

Day Ahead Market Generator LBMP

| | | --- LBMP \$ | | | | | | | | | | --- Marginal Cost of Losses | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | |
|-------------------------------|------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|--|--|--|--|--|--|
| Generator Data | | 11/17/2025 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | EST | 43.15 | 39.37 | 37.68 | 37.42 | 39.49 | 43.09 | 60.14 | 71.99 | 59.86 | 55.94 | 55.30 | 54.25 | 54.08 | 55.01 | 55.99 | 59.51 | 72.04 | 93.90 | 83.04 | 70.90 | 65.04 | 59.58 | 53.99 | 50.75 | | | | | | |
| | | 3.09 | 2.44 | 2.33 | 2.38 | 2.51 | 2.82 | 4.14 | 4.90 | 3.86 | 3.71 | 3.71 | 3.83 | 3.91 | 3.98 | 3.76 | 4.00 | 4.78 | 6.63 | 5.07 | 4.33 | 3.91 | 3.64 | 3.20 | 2.83 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 74TH STREET_GT_1 24260 | EST | 43.11 | 39.45 | 37.65 | 37.35 | 39.53 | 43.09 | 60.09 | 71.85 | 59.81 | 55.94 | 55.35 | 54.25 | 54.08 | 55.07 | 55.99 | 59.51 | 71.97 | 93.81 | 83.04 | 70.97 | 65.11 | 59.64 | 54.04 | 50.75 | | | | | | |
| | | 3.04 | 2.51 | 2.30 | 2.31 | 2.55 | 2.82 | 4.09 | 4.76 | 3.81 | 3.71 | 3.77 | 3.83 | 3.91 | 4.03 | 3.76 | 4.00 | 4.71 | 6.54 | 5.07 | 4.39 | 3.97 | 3.69 | 3.25 | 2.83 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 74TH STREET_GT_2 24261 | EST | 43.11 | 39.45 | 37.65 | 37.35 | 39.53 | 43.09 | 60.09 | 71.85 | 59.81 | 55.94 | 55.35 | 54.25 | 54.08 | 55.07 | 55.99 | 59.51 | 71.97 | 93.81 | 83.04 | 70.97 | 65.11 | 59.64 | 54.04 | 50.75 | | | | | | |
| | | 3.04 | 2.51 | 2.30 | 2.31 | 2.55 | 2.82 | 4.09 | 4.76 | 3.81 | 3.71 | 3.77 | 3.83 | 3.91 | 4.03 | 3.76 | 4.00 | 4.71 | 6.54 | 5.07 | 4.39 | 3.97 | 3.69 | 3.25 | 2.83 | | | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| ADK HUDSON___FALLS 24011 | EST | 42.83 | 39.41 | 37.72 | 37.35 | 39.42 | 43.13 | 60.14 | 72.19 | 59.86 | 55.57 | 54.68 | 53.34 | 53.02 | 53.89 | 55.37 | 59.07 | 71.83 | 93.55 | 83.43 | 71.10 | 65.72 | 59.91 | 54.14 | 51.08 | | | | | | |
| | | 2.76 | 2.47 | 2.37 | 2.31 | 2.44 | 2.86 | 4.14 | 5.10 | 3.86 | 3.34 | 3.09 | 2.92 | 2.86 | 2.86 | 3.13 | 3.55 | 4.57 | 6.28 | 5.46 | 4.53 | 4.58 | 3.97 | 3.35 | 3.16 | | | | | | |
| | | 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 | | | | | | |
| ADK RESOURCE___RCVRY 23798 | EST | 42.99 | 39.56 | 37.86 | 37.49 | 39.56 | 43.33 | 60.42 | 72.59 | 60.14 | 55.78 | 54.93 | 53.55 | 53.17 | 54.04 | 55.58 | 59.29 | 72.11 | 94.08 | 83.90 | 71.50 | 66.08 | 60.25 | 54.40 | 51.32 | | | | | | |
| | | 2.92 | 2.62 | 2.51 | 2.45 | 2.59 | 3.06 | 4.42 | 5.50 | 4.14 | 3.55 | 3.35 | 3.13 | 3.01 | 3.01 | 3.35 | 3.78 | 4.85 | 6.81 | 5.92 | 4.93 | 4.95 | 4.31 | 3.61 | 3.40 | | | | | | |
| | | 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 | | | | | | |
| ADK S GLENS___FALLS 24028 | EST | 42.83 | 39.41 | 37.72 | 37.35 | 39.42 | 43.13 | 60.14 | 72.19 | 59.86 | 55.57 | 54.68 | 53.34 | 53.02 | 53.89 | 55.37 | 59.07 | 71.83 | 93.55 | 83.43 | 71.10 | 65.72 | 59.91 | 54.14 | 51.08 | | | | | | |
| | | 2.76 | 2.47 | 2.37 | 2.31 | 2.44 | 2.86 | 4.14 | 5.10 | 3.86 | 3.34 | 3.09 | 2.92 | 2.86 | 2.86 | 3.13 | 3.55 | 4.57 | 6.28 | 5.46 | 4.53 | 4.58 | 3.97 | 3.35 | 3.16 | | | | | | |
| | | 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 | | | | | | |
| ADK_NYS___DAM 23527 | EST | 42.23 | 38.82 | 37.15 | 36.83 | 38.86 | 42.40 | 58.80 | 70.51 | 58.69 | 54.63 | 53.65 | 52.49 | 52.22 | 53.23 | 54.74 | 58.23 | 70.56 | 91.80 | 81.87 | 69.83 | 64.19 | 58.63 | 53.08 | 49.98 | | | | | | |
| | | 2.16 | 1.88 | 1.80 | 1.79 | 1.88 | 2.13 | 2.80 | 3.42 | 2.69 | 2.40 | 2.07 | 2.07 | 2.06 | 2.19 | 2.51 | 2.72 | 3.29 | 4.53 | 3.90 | 3.26 | 3.06 | 2.69 | 2.29 | 2.06 | | | | | | |
| | | 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 | | | | | | |
| AIR_PRODUCTS___DRP 24190 | EST | 40.87 | 37.64 | 36.02 | 35.67 | 37.64 | 40.91 | 56.45 | 67.63 | 56.28 | 52.38 | 51.69 | 50.62 | 50.41 | 51.34 | 52.55 | 55.90 | 67.73 | 88.05 | 78.52 | 66.97 | 61.62 | 56.33 | 50.94 | 48.25 | | | | | | |
| | | 0.80 | 0.70 | 0.67 | 0.63 | 0.67 | 0.64 | 0.45 | 0.54 | 0.28 | 0.16 | 0.10 | 0.20 | 0.25 | 0.31 | 0.31 | 0.39 | 0.47 | 0.79 | 0.55 | 0.40 | 0.49 | 0.39 | 0.15 | 0.34 | | | | | | |
| | | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| AKWESSNE_115KV_BK 355683 | EST | 39.67 | 36.53 | 34.92 | 34.69 | 36.61 | 39.91 | 55.66 | 66.55 | 55.66 | 51.81 | 51.22 | 50.12 | 49.81 | 50.52 | 51.76 | 54.96 | 66.72 | 86.48 | 77.35 | 66.17 | 60.89 | 55.83 | 50.64 | 47.73 | | | | | | |
| | | -0.40 | -0.41 | -0.42 | -0.35 | -0.37 | -0.36 | -0.34 | -0.54 | -0.34 | -0.42 | -0.36 | -0.30 | -0.35 | -0.51 | -0.47 | -0.56 | -0.54 | -0.79 | -0.62 | -0.40 | -0.24 | -0.11 | -0.15 | -0.19 | | | | | | |
| | | 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 | EST | 41.59 | 38.30 | 36.66 | 36.30 | 38.30 | 41.72 | 57.74 | 69.17 | 57.68 | 53.53 | 52.61 | 51.48 | 51.22 | 52.15 | 53.54 | 57.18 | 69.48 | 90.50 | 80.70 | 68.90 | 63.33 | 57.95 | 52.42 | 49.60 | | | | | | |
| | | 1.52 | 1.37 | 1.31 | 1.26 | 1.33 | 1.45 | 1.74 | 2.08 | 1.68 | 1.31 | 1.03 | 1.06 | 1.06 | 1.12 | 1.31 | 1.66 | 2.22 | 3.23 | 2.73 | 2.33 | 2.20 | 2.01 | 1.62 | 1.68 | | | | | | |
| | | 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_2_SOLAR 323834 | EST | 41.55 | 38.30 | 36.66 | 36.30 | 38.30 | 41.72 | 57.74 | 69.17 | 57.68 | 53.48 | 52.61 | 51.43 | 51.22 | 52.15 | 53.54 | 57.12 | 69.41 | 90.50 | 80.70 | 68.84 | 63.33 | 57.90 | 52.42 | 49.55 | | | | | | |
| | | 1.48 | 1.37 | 1.31 | 1.26 | 1.33 | 1.45 | 1.74 | 2.08 | 1.68 | 1.25 | 1.03 | 1.01 | 1.06 | 1.12 | 1.31 | 1.61 | 2.15 | 3.23 | 2.73 | 2.26 | 2.20 | 1.96 | 1.62 | 1.63 | | | | | | |
| | | 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 23571 | EST | 40.87 | 37.64 | 36.02 | 35.67 | 37.64 | 40.91 | 56.45 | 67.63 | 56.28 | 52.38 | 51.69 | 50.62 | 50.41 | 51.34 | 52.55 | 55.90 | 67.73 | 88.05 | 78.52 | 66.97 | 61.62 | 56.33 | 50.94 | 48.25 | | | | | | |
| | | 0.80 | 0.70 | 0.67 | 0.63 | 0.67 | 0.64 | 0.45 | 0.54 | 0.28 | 0.16 | 0.10 | 0.20 | 0.25 | 0.31 | 0.31 | 0.39 | 0.47 | 0.79 | 0.55 | 0.40 | 0.49 | 0.39 | 0.15 | 0.34 | | | | | | |
| | | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 40.87 0.80 0.00 | 37.64 0.70 0.00 | 36.02 0.67 0.00 | 35.67 0.63 0.00 | 37.64 0.67 0.00 | 40.91 0.64 0.00 | 56.45 0.45 0.00 | 67.63 0.54 0.00 | 56.28 0.28 0.00 | 52.38 0.16 0.00 | 51.69 0.10 0.00 | 50.62 0.20 0.00 | 50.41 0.25 0.00 | 51.34 0.31 0.00 | 52.55 0.31 0.00 | 55.90 0.39 0.00 | 67.73 0.47 0.00 | 88.05 0.79 0.00 | 78.52 0.55 0.00 | 66.97 0.40 0.00 | 61.62 0.49 0.00 | 56.33 0.39 0.00 | 50.94 0.15 0.00 | 48.25 0.34 0.00 |
| ALBANY___3 23573 | 40.87 0.80 0.00 | 37.64 0.70 0.00 | 36.02 0.67 0.00 | 35.67 0.63 0.00 | 37.64 0.67 0.00 | 40.91 0.64 0.00 | 56.45 0.45 0.00 | 67.63 0.54 0.00 | 56.28 0.28 0.00 | 52.38 0.16 0.00 | 51.69 0.10 0.00 | 50.62 0.20 0.00 | 50.41 0.25 0.00 | 51.34 0.31 0.00 | 52.55 0.31 0.00 | 55.90 0.39 0.00 | 67.73 0.47 0.00 | 88.05 0.79 0.00 | 78.52 0.55 0.00 | 66.97 0.40 0.00 | 61.62 0.49 0.00 | 56.33 0.39 0.00 | 50.94 0.15 0.00 | 48.25 0.34 0.00 |
| ALBANY___4 23574 | 40.87 0.80 0.00 | 37.64 0.70 0.00 | 36.02 0.67 0.00 | 35.67 0.63 0.00 | 37.64 0.67 0.00 | 40.91 0.64 0.00 | 56.45 0.45 0.00 | 67.63 0.54 0.00 | 56.28 0.28 0.00 | 52.38 0.16 0.00 | 51.69 0.10 0.00 | 50.62 0.20 0.00 | 50.41 0.25 0.00 | 51.34 0.31 0.00 | 52.55 0.31 0.00 | 55.90 0.39 0.00 | 67.73 0.47 0.00 | 88.05 0.79 0.00 | 78.52 0.55 0.00 | 66.97 0.40 0.00 | 61.62 0.49 0.00 | 56.33 0.39 0.00 | 50.94 0.15 0.00 | 48.25 0.34 0.00 |
