 0.00 | 60.56 -1.87 0.00 | 86.24 -2.76 0.01 | 75.07 -2.00 0.01 | 50.05 -1.71 0.00 | 43.36 -2.09 0.01 | 42.26 -1.99 0.01 | 41.01 -2.02 0.01 | 40.51 -1.87 0.02 | 40.82 -1.92 0.02 | 42.86 -2.07 0.01 | 50.39 -2.94 0.06 | 64.41 -2.75 0.01 | 80.55 -3.58 1.20 | 72.85 -2.56 0.01 | 56.41 -2.84 0.00 | 48.57 -2.66 -0.08 | 43.00 -2.26 0.01 | 41.93 -1.34 0.00 |
| RUSSELL___4 23556 | 41.60 -1.02 0.00 | 40.35 -1.08 0.00 | 39.20 -0.92 0.00 | 38.63 -0.99 0.00 | 39.21 -1.01 0.00 | 42.80 -0.83 0.00 | 60.56 -1.87 0.00 | 86.24 -2.76 0.01 | 75.07 -2.00 0.01 | 50.05 -1.71 0.00 | 43.36 -2.09 0.01 | 42.26 -1.99 0.01 | 41.01 -2.02 0.01 | 40.51 -1.87 0.02 | 40.82 -1.92 0.02 | 42.86 -2.07 0.01 | 50.39 -2.94 0.06 | 64.41 -2.75 0.01 | 80.55 -3.58 1.20 | 72.85 -2.56 0.01 | 56.41 -2.84 0.00 | 48.57 -2.66 -0.08 | 43.00 -2.26 0.01 | 41.93 -1.34 0.00 |
| RUSSELL___STATION 23914 | 41.60 -1.02 0.00 | 40.35 -1.08 0.00 | 39.20 -0.92 0.00 | 38.63 -0.99 0.00 | 39.21 -1.01 0.00 | 42.80 -0.83 0.00 | 60.56 -1.87 0.00 | 86.24 -2.76 0.01 | 75.07 -2.00 0.01 | 50.05 -1.71 0.00 | 43.36 -2.09 0.01 | 42.26 -1.99 0.01 | 41.01 -2.02 0.01 | 40.51 -1.87 0.02 | 40.82 -1.92 0.02 | 42.86 -2.07 0.01 | 50.39 -2.94 0.06 | 64.41 -2.75 0.01 | 80.55 -3.58 1.20 | 72.85 -2.56 0.01 | 56.41 -2.84 0.00 | 48.57 -2.66 -0.08 | 43.00 -2.26 0.01 | 41.93 -1.34 0.00 |
| S SALMON___HYD 24043 | 42.50 -0.13 0.00 | 41.31 -0.12 0.00 | 40.00 -0.12 0.00 | 39.43 -0.20 0.00 | 40.13 -0.08 0.00 | 43.63 0.00 0.00 | 62.50 0.06 0.00 | 89.37 0.36 0.00 | 77.17 0.08 0.00 | 51.40 -0.36 0.00 | 44.97 -0.50 0.00 | 43.64 -0.62 0.00 | 42.41 -0.64 0.00 | 41.80 -0.59 0.00 | 42.08 -0.69 0.00 | 44.41 -0.54 0.00 | 52.75 -0.64 0.00 | 66.57 -0.61 0.00 | 84.99 -0.34 0.00 | 75.50 0.08 0.00 | 59.08 -0.18 0.00 | 51.00 -0.15 0.00 | 45.14 -0.14 0.00 | 43.10 -0.17 0.00 |
| S.PERRY___115KV_TB1 80734 | 42.16 -0.47 0.00 | 40.81 -0.62 0.00 | 39.84 -0.28 0.00 | 39.27 -0.36 0.00 | 39.89 -0.32 0.00 | 43.81 0.17 0.00 | 61.93 -0.50 0.00 | 91.80 2.85 0.05 | 78.73 1.70 0.05 | 51.12 -0.62 0.02 | 43.91 -1.50 0.06 | 42.44 -1.77 0.06 | 41.32 -1.68 0.06 | 40.47 -1.87 0.06 | 40.82 -1.88 0.06 | 42.93 -1.98 0.03 | 50.84 -2.40 0.14 | 65.26 -1.88 0.03 | 82.26 -1.88 1.20 | 74.18 -1.21 0.03 | 58.32 -1.60 -0.66 | 53.44 -1.74 -4.02 | 43.70 -1.54 0.03 | 42.41 -0.87 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 40.03 -2.60 0.00 | 38.78 -2.65 0.00 | 37.99 -2.13 0.00 | 37.25 -2.38 0.00 | 37.76 -2.45 0.00 | 41.49 -2.14 0.00 | 57.31 -5.12 0.00 | 81.24 -7.74 0.02 | 70.82 -6.24 0.02 | 46.99 -4.76 0.01 | 40.94 -4.50 0.02 | 39.95 -4.29 0.02 | 38.85 -4.18 0.02 | 38.38 -3.99 0.03 | 38.63 -4.11 0.03 | 40.47 -4.45 0.02 | 47.26 -6.03 0.09 | 60.17 -6.99 0.02 | 75.09 -9.05 1.20 | 67.94 -7.47 0.02 | 52.56 -6.46 0.24 | 44.04 -5.88 1.23 | 40.59 -4.66 0.02 | 39.90 -3.38 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 40.03 -2.60 0.00 | 38.78 -2.65 0.00 | 37.99 -2.13 0.00 | 37.25 -2.38 0.00 | 37.76 -2.45 0.00 | 41.49 -2.14 0.00 | 57.31 -5.12 0.00 | 81.24 -7.74 0.02 | 70.82 -6.24 0.02 | 46.99 -4.76 0.01 | 40.94 -4.50 0.02 | 39.95 -4.29 0.02 | 38.85 -4.18 0.02 | 38.38 -3.99 0.03 | 38.63 -4.11 0.03 | 40.47 -4.45 0.02 | 47.26 -6.03 0.09 | 60.17 -6.99 0.02 | 75.09 -9.05 1.20 | 67.94 -7.47 0.02 | 52.56 -6.46 0.24 | 44.04 -5.88 1.23 | 40.59 -4.66 0.02 | 39.90 -3.38 0.00 |
| SELKIRK___I 23801 | 43.43 0.81 0.00 | 42.22 0.79 0.00 | 40.88 0.76 0.00 | 40.42 0.79 0.00 | 40.94 0.72 0.00 | 44.24 0.61 0.00 | 63.31 0.87 0.00 | 89.90 0.89 0.00 | 77.86 0.77 0.00 | 52.28 0.52 0.00 | 46.10 0.64 0.00 | 44.88 0.62 0.00 | 43.65 0.60 0.00 | 42.99 0.59 0.00 | 43.49 0.73 0.00 | 45.66 0.72 0.00 | 54.35 0.96 0.00 | 68.38 1.21 0.00 | 86.83 1.71 0.21 | 76.63 1.20 0.00 | 60.45 1.18 0.00 | 52.18 1.02 0.00 | 45.96 0.68 0.00 | 43.88 0.61 0.00 |
| SELKIRK___II 23799 | 43.10 0.47 0.00 | 41.89 0.46 0.00 | 40.52 0.40 0.00 | 40.06 0.44 0.00 | 40.62 0.40 0.00 | 43.90 0.26 0.00 | 62.81 0.38 0.00 | 89.19 0.18 0.00 | 77.32 0.23 0.00 | 52.07 0.31 0.00 | 46.06 0.59 0.00 | 44.88 0.62 0.00 | 43.65 0.60 0.00 | 42.99 0.59 0.00 | 43.44 0.68 0.00 | 45.57 0.63 0.00 | 54.13 0.75 0.00 | 67.98 0.81 0.00 | 86.23 1.11 0.21 | 76.10 0.68 0.00 | 60.03 0.77 0.00 | 51.82 0.66 0.00 | 45.64 0.36 0.00 | 43.58 0.31 0.00 |
| SENECA OSWGO___HYD 24041 | 41.77 -0.85 0.00 | 40.56 -0.87 0.00 | 39.32 -0.80 0.00 | 38.79 -0.83 0.00 | 39.41 -0.80 0.00 | 42.80 -0.83 0.00 | 61.25 -1.19 0.00 | 87.31 -1.69 0.00 | 75.71 -1.39 0.00 | 50.72 -1.03 0.00 | 44.42 -1.04 0.00 | 43.16 -1.10 0.00 | 42.06 -0.99 0.00 | 41.42 -0.97 0.00 | 41.74 -1.03 0.00 | 43.91 -1.03 0.00 | 52.05 -1.33 0.00 | 65.76 -1.41 0.00 | 83.98 -1.62 -0.27 | 74.07 -1.36 0.00 | 58.08 -1.18 0.00 | 50.03 -1.13 0.00 | 44.32 -0.95 0.00 | 42.36 -0.91 0.00 |
| SENECA___115KV_TB3 355854 | 40.24 -2.39 0.00 | 38.99 -2.44 0.00 | 38.28 -1.84 0.00 | 37.88 -1.74 0.00 | 38.16 -2.05 0.00 | 41.80 -1.83 0.00 | 58.13 -4.31 0.00 | 82.31 -6.68 0.03 | 71.75 -5.32 0.03 | 48.18 -3.57 0.01 | 41.58 -3.86 0.03 | 40.52 -3.72 0.03 | 39.45 -3.57 0.03 | 38.89 -3.48 0.03 | 39.14 -3.59 0.03 | 40.96 -3.96 0.02 | 48.44 -4.86 0.09 | 61.37 -5.78 0.02 | 76.54 -7.59 1.20 | 68.91 -6.49 0.02 | 53.85 -5.16 0.25 | 45.02 -4.81 1.32 | 41.90 -3.35 0.02 | 40.68 -2.60 0.00 |
| SENECA___ENERGY 23797 | 41.99 -0.64 0.00 | 40.73 -0.70 0.00 | 39.56 -0.56 0.00 | 39.07 -0.55 0.00 | 39.65 -0.56 0.00 | 43.24 -0.39 0.00 | 61.62 -0.81 0.00 | 87.77 -1.25 -0.01 | 76.18 -0.92 -0.01 | 50.98 -0.77 0.00 | 44.38 -1.09 0.00 | 43.11 -1.15 0.00 | 41.98 -1.07 0.00 | 41.34 -1.06 0.00 | 41.70 -1.07 0.00 | 43.86 -1.08 0.00 | 52.03 -1.33 0.02 | 65.89 -1.28 0.00 | 83.02 -1.37 0.95 | 74.44 -0.98 0.00 | 58.17 -1.13 -0.04 | 50.24 -1.17 -0.26 | 44.37 -0.91 0.00 | 42.54 -0.74 0.00 |
| SHOEMAKER___GT 23640 | 44.76 2.13 0.00 | 43.34 1.91 0.00 | 41.84 1.72 0.00 | 41.33 1.70 0.00 | 41.90 1.69 0.00 | 45.33 1.70 0.00 | 64.43 2.00 0.00 | 92.66 3.65 0.00 | 80.18 3.09 0.00 | 54.09 2.33 0.00 | 48.06 2.59 0.00 | 46.83 2.57 0.00 | 45.59 2.54 0.00 | 44.98 2.59 0.00 | 45.46 2.70 0.00 | 47.60 2.65 0.00 | 56.27 2.88 0.00 | 70.33 3.16 0.30 | 89.55 4.52 0.00 | 79.19 3.77 0.00 | 62.22 2.96 0.00 | 53.71 2.56 0.00 | 47.41 2.13 0.00 | 45.17 1.90 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 44.71 2.09 0.00 | 43.30 1.86 0.00 | 41.81 1.69 0.00 | 41.33 1.70 0.00 | 41.94 1.73 0.00 | 45.33 1.70 0.00 | 64.31 1.87 0.00 | 92.48 3.47 0.00 | 80.10 3.01 0.00 | 54.14 2.38 0.00 | 48.11 2.64 0.00 | 46.79 2.52 0.00 | 45.68 2.63 0.00 | 44.98 2.59 0.00 | 45.46 2.69 0.00 | 47.64 2.70 0.00 | 56.27 2.88 0.00 | 70.33 3.16 0.00 | 89.46 4.44 0.31 | 79.12 3.70 0.00 | 62.10 2.84 0.00 | 53.71 2.56 0.00 | 47.77 2.49 0.00 | 45.31 2.03 0.00 |