| ALBANY___LFGE 323615 | 41.23 1.16 0.00 | 37.97 1.03 0.00 | 36.34 0.99 0.00 | 35.95 0.91 0.00 | 37.93 0.96 0.00 | 41.23 0.96 0.00 | 56.84 0.84 0.00 | 68.23 1.14 0.00 | 56.78 0.78 0.00 | 52.86 0.63 0.00 | 52.15 0.57 0.00 | 51.07 0.65 0.00 | 50.81 0.65 0.00 | 51.70 0.66 0.00 | 53.02 0.78 0.00 | 56.40 0.89 0.00 | 68.33 1.07 0.00 | 88.84 1.57 0.00 | 79.14 1.17 0.00 | 67.57 1.00 0.00 | 62.11 0.98 0.00 | 56.78 0.84 0.00 | 51.35 0.56 0.00 | 48.64 0.72 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 39.91 -0.16 0.00 | 36.79 -0.15 0.00 | 35.17 -0.18 0.00 | 34.94 -0.11 0.00 | 36.86 -0.11 0.00 | 40.19 -0.08 0.00 | 56.06 0.06 0.00 | 67.02 -0.07 0.00 | 56.06 0.06 0.00 | 52.18 -0.05 0.00 | 51.63 0.05 0.00 | 50.52 0.10 0.00 | 50.16 0.00 0.00 | 50.83 -0.20 0.00 | 52.08 -0.16 0.00 | 55.29 -0.22 0.00 | 67.13 -0.13 0.00 | 86.92 -0.35 0.00 | 77.82 -0.16 0.00 | 66.57 0.00 0.00 | 61.38 0.24 0.00 | 56.28 0.34 0.00 | 51.10 0.30 0.00 | 48.16 0.24 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 39.91 -0.16 0.00 | 36.79 -0.15 0.00 | 35.17 -0.18 0.00 | 34.94 -0.11 0.00 | 36.86 -0.11 0.00 | 40.19 -0.08 0.00 | 56.06 0.06 0.00 | 67.02 -0.07 0.00 | 56.06 0.06 0.00 | 52.18 -0.05 0.00 | 51.63 0.05 0.00 | 50.52 0.10 0.00 | 50.16 0.00 0.00 | 50.83 -0.20 0.00 | 52.08 -0.16 0.00 | 55.29 -0.22 0.00 | 67.13 -0.13 0.00 | 86.92 -0.35 0.00 | 77.82 -0.16 0.00 | 66.57 0.00 0.00 | 61.38 0.24 0.00 | 56.28 0.34 0.00 | 51.10 0.30 0.00 | 48.16 0.24 0.00 |
| ALCOA___DSASP 323711 | 39.91 -0.16 0.00 | 36.79 -0.15 0.00 | 35.17 -0.18 0.00 | 34.94 -0.11 0.00 | 36.86 -0.11 0.00 | 40.19 -0.08 0.00 | 56.06 0.06 0.00 | 67.02 -0.07 0.00 | 56.06 0.06 0.00 | 52.18 -0.05 0.00 | 51.63 0.05 0.00 | 50.52 0.10 0.00 | 50.16 0.00 0.00 | 50.83 -0.20 0.00 | 52.08 -0.16 0.00 | 55.29 -0.22 0.00 | 67.13 -0.13 0.00 | 86.92 -0.35 0.00 | 77.82 -0.16 0.00 | 66.57 0.00 0.00 | 61.38 0.24 0.00 | 56.28 0.34 0.00 | 51.10 0.30 0.00 | 48.16 0.24 0.00 |
| ALLEGHENY___COGEN 23514 | 38.99 -1.08 0.00 | 36.38 -0.55 0.00 | 34.85 -0.49 0.00 | 34.48 -0.56 0.00 | 36.16 -0.81 0.00 | 39.50 -0.77 0.00 | 56.11 0.11 0.00 | 66.33 -0.74 0.02 | 55.38 -0.61 0.00 | 51.34 -0.89 0.00 | 50.40 -1.18 0.00 | 48.65 -1.77 0.00 | 48.10 -2.06 0.00 | 49.25 -1.79 0.00 | 50.72 -1.52 0.00 | 53.83 -1.66 0.02 | 65.82 -1.42 0.02 | 86.20 -1.04 0.02 | 78.83 0.86 0.00 | 66.71 0.13 0.00 | 61.32 0.18 0.00 | 56.00 0.06 0.00 | 51.71 0.92 0.00 | 49.21 1.29 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 41.07 1.00 0.00 | 37.82 0.89 0.00 | 36.16 0.81 0.00 | 35.85 0.81 0.00 | 37.86 0.89 0.00 | 41.19 0.93 0.00 | 57.12 1.12 0.00 | 68.43 1.34 0.00 | 57.01 1.01 0.00 | 53.06 0.84 0.00 | 52.36 0.77 0.00 | 51.23 0.81 0.00 | 51.02 0.85 0.00 | 51.95 0.92 0.00 | 53.17 0.94 0.00 | 56.57 1.05 0.00 | 68.54 1.28 0.00 | 89.01 1.75 0.00 | 79.38 1.40 0.00 | 67.77 1.20 0.00 | 62.29 1.16 0.00 | 57.01 1.06 0.00 | 51.60 0.81 0.00 | 48.73 0.81 0.00 |
| ALTONA_WT_PWR 323606 | 38.62 -1.44 0.00 | 35.57 -1.37 0.00 | 34.00 -1.34 0.00 | 33.78 -1.26 0.00 | 35.68 -1.30 0.00 | 38.86 -1.41 0.00 | 54.26 -1.74 0.00 | 64.94 -2.15 0.00 | 54.32 -1.68 0.00 | 50.61 -1.62 0.00 | 50.08 -1.50 0.00 | 48.96 -1.46 0.00 | 48.66 -1.50 0.00 | 49.25 -1.79 0.00 | 50.56 -1.67 0.00 | 53.74 -1.78 0.00 | 65.38 -1.88 0.00 | 84.65 -2.62 0.00 | 75.64 -2.34 0.00 | 64.71 -1.86 0.00 | 59.61 -1.53 0.00 | 54.60 -1.34 0.00 | 49.52 -1.27 0.00 | 46.67 -1.25 0.00 |
| AMERICAN_REF_FUEL 24010 | 36.62 -3.45 0.00 | 34.35 -2.59 0.00 | 32.94 -2.40 0.00 | 32.52 -2.52 0.00 | 34.02 -2.96 0.00 | 36.36 -3.91 0.00 | 50.96 -5.04 0.00 | 59.29 -7.78 0.01 | 50.17 -5.83 0.00 | 47.32 -4.91 0.00 | 46.89 -4.69 0.00 | 45.43 -4.99 0.00 | 45.15 -5.02 0.00 | 46.08 -4.95 0.00 | 47.22 -5.01 0.00 | 49.56 -5.94 0.01 | 59.78 -7.47 0.01 | 76.87 -10.39 0.01 | 70.72 -7.25 0.00 | 59.45 -7.12 0.00 | 54.84 -6.30 0.00 | 50.52 -5.43 0.00 | 47.09 -3.71 0.00 | 45.33 -2.59 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 35.74 -4.33 0.00 | 33.54 -3.40 0.00 | 32.24 -3.11 0.00 | 31.85 -3.19 0.00 | 33.35 -3.62 0.00 | 36.24 -4.03 0.00 | 51.24 -4.76 0.00 | 59.82 -7.25 0.02 | 50.45 -5.54 0.00 | 47.21 -5.01 0.00 | 46.68 -4.90 0.00 | 45.17 -5.24 0.00 | 45.00 -5.17 0.00 | 45.93 -5.10 0.00 | 47.06 -5.17 0.00 | 49.61 -5.89 0.02 | 60.92 -6.33 0.02 | 79.57 -7.68 0.02 | 72.51 -5.46 0.00 | 60.25 -6.33 0.00 | 55.45 -5.68 0.00 | 51.36 -4.59 0.00 | 48.10 -2.69 0.00 | 46.38 -1.54 0.00 |
| ARTHUR KILL_GT_1 23520 | 43.56 3.49 -0.01 | 39.90 2.95 -0.01 | 38.04 2.69 -0.01 | 37.78 2.73 -0.01 | 40.05 3.07 -0.01 | 43.41 3.14 0.00 | 59.58 3.58 0.00 | 70.98 3.89 0.00 | 59.08 3.08 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 54.15 3.73 0.00 | 53.98 3.81 0.00 | 54.86 3.83 0.00 | 55.63 3.40 0.00 | 58.84 3.33 0.00 | 71.02 3.77 0.01 | 92.75 5.50 0.01 | 82.18 4.21 0.01 | 70.09 3.53 0.01 | 64.30 3.18 0.01 | 59.19 3.24 0.00 | 54.35 3.56 0.00 | 51.08 3.16 0.00 |
| ARTHUR_KILL_2 23512 | 43.40 3.32 -0.01 | 39.79 2.84 -0.01 | 37.97 2.62 -0.01 | 37.68 2.63 -0.01 | 39.94 2.96 -0.01 | 43.29 3.02 0.00 | 59.13 3.13 0.00 | 70.78 3.69 0.00 | 58.91 2.91 0.00 | 55.52 3.29 0.00 | 54.83 3.25 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.76 3.72 0.00 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.75 3.50 0.01 | 92.40 5.15 0.01 | 81.86 3.90 0.01 | 69.83 3.26 0.01 | 64.00 2.87 0.01 | 58.96 3.02 0.00 | 53.99 3.20 0.00 | 50.99 3.07 0.00 |
| ARTHUR_KILL_3 23513 | 42.79 2.73 0.00 | 39.19 2.25 0.00 | 37.36 2.01 0.00 | 37.07 2.03 0.00 | 39.23 2.26 0.00 | 42.77 2.50 0.00 | 59.36 3.36 0.00 | 71.32 4.23 0.00 | 59.30 3.30 0.00 | 55.47 3.24 0.00 | 54.83 3.25 0.00 | 53.81 3.38 -0.01 | 53.58 3.41 -0.01 | 54.60 3.57 0.00 | 55.53 3.29 0.00 | 59.01 3.50 0.00 | 71.16 3.90 0.00 | 92.86 5.59 0.00 | 82.26 4.29 0.00 | 70.23 3.66 0.00 | 64.49 3.36 0.00 | 59.07 3.13 0.00 | 53.53 2.74 0.00 | 50.31 2.39 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 43.52 3.45 -0.01 | 39.90 2.96 -0.01 | 38.08 2.72 -0.01 | 37.79 2.74 -0.01 | 40.05 3.07 -0.01 | 43.41 3.14 0.00 | 59.30 3.30 0.00 | 70.98 3.89 0.00 | 59.08 3.08 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 54.16 3.73 -0.01 | 53.98 3.81 -0.01 | 54.91 3.88 0.00 | 55.63 3.39 0.00 | 58.84 3.33 0.00 | 70.95 3.70 0.01 | 92.76 5.50 0.01 | 82.17 4.21 0.01 | 70.09 3.53 0.01 | 64.18 3.06 0.01 | 59.13 3.19 0.00 | 54.14 3.35 0.00 | 51.08 3.16 0.00 |
| ASHOKAN____ 23654 | 41.79 1.72 0.00 | 38.37 1.44 0.00 | 36.69 1.34 0.00 | 36.41 1.37 0.00 | 38.49 1.52 0.00 | 41.96 1.69 0.00 | 58.35 2.35 0.00 | 69.97 2.88 0.00 | 58.30 2.30 0.00 | 53.95 1.72 0.00 | 52.82 1.24 0.00 | 51.63 1.21 0.00 | 51.42 1.25 0.00 | 52.36 1.32 0.00 | 53.59 1.36 0.00 | 57.29 1.78 0.00 | 70.22 2.96 0.00 | 91.89 4.62 0.00 | 81.87 3.90 0.00 | 69.83 3.26 0.00 | 63.76 2.63 0.00 | 58.57 2.63 0.00 | 52.87 2.08 0.00 | 49.84 1.92 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 42.99 2.92 0.00 | 39.33 2.40 0.00 | 37.50 2.16 0.00 | 37.18 2.14 0.00 | 39.83 2.85 -0.01 | 43.30 3.02 -0.01 | 59.76 3.75 -0.01 | 71.45 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.02 | 53.74 3.56 -0.02 | 54.92 3.88 -0.01 | 55.47 3.24 0.00 | 58.67 3.16 0.01 | 70.75 3.50 0.01 | 92.49 5.24 0.01 | 81.94 3.97 0.01 | 69.89 3.33 0.01 | 64.00 2.87 0.01 | 58.91 2.96 0.00 | 53.79 3.00 0.00 | 50.31 2.39 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 42.95 2.89 0.00 | 39.33 2.40 0.00 | 37.47 2.12 0.00 | 37.14 2.10 0.00 | 39.79 2.81 -0.01 | 43.26 2.98 -0.01 | 59.70 3.70 -0.01 | 71.45 4.36 -0.01 | 59.48 3.47 -0.01 | 55.74 3.50 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.02 | 53.69 3.51 -0.02 | 54.87 3.83 -0.01 | 55.42 3.19 0.00 | 58.67 3.16 0.01 | 70.68 3.43 0.01 | 92.40 5.15 0.01 | 81.86 3.90 0.01 | 69.83 3.26 0.01 | 64.00 2.87 0.01 | 58.91 2.96 0.00 | 53.79 3.00 0.00 | 50.27 2.35 0.00 |
| ASTORIA_GT2_1 24094 | 42.99 2.92 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.82 3.56 0.01 | 92.49 5.24 0.01 | 81.94 3.98 0.01 | 69.89 3.33 0.01 | 64.12 3.00 0.01 | 58.96 3.02 0.00 | 53.89 3.10 0.00 | 50.32 2.40 0.00 |
| ASTORIA_GT2_2 24095 | 42.99 2.92 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.82 3.56 0.01 | 92.49 5.24 0.01 | 81.94 3.98 0.01 | 69.89 3.33 0.01 | 64.12 3.00 0.01 | 58.96 3.02 0.00 | 53.89 3.10 0.00 | 50.32 2.40 0.00 |
| ASTORIA_GT2_3 24096 | 42.99 2.92 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.82 3.56 0.01 | 92.49 5.24 0.01 | 81.94 3.98 0.01 | 69.89 3.33 0.01 | 64.12 3.00 0.01 | 58.96 3.02 0.00 | 53.89 3.10 0.00 | 50.32 2.40 0.00 |
| ASTORIA_GT2_4 24097 | 42.99 2.92 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.82 3.56 0.01 | 92.49 5.24 0.01 | 81.94 3.98 0.01 | 69.89 3.33 0.01 | 64.12 3.00 0.01 | 58.96 3.02 0.00 | 53.89 3.10 0.00 | 50.32 2.40 0.00 |
| ASTORIA_GT3_1 24098 | 42.99 2.92 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.82 3.56 0.01 | 92.49 5.24 0.01 | 81.94 3.98 0.01 | 69.89 3.33 0.01 | 64.12 3.00 0.01 | 58.96 3.02 0.00 | 53.89 3.10 0.00 | 50.32 2.40 0.00 |
| ASTORIA_GT3_2 24099 | 42.99 2.92 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.82 3.56 0.01 | 92.49 5.24 0.01 | 81.94 3.98 0.01 | 69.89 3.33 0.01 | 64.12 3.00 0.01 | 58.96 3.02 0.00 | 53.89 3.10 0.00 | 50.32 2.40 0.00 |
| ASTORIA_GT3_3 24100 | 42.99 2.92 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.82 3.56 0.01 | 92.49 5.24 0.01 | 81.94 3.98 0.01 | 69.89 3.33 0.01 | 64.12 3.00 0.01 | 58.96 3.02 0.00 | 53.89 3.10 0.00 | 50.32 2.40 0.00 |
| ASTORIA_GT3_4 24101 | 42.99 2.92 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.82 3.56 0.01 | 92.49 5.24 0.01 | 81.94 3.98 0.01 | 69.89 3.33 0.01 | 64.12 3.00 0.01 | 58.96 3.02 0.00 | 53.89 3.10 0.00 | 50.32 2.40 0.00 |
| ASTORIA_GT4_1 24102 | 42.99 2.92 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.82 3.56 0.01 | 92.49 5.24 0.01 | 81.94 3.98 0.01 | 69.89 3.33 0.01 | 64.12 3.00 0.01 | 58.96 3.02 0.00 | 53.89 3.10 0.00 | 50.32 2.40 0.00 |
| ASTORIA_GT4_2 24103 | 42.99 2.92 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.82 3.56 0.01 | 92.49 5.24 0.01 | 81.94 3.98 0.01 | 69.89 3.33 0.01 | 64.12 3.00 0.01 | 58.96 3.02 0.00 | 53.89 3.10 0.00 | 50.32 2.40 0.00 |
| ASTORIA_GT4_3 24104 | 42.99 2.92 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.82 3.56 0.01 | 92.49 5.24 0.01 | 81.94 3.98 0.01 | 69.89 3.33 0.01 | 64.12 3.00 0.01 | 58.96 3.02 0.00 | 53.89 3.10 0.00 | 50.32 2.40 0.00 |

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| ASTORIA_GT4_4 24105 | 42.99 2.92 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 55.47 3.24 0.00 | 58.68 3.16 0.00 | 70.82 3.56 0.01 | 92.49 5.24 0.01 | 81.94 3.98 0.01 | 69.89 3.33 0.01 | 64.12 3.00 0.01 | 58.96 3.02 0.00 | 53.89 3.10 0.00 | 50.32 2.40 0.00 |
| ASTORIA_GT_1 23523 | 43.07 3.00 0.00 | 39.41 2.47 0.00 | 37.54 2.19 0.00 | 37.25 2.21 0.00 | 39.86 2.88 0.00 | 43.34 3.06 -0.01 | 60.15 4.14 -0.01 | 71.59 4.49 -0.01 | 59.65 3.64 -0.01 | 55.89 3.66 -0.01 | 55.25 3.66 -0.01 | 53.96 3.53 -0.01 | 53.83 3.66 -0.01 | 54.97 3.93 -0.01 | 55.58 3.34 0.00 | 58.79 3.28 0.00 | 70.95 3.70 0.01 | 92.67 5.41 0.01 | 82.10 4.13 0.01 | 70.03 3.46 0.01 | 64.24 3.12 0.01 | 59.08 3.13 0.00 | 53.99 3.20 0.00 | 50.41 2.49 0.00 |
| ASTORIA_GT_10 24110 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.49 2.51 0.00 | 42.97 2.70 0.00 | 59.64 3.64 0.00 | 71.05 3.96 0.00 | 59.25 3.25 0.00 | 55.52 3.29 0.00 | 54.93 3.35 0.00 | 53.80 3.38 0.00 | 53.63 3.46 0.00 | 54.66 3.62 0.00 | 55.52 3.29 0.00 | 58.90 3.39 0.00 | 71.02 3.77 0.01 | 92.58 5.32 0.01 | 81.94 3.98 0.01 | 70.03 3.46 0.01 | 64.30 3.18 0.01 | 59.02 3.08 0.00 | 53.74 2.95 0.00 | 50.36 2.44 0.00 |
| ASTORIA_GT_11 24225 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.49 2.51 0.00 | 42.97 2.70 0.00 | 59.64 3.64 0.00 | 71.05 3.96 0.00 | 59.25 3.25 0.00 | 55.52 3.29 0.00 | 54.93 3.35 0.00 | 53.80 3.38 0.00 | 53.63 3.46 0.00 | 54.66 3.62 0.00 | 55.52 3.29 0.00 | 58.90 3.39 0.00 | 71.02 3.77 0.01 | 92.58 5.32 0.01 | 81.94 3.98 0.01 | 70.03 3.46 0.01 | 64.30 3.18 0.01 | 59.02 3.08 0.00 | 53.74 2.95 0.00 | 50.36 2.44 0.00 |
| ASTORIA_GT_12 24226 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.49 2.51 0.00 | 42.97 2.70 0.00 | 59.64 3.64 0.00 | 71.05 3.96 0.00 | 59.25 3.25 0.00 | 55.52 3.29 0.00 | 54.93 3.35 0.00 | 53.80 3.38 0.00 | 53.63 3.46 0.00 | 54.66 3.62 0.00 | 55.52 3.29 0.00 | 58.90 3.39 0.00 | 71.02 3.77 0.01 | 92.58 5.32 0.01 | 81.94 3.98 0.01 | 70.03 3.46 0.01 | 64.30 3.18 0.01 | 59.02 3.08 0.00 | 53.74 2.95 0.00 | 50.36 2.44 0.00 |
| ASTORIA_GT_13 24227 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.49 2.51 0.00 | 42.97 2.70 0.00 | 59.64 3.64 0.00 | 71.05 3.96 0.00 | 59.25 3.25 0.00 | 55.52 3.29 0.00 | 54.93 3.35 0.00 | 53.80 3.38 0.00 | 53.63 3.46 0.00 | 54.66 3.62 0.00 | 55.52 3.29 0.00 | 58.90 3.39 0.00 | 71.02 3.77 0.01 | 92.58 5.32 0.01 | 81.94 3.98 0.01 | 70.03 3.46 0.01 | 64.30 3.18 0.01 | 59.02 3.08 0.00 | 53.74 2.95 0.00 | 50.36 2.44 0.00 |
| ASTORIA_GT_5 24106 | 43.07 3.00 0.00 | 39.41 2.47 0.00 | 37.54 2.19 0.00 | 37.25 2.21 0.00 | 39.86 2.88 0.00 | 43.34 3.06 -0.01 | 60.15 4.14 -0.01 | 71.59 4.49 -0.01 | 59.65 3.64 -0.01 | 55.89 3.66 -0.01 | 55.25 3.66 -0.01 | 53.96 3.53 -0.01 | 53.83 3.66 -0.01 | 54.97 3.93 -0.01 | 55.58 3.34 0.00 | 58.79 3.28 0.00 | 70.95 3.70 0.01 | 92.67 5.41 0.01 | 82.10 4.13 0.01 | 70.03 3.46 0.01 | 64.24 3.12 0.01 | 59.08 3.13 0.00 | 53.99 3.20 0.00 | 50.41 2.49 0.00 |
| ASTORIA_GT_7 24107 | 43.07 3.00 0.00 | 39.41 2.47 0.00 | 37.54 2.19 0.00 | 37.25 2.21 0.00 | 39.86 2.88 0.00 | 43.34 3.06 -0.01 | 60.15 4.14 -0.01 | 71.59 4.49 -0.01 | 59.65 3.64 -0.01 | 55.89 3.66 -0.01 | 55.25 3.66 -0.01 | 53.96 3.53 -0.01 | 53.83 3.66 -0.01 | 54.97 3.93 -0.01 | 55.58 3.34 0.00 | 58.79 3.28 0.00 | 70.95 3.70 0.01 | 92.67 5.41 0.01 | 82.10 4.13 0.01 | 70.03 3.46 0.01 | 64.24 3.12 0.01 | 59.08 3.13 0.00 | 53.99 3.20 0.00 | 50.41 2.49 0.00 |
| ASTORIA_GT_8 24108 | 43.07 3.00 0.00 | 39.41 2.47 0.00 | 37.54 2.19 0.00 | 37.25 2.21 0.00 | 39.86 2.88 0.00 | 43.34 3.06 -0.01 | 60.15 4.14 -0.01 | 71.59 4.49 -0.01 | 59.65 3.64 -0.01 | 55.89 3.66 -0.01 | 55.25 3.66 -0.01 | 53.96 3.53 -0.01 | 53.83 3.66 -0.01 | 54.97 3.93 -0.01 | 55.58 3.34 0.00 | 58.79 3.28 0.00 | 70.95 3.70 0.01 | 92.67 5.41 0.01 | 82.10 4.13 0.01 | 70.03 3.46 0.01 | 64.24 3.12 0.01 | 59.08 3.13 0.00 | 53.99 3.20 0.00 | 50.41 2.49 0.00 |
| ASTORIA___2 24149 | 42.99 2.92 0.00 | 39.33 2.40 0.00 | 37.50 2.16 0.00 | 37.18 2.14 0.00 | 39.83 2.85 -0.01 | 43.30 3.02 -0.01 | 59.76 3.75 -0.01 | 71.45 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.02 | 53.74 3.56 -0.02 | 54.92 3.88 -0.01 | 55.47 3.24 0.00 | 58.67 3.16 0.01 | 70.75 3.50 0.01 | 92.49 5.24 0.01 | 81.94 3.97 0.01 | 69.89 3.33 0.01 | 64.00 2.87 0.01 | 58.91 2.96 0.00 | 53.79 3.00 0.00 | 50.31 2.39 0.00 |
| ASTORIA___3 23516 | 42.91 2.84 0.00 | 39.33 2.40 0.00 | 37.54 2.19 0.00 | 37.22 2.17 0.00 | 39.49 2.52 0.00 | 42.97 2.70 0.00 | 59.36 3.36 0.00 | 71.05 3.96 0.00 | 59.25 3.25 0.00 | 55.52 3.29 0.00 | 54.93 3.35 0.00 | 53.81 3.38 -0.01 | 53.63 3.46 -0.01 | 54.71 3.68 0.00 | 55.53 3.29 0.00 | 58.90 3.39 0.00 | 70.88 3.63 0.01 | 92.58 5.32 0.01 | 81.94 3.97 0.01 | 70.02 3.46 0.01 | 64.18 3.06 0.01 | 58.96 3.02 0.00 | 53.69 2.89 0.00 | 50.36 2.44 0.00 |