| SHOREHAM_IC_1 23715 | 45.48 2.86 0.00 | 43.71 2.28 0.00 | 42.20 2.08 0.00 | 41.60 1.98 0.00 | 42.34 2.13 0.00 | 45.68 2.05 0.00 | 56.85 0.50 6.08 | 57.34 1.34 33.00 | 58.03 1.39 20.45 | 53.45 1.71 0.02 | 48.60 3.13 0.00 | 47.99 3.72 0.00 | 46.86 3.74 -0.06 | 46.34 3.86 -0.09 | 46.85 4.02 -0.07 | 48.91 3.91 -0.06 | 55.73 2.40 0.05 | 69.25 2.08 0.01 | 88.55 3.50 0.28 | 78.21 2.79 0.01 | 61.33 2.07 0.01 | 53.19 2.05 0.01 | 47.31 2.04 0.00 | 45.78 2.51 0.00 |
| SHOREHAM_IC_2 23716 | 45.48 2.86 0.00 | 43.71 2.28 0.00 | 42.21 2.09 0.00 | 41.68 2.06 0.00 | 42.34 2.13 0.00 | 45.68 2.05 0.00 | 56.79 0.44 6.08 | 57.43 1.42 33.00 | 58.03 1.39 20.45 | 53.50 1.76 0.02 | 48.69 3.23 0.00 | 47.85 3.59 0.00 | 46.90 3.79 -0.06 | 46.30 3.82 -0.09 | 46.76 3.93 -0.07 | 48.91 3.91 -0.06 | 55.57 2.24 0.05 | 69.32 2.15 0.01 | 88.55 3.50 0.28 | 78.13 2.72 0.01 | 61.27 2.01 0.01 | 53.24 2.10 0.01 | 48.90 3.62 0.00 | 46.26 2.99 0.00 |
| SISSONVILLE____ 23735 | 43.86 1.24 0.00 | 42.80 1.37 0.00 | 41.48 1.36 0.00 | 40.89 1.27 0.00 | 41.58 1.37 0.00 | 45.38 1.75 0.00 | 64.93 2.50 0.00 | 92.84 3.83 0.00 | 79.87 2.78 0.00 | 53.47 1.71 0.00 | 46.79 1.32 0.00 | 45.46 1.20 0.00 | 44.08 1.03 0.00 | 43.33 0.93 0.00 | 43.57 0.81 0.00 | 46.02 1.08 0.00 | 54.93 1.55 0.00 | 68.79 1.61 0.00 | 86.87 1.54 0.00 | 77.23 1.81 0.00 | 60.50 1.24 0.00 | 52.74 1.59 0.00 | 47.00 1.72 0.00 | 44.96 1.69 0.00 |
| SITHE_IND_GS1 24169 | 41.26 -1.37 0.00 | 40.07 -1.37 0.00 | 38.83 -1.29 0.00 | 38.32 -1.31 0.00 | 38.92 -1.29 0.00 | 42.23 -1.40 0.00 | 60.37 -2.06 0.00 | 86.16 -2.85 0.00 | 74.70 -2.39 0.00 | 50.05 -1.71 0.00 | 43.83 -1.63 0.00 | 42.67 -1.59 0.00 | 41.54 -1.51 0.00 | 40.87 -1.52 0.00 | 41.22 -1.54 0.00 | 43.37 -1.57 0.00 | 51.41 -1.97 0.00 | 64.96 -2.22 0.00 | 73.91 -2.81 8.61 | 73.01 -2.42 0.00 | 57.25 -2.02 0.00 | 49.31 -1.84 0.00 | 43.74 -1.54 0.00 | 41.80 -1.47 0.00 |
| SITHE_IND_GS2 24170 | 41.26 -1.37 0.00 | 40.07 -1.37 0.00 | 38.83 -1.29 0.00 | 38.32 -1.31 0.00 | 38.92 -1.29 0.00 | 42.23 -1.40 0.00 | 60.37 -2.06 0.00 | 86.16 -2.85 0.00 | 74.70 -2.39 0.00 | 50.05 -1.71 0.00 | 43.83 -1.63 0.00 | 42.67 -1.59 0.00 | 41.54 -1.51 0.00 | 40.87 -1.52 0.00 | 41.22 -1.54 0.00 | 43.37 -1.57 0.00 | 51.41 -1.97 0.00 | 64.96 -2.22 0.00 | 73.91 -2.81 8.61 | 73.01 -2.42 0.00 | 57.25 -2.02 0.00 | 49.31 -1.84 0.00 | 43.74 -1.54 0.00 | 41.80 -1.47 0.00 |
| SITHE_IND_GS3 24171 | 41.26 -1.37 0.00 | 40.07 -1.37 0.00 | 38.83 -1.29 0.00 | 38.32 -1.31 0.00 | 38.92 -1.29 0.00 | 42.23 -1.40 0.00 | 60.37 -2.06 0.00 | 86.16 -2.85 0.00 | 74.70 -2.39 0.00 | 50.05 -1.71 0.00 | 43.83 -1.63 0.00 | 42.67 -1.59 0.00 | 41.54 -1.51 0.00 | 40.87 -1.52 0.00 | 41.22 -1.54 0.00 | 43.37 -1.57 0.00 | 51.41 -1.97 0.00 | 64.96 -2.22 0.00 | 73.91 -2.81 8.61 | 73.01 -2.42 0.00 | 57.25 -2.02 0.00 | 49.31 -1.84 0.00 | 43.74 -1.54 0.00 | 41.80 -1.47 0.00 |
| SITHE_IND_GS4 24172 | 41.26 -1.37 0.00 | 40.07 -1.37 0.00 | 38.83 -1.29 0.00 | 38.32 -1.31 0.00 | 38.92 -1.29 0.00 | 42.23 -1.40 0.00 | 60.37 -2.06 0.00 | 86.16 -2.85 0.00 | 74.70 -2.39 0.00 | 50.05 -1.71 0.00 | 43.83 -1.63 0.00 | 42.67 -1.59 0.00 | 41.54 -1.51 0.00 | 40.87 -1.52 0.00 | 41.22 -1.54 0.00 | 43.37 -1.57 0.00 | 51.41 -1.97 0.00 | 64.96 -2.22 0.00 | 73.91 -2.81 8.61 | 73.01 -2.42 0.00 | 57.25 -2.02 0.00 | 49.31 -1.84 0.00 | 43.74 -1.54 0.00 | 41.80 -1.47 0.00 |

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| SITHE___BATAVIA 24024 | 41.30 -1.32 0.00 | 40.02 -1.41 0.00 | 39.12 -1.00 0.00 | 38.79 -0.83 0.00 | 39.13 -1.08 0.00 | 42.76 -0.87 0.00 | 59.44 -3.00 0.00 | 84.45 -4.54 0.02 | 73.68 -3.39 0.02 | 49.22 -2.54 0.01 | 41.99 -3.46 0.02 | 40.92 -3.32 0.02 | 40.06 -2.97 0.02 | 39.32 -3.05 0.02 | 39.62 -3.12 0.02 | 41.83 -3.10 0.02 | 48.66 -4.64 0.08 | 63.06 -4.10 0.02 | 78.84 -5.29 1.20 | 71.11 -4.30 0.02 | 54.75 -4.38 0.13 | 46.21 -4.30 0.64 | 43.13 -2.13 0.02 | 41.80 -1.47 0.00 |
| SITHE___INDEPEND 23800 | 41.26 -1.36 0.00 | 40.06 -1.37 0.00 | 38.84 -1.28 0.00 | 38.32 -1.31 0.00 | 38.89 -1.33 0.00 | 42.24 -1.40 0.00 | 60.37 -2.06 0.00 | 86.07 -2.94 0.00 | 74.55 -2.54 0.00 | 49.95 -1.81 0.00 | 43.83 -1.64 0.00 | 42.63 -1.64 0.00 | 41.46 -1.59 0.00 | 40.87 -1.53 0.00 | 41.22 -1.54 0.00 | 43.33 -1.62 0.00 | 51.41 -1.98 0.00 | 64.82 -2.35 0.00 | 73.74 -2.99 8.61 | 72.93 -2.49 0.00 | 57.19 -2.07 0.00 | 49.31 -1.84 0.00 | 43.65 -1.63 0.00 | 41.80 -1.47 0.00 |
| SITHE___MASSENA 23902 | 43.39 0.77 0.00 | 42.30 0.87 0.00 | 40.96 0.84 0.00 | 40.46 0.83 0.00 | 41.06 0.85 0.00 | 44.72 1.09 0.00 | 64.05 1.62 0.00 | 91.41 2.40 0.00 | 78.86 1.77 0.00 | 52.95 1.19 0.00 | 46.33 0.86 0.00 | 45.10 0.84 0.00 | 43.78 0.73 0.00 | 43.07 0.68 0.00 | 43.36 0.60 0.00 | 45.66 0.72 0.00 | 54.35 0.96 0.00 | 68.31 1.14 0.00 | 86.53 1.19 0.00 | 76.70 1.28 0.00 | 60.27 1.01 0.00 | 52.18 1.02 0.00 | 46.36 1.08 0.00 | 44.39 1.12 0.00 |
| SITHE___OGDNSBRG 24021 | 44.20 1.58 0.00 | 43.13 1.70 0.00 | 41.76 1.64 0.00 | 41.21 1.58 0.00 | 41.86 1.65 0.00 | 45.73 2.09 0.00 | 65.74 3.31 0.00 | 93.90 4.90 0.00 | 80.56 3.47 0.00 | 53.67 1.92 0.00 | 46.83 1.36 0.00 | 45.55 1.28 0.00 | 44.13 1.08 0.00 | 43.41 1.02 0.00 | 43.70 0.94 0.00 | 46.16 1.21 0.00 | 55.20 1.82 0.00 | 69.52 2.35 0.00 | 88.23 2.90 0.00 | 78.52 3.09 0.00 | 61.51 2.25 0.00 | 53.30 2.15 0.00 | 47.32 2.04 0.00 | 45.31 2.03 0.00 |
| SITHE___STERLING 23777 | 43.69 1.07 0.00 | 42.51 1.08 0.00 | 41.16 1.04 0.00 | 40.62 0.99 0.00 | 41.34 1.12 0.00 | 44.94 1.31 0.00 | 64.56 2.12 0.00 | 92.48 3.47 -0.01 | 79.79 2.70 -0.01 | 53.00 1.24 0.00 | 46.38 0.91 0.00 | 45.02 0.75 0.00 | 43.70 0.65 0.00 | 43.08 0.68 0.00 | 43.37 0.60 0.00 | 45.75 0.81 0.00 | 54.61 1.23 0.00 | 68.72 1.55 0.00 | 87.10 2.39 0.62 | 77.91 2.49 0.00 | 61.04 1.78 0.00 | 52.64 1.48 0.00 | 46.41 1.13 0.00 | 44.31 1.04 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 41.48 -1.15 0.00 | 40.23 -1.20 0.00 | 39.04 -1.08 0.00 | 38.51 -1.11 0.00 | 39.13 -1.09 0.00 | 42.67 -0.96 0.00 | 60.75 -1.69 0.00 | 86.42 -2.58 0.01 | 75.15 -1.93 0.01 | 50.15 -1.60 0.00 | 43.59 -1.86 0.01 | 42.44 -1.81 0.01 | 41.19 -1.85 0.01 | 40.65 -1.74 0.01 | 40.95 -1.80 0.01 | 43.09 -1.84 0.01 | 50.89 -2.46 0.04 | 64.68 -2.49 0.01 | 81.16 -3.07 1.10 | 73.15 -2.26 0.01 | 56.90 -2.37 -0.01 | 49.00 -2.25 -0.10 | 43.23 -2.04 0.01 | 41.89 -1.38 0.00 |
| SMITHTWN_69_KV_BK 1 55830 | 45.52 2.90 0.00 | 43.75 2.32 0.00 | 42.25 2.13 0.00 | 41.72 2.10 0.00 | 42.38 2.17 0.00 | 45.73 2.09 0.00 | 56.97 0.56 6.03 | 57.89 1.60 32.72 | 58.36 1.54 20.27 | 53.61 1.86 0.02 | 48.97 3.50 0.00 | 47.99 3.72 0.00 | 46.99 3.87 -0.07 | 46.43 3.94 -0.10 | 46.85 4.02 -0.07 | 48.96 3.96 -0.07 | 55.73 2.40 0.05 | 69.52 2.35 0.01 | 88.72 3.67 0.28 | 78.28 2.87 0.01 | 61.45 2.19 0.01 | 53.35 2.20 0.01 | 48.94 3.67 0.00 | 46.30 3.03 0.00 |