| ASTORIA___4 23517 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.49 2.51 0.00 | 42.97 2.70 0.00 | 59.64 3.64 0.00 | 71.05 3.96 0.00 | 59.25 3.25 0.00 | 55.52 3.29 0.00 | 54.93 3.35 0.00 | 53.80 3.38 0.00 | 53.63 3.46 0.00 | 54.66 3.62 0.00 | 55.52 3.29 0.00 | 58.90 3.39 0.00 | 71.02 3.77 0.01 | 92.58 5.32 0.01 | 81.94 3.98 0.01 | 70.03 3.46 0.01 | 64.30 3.18 0.01 | 59.02 3.08 0.00 | 53.74 2.95 0.00 | 50.36 2.44 0.00 |
| ASTORIA___5 23518 | 42.91 2.84 0.00 | 39.33 2.40 0.00 | 37.54 2.19 0.00 | 37.22 2.17 0.00 | 39.49 2.52 0.00 | 42.97 2.70 0.00 | 59.36 3.36 0.00 | 71.05 3.96 0.00 | 59.25 3.25 0.00 | 55.52 3.29 0.00 | 54.93 3.35 0.00 | 53.81 3.38 -0.01 | 53.63 3.46 -0.01 | 54.71 3.68 0.00 | 55.53 3.29 0.00 | 58.90 3.39 0.00 | 70.88 3.63 0.01 | 92.58 5.32 0.01 | 81.94 3.97 0.01 | 70.02 3.46 0.01 | 64.18 3.06 0.01 | 58.96 3.02 0.00 | 53.69 2.89 0.00 | 50.36 2.44 0.00 |
| AST_ENERGY_2_CC3 323677 | 42.55 2.48 0.00 | 38.93 1.99 0.00 | 37.11 1.77 0.00 | 36.79 1.75 0.00 | 39.83 2.85 -0.01 | 43.30 3.02 -0.01 | 59.76 3.75 -0.01 | 71.45 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.02 | 53.74 3.56 -0.02 | 54.92 3.88 -0.01 | 54.90 2.66 0.00 | 58.06 2.56 0.01 | 70.01 2.76 0.01 | 91.53 4.27 0.01 | 81.09 3.12 0.01 | 69.16 2.59 0.01 | 63.32 2.20 0.01 | 58.29 2.35 0.00 | 53.23 2.44 0.00 | 49.79 1.87 0.00 |
| AST_ENERGY_2_CC4 323678 | 42.55 2.48 0.00 | 38.93 1.99 0.00 | 37.11 1.77 0.00 | 36.79 1.75 0.00 | 39.83 2.85 -0.01 | 43.30 3.02 -0.01 | 59.76 3.75 -0.01 | 71.45 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.02 | 53.74 3.56 -0.02 | 54.92 3.88 -0.01 | 54.90 2.66 0.00 | 58.06 2.56 0.01 | 70.01 2.76 0.01 | 91.53 4.27 0.01 | 81.09 3.12 0.01 | 69.16 2.59 0.01 | 63.32 2.20 0.01 | 58.29 2.35 0.00 | 53.23 2.44 0.00 | 49.79 1.87 0.00 |

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| ATHENS_STG_1 23668 | 41.51 1.44 0.00 | 38.15 1.22 0.00 | 36.48 1.13 0.00 | 36.20 1.15 0.00 | 38.19 1.22 0.00 | 41.64 1.37 0.00 | 57.79 1.79 0.00 | 69.30 2.21 0.00 | 57.74 1.74 0.00 | 53.85 1.62 0.00 | 53.13 1.55 0.00 | 52.03 1.61 0.00 | 51.82 1.65 0.00 | 52.77 1.74 0.00 | 53.90 1.67 0.00 | 57.34 1.83 0.00 | 69.35 2.09 0.00 | 90.23 2.97 0.00 | 80.31 2.34 0.00 | 68.64 2.07 0.00 | 62.96 1.83 0.00 | 57.68 1.74 0.00 | 52.27 1.47 0.00 | 49.26 1.34 0.00 |
| ATHENS_STG_2 23670 | 41.51 1.44 0.00 | 38.15 1.22 0.00 | 36.48 1.13 0.00 | 36.20 1.15 0.00 | 38.19 1.22 0.00 | 41.64 1.37 0.00 | 57.79 1.79 0.00 | 69.30 2.21 0.00 | 57.74 1.74 0.00 | 53.85 1.62 0.00 | 53.13 1.55 0.00 | 52.03 1.61 0.00 | 51.82 1.65 0.00 | 52.77 1.74 0.00 | 53.90 1.67 0.00 | 57.34 1.83 0.00 | 69.35 2.09 0.00 | 90.23 2.97 0.00 | 80.31 2.34 0.00 | 68.64 2.07 0.00 | 62.96 1.83 0.00 | 57.68 1.74 0.00 | 52.27 1.47 0.00 | 49.26 1.34 0.00 |
| ATHENS_STG_3 23677 | 41.51 1.44 0.00 | 38.15 1.22 0.00 | 36.48 1.13 0.00 | 36.20 1.15 0.00 | 38.19 1.22 0.00 | 41.64 1.37 0.00 | 57.79 1.79 0.00 | 69.30 2.21 0.00 | 57.74 1.74 0.00 | 53.85 1.62 0.00 | 53.13 1.55 0.00 | 52.03 1.61 0.00 | 51.82 1.65 0.00 | 52.77 1.74 0.00 | 53.90 1.67 0.00 | 57.34 1.83 0.00 | 69.35 2.09 0.00 | 90.23 2.97 0.00 | 80.31 2.34 0.00 | 68.64 2.07 0.00 | 62.96 1.83 0.00 | 57.68 1.74 0.00 | 52.27 1.47 0.00 | 49.26 1.34 0.00 |
| AUBURN___LFGE 323710 | 39.91 -0.16 0.00 | 36.90 -0.04 0.00 | 35.38 0.04 0.00 | 35.01 -0.04 0.00 | 36.90 -0.07 0.00 | 40.23 -0.04 0.00 | 56.17 0.17 0.00 | 67.43 0.34 -0.01 | 56.39 0.39 0.00 | 52.65 0.42 0.00 | 51.99 0.41 0.00 | 50.72 0.30 0.00 | 50.41 0.25 0.00 | 51.34 0.31 0.00 | 52.60 0.37 0.00 | 55.85 0.33 -0.01 | 67.67 0.40 -0.01 | 87.88 0.61 -0.01 | 78.60 0.62 0.00 | 67.11 0.53 0.00 | 61.44 0.31 0.00 | 56.11 0.17 0.00 | 51.05 0.25 0.00 | 48.21 0.29 0.00 |
| BABYLON_RES_REC 323704 | 43.99 3.93 0.00 | 39.85 2.92 0.00 | 38.03 2.69 0.00 | 37.70 2.66 0.00 | 40.08 3.11 0.00 | 43.85 3.58 0.00 | 59.70 3.70 0.00 | 70.78 3.69 0.00 | 59.69 3.70 0.00 | 56.25 4.02 0.00 | 56.59 5.00 -0.01 | 55.01 4.59 0.00 | 55.19 5.02 -0.01 | 56.00 4.95 -0.01 | 59.46 4.86 -2.37 | 60.97 5.44 -0.01 | 73.78 6.52 0.00 | 96.43 9.16 -0.01 | 85.63 7.65 -0.01 | 73.04 6.46 -0.01 | 66.88 5.74 -0.01 | 61.16 5.20 -0.02 | 58.06 4.52 -2.75 | 52.15 4.22 -0.02 |
| BALL_HILL_WT_PWR 323825 | 36.70 -3.37 0.00 | 34.39 -2.55 0.00 | 33.01 -2.33 0.00 | 32.59 -2.45 0.00 | 34.13 -2.85 0.00 | 36.97 -3.30 0.00 | 52.08 -3.92 0.00 | 60.84 -6.24 0.02 | 51.35 -4.65 0.00 | 48.15 -4.07 0.00 | 47.66 -3.92 0.00 | 46.13 -4.29 0.00 | 45.95 -4.21 0.00 | 46.90 -4.13 0.00 | 48.05 -4.18 0.00 | 50.61 -4.89 0.02 | 61.33 -5.92 0.02 | 79.92 -7.33 0.02 | 72.82 -5.15 0.00 | 61.12 -5.46 0.00 | 56.18 -4.95 0.00 | 51.80 -4.14 0.00 | 48.35 -2.44 0.00 | 46.48 -1.44 0.00 |
| BARON_WINDS___WT_PWR 323822 | 36.82 -3.24 0.00 | 34.42 -2.51 0.00 | 33.05 -2.30 0.00 | 32.62 -2.42 0.00 | 34.24 -2.74 0.00 | 37.21 -3.06 0.00 | 52.41 -3.59 0.00 | 61.49 -5.57 0.03 | 51.52 -4.48 0.00 | 48.10 -4.13 0.00 | 47.51 -4.08 0.00 | 46.13 -4.29 0.00 | 45.90 -4.26 0.00 | 46.95 -4.08 0.00 | 48.16 -4.07 0.00 | 50.93 -4.55 0.03 | 61.79 -5.45 0.03 | 80.78 -6.46 0.03 | 73.06 -4.91 0.00 | 61.91 -4.66 0.00 | 56.85 -4.28 0.00 | 52.31 -3.64 0.00 | 48.61 -2.18 0.00 | 46.63 -1.29 0.00 |
| BARRETT_IC_1 23704 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BARRETT_IC_10 23701 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BARRETT_IC_11 23702 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BARRETT_IC_12 23703 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BARRETT_IC_2 23705 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BARRETT_IC_3 23706 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BARRETT_IC_4 23707 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BARRETT_IC_5 23708 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |

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| BARRETT_IC_6 23709 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BARRETT_IC_7 23710 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.68 2.33 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.53 3.53 0.00 | 70.24 3.15 0.00 | 59.25 3.25 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.03 0.00 | 54.59 4.41 -0.01 | 55.18 4.13 -0.02 | 58.76 4.02 -2.51 | 60.03 4.50 -0.02 | 72.78 5.52 0.00 | 94.87 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.97 4.83 -0.01 | 60.10 4.14 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BARRETT_IC_8 23711 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BARRETT_IC_9 23700 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BARRETT___1 23545 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BARRETT___2 23546 | 43.59 3.53 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.75 2.77 0.00 | 43.45 3.18 0.00 | 59.13 3.13 0.00 | 70.24 3.15 0.00 | 59.08 3.08 0.00 | 55.73 3.50 0.00 | 55.92 4.33 -0.01 | 54.45 4.04 0.00 | 54.59 4.42 -0.01 | 55.23 4.19 -0.02 | 58.76 4.02 -2.51 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.85 4.71 -0.01 | 60.16 4.20 -0.02 | 57.30 3.61 -2.90 | 51.44 3.50 -0.02 |
| BATAVIA___115KV_TB1 55881 | 37.86 -2.20 0.00 | 35.50 -1.44 0.00 | 34.15 -1.20 0.00 | 33.64 -1.40 0.00 | 35.20 -1.77 0.00 | 38.05 -2.21 0.00 | 52.70 -3.30 0.00 | 62.92 -4.16 0.01 | 53.09 -2.91 0.00 | 49.88 -2.35 0.00 | 49.47 -2.11 0.00 | 47.90 -2.52 0.00 | 47.56 -2.61 0.00 | 48.48 -2.55 0.00 | 49.78 -2.45 0.00 | 52.28 -3.22 0.01 | 63.15 -4.10 0.01 | 81.67 -5.58 0.01 | 74.07 -3.90 0.00 | 63.04 -3.53 0.00 | 57.71 -3.42 0.00 | 53.15 -2.80 0.00 | 49.42 -1.37 0.00 | 47.34 -0.58 0.00 |