| SOUTH CAIRO___GT 23612 | 44.08 1.45 0.00 | 42.80 1.37 0.00 | 41.44 1.32 0.00 | 40.97 1.35 0.00 | 41.54 1.33 0.00 | 44.81 1.18 0.00 | 64.68 2.25 0.00 | 92.03 3.03 0.00 | 79.25 2.16 0.00 | 52.54 0.78 0.00 | 46.10 0.64 0.00 | 44.80 0.53 0.00 | 43.57 0.52 0.00 | 42.82 0.42 0.00 | 43.36 0.60 0.00 | 45.66 0.72 0.00 | 54.67 1.28 0.00 | 69.59 2.42 0.00 | 88.61 3.50 0.22 | 78.14 2.72 0.00 | 61.57 2.31 0.00 | 53.05 1.89 0.00 | 46.77 1.49 0.00 | 44.40 1.13 0.00 |
| SOUTH HAMPTN___IC 23720 | 45.53 2.90 0.00 | 43.71 2.28 0.00 | 42.24 2.12 0.00 | 41.60 1.98 0.00 | 42.38 2.17 0.00 | 45.68 2.05 0.00 | 56.78 0.44 6.09 | 57.27 1.34 33.08 | 58.05 1.46 20.50 | 53.50 1.76 0.02 | 48.74 3.28 0.00 | 48.03 3.76 0.00 | 46.90 3.79 -0.06 | 46.38 3.90 -0.08 | 46.89 4.06 -0.06 | 48.96 3.96 -0.06 | 55.79 2.46 0.05 | 69.31 2.15 0.01 | 88.63 3.58 0.28 | 78.28 2.87 0.01 | 61.38 2.13 0.01 | 53.19 2.05 0.01 | 47.26 1.99 0.00 | 45.82 2.55 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 40.71 -1.92 0.00 | 39.40 -2.03 0.00 | 38.80 -1.32 0.00 | 38.12 -1.51 0.00 | 38.69 -1.53 0.00 | 42.72 -0.92 0.00 | 60.12 -2.31 0.00 | 85.78 -3.20 0.03 | 74.13 -2.93 0.03 | 49.11 -2.64 0.01 | 43.26 -2.18 0.03 | 42.20 -2.04 0.03 | 41.09 -1.94 0.03 | 40.29 -2.08 0.03 | 40.51 -2.22 0.03 | 42.36 -2.56 0.02 | 50.36 -2.94 0.09 | 63.66 -3.49 0.02 | 80.04 -4.10 1.19 | 71.33 -4.07 0.02 | 55.93 -3.08 0.25 | 46.88 -3.02 1.25 | 42.99 -2.26 0.02 | 40.98 -2.29 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 45.35 2.73 0.00 | 43.55 2.11 0.00 | 42.05 1.93 0.00 | 41.53 1.90 0.00 | 42.22 2.01 0.00 | 45.55 1.92 0.00 | 56.28 -0.06 6.09 | 56.82 0.89 33.08 | 57.52 0.93 20.50 | 53.30 1.55 0.02 | 48.60 3.14 0.00 | 47.72 3.45 0.00 | 46.73 3.62 -0.06 | 46.08 3.60 -0.09 | 46.59 3.76 -0.06 | 48.78 3.78 -0.06 | 55.41 2.08 0.05 | 69.05 1.88 0.01 | 88.38 3.33 0.28 | 77.98 2.56 0.01 | 61.03 1.78 0.01 | 52.99 1.84 0.01 | 48.53 3.26 0.00 | 46.17 2.90 0.00 |
| SOUTHOLD___IC 23719 | 45.36 2.73 0.00 | 43.54 2.11 0.00 | 42.05 1.93 0.00 | 41.45 1.82 0.00 | 42.22 2.01 0.00 | 45.51 1.87 0.00 | 56.34 0.00 6.09 | 56.73 0.80 33.08 | 57.59 1.00 20.50 | 53.25 1.50 0.02 | 48.51 3.05 0.00 | 47.81 3.54 0.00 | 46.68 3.57 -0.06 | 46.17 3.69 -0.09 | 46.68 3.85 -0.06 | 48.78 3.78 -0.06 | 55.57 2.24 0.05 | 68.98 1.81 0.01 | 88.29 3.24 0.28 | 77.98 2.57 0.01 | 61.09 1.84 0.01 | 52.94 1.79 0.01 | 46.95 1.68 0.00 | 45.69 2.42 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 44.88 2.26 0.00 | 43.13 1.70 0.00 | 41.64 1.52 0.00 | 41.05 1.42 0.00 | 41.78 1.57 0.00 | 45.07 1.44 0.00 | 55.47 -0.87 6.09 | 55.49 -0.44 33.08 | 56.52 -0.08 20.50 | 52.57 0.83 0.02 | 47.96 2.50 0.00 | 47.28 3.01 0.00 | 46.17 3.06 -0.06 | 45.66 3.18 -0.08 | 46.16 3.34 -0.06 | 48.24 3.24 -0.06 | 54.93 1.60 0.05 | 68.11 0.94 0.01 | 87.19 2.13 0.28 | 77.00 1.59 0.01 | 60.32 1.07 0.01 | 52.27 1.12 0.01 | 46.36 1.08 0.00 | 45.26 1.99 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 43.95 1.32 0.00 | 42.67 1.24 0.00 | 41.28 1.16 0.00 | 40.81 1.19 0.00 | 41.38 1.17 0.00 | 44.72 1.09 0.00 | 64.24 1.81 0.00 | 91.06 2.05 0.00 | 78.86 1.77 0.00 | 52.59 0.83 0.00 | 46.15 0.68 0.00 | 44.80 0.53 0.00 | 43.57 0.52 0.00 | 42.82 0.42 0.00 | 43.32 0.56 0.00 | 45.66 0.72 0.00 | 54.45 1.07 0.00 | 69.12 1.95 0.00 | 87.77 2.65 0.21 | 77.01 1.58 0.00 | 60.92 1.66 0.00 | 52.53 1.38 0.00 | 46.59 1.31 0.00 | 44.31 1.04 0.00 |
| ST LAWRENCE____ 23600 | 42.75 0.13 0.00 | 41.64 0.21 0.00 | 40.32 0.20 0.00 | 39.82 0.20 0.00 | 40.42 0.20 0.00 | 43.98 0.35 0.00 | 62.99 0.56 0.00 | 89.81 0.80 0.00 | 77.56 0.47 0.00 | 52.17 0.41 0.00 | 45.70 0.23 0.00 | 44.49 0.22 0.00 | 43.22 0.17 0.00 | 42.52 0.13 0.00 | 42.85 0.09 0.00 | 45.08 0.14 0.00 | 53.60 0.21 0.00 | 67.38 0.20 0.00 | 85.42 0.09 0.00 | 75.57 0.15 0.00 | 59.44 0.18 0.00 | 51.41 0.26 0.00 | 45.64 0.36 0.00 | 43.70 0.43 0.00 |

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| STATE_CA_115KV_115_LB 55624 | 43.10 0.47 0.00 | 41.85 0.41 0.00 | 40.52 0.40 0.00 | 40.10 0.48 0.00 | 40.58 0.36 0.00 | 43.89 0.26 0.00 | 62.87 0.44 0.00 | 89.19 0.18 0.00 | 77.40 0.31 0.00 | 52.12 0.36 0.00 | 46.01 0.55 0.00 | 44.84 0.58 0.00 | 43.70 0.65 0.00 | 42.95 0.55 0.00 | 43.45 0.68 0.00 | 45.57 0.63 0.00 | 54.18 0.80 0.00 | 68.11 0.94 0.00 | 86.40 1.28 0.21 | 76.03 0.60 0.00 | 60.09 0.83 0.00 | 51.92 0.77 0.00 | 45.82 0.54 0.00 | 43.57 0.30 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 42.37 -0.26 0.00 | 41.10 -0.33 0.00 | 39.88 -0.24 0.00 | 39.31 -0.32 0.00 | 39.93 -0.28 0.00 | 43.50 -0.13 0.00 | 62.18 -0.25 0.00 | 89.40 0.36 -0.03 | 77.43 0.31 -0.03 | 51.61 -0.16 -0.01 | 45.18 -0.32 -0.03 | 43.85 -0.44 -0.03 | 42.65 -0.43 -0.03 | 42.05 -0.38 -0.03 | 42.41 -0.38 -0.03 | 44.38 -0.58 -0.02 | 52.77 -0.69 -0.08 | 66.59 -0.60 -0.02 | 83.94 -0.43 0.96 | 75.22 -0.23 -0.02 | 58.92 -0.41 -0.08 | 50.94 -0.46 -0.25 | 44.75 -0.54 -0.02 | 42.84 -0.43 0.00 |
| STATION_5_MISC_HYD 23604 | 41.43 -1.19 0.00 | 40.19 -1.24 0.00 | 39.12 -1.00 0.00 | 38.71 -0.91 0.00 | 39.17 -1.05 0.00 | 42.67 -0.96 0.00 | 60.37 -2.06 0.00 | 86.06 -2.94 0.01 | 75.00 -2.08 0.01 | 50.25 -1.50 0.00 | 43.23 -2.23 0.01 | 42.13 -2.12 0.01 | 41.19 -1.85 0.01 | 40.43 -1.95 0.02 | 40.78 -1.97 0.02 | 43.00 -1.93 0.01 | 50.18 -3.15 0.06 | 64.68 -2.48 0.01 | 80.98 -3.16 1.20 | 72.85 -2.56 0.01 | 56.24 -3.02 0.00 | 48.32 -2.91 -0.08 | 43.86 -1.40 0.01 | 42.02 -1.26 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 41.69 -0.94 0.00 | 40.44 -0.99 0.00 | 39.24 -0.88 0.00 | 38.71 -0.91 0.00 | 39.33 -0.88 0.00 | 42.89 -0.74 0.00 | 60.94 -1.50 0.00 | 86.86 -2.14 0.01 | 75.46 -1.62 0.01 | 50.36 -1.40 0.01 | 43.82 -1.64 0.02 | 42.61 -1.64 0.02 | 41.40 -1.64 0.02 | 40.81 -1.57 0.02 | 41.16 -1.58 0.02 | 43.27 -1.66 0.01 | 51.08 -2.24 0.06 | 64.94 -2.22 0.01 | 81.50 -2.73 1.10 | 73.45 -1.96 0.01 | 57.14 -2.13 -0.01 | 49.33 -1.99 -0.17 | 43.50 -1.77 0.01 | 42.06 -1.21 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 41.26 -1.36 0.00 | 40.02 -1.41 0.00 | 38.88 -1.24 0.00 | 38.32 -1.31 0.00 | 38.89 -1.33 0.00 | 42.41 -1.22 0.00 | 60.06 -2.37 0.00 | 85.43 -3.56 0.01 | 74.46 -2.62 0.01 | 49.68 -2.07 0.00 | 43.04 -2.41 0.01 | 41.95 -2.30 0.01 | 40.71 -2.32 0.01 | 40.22 -2.16 0.02 | 40.52 -2.22 0.02 | 42.59 -2.34 0.01 | 50.02 -3.31 0.05 | 63.80 -3.36 0.01 | 79.79 -4.35 1.19 | 72.24 -3.17 0.01 | 55.94 -3.32 0.00 | 48.16 -3.07 -0.08 | 42.64 -2.63 0.01 | 41.58 -1.69 0.00 |