| BAYONEEC___CTG1 323682 | 42.91 2.84 0.00 | 39.30 2.37 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.88 2.62 0.00 | 59.53 3.53 0.00 | 71.52 4.43 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 55.04 3.46 0.00 | 53.96 3.53 -0.01 | 53.79 3.61 -0.01 | 54.76 3.72 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.43 4.17 0.00 | 93.20 5.94 0.00 | 82.49 4.52 0.00 | 70.50 3.93 0.00 | 64.68 3.54 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.51 2.59 0.00 |
| BAYONEEC___CTG10 323750 | 42.91 2.84 0.00 | 39.30 2.37 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.88 2.62 0.00 | 59.53 3.53 0.00 | 71.52 4.43 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 55.04 3.46 0.00 | 53.96 3.53 -0.01 | 53.79 3.61 -0.01 | 54.76 3.72 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.43 4.17 0.00 | 93.20 5.94 0.00 | 82.49 4.52 0.00 | 70.50 3.93 0.00 | 64.68 3.54 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.51 2.59 0.00 |
| BAYONEEC___CTG2 323683 | 42.91 2.84 0.00 | 39.30 2.37 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.88 2.62 0.00 | 59.53 3.53 0.00 | 71.52 4.43 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 55.04 3.46 0.00 | 53.96 3.53 -0.01 | 53.79 3.61 -0.01 | 54.76 3.72 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.43 4.17 0.00 | 93.20 5.94 0.00 | 82.49 4.52 0.00 | 70.50 3.93 0.00 | 64.68 3.54 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.51 2.59 0.00 |
| BAYONEEC___CTG3 323684 | 42.91 2.84 0.00 | 39.30 2.37 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.88 2.62 0.00 | 59.53 3.53 0.00 | 71.52 4.43 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 55.04 3.46 0.00 | 53.96 3.53 -0.01 | 53.79 3.61 -0.01 | 54.76 3.72 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.43 4.17 0.00 | 93.20 5.94 0.00 | 82.49 4.52 0.00 | 70.50 3.93 0.00 | 64.68 3.54 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.51 2.59 0.00 |
| BAYONEEC___CTG4 323685 | 42.91 2.84 0.00 | 39.30 2.37 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.88 2.62 0.00 | 59.53 3.53 0.00 | 71.52 4.43 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 55.04 3.46 0.00 | 53.96 3.53 -0.01 | 53.79 3.61 -0.01 | 54.76 3.72 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.43 4.17 0.00 | 93.20 5.94 0.00 | 82.49 4.52 0.00 | 70.50 3.93 0.00 | 64.68 3.54 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.51 2.59 0.00 |
| BAYONEEC___CTG5 323686 | 42.91 2.84 0.00 | 39.30 2.37 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.88 2.62 0.00 | 59.53 3.53 0.00 | 71.52 4.43 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 55.04 3.46 0.00 | 53.96 3.53 -0.01 | 53.79 3.61 -0.01 | 54.76 3.72 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.43 4.17 0.00 | 93.20 5.94 0.00 | 82.49 4.52 0.00 | 70.50 3.93 0.00 | 64.68 3.54 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.51 2.59 0.00 |
| BAYONEEC___CTG6 323687 | 42.91 2.84 0.00 | 39.30 2.37 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.88 2.62 0.00 | 59.53 3.53 0.00 | 71.52 4.43 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 55.04 3.46 0.00 | 53.96 3.53 -0.01 | 53.79 3.61 -0.01 | 54.76 3.72 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.43 4.17 0.00 | 93.20 5.94 0.00 | 82.49 4.52 0.00 | 70.50 3.93 0.00 | 64.68 3.54 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.51 2.59 0.00 |
| BAYONEEC___CTG7 323688 | 42.91 2.84 0.00 | 39.30 2.37 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.88 2.62 0.00 | 59.53 3.53 0.00 | 71.52 4.43 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 55.04 3.46 0.00 | 53.96 3.53 -0.01 | 53.79 3.61 -0.01 | 54.76 3.72 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.43 4.17 0.00 | 93.20 5.94 0.00 | 82.49 4.52 0.00 | 70.50 3.93 0.00 | 64.68 3.54 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.51 2.59 0.00 |

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| BAYONEEC___CTG8 323689 | 42.91 2.84 0.00 | 39.30 2.37 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.88 2.62 0.00 | 59.53 3.53 0.00 | 71.52 4.43 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 55.04 3.46 0.00 | 53.96 3.53 -0.01 | 53.79 3.61 -0.01 | 54.76 3.72 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.43 4.17 0.00 | 93.20 5.94 0.00 | 82.49 4.52 0.00 | 70.50 3.93 0.00 | 64.68 3.54 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.51 2.59 0.00 |
| BAYONEEC___CTG9 323749 | 42.91 2.84 0.00 | 39.30 2.37 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.88 2.62 0.00 | 59.53 3.53 0.00 | 71.52 4.43 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 55.04 3.46 0.00 | 53.96 3.53 -0.01 | 53.79 3.61 -0.01 | 54.76 3.72 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.43 4.17 0.00 | 93.20 5.94 0.00 | 82.49 4.52 0.00 | 70.50 3.93 0.00 | 64.68 3.54 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.51 2.59 0.00 |
| BEACON___LESR 323632 | 41.39 1.32 0.00 | 38.12 1.18 0.00 | 36.48 1.13 0.00 | 36.13 1.09 0.00 | 38.12 1.15 0.00 | 41.52 1.25 0.00 | 57.34 1.34 0.00 | 68.83 1.74 0.00 | 57.18 1.18 0.00 | 53.22 0.99 0.00 | 52.51 0.93 0.00 | 51.38 0.96 0.00 | 51.11 0.95 0.00 | 52.00 0.97 0.00 | 53.33 1.10 0.00 | 56.79 1.28 0.00 | 68.87 1.61 0.00 | 89.62 2.36 0.00 | 79.84 1.87 0.00 | 68.17 1.60 0.00 | 62.66 1.53 0.00 | 57.28 1.34 0.00 | 51.81 1.02 0.00 | 49.02 1.10 0.00 |
| BEAVER RIVER___HYD 24048 | 40.07 0.00 0.00 | 36.97 0.04 0.00 | 35.31 -0.04 0.00 | 34.97 -0.07 0.00 | 37.01 0.04 0.00 | 40.39 0.12 0.00 | 56.34 0.34 0.00 | 67.90 0.81 0.00 | 56.56 0.56 0.00 | 52.80 0.58 0.00 | 52.20 0.62 0.00 | 50.98 0.56 0.00 | 50.67 0.50 0.00 | 51.44 0.41 0.00 | 52.70 0.47 0.00 | 55.79 0.28 0.00 | 67.53 0.27 0.00 | 87.79 0.53 0.00 | 78.91 0.94 0.00 | 67.44 0.86 0.00 | 62.11 0.98 0.00 | 56.84 0.89 0.00 | 51.60 0.81 0.00 | 48.45 0.53 0.00 |
| BEEBEE_GT_13 23619 | 38.42 -1.64 0.00 | 35.83 -1.11 0.00 | 34.39 -0.95 0.00 | 33.96 -1.09 0.00 | 35.61 -1.37 0.00 | 38.78 -1.49 0.00 | 53.82 -2.18 0.00 | 64.40 -2.68 0.01 | 54.21 -1.79 0.00 | 50.92 -1.31 0.00 | 50.55 -1.03 0.00 | 49.11 -1.31 0.00 | 48.76 -1.40 0.00 | 49.66 -1.38 0.00 | 50.93 -1.31 0.00 | 53.62 -1.89 0.01 | 64.76 -2.49 0.01 | 83.51 -3.75 0.01 | 75.48 -2.50 0.00 | 64.24 -2.33 0.00 | 58.93 -2.20 0.00 | 54.04 -1.90 0.00 | 49.83 -0.97 0.00 | 47.44 -0.48 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 43.40 3.33 -0.01 | 39.75 2.81 -0.01 | 37.90 2.55 -0.01 | 37.61 2.56 -0.01 | 39.87 2.88 -0.01 | 43.33 3.06 0.00 | 59.92 3.92 0.00 | 71.38 4.29 0.00 | 59.47 3.47 0.00 | 55.88 3.66 0.00 | 55.24 3.66 0.00 | 54.30 3.88 0.00 | 54.08 3.91 0.00 | 55.07 4.03 0.00 | 55.89 3.66 0.00 | 59.23 3.72 0.00 | 71.49 4.24 0.01 | 93.37 6.11 0.01 | 82.64 4.68 0.01 | 70.56 3.99 0.01 | 64.73 3.61 0.01 | 59.47 3.52 0.00 | 54.30 3.50 0.00 | 50.99 3.07 0.00 |
| BETHLEHEM___GRP 23843 | 40.87 0.80 0.00 | 37.64 0.70 0.00 | 36.02 0.67 0.00 | 35.67 0.63 0.00 | 37.64 0.67 0.00 | 40.91 0.64 0.00 | 56.45 0.45 0.00 | 67.63 0.54 0.00 | 56.28 0.28 0.00 | 52.38 0.16 0.00 | 51.69 0.10 0.00 | 50.62 0.20 0.00 | 50.41 0.25 0.00 | 51.34 0.31 0.00 | 52.55 0.31 0.00 | 55.90 0.39 0.00 | 67.73 0.47 0.00 | 88.05 0.79 0.00 | 78.52 0.55 0.00 | 66.97 0.40 0.00 | 61.62 0.49 0.00 | 56.33 0.39 0.00 | 50.94 0.15 0.00 | 48.25 0.34 0.00 |
| BETHLEHEM___GS1 323560 | 40.87 0.80 0.00 | 37.64 0.70 0.00 | 36.02 0.67 0.00 | 35.67 0.63 0.00 | 37.64 0.67 0.00 | 40.91 0.64 0.00 | 56.34 0.34 0.00 | 67.62 0.53 0.00 | 56.28 0.28 0.00 | 52.38 0.16 0.00 | 51.69 0.10 0.00 | 50.62 0.20 0.00 | 50.42 0.25 0.00 | 51.29 0.26 0.00 | 52.55 0.32 0.00 | 55.91 0.39 0.00 | 67.73 0.47 0.00 | 88.05 0.78 0.00 | 78.44 0.47 0.00 | 66.98 0.40 0.00 | 61.56 0.43 0.00 | 56.28 0.34 0.00 | 50.94 0.15 0.00 | 48.26 0.34 0.00 |
| BETHLEHEM___GS2 323561 | 40.87 0.80 0.00 | 37.64 0.70 0.00 | 36.02 0.67 0.00 | 35.67 0.63 0.00 | 37.64 0.67 0.00 | 40.91 0.64 0.00 | 56.34 0.34 0.00 | 67.62 0.53 0.00 | 56.28 0.28 0.00 | 52.38 0.16 0.00 | 51.69 0.10 0.00 | 50.62 0.20 0.00 | 50.42 0.25 0.00 | 51.29 0.26 0.00 | 52.55 0.32 0.00 | 55.91 0.39 0.00 | 67.73 0.47 0.00 | 88.05 0.78 0.00 | 78.44 0.47 0.00 | 66.98 0.40 0.00 | 61.56 0.43 0.00 | 56.28 0.34 0.00 | 50.94 0.15 0.00 | 48.26 0.34 0.00 |
| BETHLEHEM___GS3 323562 | 40.87 0.80 0.00 | 37.64 0.70 0.00 | 36.02 0.67 0.00 | 35.67 0.63 0.00 | 37.64 0.67 0.00 | 40.91 0.64 0.00 | 56.34 0.34 0.00 | 67.62 0.53 0.00 | 56.28 0.28 0.00 | 52.38 0.16 0.00 | 51.69 0.10 0.00 | 50.62 0.20 0.00 | 50.42 0.25 0.00 | 51.29 0.26 0.00 | 52.55 0.32 0.00 | 55.91 0.39 0.00 | 67.73 0.47 0.00 | 88.05 0.78 0.00 | 78.44 0.47 0.00 | 66.98 0.40 0.00 | 61.56 0.43 0.00 | 56.28 0.34 0.00 | 50.94 0.15 0.00 | 48.26 0.34 0.00 |
| BETHLEHEM___STEEL 23779 | 36.78 -3.29 0.00 | 34.50 -2.44 0.00 | 33.26 -2.09 0.00 | 32.69 -2.35 0.00 | 34.20 -2.77 0.00 | 37.01 -3.26 0.00 | 51.13 -4.87 0.00 | 60.83 -6.24 0.02 | 51.35 -4.65 0.00 | 48.26 -3.97 0.00 | 47.82 -3.77 0.00 | 46.29 -4.13 0.00 | 46.10 -4.06 0.00 | 47.05 -3.98 0.00 | 48.21 -4.02 0.00 | 50.84 -4.66 0.02 | 61.39 -5.85 0.02 | 79.74 -7.50 0.02 | 71.74 -6.24 0.00 | 61.11 -5.46 0.00 | 55.88 -5.26 0.00 | 51.64 -4.31 0.00 | 48.25 -2.54 0.00 | 46.48 -1.44 0.00 |
| BETHLHEM_115KV_TB1 79974 | 40.91 0.84 0.00 | 37.71 0.78 0.00 | 36.05 0.71 0.00 | 35.74 0.70 0.00 | 37.71 0.74 0.00 | 40.99 0.72 0.00 | 56.62 0.62 0.00 | 67.83 0.74 0.00 | 56.45 0.45 0.00 | 52.59 0.37 0.00 | 51.84 0.26 0.00 | 50.77 0.35 0.00 | 50.57 0.40 0.00 | 51.49 0.46 0.00 | 52.70 0.47 0.00 | 56.07 0.56 0.00 | 67.93 0.67 0.00 | 88.31 1.05 0.00 | 78.75 0.78 0.00 | 67.17 0.60 0.00 | 61.74 0.61 0.00 | 56.50 0.56 0.00 | 51.10 0.30 0.00 | 48.35 0.43 0.00 |
| BETHPAGE_CC_5 323564 | 43.83 3.77 0.00 | 39.74 2.81 0.00 | 37.93 2.58 0.00 | 37.60 2.56 0.00 | 39.93 2.96 0.00 | 43.65 3.38 0.00 | 59.47 3.47 0.00 | 70.57 3.49 0.00 | 59.47 3.47 0.00 | 56.04 3.81 0.00 | 56.28 4.69 -0.01 | 54.76 4.34 0.00 | 54.94 4.77 -0.01 | 55.74 4.69 -0.01 | 59.10 4.54 -2.32 | 60.63 5.10 -0.01 | 73.38 6.12 0.00 | 95.83 8.56 -0.01 | 85.08 7.09 -0.01 | 72.57 5.99 -0.01 | 66.52 5.38 -0.01 | 60.77 4.81 -0.01 | 57.59 4.11 -2.69 | 51.87 3.93 -0.02 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 36.74 -3.33 0.00 | 34.46 -2.47 0.00 | 33.23 -2.12 0.00 | 32.66 -2.38 0.00 | 34.20 -2.77 0.00 | 37.01 -3.26 0.00 | 51.18 -4.82 0.00 | 60.90 -6.17 0.02 | 51.35 -4.65 0.00 | 48.31 -3.92 0.00 | 47.82 -3.77 0.00 | 46.29 -4.13 0.00 | 46.10 -4.06 0.00 | 47.10 -3.93 0.00 | 48.26 -3.97 0.00 | 50.95 -4.55 0.02 | 61.53 -5.72 0.02 | 80.09 -7.16 0.02 | 71.81 -6.16 0.00 | 61.18 -5.39 0.00 | 55.94 -5.20 0.00 | 51.75 -4.20 0.00 | 48.30 -2.49 0.00 | 46.53 -1.39 0.00 |
| BINGHAMTON___COGEN 23790 | 40.11 0.04 0.00 | 37.08 0.15 0.00 | 35.56 0.21 0.00 | 35.18 0.14 0.00 | 37.09 0.11 0.00 | 40.39 0.12 0.00 | 56.34 0.34 0.00 | 67.89 0.81 0.00 | 56.73 0.73 0.00 | 52.96 0.73 0.00 | 52.30 0.72 0.00 | 51.02 0.61 0.00 | 50.77 0.60 0.00 | 51.70 0.66 0.00 | 52.91 0.68 0.00 | 56.24 0.72 0.00 | 68.20 0.94 0.00 | 88.49 1.22 0.00 | 78.91 0.94 0.00 | 67.37 0.80 0.00 | 61.80 0.67 0.00 | 56.50 0.56 0.00 | 51.45 0.66 0.00 | 48.59 0.67 0.00 |

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| BIXINCNT_115KV_LOAD 355685 | 35.46 -4.61 0.00 | 33.24 -3.69 0.00 | 32.02 -3.32 0.00 | 31.47 -3.57 0.00 | 33.09 -3.88 0.00 | 35.88 -4.39 0.00 | 49.84 -6.16 0.00 | 59.56 -7.51 0.02 | 50.18 -5.82 0.00 | 46.85 -5.38 0.00 | 46.37 -5.21 0.00 | 44.77 -5.65 0.00 | 44.60 -5.57 0.00 | 45.68 -5.36 0.00 | 46.96 -5.28 0.00 | 49.61 -5.88 0.02 | 60.38 -6.86 0.02 | 79.04 -8.20 0.02 | 70.33 -7.64 0.00 | 59.92 -6.66 0.00 | 54.96 -6.17 0.00 | 51.19 -4.76 0.00 | 48.00 -2.79 0.00 | 46.34 -1.58 0.00 |
| BLACK RIVER___HYD 24047 | 40.27 0.20 0.00 | 37.20 0.26 0.00 | 35.53 0.18 0.00 | 35.15 0.11 0.00 | 37.20 0.22 0.00 | 40.59 0.32 0.00 | 56.84 0.84 0.00 | 68.56 1.47 0.00 | 57.06 1.06 0.00 | 53.38 1.15 0.00 | 52.67 1.08 0.00 | 51.38 0.96 0.00 | 51.11 0.95 0.00 | 51.85 0.81 0.00 | 53.17 0.94 0.00 | 56.18 0.67 0.00 | 68.27 1.01 0.00 | 88.84 1.57 0.00 | 80.08 2.11 0.00 | 68.37 1.80 0.00 | 62.72 1.59 0.00 | 57.28 1.34 0.00 | 52.01 1.22 0.00 | 48.73 0.81 0.00 |
| BLACKRVR_115KV_TB2 79977 | 40.27 0.20 0.00 | 37.19 0.26 0.00 | 35.52 0.18 0.00 | 35.15 0.11 0.00 | 37.20 0.22 0.00 | 40.59 0.32 0.00 | 56.73 0.73 0.00 | 68.56 1.48 0.00 | 57.06 1.06 0.00 | 53.38 1.15 0.00 | 52.67 1.08 0.00 | 51.38 0.96 0.00 | 51.12 0.95 0.00 | 51.85 0.82 0.00 | 53.17 0.94 0.00 | 56.18 0.67 0.00 | 68.20 0.94 0.00 | 88.84 1.57 0.00 | 80.00 2.03 0.00 | 68.37 1.80 0.00 | 62.72 1.59 0.00 | 57.29 1.34 0.00 | 51.96 1.17 0.00 | 48.73 0.81 0.00 |
| BLDWN_LI_69_KV_BK4 356085 | 43.83 3.77 0.00 | 39.78 2.84 0.00 | 37.86 2.51 0.00 | 37.64 2.59 0.00 | 39.93 2.96 0.00 | 43.69 3.42 0.00 | 59.98 3.98 0.00 | 70.78 3.69 0.00 | 59.70 3.70 0.00 | 56.04 3.81 0.00 | 56.28 4.69 -0.01 | 54.81 4.39 0.00 | 54.94 4.77 -0.01 | 55.64 4.59 -0.01 | 58.97 4.49 -2.24 | 60.58 5.05 -0.01 | 73.58 6.32 0.00 | 96.00 8.73 -0.01 | 85.15 7.17 -0.01 | 72.70 6.12 -0.01 | 66.70 5.56 -0.01 | 60.77 4.81 -0.01 | 57.50 4.11 -2.60 | 51.82 3.88 -0.02 |
| BLISS_WT_PWR 323608 | 35.10 -4.97 0.00 | 32.87 -4.06 0.00 | 31.53 -3.82 0.00 | 31.08 -3.96 0.00 | 32.72 -4.25 0.00 | 35.48 -4.79 0.00 | 50.17 -5.83 0.00 | 59.02 -8.05 0.02 | 49.84 -6.16 0.00 | 46.38 -5.85 0.00 | 45.96 -5.62 0.00 | 44.32 -6.10 0.00 | 44.14 -6.02 0.00 | 45.27 -5.77 0.00 | 46.49 -5.75 0.00 | 49.17 -6.33 0.02 | 59.51 -7.73 0.02 | 78.35 -8.90 0.02 | 70.72 -7.25 0.00 | 59.51 -7.06 0.00 | 54.90 -6.24 0.00 | 51.08 -4.87 0.00 | 47.90 -2.89 0.00 | 46.20 -1.72 0.00 |
| BLUESTONE___WT_PWR 323821 | 41.15 1.08 0.00 | 38.01 1.07 0.00 | 36.34 0.99 0.00 | 35.92 0.88 0.00 | 37.97 1.00 0.00 | 41.44 1.17 0.00 | 58.91 2.91 0.00 | 70.92 3.82 -0.01 | 59.08 3.08 0.00 | 55.10 2.87 0.00 | 54.31 2.73 0.00 | 53.14 2.72 0.00 | 52.92 2.76 0.00 | 53.84 2.80 0.00 | 55.16 2.92 0.00 | 58.85 3.33 -0.01 | 71.57 4.31 -0.01 | 93.99 6.72 -0.01 | 83.43 5.46 0.00 | 71.10 4.53 0.00 | 65.10 3.97 0.00 | 58.52 2.57 0.00 | 53.23 2.44 0.00 | 50.12 2.21 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 41.35 1.28 0.00 | 38.08 1.15 0.00 | 36.41 1.06 0.00 | 36.09 1.05 0.00 | 38.08 1.11 0.00 | 41.48 1.21 0.00 | 57.46 1.46 0.00 | 68.77 1.68 0.00 | 57.29 1.29 0.00 | 53.27 1.04 0.00 | 52.46 0.88 0.00 | 51.28 0.86 0.00 | 51.07 0.90 0.00 | 52.00 0.97 0.00 | 53.33 1.10 0.00 | 56.85 1.33 0.00 | 68.94 1.68 0.00 | 89.71 2.44 0.00 | 80.00 2.03 0.00 | 68.30 1.73 0.00 | 62.78 1.65 0.00 | 57.45 1.51 0.00 | 52.01 1.22 0.00 | 49.17 1.25 0.00 |
| BOC_GAS_DRP 24189 | 41.03 0.96 0.00 | 37.79 0.85 0.00 | 36.13 0.78 0.00 | 35.81 0.77 0.00 | 37.83 0.85 0.00 | 41.15 0.89 0.00 | 57.06 1.06 0.00 | 68.36 1.27 0.00 | 56.95 0.95 0.00 | 53.06 0.84 0.00 | 52.36 0.77 0.00 | 51.23 0.81 0.00 | 51.02 0.85 0.00 | 51.95 0.92 0.00 | 53.12 0.89 0.00 | 56.51 1.00 0.00 | 68.47 1.21 0.00 | 88.92 1.66 0.00 | 79.30 1.33 0.00 | 67.70 1.13 0.00 | 62.23 1.10 0.00 | 56.89 0.95 0.00 | 51.55 0.76 0.00 | 48.69 0.77 0.00 |