| STA_56___34_KV_BUS2 355983 | 41.26 -1.36 0.00 | 40.02 -1.41 0.00 | 38.88 -1.24 0.00 | 38.32 -1.31 0.00 | 38.89 -1.33 0.00 | 42.41 -1.22 0.00 | 60.06 -2.37 0.00 | 85.43 -3.56 0.01 | 74.46 -2.62 0.01 | 49.68 -2.07 0.00 | 43.04 -2.41 0.01 | 41.95 -2.30 0.01 | 40.71 -2.32 0.01 | 40.22 -2.16 0.02 | 40.52 -2.22 0.02 | 42.59 -2.34 0.01 | 50.02 -3.31 0.05 | 63.80 -3.36 0.01 | 79.79 -4.35 1.19 | 72.24 -3.17 0.01 | 55.94 -3.32 0.00 | 48.16 -3.07 -0.08 | 42.64 -2.63 0.01 | 41.58 -1.69 0.00 |
| STA_67___115KV_BK2 355882 | 41.39 -1.24 0.00 | 40.15 -1.28 0.00 | 39.00 -1.12 0.00 | 38.44 -1.19 0.00 | 39.01 -1.21 0.00 | 42.59 -1.05 0.00 | 60.19 -2.25 0.00 | 85.61 -3.38 0.01 | 74.61 -2.47 0.01 | 49.74 -2.02 0.00 | 43.09 -2.36 0.01 | 41.99 -2.26 0.01 | 40.80 -2.24 0.01 | 40.26 -2.12 0.02 | 40.61 -2.14 0.02 | 42.64 -2.29 0.01 | 50.07 -3.26 0.06 | 63.87 -3.29 0.01 | 79.87 -4.27 1.20 | 72.32 -3.09 0.01 | 56.00 -3.26 0.00 | 48.21 -3.02 -0.08 | 42.73 -2.54 0.01 | 41.71 -1.56 0.00 |
| STA_7___115KV_9TRANS 80674 | 41.60 -1.02 0.00 | 40.35 -1.08 0.00 | 39.20 -0.92 0.00 | 38.63 -0.99 0.00 | 39.21 -1.01 0.00 | 42.80 -0.83 0.00 | 60.56 -1.87 0.00 | 86.24 -2.76 0.01 | 75.07 -2.00 0.01 | 50.05 -1.71 0.00 | 43.36 -2.09 0.01 | 42.26 -1.99 0.01 | 41.01 -2.02 0.01 | 40.51 -1.87 0.02 | 40.82 -1.92 0.02 | 42.86 -2.07 0.01 | 50.39 -2.94 0.06 | 64.41 -2.75 0.01 | 80.55 -3.58 1.20 | 72.85 -2.56 0.01 | 56.41 -2.84 0.00 | 48.57 -2.66 -0.08 | 43.00 -2.26 0.01 | 41.93 -1.34 0.00 |
| STA_82___115KV_TB1 80780 | 41.39 -1.24 0.00 | 40.15 -1.28 0.00 | 39.04 -1.08 0.00 | 38.48 -1.15 0.00 | 39.05 -1.17 0.00 | 42.59 -1.05 0.00 | 60.19 -2.25 0.00 | 85.70 -3.29 0.01 | 74.61 -2.47 0.01 | 49.74 -2.02 0.00 | 43.09 -2.36 0.01 | 41.99 -2.26 0.01 | 40.80 -2.24 0.01 | 40.26 -2.12 0.02 | 40.61 -2.14 0.02 | 42.64 -2.29 0.01 | 50.07 -3.26 0.06 | 63.87 -3.29 0.01 | 79.87 -4.27 1.19 | 72.32 -3.09 0.01 | 56.00 -3.26 0.00 | 48.22 -3.02 -0.09 | 42.73 -2.54 0.01 | 41.71 -1.56 0.00 |
| STEEL___WIND 323596 | 40.24 -2.39 0.00 | 38.99 -2.44 0.00 | 38.28 -1.84 0.00 | 37.88 -1.74 0.00 | 38.16 -2.05 0.00 | 41.80 -1.83 0.00 | 58.06 -4.37 0.00 | 82.21 -6.77 0.03 | 71.67 -5.40 0.03 | 48.13 -3.62 0.01 | 41.53 -3.91 0.03 | 40.48 -3.76 0.03 | 39.41 -3.62 0.03 | 38.85 -3.52 0.03 | 39.10 -3.63 0.03 | 40.92 -4.00 0.02 | 48.34 -4.96 0.09 | 61.30 -5.84 0.02 | 76.45 -7.68 1.20 | 68.84 -6.56 0.02 | 53.80 -5.22 0.25 | 44.97 -4.86 1.32 | 41.86 -3.40 0.02 | 40.63 -2.64 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 43.27 0.64 0.00 | 42.05 0.62 0.00 | 40.68 0.56 0.00 | 40.26 0.63 0.00 | 40.78 0.56 0.00 | 44.11 0.48 0.00 | 63.25 0.81 0.00 | 89.72 0.71 0.00 | 77.86 0.77 0.00 | 52.33 0.57 0.00 | 46.15 0.68 0.00 | 44.97 0.71 0.00 | 43.78 0.73 0.00 | 43.07 0.68 0.00 | 43.57 0.81 0.00 | 45.75 0.81 0.00 | 54.40 1.01 0.00 | 68.52 1.34 0.00 | 86.91 1.79 0.21 | 76.40 0.98 0.00 | 60.39 1.13 0.00 | 52.13 0.97 0.00 | 46.05 0.77 0.00 | 43.79 0.52 0.00 |
| STEUBEN_REC_LFGE 323667 | 40.92 -1.71 0.00 | 39.61 -1.82 0.00 | 38.84 -1.28 0.00 | 38.20 -1.43 0.00 | 38.85 -1.37 0.00 | 42.89 -0.74 0.00 | 60.19 -2.25 0.00 | 86.08 -2.85 0.08 | 74.31 -2.70 0.08 | 49.09 -2.64 0.03 | 42.70 -2.68 0.08 | 41.39 -2.79 0.08 | 40.34 -2.63 0.08 | 39.80 -2.50 0.09 | 40.10 -2.57 0.09 | 42.00 -2.88 0.07 | 49.67 -3.42 0.30 | 63.41 -3.69 0.07 | 79.76 -4.35 1.22 | 71.51 -3.85 0.07 | 56.27 -3.32 -0.33 | 50.41 -3.17 -2.43 | 42.44 -2.76 0.07 | 40.89 -2.38 0.00 |
| STILLWATER___SOLAR 323814 | 44.16 1.53 0.00 | 42.88 1.45 0.00 | 41.48 1.36 0.00 | 41.01 1.39 0.00 | 41.54 1.33 0.00 | 44.99 1.35 0.00 | 64.68 2.24 0.00 | 91.59 2.58 0.00 | 79.33 2.24 0.00 | 53.05 1.29 0.00 | 46.65 1.18 0.00 | 45.33 1.06 0.00 | 44.04 0.99 0.00 | 43.37 0.98 0.00 | 43.83 1.07 0.00 | 46.11 1.17 0.00 | 55.14 1.76 0.00 | 69.66 2.49 0.00 | 88.45 3.32 0.20 | 77.84 2.41 0.00 | 61.51 2.25 0.00 | 53.05 1.89 0.00 | 46.68 1.41 0.00 | 44.57 1.30 0.00 |
| STONY___BROOK 24151 | 45.53 2.90 0.00 | 43.75 2.32 0.00 | 42.24 2.12 0.00 | 41.64 2.02 0.00 | 42.34 2.13 0.00 | 45.68 2.05 0.00 | 56.95 0.56 6.05 | 57.51 1.34 32.83 | 58.21 1.46 20.34 | 53.55 1.81 0.02 | 48.88 3.41 0.00 | 48.03 3.76 0.00 | 46.91 3.79 -0.07 | 46.43 3.94 -0.09 | 46.90 4.06 -0.07 | 48.92 3.91 -0.06 | 55.79 2.46 0.05 | 69.31 2.15 0.01 | 88.47 3.42 0.28 | 78.13 2.71 0.01 | 61.33 2.07 0.01 | 53.24 2.10 0.01 | 47.36 2.08 0.00 | 45.78 2.51 0.00 |
| STURGEON_POOL_HYD 23609 | 44.76 2.13 0.00 | 43.38 1.95 0.00 | 41.89 1.77 0.00 | 41.37 1.74 0.00 | 41.98 1.77 0.00 | 45.25 1.61 0.00 | 64.37 1.94 0.00 | 92.48 3.47 0.00 | 80.02 2.93 0.00 | 54.04 2.28 0.00 | 47.92 2.46 0.00 | 46.65 2.39 0.00 | 45.50 2.45 0.00 | 44.77 2.37 0.00 | 45.24 2.48 0.00 | 47.46 2.52 0.00 | 56.11 2.72 0.00 | 70.26 3.09 0.00 | 89.42 4.35 0.27 | 79.04 3.62 0.00 | 62.05 2.79 0.00 | 53.66 2.51 0.00 | 47.68 2.40 0.00 | 45.18 1.90 0.00 |

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| ST_LAW_115_BK7_LBMP 345037 | 42.80 0.17 0.00 | 41.68 0.25 0.00 | 40.36 0.24 0.00 | 39.86 0.24 0.00 | 40.46 0.24 0.00 | 44.02 0.39 0.00 | 63.06 0.62 0.00 | 89.90 0.89 0.00 | 77.70 0.61 0.00 | 52.22 0.46 0.00 | 45.74 0.27 0.00 | 44.53 0.27 0.00 | 43.27 0.22 0.00 | 42.57 0.17 0.00 | 42.89 0.13 0.00 | 45.12 0.18 0.00 | 53.65 0.27 0.00 | 67.44 0.27 0.00 | 85.50 0.17 0.00 | 75.65 0.23 0.00 | 59.50 0.24 0.00 | 51.46 0.31 0.00 | 45.73 0.45 0.00 | 43.75 0.48 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 42.80 0.17 0.00 | 41.68 0.25 0.00 | 40.36 0.24 0.00 | 39.86 0.24 0.00 | 40.46 0.24 0.00 | 44.02 0.39 0.00 | 63.06 0.62 0.00 | 89.90 0.89 0.00 | 77.70 0.61 0.00 | 52.22 0.46 0.00 | 45.74 0.27 0.00 | 44.53 0.27 0.00 | 43.27 0.22 0.00 | 42.57 0.17 0.00 | 42.89 0.13 0.00 | 45.12 0.18 0.00 | 53.65 0.27 0.00 | 67.44 0.27 0.00 | 85.50 0.17 0.00 | 75.65 0.23 0.00 | 59.50 0.24 0.00 | 51.46 0.31 0.00 | 45.73 0.45 0.00 | 43.75 0.48 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 42.75 0.13 0.00 | 41.64 0.21 0.00 | 40.32 0.20 0.00 | 39.82 0.20 0.00 | 40.42 0.20 0.00 | 43.98 0.35 0.00 | 62.99 0.56 0.00 | 89.81 0.80 0.00 | 77.56 0.47 0.00 | 52.17 0.41 0.00 | 45.70 0.23 0.00 | 44.49 0.22 0.00 | 43.22 0.17 0.00 | 42.52 0.13 0.00 | 42.85 0.09 0.00 | 45.08 0.14 0.00 | 53.60 0.21 0.00 | 67.38 0.20 0.00 | 85.42 0.09 0.00 | 75.57 0.15 0.00 | 59.44 0.18 0.00 | 51.41 0.26 0.00 | 45.64 0.36 0.00 | 43.70 0.43 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 42.75 0.13 0.00 | 41.64 0.21 0.00 | 40.32 0.20 0.00 | 39.82 0.20 0.00 | 40.42 0.20 0.00 | 43.98 0.35 0.00 | 62.99 0.56 0.00 | 89.81 0.80 0.00 | 77.56 0.47 0.00 | 52.17 0.41 0.00 | 45.70 0.23 0.00 | 44.49 0.22 0.00 | 43.22 0.17 0.00 | 42.52 0.13 0.00 | 42.85 0.09 0.00 | 45.08 0.14 0.00 | 53.60 0.21 0.00 | 67.38 0.20 0.00 | 85.42 0.09 0.00 | 75.57 0.15 0.00 | 59.44 0.18 0.00 | 51.41 0.26 0.00 | 45.64 0.36 0.00 | 43.70 0.43 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 44.89 2.26 0.00 | 43.46 2.03 0.00 | 41.93 1.81 0.00 | 41.45 1.82 0.00 | 42.06 1.85 0.00 | 45.47 1.83 0.00 | 64.43 2.00 0.00 | 92.75 3.74 0.00 | 80.33 3.24 0.00 | 54.45 2.69 0.00 | 48.42 2.96 0.00 | 47.10 2.83 0.00 | 45.98 2.93 0.00 | 45.28 2.88 0.00 | 45.76 2.99 0.00 | 47.96 3.01 0.00 | 56.53 3.15 0.00 | 70.60 3.43 0.00 | 89.90 4.86 0.30 | 79.42 4.00 0.00 | 62.28 3.02 0.00 | 53.97 2.81 0.00 | 47.99 2.72 0.00 | 45.48 2.21 0.00 |
| SWANROAD_115KV_TB1 355699 | 40.07 -2.56 0.00 | 38.20 -3.23 0.00 | 37.99 -2.13 0.00 | 37.21 -2.42 0.00 | 37.72 -2.49 0.00 | 41.45 -2.18 0.00 | 56.19 -6.24 0.00 | 79.55 -9.43 0.02 | 69.51 -7.55 0.02 | 46.11 -5.64 0.01 | 39.99 -5.46 0.02 | 39.02 -5.22 0.02 | 37.95 -5.08 0.02 | 37.54 -4.83 0.03 | 37.78 -4.96 0.03 | 39.58 -5.35 0.02 | 45.92 -7.37 0.09 | 58.69 -8.46 0.02 | 73.13 -11.01 1.20 | 66.43 -8.98 0.02 | 51.17 -7.88 0.21 | 42.92 -7.16 1.07 | 39.55 -5.70 0.02 | 39.81 -3.46 0.00 |
| SYNERGY___BIOGAS 323694 | 41.35 -1.28 0.00 | 39.77 -1.66 0.00 | 39.08 -1.04 0.00 | 38.44 -1.19 0.00 | 39.01 -1.21 0.00 | 42.76 -0.87 0.00 | 59.31 -3.12 0.00 | 84.27 -4.72 0.02 | 73.45 -3.62 0.02 | 48.60 -3.16 0.01 | 41.95 -3.50 0.02 | 40.92 -3.32 0.02 | 39.72 -3.31 0.02 | 39.28 -3.09 0.02 | 39.58 -3.16 0.02 | 41.51 -3.42 0.02 | 48.61 -4.70 0.08 | 62.32 -4.84 0.02 | 77.91 -6.23 1.20 | 70.73 -4.68 0.02 | 54.57 -4.56 0.13 | 46.22 -4.30 0.64 | 41.82 -3.44 0.02 | 41.37 -1.90 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 42.24 -0.38 0.00 | 40.98 -0.46 0.00 | 39.72 -0.40 0.00 | 39.19 -0.44 0.00 | 39.81 -0.40 0.00 | 43.24 -0.39 0.00 | 61.87 -0.56 0.00 | 88.30 -0.71 0.00 | 76.55 -0.54 0.00 | 51.24 -0.52 0.00 | 44.92 -0.55 0.00 | 43.64 -0.62 0.00 | 42.45 -0.60 0.00 | 41.84 -0.55 0.00 | 42.21 -0.56 0.00 | 44.36 -0.58 0.00 | 52.69 -0.69 0.00 | 66.43 -0.74 0.00 | 83.78 -0.77 0.78 | 74.90 -0.53 0.00 | 58.67 -0.59 0.00 | 50.54 -0.61 0.00 | 44.64 -0.63 0.00 | 42.75 -0.52 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 42.24 -0.38 0.00 | 40.98 -0.46 0.00 | 39.72 -0.40 0.00 | 39.19 -0.44 0.00 | 39.81 -0.40 0.00 | 43.24 -0.39 0.00 | 61.87 -0.56 0.00 | 88.30 -0.71 0.00 | 76.55 -0.54 0.00 | 51.24 -0.52 0.00 | 44.92 -0.55 0.00 | 43.64 -0.62 0.00 | 42.45 -0.60 0.00 | 41.84 -0.55 0.00 | 42.21 -0.56 0.00 | 44.36 -0.58 0.00 | 52.69 -0.69 0.00 | 66.43 -0.74 0.00 | 83.78 -0.77 0.78 | 74.90 -0.53 0.00 | 58.67 -0.59 0.00 | 50.54 -0.61 0.00 | 44.64 -0.63 0.00 | 42.75 -0.52 0.00 |
| SYRACUSE___POWER 24017 | 42.20 -0.43 0.00 | 40.93 -0.50 0.00 | 39.68 -0.44 0.00 | 39.15 -0.48 0.00 | 39.77 -0.44 0.00 | 43.20 -0.44 0.00 | 61.81 -0.62 0.00 | 88.30 -0.71 -0.01 | 76.56 -0.54 -0.01 | 51.24 -0.52 0.00 | 44.93 -0.55 0.00 | 43.65 -0.62 0.00 | 42.50 -0.56 0.00 | 41.89 -0.51 -0.01 | 42.21 -0.56 -0.01 | 44.36 -0.58 0.00 | 52.65 -0.75 -0.02 | 66.37 -0.81 0.00 | 83.25 -0.77 1.32 | 74.82 -0.60 0.00 | 58.68 -0.59 -0.01 | 50.56 -0.61 -0.02 | 44.65 -0.63 0.00 | 42.71 -0.56 0.00 |
| TALLMAN__138KV_BK151 55660 | 45.06 2.43 0.00 | 43.59 2.15 0.00 | 42.05 1.93 0.00 | 41.57 1.94 0.00 | 42.18 1.97 0.00 | 45.60 1.96 0.00 | 64.62 2.19 0.00 | 93.01 4.01 0.00 | 80.64 3.55 0.00 | 54.76 3.00 0.00 | 48.74 3.27 0.00 | 47.45 3.19 0.00 | 46.32 3.27 0.00 | 45.62 3.22 0.00 | 46.10 3.34 0.00 | 48.27 3.33 0.00 | 56.86 3.47 0.00 | 70.94 3.76 0.00 | 90.34 5.29 0.29 | 79.80 4.37 0.00 | 62.52 3.26 0.00 | 54.17 3.02 0.00 | 48.22 2.94 0.00 | 45.65 2.38 0.00 |
| TEALLAVE_115KV_TB7 355573 | 42.03 -0.60 0.00 | 40.77 -0.66 0.00 | 39.52 -0.60 0.00 | 38.99 -0.63 0.00 | 39.61 -0.60 0.00 | 43.02 -0.61 0.00 | 61.50 -0.94 0.00 | 87.94 -1.07 0.00 | 76.24 -0.85 0.00 | 51.03 -0.72 0.00 | 44.74 -0.73 0.00 | 43.51 -0.75 0.00 | 42.32 -0.73 0.00 | 41.72 -0.68 0.00 | 42.04 -0.73 0.00 | 44.18 -0.76 0.00 | 52.42 -0.96 0.00 | 66.10 -1.07 0.00 | 82.65 -1.28 1.40 | 74.44 -0.98 0.00 | 58.31 -0.95 0.00 | 50.23 -0.92 0.00 | 44.42 -0.86 0.00 | 42.54 -0.74 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 40.71 -1.92 0.00 | 39.11 -2.32 0.00 | 38.56 -1.56 0.00 | 37.88 -1.74 0.00 | 38.40 -1.81 0.00 | 42.15 -1.48 0.00 | 58.00 -4.43 0.00 | 82.22 -6.76 0.02 | 71.75 -5.32 0.02 | 47.56 -4.19 0.01 | 41.17 -4.27 0.02 | 40.22 -4.03 0.02 | 39.03 -4.00 0.02 | 38.60 -3.77 0.02 | 38.85 -3.89 0.02 | 40.75 -4.18 0.02 | 47.54 -5.77 0.08 | 60.84 -6.31 0.02 | 75.94 -8.19 1.20 | 68.92 -6.49 0.02 | 53.18 -5.93 0.16 | 44.81 -5.52 0.81 | 40.87 -4.39 0.02 | 40.63 -2.64 0.00 |
| TEMPLE___115KV_TB 2 55572 | 42.03 -0.60 0.00 | 40.81 -0.62 0.00 | 39.52 -0.60 0.00 | 38.99 -0.63 0.00 | 39.61 -0.60 0.00 | 43.07 -0.57 0.00 | 61.56 -0.87 0.00 | 87.94 -1.07 0.00 | 76.24 -0.85 0.00 | 51.03 -0.72 0.00 | 44.79 -0.68 0.00 | 43.51 -0.75 0.00 | 42.36 -0.69 0.00 | 41.76 -0.64 0.00 | 42.08 -0.68 0.00 | 44.18 -0.76 0.00 | 52.42 -0.96 0.00 | 66.10 -1.07 0.00 | 82.70 -1.19 1.44 | 74.52 -0.91 0.00 | 58.31 -0.95 0.00 | 50.28 -0.87 0.00 | 44.42 -0.86 0.00 | 42.54 -0.74 0.00 |
| TIANA____69_KV_BK 1 55817 | 45.52 2.90 0.00 | 43.75 2.32 0.00 | 42.25 2.13 0.00 | 41.76 2.14 0.00 | 42.42 2.21 0.00 | 45.77 2.14 0.00 | 56.84 0.50 6.09 | 57.53 1.60 33.08 | 58.14 1.54 20.50 | 53.66 1.92 0.02 | 48.87 3.41 0.00 | 47.99 3.72 0.00 | 46.99 3.87 -0.06 | 46.38 3.90 -0.09 | 46.89 4.06 -0.06 | 49.05 4.04 -0.06 | 55.73 2.40 0.05 | 69.52 2.35 0.01 | 88.80 3.75 0.28 | 78.36 2.94 0.01 | 61.45 2.19 0.01 | 53.35 2.20 0.01 | 48.94 3.67 0.00 | 46.34 3.07 0.00 |

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| TILDEN___115KV_TB1 80814 | 42.20 -0.43 0.00 | 40.93 -0.50 0.00 | 39.68 -0.44 0.00 | 39.15 -0.48 0.00 | 39.77 -0.44 0.00 | 43.20 -0.44 0.00 | 61.81 -0.62 0.00 | 88.30 -0.71 -0.01 | 76.56 -0.54 -0.01 | 51.24 -0.52 0.00 | 44.93 -0.55 0.00 | 43.65 -0.62 0.00 | 42.50 -0.56 0.00 | 41.89 -0.51 -0.01 | 42.21 -0.56 -0.01 | 44.36 -0.58 0.00 | 52.65 -0.75 -0.02 | 66.37 -0.81 0.00 | 83.25 -0.77 1.32 | 74.82 -0.60 0.00 | 58.68 -0.59 -0.01 | 50.56 -0.61 -0.02 | 44.65 -0.63 0.00 | 42.71 -0.56 0.00 |
| TRIGEN___CC 323695 | 45.31 2.69 0.00 | 43.63 2.20 0.00 | 42.09 1.97 0.00 | 41.57 1.94 0.00 | 42.22 2.01 0.00 | 45.60 1.96 0.00 | 62.32 1.31 1.42 | 84.15 2.85 7.71 | 74.93 2.62 4.78 | 54.18 2.43 0.01 | 49.26 3.77 -0.02 | 48.12 3.76 -0.09 | 47.46 3.83 -0.58 | 47.04 3.86 -0.78 | 47.34 3.98 -0.60 | 49.45 3.96 -0.55 | 56.41 3.04 0.02 | 70.26 3.09 0.01 | 89.49 4.44 0.28 | 78.96 3.54 0.01 | 62.04 2.79 0.01 | 53.76 2.61 0.01 | 48.69 3.40 -0.02 | 46.04 2.77 0.00 |