| BOONVILLE_115KV_TB1 79983 | 40.71 0.64 0.00 | 37.56 0.63 0.00 | 35.91 0.57 0.00 | 35.57 0.53 0.00 | 37.60 0.63 0.00 | 40.99 0.72 0.00 | 57.23 1.23 0.00 | 68.90 1.81 0.00 | 57.46 1.46 0.00 | 53.59 1.36 0.00 | 52.92 1.34 0.00 | 51.73 1.31 0.00 | 51.47 1.30 0.00 | 52.31 1.28 0.00 | 53.59 1.36 0.00 | 56.90 1.39 0.00 | 68.94 1.68 0.00 | 89.53 2.27 0.00 | 80.23 2.26 0.00 | 68.44 1.86 0.00 | 62.84 1.71 0.00 | 57.45 1.51 0.00 | 52.11 1.32 0.00 | 49.02 1.10 0.00 |
| BORALEX_4TH_BRANCH 23824 | 42.23 2.16 0.00 | 38.82 1.88 0.00 | 37.15 1.80 0.00 | 36.83 1.79 0.00 | 38.86 1.89 0.00 | 42.40 2.13 0.00 | 58.86 2.86 0.00 | 70.51 3.42 0.00 | 58.69 2.69 0.00 | 54.63 2.40 0.00 | 53.65 2.06 0.00 | 52.49 2.07 0.00 | 52.22 2.06 0.00 | 53.23 2.19 0.00 | 54.74 2.51 0.00 | 58.23 2.72 0.00 | 70.62 3.36 0.00 | 91.80 4.54 0.00 | 81.87 3.90 0.00 | 69.84 3.26 0.00 | 64.19 3.06 0.00 | 58.68 2.74 0.00 | 53.08 2.29 0.00 | 49.98 2.06 0.00 |
| BOWLINE___1 23526 | 42.43 2.36 0.00 | 38.89 1.96 0.00 | 37.18 1.84 0.00 | 36.90 1.86 0.00 | 38.97 2.00 0.00 | 42.52 2.25 0.00 | 59.08 3.08 0.00 | 70.78 3.69 0.00 | 58.74 2.74 0.00 | 54.79 2.56 0.00 | 54.16 2.58 0.00 | 53.14 2.72 0.00 | 52.92 2.76 0.00 | 53.94 2.91 0.00 | 54.84 2.61 0.00 | 58.34 2.83 0.00 | 70.62 3.36 0.00 | 92.06 4.80 0.00 | 81.72 3.74 0.00 | 69.77 3.20 0.00 | 64.01 2.87 0.00 | 58.63 2.69 0.00 | 53.13 2.34 0.00 | 50.03 2.11 0.00 |
| BOWLINE___2 23595 | 42.43 2.36 0.00 | 38.89 1.96 0.00 | 37.18 1.84 0.00 | 36.90 1.86 0.00 | 38.97 2.00 0.00 | 42.52 2.25 0.00 | 59.02 3.02 0.00 | 70.78 3.69 0.00 | 58.80 2.80 0.00 | 54.89 2.66 0.00 | 54.26 2.68 0.00 | 53.19 2.77 0.00 | 52.97 2.81 0.00 | 53.99 2.96 0.00 | 54.95 2.71 0.00 | 58.45 2.94 0.00 | 70.69 3.43 0.00 | 92.24 4.97 0.00 | 81.87 3.90 0.00 | 69.90 3.33 0.00 | 64.07 2.93 0.00 | 58.68 2.74 0.00 | 53.18 2.39 0.00 | 50.08 2.16 0.00 |
| BRADY___115KV_TB2 356060 | 40.31 0.24 0.00 | 37.12 0.18 0.00 | 35.49 0.14 0.00 | 35.25 0.21 0.00 | 37.23 0.26 0.00 | 40.59 0.32 0.00 | 56.67 0.67 0.00 | 67.83 0.74 0.00 | 56.56 0.56 0.00 | 52.49 0.26 0.00 | 51.84 0.26 0.00 | 50.77 0.35 0.00 | 50.41 0.25 0.00 | 51.08 0.05 0.00 | 52.34 0.10 0.00 | 55.51 0.00 0.00 | 67.53 0.27 0.00 | 87.70 0.44 0.00 | 78.67 0.70 0.00 | 67.37 0.80 0.00 | 62.11 0.98 0.00 | 56.95 1.01 0.00 | 51.76 0.97 0.00 | 48.69 0.77 0.00 |
| BRANSCOMB___SOLAR 323811 | 42.31 2.24 0.00 | 38.93 1.99 0.00 | 37.26 1.91 0.00 | 36.90 1.86 0.00 | 38.97 2.00 0.00 | 42.56 2.29 0.00 | 59.19 3.19 0.00 | 70.98 3.89 0.00 | 58.97 2.97 0.00 | 54.79 2.56 0.00 | 53.91 2.32 0.00 | 52.64 2.22 0.00 | 52.32 2.16 0.00 | 53.23 2.19 0.00 | 54.69 2.46 0.00 | 58.29 2.77 0.00 | 70.82 3.56 0.00 | 92.24 4.97 0.00 | 82.26 4.29 0.00 | 70.17 3.59 0.00 | 64.62 3.48 0.00 | 59.02 3.07 0.00 | 53.38 2.59 0.00 | 50.36 2.44 0.00 |
| BRDGHMPT_69_KV_BK1 55812 | 44.19 4.13 0.00 | 39.96 3.03 0.00 | 38.03 2.69 0.00 | 37.81 2.77 0.00 | 40.23 3.25 0.00 | 44.01 3.74 0.00 | 60.03 4.03 0.00 | 70.38 3.29 0.00 | 59.81 3.81 0.00 | 56.25 4.02 0.00 | 56.85 5.26 -0.01 | 55.01 4.59 0.00 | 55.34 5.17 -0.01 | 56.36 5.31 -0.02 | 60.08 5.38 -2.46 | 61.52 6.00 -0.02 | 74.59 7.33 0.00 | 97.31 10.04 -0.01 | 86.32 8.34 -0.01 | 73.64 7.06 -0.01 | 67.56 6.42 -0.01 | 61.70 5.71 -0.06 | 58.47 4.83 -2.86 | 52.63 4.70 -0.02 |

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| BRENTWOD_69_KV_W. BRTWOOD 56703 | 44.39 4.33 0.00 | 40.19 3.25 0.00 | 38.25 2.90 0.00 | 38.02 2.98 0.00 | 40.41 3.44 0.00 | 44.21 3.95 0.00 | 60.59 4.59 0.00 | 71.25 4.16 0.00 | 60.37 4.37 0.00 | 56.77 4.54 0.00 | 57.21 5.62 -0.01 | 55.51 5.09 0.00 | 55.79 5.62 -0.01 | 56.66 5.61 -0.02 | 60.32 5.64 -2.44 | 61.69 6.16 -0.02 | 74.66 7.40 0.00 | 97.48 10.21 -0.01 | 86.48 8.50 -0.01 | 73.84 7.26 -0.01 | 67.74 6.60 -0.01 | 61.61 5.65 -0.02 | 58.85 5.23 -2.83 | 52.73 4.79 -0.02 |
| BRISTLHL_115KV_TB1 79998 | 39.22 -0.84 0.00 | 36.27 -0.66 0.00 | 34.78 -0.57 0.00 | 34.41 -0.63 0.00 | 36.31 -0.67 0.00 | 39.50 -0.77 0.00 | 54.94 -1.06 0.00 | 66.02 -1.07 0.00 | 55.16 -0.84 0.00 | 51.50 -0.73 0.00 | 50.86 -0.72 0.00 | 49.61 -0.81 0.00 | 49.36 -0.80 0.00 | 50.22 -0.82 0.00 | 51.45 -0.78 0.00 | 54.68 -0.83 0.00 | 66.18 -1.08 0.00 | 85.78 -1.48 0.00 | 76.73 -1.25 0.00 | 65.51 -1.07 0.00 | 60.03 -1.10 0.00 | 54.82 -1.12 0.00 | 49.88 -0.91 0.00 | 47.06 -0.86 0.00 |
| BROOKHAVEN___DRP 24191 | 43.99 3.93 0.00 | 39.82 2.88 0.00 | 37.89 2.55 0.00 | 37.67 2.63 0.00 | 40.04 3.07 0.00 | 43.81 3.54 0.00 | 59.86 3.86 0.00 | 70.24 3.15 0.00 | 59.64 3.64 0.00 | 56.14 3.92 0.00 | 56.59 5.00 -0.01 | 54.86 4.44 0.00 | 55.14 4.97 -0.01 | 56.05 5.00 -0.02 | 59.66 4.96 -2.46 | 61.08 5.55 -0.02 | 73.85 6.59 0.00 | 96.44 9.16 -0.01 | 85.62 7.64 -0.01 | 73.04 6.46 -0.01 | 67.07 5.93 -0.01 | 61.31 5.31 -0.06 | 58.27 4.62 -2.86 | 52.25 4.31 -0.02 |
| BROOKLYN_NAVY_YARD 23515 | 42.83 2.76 0.00 | 39.23 2.29 0.00 | 37.43 2.08 0.00 | 37.14 2.10 0.00 | 39.27 2.29 0.00 | 42.85 2.58 0.00 | 59.53 3.53 0.00 | 71.45 4.36 0.00 | 59.47 3.47 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.01 3.58 -0.01 | 53.79 3.61 -0.01 | 54.81 3.78 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.43 4.17 0.00 | 93.20 5.94 0.00 | 82.57 4.60 0.00 | 70.50 3.93 0.00 | 64.68 3.54 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.46 2.54 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| BROOME_2_LFGE 323671 | 40.15 0.08 0.00 | 37.08 0.15 0.00 | 35.53 0.18 0.00 | 35.18 0.14 0.00 | 37.09 0.11 0.00 | 40.39 0.12 0.00 | 56.45 0.45 0.00 | 67.90 0.81 0.00 | 56.73 0.73 0.00 | 52.96 0.73 0.00 | 52.30 0.72 0.00 | 51.03 0.61 0.00 | 50.77 0.60 0.00 | 51.70 0.66 0.00 | 52.91 0.68 0.00 | 56.23 0.72 0.00 | 68.13 0.87 0.00 | 88.49 1.22 0.00 | 79.06 1.09 0.00 | 67.37 0.80 0.00 | 61.81 0.67 0.00 | 56.50 0.56 0.00 | 51.45 0.66 0.00 | 48.59 0.67 0.00 |
| BROOME___LFGE 323600 | 40.15 0.08 0.00 | 37.08 0.15 0.00 | 35.53 0.18 0.00 | 35.18 0.14 0.00 | 37.09 0.11 0.00 | 40.39 0.12 0.00 | 56.45 0.45 0.00 | 67.90 0.81 0.00 | 56.73 0.73 0.00 | 52.96 0.73 0.00 | 52.30 0.72 0.00 | 51.03 0.61 0.00 | 50.77 0.60 0.00 | 51.70 0.66 0.00 | 52.91 0.68 0.00 | 56.23 0.72 0.00 | 68.13 0.87 0.00 | 88.49 1.22 0.00 | 79.06 1.09 0.00 | 67.37 0.80 0.00 | 61.81 0.67 0.00 | 56.50 0.56 0.00 | 51.45 0.66 0.00 | 48.59 0.67 0.00 |
| BROWNFLS_115KV_TB 3_5 80003 | 39.79 -0.28 0.00 | 36.68 -0.26 0.00 | 35.03 -0.32 0.00 | 34.76 -0.28 0.00 | 36.75 -0.22 0.00 | 40.07 -0.20 0.00 | 55.72 -0.28 0.00 | 67.02 -0.07 0.00 | 56.00 0.00 0.00 | 52.12 -0.10 0.00 | 51.69 0.10 0.00 | 50.52 0.10 0.00 | 50.21 0.05 0.00 | 50.93 -0.10 0.00 | 52.08 -0.16 0.00 | 55.07 -0.44 0.00 | 66.59 -0.67 0.00 | 86.31 -0.96 0.00 | 77.51 -0.47 0.00 | 66.37 -0.20 0.00 | 61.19 0.06 0.00 | 56.33 0.39 0.00 | 51.20 0.41 0.00 | 48.11 0.19 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 43.19 3.13 0.00 | 39.56 2.62 0.00 | 37.68 2.33 0.00 | 37.42 2.38 0.00 | 39.56 2.59 0.00 | 43.17 2.90 0.00 | 60.26 4.26 0.00 | 72.05 4.96 0.00 | 59.98 3.98 0.00 | 56.04 3.81 0.00 | 55.45 3.87 0.00 | 54.35 3.93 0.00 | 54.18 4.01 0.00 | 55.17 4.13 0.00 | 56.10 3.87 0.00 | 59.62 4.11 0.00 | 72.10 4.84 0.00 | 94.07 6.81 0.00 | 83.28 5.30 0.00 | 71.17 4.59 0.00 | 65.29 4.16 0.00 | 59.80 3.86 0.00 | 54.14 3.35 0.00 | 50.89 2.97 0.00 |