| TRINITY___115KV___4 BK 55933 | 42.84 0.21 0.00 | 41.60 0.17 0.00 | 40.28 0.16 0.00 | 39.86 0.24 0.00 | 40.37 0.16 0.00 | 43.63 0.00 0.00 | 62.43 0.00 0.00 | 88.56 -0.45 0.00 | 76.86 -0.23 0.00 | 51.81 0.05 0.00 | 45.79 0.32 0.00 | 44.66 0.40 0.00 | 43.48 0.43 0.00 | 42.78 0.38 0.00 | 43.23 0.47 0.00 | 45.35 0.40 0.00 | 53.86 0.48 0.00 | 67.71 0.54 0.00 | 85.89 0.77 0.21 | 75.57 0.15 0.00 | 59.73 0.47 0.00 | 51.61 0.46 0.00 | 45.55 0.27 0.00 | 43.36 0.09 0.00 |
| UNION___PROCESSING_DRP 323587 | 41.39 -1.24 0.00 | 40.15 -1.28 0.00 | 39.04 -1.08 0.00 | 38.48 -1.15 0.00 | 39.05 -1.17 0.00 | 42.59 -1.05 0.00 | 60.25 -2.19 0.00 | 85.70 -3.29 0.01 | 74.61 -2.47 0.01 | 49.74 -2.02 0.00 | 43.09 -2.36 0.01 | 41.99 -2.26 0.01 | 40.80 -2.24 0.01 | 40.30 -2.08 0.02 | 40.61 -2.14 0.02 | 42.64 -2.29 0.01 | 50.07 -3.26 0.06 | 63.94 -3.22 0.01 | 79.96 -4.18 1.19 | 72.32 -3.09 0.01 | 56.00 -3.26 0.00 | 48.21 -3.02 -0.07 | 42.73 -2.54 0.01 | 41.71 -1.56 0.00 |
| UPPER HUDSON___HYD 24058 | 43.95 1.32 0.00 | 42.67 1.24 0.00 | 41.28 1.16 0.00 | 40.81 1.19 0.00 | 41.38 1.17 0.00 | 44.72 1.09 0.00 | 64.30 1.87 0.00 | 91.06 2.05 0.00 | 78.86 1.77 0.00 | 52.58 0.83 0.00 | 46.19 0.73 0.00 | 44.84 0.57 0.00 | 43.57 0.52 0.00 | 42.86 0.47 0.00 | 43.32 0.55 0.00 | 45.66 0.72 0.00 | 54.56 1.17 0.00 | 69.12 1.95 0.00 | 87.78 2.65 0.20 | 77.08 1.66 0.00 | 60.98 1.72 0.00 | 52.53 1.38 0.00 | 46.41 1.13 0.00 | 44.27 1.00 0.00 |
| UPPER RAQUET___HYD 24056 | 43.86 1.24 0.00 | 42.80 1.37 0.00 | 41.48 1.36 0.00 | 40.89 1.27 0.00 | 41.58 1.37 0.00 | 45.38 1.75 0.00 | 64.74 2.31 0.00 | 92.57 3.56 0.00 | 79.56 2.47 0.00 | 53.37 1.61 0.00 | 46.70 1.23 0.00 | 45.37 1.11 0.00 | 43.96 0.91 0.00 | 43.24 0.85 0.00 | 43.49 0.73 0.00 | 45.93 0.99 0.00 | 54.83 1.44 0.00 | 68.52 1.34 0.00 | 86.53 1.19 0.00 | 76.93 1.51 0.00 | 60.38 1.12 0.00 | 52.74 1.59 0.00 | 47.04 1.76 0.00 | 45.00 1.73 0.00 |
| VALLEY44_115KV_TB2 355964 | 39.98 -2.64 0.00 | 38.61 -2.82 0.00 | 37.91 -2.21 0.00 | 37.25 -2.38 0.00 | 37.76 -2.45 0.00 | 41.58 -2.05 0.00 | 58.19 -4.25 0.00 | 83.20 -5.79 0.03 | 71.59 -5.47 0.03 | 47.40 -4.35 0.01 | 42.39 -3.05 0.03 | 41.27 -2.97 0.03 | 40.31 -2.71 0.03 | 39.40 -2.97 0.03 | 39.87 -2.87 0.03 | 41.37 -3.55 0.02 | 50.20 -3.10 0.09 | 62.85 -4.30 0.02 | 78.94 -5.21 1.19 | 69.82 -5.58 0.02 | 55.99 -3.02 0.24 | 47.04 -2.86 1.25 | 43.03 -2.22 0.02 | 40.07 -3.20 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 43.65 1.02 0.00 | 42.47 1.04 0.00 | 41.16 1.04 0.00 | 40.62 0.99 0.00 | 41.30 1.09 0.00 | 44.81 1.18 0.00 | 64.12 1.69 0.00 | 91.50 2.49 0.00 | 79.17 2.08 0.00 | 53.05 1.29 0.00 | 46.65 1.18 0.00 | 45.37 1.11 0.00 | 44.08 1.03 0.00 | 43.46 1.06 0.00 | 43.79 1.03 0.00 | 46.11 1.17 0.00 | 54.88 1.49 0.00 | 68.85 1.68 0.00 | 87.55 2.22 0.00 | 77.31 1.89 0.00 | 60.68 1.42 0.00 | 52.28 1.13 0.00 | 46.18 0.91 0.00 | 44.05 0.78 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 44.29 1.66 0.00 | 43.13 1.70 0.00 | 41.72 1.60 0.00 | 41.13 1.51 0.00 | 41.82 1.61 0.00 | 45.29 1.66 0.00 | 64.74 2.31 0.00 | 92.93 3.92 -0.01 | 80.33 3.24 -0.01 | 53.62 1.86 0.00 | 47.25 1.77 -0.01 | 45.87 1.59 -0.01 | 44.57 1.51 -0.01 | 43.93 1.53 -0.01 | 44.18 1.41 -0.01 | 46.61 1.66 0.00 | 55.54 2.14 -0.02 | 69.60 2.42 0.00 | 88.19 3.50 0.64 | 78.67 3.24 0.00 | 61.75 2.49 0.00 | 53.37 2.20 -0.02 | 47.18 1.90 0.00 | 44.87 1.60 0.00 |
| VISCHER___FERRY HYD 24020 | 43.73 1.11 0.00 | 42.47 1.04 0.00 | 41.08 0.96 0.00 | 40.65 1.03 0.00 | 41.14 0.93 0.00 | 44.55 0.92 0.00 | 64.05 1.62 0.00 | 90.52 1.51 0.00 | 78.48 1.39 0.00 | 52.79 1.03 0.00 | 46.56 1.09 0.00 | 45.41 1.15 0.00 | 44.13 1.08 0.00 | 43.41 1.02 0.00 | 43.87 1.11 0.00 | 46.07 1.12 0.00 | 55.04 1.66 0.00 | 69.26 2.08 0.00 | 87.86 2.73 0.20 | 77.31 1.89 0.00 | 61.10 1.84 0.00 | 52.74 1.59 0.00 | 46.32 1.04 0.00 | 44.18 0.91 0.00 |
| V_A_10_SYNC_DSASP 323832 | 40.24 -2.39 0.00 | 39.03 -2.40 0.00 | 38.07 -2.05 0.00 | 37.37 -2.26 0.00 | 37.92 -2.29 0.00 | 41.58 -2.05 0.00 | 57.63 -4.81 0.00 | 81.60 -7.39 0.02 | 47.46 -5.78 0.02 | 40.99 -4.30 0.01 | 40.99 -4.46 0.02 | 39.95 -4.29 0.02 | 38.81 -4.22 0.02 | 38.47 -3.90 0.02 | 38.68 -4.06 0.02 | 40.61 -4.31 0.02 | 46.90 -6.41 0.08 | 60.04 -7.12 0.02 | 75.00 -9.13 1.20 | 68.32 -7.09 0.02 | 52.17 -6.87 0.22 | 43.90 -6.14 1.11 | 40.32 -4.94 0.02 | 40.16 -3.12 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 42.97 0.34 0.00 | 41.85 0.41 0.00 | 40.56 0.44 0.00 | 40.06 0.44 0.00 | 40.66 0.44 0.00 | 44.24 0.61 0.00 | 63.56 1.12 0.00 | 90.61 1.60 0.00 | 78.32 1.23 0.00 | 52.59 0.83 0.00 | 46.01 0.55 0.00 | 44.80 0.53 0.00 | 43.52 0.47 0.00 | 42.82 0.42 0.00 | 43.10 0.34 0.00 | 45.39 0.45 0.00 | 53.97 0.59 0.00 | 67.98 0.81 0.00 | 86.10 0.77 0.00 | 76.25 0.83 0.00 | 59.91 0.65 0.00 | 51.72 0.56 0.00 | 45.87 0.59 0.00 | 43.96 0.69 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 43.10 0.47 0.00 | 42.05 0.62 0.00 | 40.76 0.64 0.00 | 40.30 0.67 0.00 | 40.90 0.68 0.00 | 44.59 0.96 0.00 | 63.06 0.62 0.00 | 89.46 0.45 0.00 | 77.40 0.31 0.00 | 52.28 0.52 0.00 | 46.02 0.55 0.00 | 44.80 0.53 0.00 | 43.44 0.39 0.00 | 42.73 0.34 0.00 | 43.02 0.26 0.00 | 45.39 0.45 0.00 | 53.60 0.21 0.00 | 67.04 -0.13 0.00 | 84.91 -0.42 0.00 | 75.20 -0.23 0.00 | 59.38 0.12 0.00 | 51.77 0.62 0.00 | 46.23 0.95 0.00 | 44.61 1.34 0.00 |
| V_D_10_SYNC_DSASP 323841 | 43.39 0.77 0.00 | 42.26 0.83 0.00 | 40.96 0.84 0.00 | 40.46 0.83 0.00 | 41.06 0.85 0.00 | 44.68 1.05 0.00 | 64.05 1.62 0.00 | 91.32 2.31 0.00 | 78.86 1.77 0.00 | 52.95 1.19 0.00 | 46.33 0.86 0.00 | 45.10 0.84 0.00 | 43.78 0.73 0.00 | 43.07 0.68 0.00 | 43.36 0.60 0.00 | 45.66 0.72 0.00 | 54.35 0.96 0.00 | 68.31 1.14 0.00 | 86.53 1.19 0.00 | 76.70 1.28 0.00 | 60.27 1.01 0.00 | 52.18 1.02 0.00 | 46.36 1.08 0.00 | 44.39 1.12 0.00 |
| V_E_10_SYNC_DSASP 323830 | 44.97 2.34 0.00 | 43.88 2.44 0.00 | 42.49 2.37 0.00 | 41.88 2.26 0.00 | 42.71 2.49 0.00 | 46.51 2.88 0.00 | 67.12 4.68 0.00 | 97.07 8.01 -0.05 | 83.31 6.17 -0.05 | 54.46 2.69 -0.02 | 47.42 1.91 -0.05 | 45.77 1.46 -0.05 | 44.26 1.16 -0.05 | 43.80 1.36 -0.05 | 43.93 1.11 -0.05 | 46.59 1.62 -0.03 | 56.34 2.83 -0.13 | 70.83 3.62 -0.03 | 89.99 5.63 0.98 | 81.11 5.66 -0.03 | 63.36 4.03 -0.07 | 54.42 3.12 -0.15 | 47.57 2.26 -0.03 | 45.39 2.12 0.00 |

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| V_F_30_NSYNC___DSASP 323816 | 44.20 1.58 0.00 | 42.92 1.49 0.00 | 41.52 1.40 0.00 | 41.09 1.47 0.00 | 41.62 1.41 0.00 | 45.07 1.44 0.00 | 64.74 2.31 0.00 | 91.68 2.67 0.00 | 79.48 2.39 0.00 | 53.16 1.40 0.00 | 46.70 1.23 0.00 | 45.41 1.15 0.00 | 44.13 1.08 0.00 | 43.46 1.06 0.00 | 43.92 1.16 0.00 | 46.20 1.26 0.00 | 55.20 1.82 0.00 | 69.73 2.55 0.00 | 88.54 3.42 0.20 | 77.91 2.49 0.00 | 61.57 2.31 0.00 | 53.10 1.94 0.00 | 46.73 1.45 0.00 | 44.61 1.34 0.00 |
| V_F_30_SYNC_DSASP 323786 | 43.05 0.43 0.00 | 41.85 0.41 0.00 | 40.52 0.40 0.00 | 40.10 0.48 0.00 | 40.58 0.36 0.00 | 43.89 0.26 0.00 | 62.81 0.37 0.00 | 89.19 0.18 0.00 | 77.40 0.31 0.00 | 52.12 0.36 0.00 | 46.01 0.55 0.00 | 44.84 0.58 0.00 | 43.70 0.65 0.00 | 42.95 0.55 0.00 | 43.45 0.68 0.00 | 45.57 0.63 0.00 | 54.18 0.80 0.00 | 68.11 0.94 0.00 | 86.40 1.28 0.21 | 76.03 0.60 0.00 | 60.09 0.83 0.00 | 51.87 0.72 0.00 | 45.82 0.54 0.00 | 43.57 0.30 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 43.10 0.47 0.00 | 42.05 0.62 0.00 | 40.76 0.64 0.00 | 40.30 0.67 0.00 | 40.90 0.68 0.00 | 44.59 0.96 0.00 | 63.06 0.62 0.00 | 89.46 0.45 0.00 | 77.40 0.31 0.00 | 52.28 0.52 0.00 | 46.02 0.55 0.00 | 44.80 0.53 0.00 | 43.44 0.39 0.00 | 42.73 0.34 0.00 | 43.02 0.26 0.00 | 45.39 0.45 0.00 | 53.60 0.21 0.00 | 67.04 -0.13 0.00 | 84.91 -0.42 0.00 | 75.20 -0.23 0.00 | 59.38 0.12 0.00 | 51.77 0.62 0.00 | 46.23 0.95 0.00 | 44.61 1.34 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 45.91 3.28 0.00 | 44.17 2.73 0.00 | 42.61 2.49 0.00 | 42.08 2.46 0.00 | 42.75 2.53 0.00 | 46.16 2.53 0.00 | 58.36 1.06 5.13 | 63.65 2.49 27.85 | 62.15 2.31 17.26 | 54.23 2.48 0.01 | 49.56 4.09 0.00 | 48.45 4.16 -0.02 | 47.24 4.00 -0.18 | 46.68 4.03 -0.25 | 47.10 4.15 -0.19 | 49.26 4.13 -0.18 | 56.54 3.20 0.05 | 70.52 3.36 0.01 | 90.08 5.03 0.28 | 79.56 4.15 0.01 | 62.33 3.08 0.01 | 54.06 2.92 0.01 | 49.40 4.12 0.00 | 46.73 3.46 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 45.23 2.60 0.00 | 43.75 2.32 0.00 | 42.21 2.09 0.00 | 41.72 2.10 0.00 | 42.30 2.09 0.00 | 45.77 2.14 0.00 | 64.87 2.43 0.00 | 93.46 4.45 0.00 | 80.94 3.85 0.00 | 54.92 3.16 0.00 | 48.88 3.41 0.00 | 47.58 3.32 0.00 | 46.45 3.40 0.00 | 45.75 3.35 0.00 | 46.23 3.46 0.00 | 48.40 3.46 0.00 | 57.07 3.68 0.00 | 71.20 4.03 0.00 | 90.68 5.63 0.29 | 80.10 4.68 0.00 | 62.82 3.56 0.00 | 54.38 3.22 0.00 | 48.40 3.12 0.00 | 45.82 2.55 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 45.48 2.86 0.00 | 43.96 2.53 0.00 | 42.41 2.29 0.00 | 41.88 2.26 0.00 | 42.51 2.29 0.00 | 45.99 2.36 0.00 | 64.99 2.56 0.00 | 93.73 4.72 0.00 | 81.33 4.24 0.00 | 55.33 3.57 0.00 | 49.33 3.86 0.00 | 48.03 3.76 0.00 | 46.93 3.87 0.00 | 46.25 3.86 0.00 | 46.74 3.98 0.00 | 48.94 4.00 0.00 | 57.66 4.27 -0.01 | 71.61 4.43 0.00 | 91.12 6.06 0.28 | 80.40 4.98 0.00 | 63.11 3.85 0.00 | 54.73 3.58 0.00 | 48.67 3.40 0.00 | 46.13 2.86 0.00 |
| W50THST__13_KV_LOAD 356117 | 45.70 3.07 0.00 | 44.17 2.73 0.00 | 42.57 2.45 0.00 | 42.08 2.46 0.00 | 42.71 2.49 0.00 | 46.21 2.57 0.00 | 65.31 2.87 0.00 | 94.17 5.16 0.00 | 81.79 4.70 0.00 | 55.64 3.88 0.00 | 49.65 4.18 0.00 | 48.34 4.07 0.00 | 47.18 4.13 0.00 | 46.51 4.11 0.00 | 47.00 4.23 0.00 | 49.21 4.27 0.00 | 57.98 4.59 -0.01 | 72.01 4.84 0.00 | 91.54 6.49 0.28 | 80.78 5.36 0.00 | 63.41 4.15 0.00 | 54.94 3.79 0.00 | 48.90 3.62 0.00 | 46.34 3.07 0.00 |
| WADING RIVER_IC_1 23522 | 45.48 2.86 0.00 | 43.71 2.28 0.00 | 42.20 2.08 0.00 | 41.60 1.98 0.00 | 42.34 2.13 0.00 | 45.64 2.01 0.00 | 56.83 0.50 6.10 | 57.33 1.42 33.10 | 58.04 1.46 20.51 | 53.50 1.76 0.02 | 48.65 3.18 0.00 | 47.99 3.72 0.00 | 46.85 3.74 -0.06 | 46.34 3.86 -0.08 | 46.84 4.02 -0.06 | 48.91 3.91 -0.06 | 55.79 2.46 0.05 | 69.31 2.15 0.01 | 88.55 3.50 0.28 | 78.21 2.79 0.01 | 61.38 2.13 0.01 | 53.24 2.10 0.01 | 47.31 2.04 0.00 | 45.78 2.51 0.00 |
| WADING RIVER_IC_2 23547 | 45.48 2.86 0.00 | 43.71 2.28 0.00 | 42.20 2.08 0.00 | 41.60 1.98 0.00 | 42.34 2.13 0.00 | 45.64 2.01 0.00 | 56.83 0.50 6.10 | 57.33 1.42 33.10 | 58.04 1.46 20.51 | 53.50 1.76 0.02 | 48.65 3.18 0.00 | 47.99 3.72 0.00 | 46.85 3.74 -0.06 | 46.34 3.86 -0.08 | 46.84 4.02 -0.06 | 48.91 3.91 -0.06 | 55.79 2.46 0.05 | 69.31 2.15 0.01 | 88.55 3.50 0.28 | 78.21 2.79 0.01 | 61.38 2.13 0.01 | 53.24 2.10 0.01 | 47.31 2.04 0.00 | 45.78 2.51 0.00 |
| WADING RIVER_IC_3 23601 | 45.48 2.86 0.00 | 43.71 2.28 0.00 | 42.20 2.08 0.00 | 41.60 1.98 0.00 | 42.34 2.13 0.00 | 45.64 2.01 0.00 | 56.83 0.50 6.10 | 57.33 1.42 33.10 | 58.04 1.46 20.51 | 53.50 1.76 0.02 | 48.65 3.18 0.00 | 47.99 3.72 0.00 | 46.85 3.74 -0.06 | 46.34 3.86 -0.08 | 46.84 4.02 -0.06 | 48.91 3.91 -0.06 | 55.79 2.46 0.05 | 69.31 2.15 0.01 | 88.55 3.50 0.28 | 78.21 2.79 0.01 | 61.38 2.13 0.01 | 53.24 2.10 0.01 | 47.31 2.04 0.00 | 45.78 2.51 0.00 |
| WALDENNY_12_KV_BK2 80841 | 40.32 -2.30 0.00 | 38.90 -2.53 0.00 | 38.31 -1.81 0.00 | 37.56 -2.06 0.00 | 38.04 -2.17 0.00 | 41.84 -1.79 0.00 | 57.94 -4.50 0.00 | 82.22 -6.76 0.03 | 71.59 -5.47 0.03 | 47.45 -4.30 0.01 | 41.53 -3.91 0.03 | 40.52 -3.72 0.03 | 39.45 -3.57 0.03 | 38.89 -3.48 0.03 | 39.14 -3.59 0.03 | 40.97 -3.96 0.02 | 48.18 -5.12 0.08 | 61.11 -6.05 0.02 | 76.37 -7.77 1.20 | 68.76 -6.64 0.02 | 53.56 -5.45 0.25 | 44.85 -5.01 1.29 | 41.32 -3.94 0.02 | 40.24 -3.03 0.00 |
| WALDEN__HYDRO 24148 | 45.01 2.39 0.00 | 43.59 2.15 0.00 | 42.05 1.93 0.00 | 41.57 1.94 0.00 | 42.18 1.97 0.00 | 45.55 1.92 0.00 | 64.68 2.25 0.00 | 93.10 4.09 0.00 | 80.64 3.55 0.00 | 54.50 2.74 0.00 | 48.47 3.00 0.00 | 47.14 2.88 0.00 | 45.98 2.93 0.00 | 45.28 2.88 0.00 | 45.76 2.99 0.00 | 47.96 3.01 0.00 | 56.64 3.26 0.00 | 70.87 3.69 0.00 | 90.17 5.12 0.28 | 79.72 4.30 0.00 | 62.52 3.26 0.00 | 54.12 2.97 0.00 | 48.08 2.81 0.00 | 45.56 2.29 0.00 |
| WARRENSBURG____ 23737 | 43.95 1.32 0.00 | 42.67 1.24 0.00 | 41.28 1.16 0.00 | 40.81 1.19 0.00 | 41.38 1.17 0.00 | 44.72 1.09 0.00 | 64.24 1.81 0.00 | 91.06 2.05 0.00 | 78.86 1.77 0.00 | 52.59 0.83 0.00 | 46.15 0.68 0.00 | 44.80 0.53 0.00 | 43.57 0.52 0.00 | 42.82 0.42 0.00 | 43.32 0.56 0.00 | 45.66 0.72 0.00 | 54.45 1.07 0.00 | 69.12 1.95 0.00 | 87.77 2.65 0.21 | 77.01 1.58 0.00 | 60.92 1.66 0.00 | 52.53 1.38 0.00 | 46.59 1.31 0.00 | 44.31 1.04 0.00 |
| WATERSIDE____6 8 9 23538 | 45.56 2.94 0.00 | 44.04 2.61 0.00 | 42.48 2.37 0.00 | 41.96 2.34 0.00 | 42.54 2.33 0.00 | 46.03 2.40 0.00 | 64.43 2.00 0.00 | 92.75 3.74 0.00 | 80.56 3.47 0.00 | 54.81 3.05 0.00 | 48.83 3.36 0.00 | 47.58 3.32 0.00 | 46.45 3.40 0.00 | 45.83 3.43 0.00 | 46.35 3.59 0.00 | 48.49 3.55 0.00 | 57.08 3.68 -0.01 | 70.94 3.76 0.00 | 90.26 5.21 0.28 | 79.65 4.22 0.00 | 62.58 3.32 0.00 | 54.48 3.32 0.00 | 48.72 3.44 0.00 | 46.21 2.94 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 43.39 0.77 0.00 | 42.18 0.75 0.00 | 40.84 0.72 0.00 | 40.34 0.71 0.00 | 40.98 0.76 0.00 | 44.46 0.83 0.00 | 63.56 1.12 0.00 | 90.70 1.69 0.00 | 78.48 1.39 0.00 | 52.64 0.88 0.00 | 46.29 0.82 0.00 | 45.06 0.80 0.00 | 43.78 0.73 0.00 | 43.16 0.76 0.00 | 43.49 0.73 0.00 | 45.75 0.81 0.00 | 54.45 1.07 0.00 | 68.38 1.21 0.00 | 86.95 1.62 0.00 | 76.78 1.36 0.00 | 60.27 1.01 0.00 | 52.02 0.87 0.00 | 45.96 0.68 0.00 | 43.83 0.56 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WDELAWARE___HYD 323627 | 45.23 2.60 0.00 | 43.83 2.40 0.00 | 42.33 2.21 0.00 | 41.80 2.18 0.00 | 42.38 2.17 0.00 | 45.81 2.18 0.00 | 65.37 2.94 0.00 | 94.08 5.07 0.00 | 81.33 4.24 0.00 | 54.55 2.79 0.00 | 48.33 2.87 0.00 | 47.05 2.79 0.00 | 45.76 2.71 0.00 | 45.15 2.75 0.00 | 45.58 2.82 0.00 | 47.82 2.88 0.00 | 56.75 3.37 0.00 | 71.14 3.96 0.00 | 90.65 5.63 0.31 | 80.32 4.90 0.00 | 63.06 3.80 0.00 | 54.38 3.22 0.00 | 47.95 2.67 0.00 | 45.61 2.34 0.00 |
| WEST BABYLON___IC 23714 | 45.91 3.28 0.00 | 44.17 2.73 0.00 | 42.61 2.49 0.00 | 42.08 2.46 0.00 | 42.75 2.53 0.00 | 46.16 2.53 0.00 | 58.36 1.06 5.13 | 63.65 2.49 27.85 | 62.15 2.31 17.26 | 54.23 2.48 0.01 | 49.56 4.09 0.00 | 48.45 4.16 -0.02 | 47.24 4.00 -0.18 | 46.68 4.03 -0.25 | 47.10 4.15 -0.19 | 49.26 4.13 -0.18 | 56.54 3.20 0.05 | 70.52 3.36 0.01 | 90.08 5.03 0.28 | 79.56 4.15 0.01 | 62.33 3.08 0.01 | 54.06 2.92 0.01 | 49.40 4.12 0.00 | 46.73 3.46 0.00 |
| WEST CANADA___HYD 24049 | 42.80 0.17 0.00 | 41.60 0.17 0.00 | 40.24 0.12 0.00 | 39.74 0.12 0.00 | 40.33 0.12 0.00 | 43.72 0.09 0.00 | 62.56 0.13 0.00 | 89.19 0.18 0.00 | 77.32 0.23 0.00 | 51.86 0.10 0.00 | 45.61 0.14 0.00 | 44.40 0.13 0.00 | 43.18 0.13 0.00 | 42.52 0.13 0.00 | 42.89 0.13 0.00 | 45.08 0.14 0.00 | 53.60 0.21 0.00 | 67.38 0.20 0.00 | 85.68 0.34 0.00 | 75.73 0.30 0.00 | 59.50 0.24 0.00 | 51.36 0.21 0.00 | 45.37 0.09 0.00 | 43.36 0.09 0.00 |
| WESTERN_NY_WIND 24143 | 41.26 -1.36 0.00 | 39.69 -1.74 0.00 | 39.04 -1.08 0.00 | 38.40 -1.23 0.00 | 38.93 -1.29 0.00 | 42.67 -0.96 0.00 | 59.19 -3.25 0.00 | 84.00 -4.98 0.02 | 73.29 -3.78 0.02 | 48.44 -3.31 0.01 | 41.86 -3.59 0.02 | 40.84 -3.41 0.02 | 39.63 -3.40 0.02 | 39.15 -3.22 0.02 | 39.45 -3.29 0.02 | 41.42 -3.51 0.02 | 48.45 -4.86 0.08 | 62.18 -4.97 0.02 | 77.65 -6.49 1.20 | 70.50 -4.90 0.02 | 54.38 -4.74 0.14 | 45.99 -4.45 0.71 | 41.68 -3.58 0.02 | 41.28 -1.99 0.00 |
| WESTOVER___LESR 323668 | 42.63 0.00 0.00 | 41.35 -0.08 0.00 | 40.16 0.04 0.00 | 39.58 -0.04 0.00 | 40.17 -0.04 0.00 | 43.76 0.13 0.00 | 62.12 -0.31 0.00 | 88.91 -0.09 0.01 | 76.85 -0.23 0.01 | 51.39 -0.36 0.00 | 45.24 -0.23 0.01 | 43.95 -0.31 0.01 | 42.79 -0.26 0.01 | 42.18 -0.21 0.01 | 42.54 -0.21 0.01 | 44.71 -0.22 0.01 | 53.15 -0.21 0.02 | 66.83 -0.34 0.01 | 84.15 -0.09 1.10 | 75.34 -0.08 0.01 | 59.07 -0.12 0.07 | 50.70 -0.15 0.30 | 45.18 -0.09 0.01 | 43.10 -0.17 0.00 |
| WETHRSFD_WT_PWR 323626 | 40.24 -2.39 0.00 | 39.03 -2.40 0.00 | 38.32 -1.80 0.00 | 37.92 -1.70 0.00 | 38.24 -1.97 0.00 | 41.97 -1.66 0.00 | 58.50 -3.93 0.00 | 83.01 -5.96 0.04 | 72.12 -4.94 0.04 | 48.18 -3.57 0.01 | 41.47 -3.96 0.04 | 40.33 -3.90 0.04 | 39.31 -3.70 0.04 | 38.80 -3.56 0.04 | 39.09 -3.63 0.04 | 40.96 -3.96 0.03 | 48.44 -4.80 0.14 | 61.57 -5.57 0.03 | 76.97 -7.17 1.20 | 69.28 -6.11 0.03 | 53.72 -5.04 0.51 | 43.72 -4.71 2.72 | 41.80 -3.44 0.03 | 40.59 -2.68 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 45.01 2.39 0.00 | 43.55 2.11 0.00 | 42.01 1.89 0.00 | 41.53 1.90 0.00 | 42.14 1.93 0.00 | 45.55 1.92 0.00 | 64.49 2.06 0.00 | 92.92 3.92 0.00 | 80.48 3.39 0.00 | 54.66 2.90 0.00 | 48.65 3.18 0.00 | 47.36 3.10 0.00 | 46.24 3.19 0.00 | 45.58 3.18 0.00 | 46.06 3.29 0.00 | 48.22 3.28 0.00 | 56.80 3.42 0.00 | 70.80 3.63 0.00 | 90.17 5.12 0.28 | 79.65 4.22 0.00 | 62.46 3.20 0.00 | 54.12 2.97 0.00 | 48.18 2.90 0.00 | 45.65 2.38 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 45.01 2.39 0.00 | 43.55 2.11 0.00 | 42.01 1.89 0.00 | 41.53 1.90 0.00 | 42.14 1.93 0.00 | 45.55 1.92 0.00 | 64.49 2.06 0.00 | 92.92 3.92 0.00 | 80.48 3.39 0.00 | 54.66 2.90 0.00 | 48.65 3.18 0.00 | 47.36 3.10 0.00 | 46.24 3.19 0.00 | 45.58 3.18 0.00 | 46.06 3.29 0.00 | 48.22 3.28 0.00 | 56.80 3.42 0.00 | 70.80 3.63 0.00 | 90.17 5.12 0.28 | 79.65 4.22 0.00 | 62.46 3.20 0.00 | 54.12 2.97 0.00 | 48.18 2.90 0.00 | 45.65 2.38 0.00 |
| WHITEHAL_115KV_TB1 80871 | 44.67 2.05 0.00 | 43.34 1.91 0.00 | 41.93 1.81 0.00 | 41.45 1.82 0.00 | 42.02 1.81 0.00 | 45.51 1.88 0.00 | 65.49 3.06 0.00 | 92.84 3.83 0.00 | 80.25 3.16 0.00 | 53.31 1.55 0.00 | 46.65 1.18 0.00 | 45.24 0.97 0.00 | 43.95 0.90 0.00 | 43.20 0.81 0.00 | 43.70 0.94 0.00 | 46.16 1.21 0.00 | 55.15 1.76 0.00 | 70.33 3.16 0.00 | 89.31 4.18 0.21 | 78.29 2.87 0.00 | 62.05 2.79 0.00 | 53.40 2.25 0.00 | 47.27 1.99 0.00 | 44.92 1.64 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 45.48 2.86 0.00 | 43.96 2.53 0.00 | 42.45 2.33 0.00 | 41.92 2.30 0.00 | 42.55 2.33 0.00 | 45.99 2.36 0.00 | 65.24 2.81 0.00 | 93.90 4.90 0.00 | 81.56 4.47 0.00 | 55.33 3.57 0.00 | 49.29 3.82 0.00 | 47.94 3.67 0.00 | 46.80 3.75 0.00 | 46.13 3.73 0.00 | 46.57 3.81 0.00 | 48.81 3.87 0.00 | 57.50 4.11 0.00 | 71.67 4.50 0.00 | 91.20 6.14 0.28 | 80.40 4.98 0.00 | 63.17 3.91 0.00 | 54.68 3.53 0.00 | 48.63 3.35 0.00 | 46.04 2.77 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 45.48 2.86 0.00 | 43.71 2.28 0.00 | 42.21 2.09 0.00 | 41.72 2.10 0.00 | 42.38 2.17 0.00 | 45.73 2.09 0.00 | 56.86 0.50 6.07 | 57.55 1.51 32.98 | 58.12 1.46 20.43 | 53.56 1.81 0.02 | 48.83 3.36 0.00 | 47.94 3.67 0.00 | 46.95 3.83 -0.06 | 46.34 3.86 -0.09 | 46.81 3.98 -0.07 | 48.96 3.96 -0.06 | 55.68 2.35 0.05 | 69.38 2.22 0.01 | 88.63 3.58 0.28 | 78.21 2.79 0.01 | 61.33 2.07 0.01 | 53.29 2.15 0.01 | 48.94 3.67 0.00 | 46.30 3.03 0.00 |
| WOODARD___115KV_TB2 355635 | 41.99 -0.64 0.00 | 40.73 -0.70 0.00 | 39.48 -0.64 0.00 | 38.95 -0.67 0.00 | 39.57 -0.64 0.00 | 42.98 -0.65 0.00 | 61.43 -1.00 0.00 | 87.76 -1.25 0.00 | 76.09 -1.00 0.00 | 50.93 -0.83 0.00 | 44.70 -0.77 0.00 | 43.42 -0.84 0.00 | 42.28 -0.77 0.00 | 41.68 -0.72 0.00 | 41.99 -0.77 0.00 | 44.14 -0.81 0.00 | 52.37 -1.01 0.00 | 66.03 -1.14 0.00 | 83.09 -1.28 0.96 | 74.37 -1.06 0.00 | 58.25 -1.01 0.00 | 50.23 -0.92 0.00 | 44.37 -0.91 0.00 | 42.49 -0.78 0.00 |
| WOODMERE_69_KV_BK1 55827 | 45.74 3.11 0.00 | 44.04 2.61 0.00 | 42.49 2.37 0.00 | 41.96 2.34 0.00 | 42.63 2.41 0.00 | 46.03 2.40 0.00 | 63.70 1.87 0.61 | 89.38 3.65 3.28 | 78.37 3.31 2.03 | 54.65 2.90 0.01 | 49.80 4.27 -0.05 | 48.74 4.29 -0.19 | 48.47 4.31 -1.12 | 48.24 4.32 -1.52 | 48.37 4.45 -1.16 | 50.51 4.49 -1.07 | 56.95 3.58 0.01 | 71.00 3.83 0.01 | 90.51 5.46 0.28 | 79.87 4.45 0.01 | 62.69 3.44 0.01 | 54.27 3.12 0.01 | 49.23 3.89 -0.05 | 46.47 3.20 0.00 |
| YORK___WARBASSE 23770 | 45.83 3.20 -0.01 | 44.34 2.90 -0.01 | 42.74 2.61 -0.01 | 42.25 2.62 -0.01 | 42.84 2.61 -0.01 | 46.35 2.71 -0.01 | 64.82 2.37 -0.01 | 93.37 4.36 0.00 | 81.02 3.93 0.00 | 55.02 3.26 0.00 | 48.92 3.46 0.00 | 47.63 3.36 0.00 | 46.49 3.44 0.00 | 45.87 3.48 0.00 | 46.44 3.68 0.00 | 48.58 3.64 0.00 | 57.29 3.90 -0.01 | 71.34 4.16 0.00 | 90.77 5.72 0.28 | 80.18 4.75 0.00 | 62.93 3.67 0.00 | 54.73 3.58 0.00 | 49.04 3.76 0.00 | 46.52 3.25 -0.01 |