| BURROWS___LYONSDAL 23803 | 40.51 0.44 0.00 | 37.38 0.44 0.00 | 35.74 0.39 0.00 | 35.39 0.35 0.00 | 37.46 0.48 0.00 | 40.83 0.56 0.00 | 56.95 0.95 0.00 | 68.63 1.54 0.00 | 57.18 1.18 0.00 | 53.38 1.15 0.00 | 52.72 1.13 0.00 | 51.48 1.06 0.00 | 51.22 1.05 0.00 | 52.05 1.02 0.00 | 53.33 1.10 0.00 | 56.57 1.05 0.00 | 68.61 1.35 0.00 | 89.10 1.83 0.00 | 79.84 1.87 0.00 | 68.17 1.60 0.00 | 62.60 1.47 0.00 | 57.23 1.29 0.00 | 51.96 1.17 0.00 | 48.83 0.91 0.00 |
| CAITHNESS_CC_1 323624 | 43.87 3.81 0.00 | 39.74 2.81 0.00 | 37.89 2.55 0.00 | 37.57 2.52 0.00 | 39.93 2.96 0.00 | 43.69 3.42 0.00 | 59.30 3.30 0.00 | 70.04 2.95 0.00 | 59.30 3.30 0.00 | 56.04 3.81 0.00 | 56.49 4.90 -0.01 | 54.76 4.34 0.00 | 55.04 4.86 -0.01 | 55.95 4.90 -0.02 | 59.50 4.80 -2.47 | 60.86 5.33 -0.02 | 73.52 6.26 0.00 | 96.00 8.73 -0.01 | 85.23 7.25 -0.01 | 72.77 6.19 -0.01 | 66.64 5.50 -0.01 | 61.14 5.14 -0.06 | 58.06 4.42 -2.86 | 52.10 4.17 -0.02 |
| CALPINE BETH_PAGE_GT4 24209 | 43.75 3.69 0.00 | 39.67 2.73 0.00 | 37.75 2.40 0.00 | 37.53 2.49 0.00 | 39.82 2.85 0.00 | 43.57 3.30 0.00 | 59.64 3.64 0.00 | 70.38 3.29 0.00 | 59.42 3.42 0.00 | 55.83 3.60 0.00 | 56.08 4.49 -0.01 | 54.55 4.13 0.00 | 54.74 4.56 -0.01 | 55.49 4.44 -0.01 | 58.79 4.28 -2.27 | 60.36 4.83 -0.01 | 73.25 5.99 0.00 | 95.56 8.29 -0.01 | 84.69 6.71 -0.01 | 72.31 5.73 -0.01 | 66.34 5.20 -0.01 | 60.49 4.53 -0.01 | 57.28 3.86 -2.63 | 51.72 3.79 -0.02 |
| CALPINE_BETH_PAGE_GT_4 323586 | 43.75 3.68 0.00 | 39.67 2.73 0.00 | 37.82 2.47 0.00 | 37.53 2.49 0.00 | 39.82 2.85 0.00 | 43.57 3.30 0.00 | 59.25 3.25 0.00 | 70.38 3.29 0.00 | 59.25 3.25 0.00 | 55.83 3.60 0.00 | 56.07 4.49 -0.01 | 54.56 4.14 0.00 | 54.74 4.56 -0.01 | 55.49 4.44 -0.01 | 58.79 4.28 -2.27 | 60.36 4.83 -0.01 | 73.11 5.85 0.00 | 95.47 8.20 -0.01 | 84.76 6.78 -0.01 | 72.31 5.73 -0.01 | 66.28 5.14 -0.01 | 60.55 4.59 -0.01 | 57.28 3.86 -2.63 | 51.72 3.78 -0.02 |
| CALPINE_BP_GT1 23823 | 43.75 3.68 0.00 | 39.67 2.73 0.00 | 37.82 2.47 0.00 | 37.53 2.49 0.00 | 39.82 2.85 0.00 | 43.57 3.30 0.00 | 59.25 3.25 0.00 | 70.38 3.29 0.00 | 59.25 3.25 0.00 | 55.83 3.60 0.00 | 56.07 4.49 -0.01 | 54.56 4.14 0.00 | 54.74 4.56 -0.01 | 55.49 4.44 -0.01 | 58.79 4.28 -2.27 | 60.36 4.83 -0.01 | 73.11 5.85 0.00 | 95.47 8.20 -0.01 | 84.76 6.78 -0.01 | 72.31 5.73 -0.01 | 66.28 5.14 -0.01 | 60.55 4.59 -0.01 | 57.28 3.86 -2.63 | 51.72 3.78 -0.02 |
| CALSPAN___DRP 24200 | 36.78 -3.29 0.00 | 34.50 -2.44 0.00 | 33.26 -2.09 0.00 | 32.69 -2.35 0.00 | 34.20 -2.77 0.00 | 37.01 -3.26 0.00 | 51.13 -4.87 0.00 | 60.83 -6.24 0.02 | 51.35 -4.65 0.00 | 48.26 -3.97 0.00 | 47.82 -3.77 0.00 | 46.29 -4.13 0.00 | 46.10 -4.06 0.00 | 47.05 -3.98 0.00 | 48.21 -4.02 0.00 | 50.84 -4.66 0.02 | 61.39 -5.85 0.02 | 79.74 -7.50 0.02 | 71.74 -6.24 0.00 | 61.11 -5.46 0.00 | 55.88 -5.26 0.00 | 51.64 -4.31 0.00 | 48.25 -2.54 0.00 | 46.48 -1.44 0.00 |

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| CALVERTON___SOLAR 323806 | 44.07 4.01 0.00 | 39.89 2.96 0.00 | 38.03 2.69 0.00 | 37.74 2.70 0.00 | 40.12 3.14 0.00 | 43.89 3.63 0.00 | 59.59 3.59 0.00 | 70.38 3.29 0.00 | 59.59 3.59 0.00 | 56.20 3.97 0.00 | 56.70 5.11 -0.01 | 54.96 4.54 0.00 | 55.24 5.06 -0.01 | 56.20 5.15 -0.02 | 59.82 5.12 -2.46 | 61.25 5.72 -0.02 | 73.99 6.73 0.00 | 96.79 9.51 -0.01 | 85.85 7.87 -0.01 | 73.30 6.72 -0.01 | 67.07 5.93 -0.01 | 61.54 5.54 -0.06 | 58.37 4.72 -2.86 | 52.39 4.46 -0.02 |
| CANDIGU_WT_PWR 323617 | 36.82 -3.24 0.00 | 34.42 -2.51 0.00 | 33.05 -2.30 0.00 | 32.62 -2.42 0.00 | 34.24 -2.74 0.00 | 37.21 -3.06 0.00 | 52.41 -3.59 0.00 | 61.49 -5.57 0.03 | 51.52 -4.48 0.00 | 48.10 -4.13 0.00 | 47.51 -4.08 0.00 | 46.13 -4.29 0.00 | 45.90 -4.26 0.00 | 46.95 -4.08 0.00 | 48.16 -4.07 0.00 | 50.93 -4.55 0.03 | 61.79 -5.45 0.03 | 80.78 -6.46 0.03 | 73.06 -4.91 0.00 | 61.91 -4.66 0.00 | 56.85 -4.28 0.00 | 52.31 -3.64 0.00 | 48.61 -2.18 0.00 | 46.63 -1.29 0.00 |
| CARR STREET_E_SYR 24060 | 39.59 -0.48 0.00 | 36.60 -0.33 0.00 | 35.10 -0.25 0.00 | 34.73 -0.32 0.00 | 36.64 -0.33 0.00 | 39.87 -0.40 0.00 | 55.44 -0.56 0.00 | 66.48 -0.60 0.00 | 55.61 -0.39 0.00 | 51.92 -0.31 0.00 | 51.33 -0.26 0.00 | 50.07 -0.35 0.00 | 49.82 -0.35 0.00 | 50.68 -0.35 0.00 | 51.92 -0.31 0.00 | 55.13 -0.39 0.00 | 66.72 -0.54 0.00 | 86.48 -0.79 0.00 | 77.35 -0.63 0.00 | 65.97 -0.60 0.00 | 60.46 -0.67 0.00 | 55.27 -0.67 0.00 | 50.44 -0.35 0.00 | 47.59 -0.33 0.00 |
| CARTHAGE___PAPER 23857 | 40.15 0.08 0.00 | 37.05 0.11 0.00 | 35.38 0.04 0.00 | 35.04 0.00 0.00 | 37.09 0.11 0.00 | 40.47 0.20 0.00 | 56.56 0.56 0.00 | 68.23 1.14 0.00 | 56.78 0.78 0.00 | 53.01 0.78 0.00 | 52.36 0.77 0.00 | 51.07 0.65 0.00 | 50.81 0.65 0.00 | 51.54 0.51 0.00 | 52.86 0.63 0.00 | 55.91 0.39 0.00 | 67.86 0.60 0.00 | 88.32 1.05 0.00 | 79.53 1.56 0.00 | 67.97 1.40 0.00 | 62.48 1.34 0.00 | 57.12 1.18 0.00 | 51.81 1.02 0.00 | 48.59 0.67 0.00 |
| CASSADAGA_WT_PWR 323784 | 35.46 -4.61 0.00 | 33.24 -3.69 0.00 | 31.99 -3.36 0.00 | 31.61 -3.43 0.00 | 33.13 -3.85 0.00 | 36.04 -4.23 0.00 | 51.07 -4.93 0.00 | 59.76 -7.31 0.02 | 50.35 -5.65 0.00 | 46.95 -5.27 0.00 | 46.42 -5.16 0.00 | 44.87 -5.55 0.00 | 44.70 -5.47 0.00 | 45.62 -5.41 0.00 | 46.80 -5.43 0.00 | 49.33 -6.16 0.02 | 61.26 -5.99 0.02 | 80.26 -6.98 0.02 | 73.06 -4.91 0.00 | 60.12 -6.46 0.00 | 55.26 -5.87 0.00 | 51.30 -4.64 0.00 | 48.10 -2.69 0.00 | 46.38 -1.54 0.00 |
| CE_DUNWOOD___DRP 24194 | 42.67 2.60 0.00 | 39.04 2.11 0.00 | 37.33 1.98 0.00 | 37.04 2.00 0.00 | 39.16 2.18 0.00 | 42.72 2.46 0.00 | 59.53 3.53 0.00 | 71.18 4.09 0.00 | 59.19 3.19 0.00 | 55.26 3.03 0.00 | 54.68 3.09 0.00 | 53.60 3.18 0.00 | 53.37 3.21 0.00 | 54.40 3.37 0.00 | 55.37 3.13 0.00 | 58.90 3.39 0.00 | 71.30 4.04 0.00 | 92.94 5.67 0.00 | 82.34 4.37 0.00 | 70.37 3.79 0.00 | 64.56 3.42 0.00 | 59.13 3.19 0.00 | 53.53 2.74 0.00 | 50.36 2.44 0.00 |
| CE_MILLWOOD___DRP 24193 | 42.55 2.48 0.00 | 38.97 2.03 0.00 | 37.26 1.91 0.00 | 36.97 1.93 0.00 | 39.08 2.11 0.00 | 42.64 2.38 0.00 | 59.42 3.42 0.00 | 70.98 3.89 0.00 | 59.02 3.02 0.00 | 55.15 2.92 0.00 | 54.52 2.94 0.00 | 53.44 3.03 0.00 | 53.22 3.06 0.00 | 54.25 3.22 0.00 | 55.21 2.98 0.00 | 58.73 3.22 0.00 | 71.09 3.83 0.00 | 92.68 5.41 0.00 | 82.18 4.21 0.00 | 70.17 3.59 0.00 | 64.43 3.30 0.00 | 58.96 3.02 0.00 | 53.38 2.59 0.00 | 50.27 2.35 0.00 |
| CE_NYC2_DRP 24202 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.50 2.16 0.00 | 37.25 2.21 0.00 | 39.49 2.51 0.00 | 42.97 2.70 0.00 | 59.70 3.70 0.00 | 71.11 4.03 0.00 | 59.30 3.30 0.00 | 55.57 3.34 0.00 | 54.99 3.40 0.00 | 53.90 3.48 0.00 | 53.73 3.56 0.00 | 54.71 3.67 0.00 | 55.58 3.34 0.00 | 58.96 3.44 0.00 | 71.15 3.90 0.01 | 92.75 5.50 0.01 | 82.10 4.13 0.01 | 70.16 3.59 0.01 | 64.37 3.24 0.01 | 59.08 3.13 0.00 | 53.79 3.00 0.00 | 50.46 2.54 0.00 |
| CE_NYC_DRP 24195 | 42.95 2.88 0.00 | 39.26 2.33 0.00 | 37.47 2.12 0.00 | 37.21 2.17 0.00 | 39.34 2.37 0.00 | 42.93 2.66 0.00 | 59.86 3.86 0.00 | 71.58 4.49 0.00 | 59.58 3.58 0.00 | 55.73 3.50 0.00 | 55.09 3.51 0.00 | 54.05 3.63 0.00 | 53.83 3.66 0.00 | 54.81 3.78 0.00 | 55.79 3.55 0.00 | 59.29 3.77 0.00 | 71.70 4.44 0.00 | 93.46 6.20 0.00 | 82.65 4.68 0.00 | 70.63 4.06 0.00 | 64.86 3.73 0.00 | 59.36 3.41 0.00 | 53.79 3.00 0.00 | 50.55 2.64 0.00 |
| CHAFFEE___LFGE 323603 | 36.86 -3.21 0.00 | 34.50 -2.44 0.00 | 33.12 -2.23 0.00 | 32.69 -2.35 0.00 | 34.24 -2.74 0.00 | 37.04 -3.22 0.00 | 52.25 -3.75 0.00 | 61.03 -6.04 0.02 | 51.52 -4.48 0.00 | 48.36 -3.86 0.00 | 47.92 -3.66 0.00 | 46.38 -4.04 0.00 | 46.20 -3.96 0.00 | 47.15 -3.88 0.00 | 48.32 -3.92 0.00 | 50.95 -4.55 0.02 | 61.39 -5.85 0.02 | 80.09 -7.15 0.02 | 72.82 -5.15 0.00 | 61.24 -5.33 0.00 | 56.24 -4.89 0.00 | 51.91 -4.03 0.00 | 48.41 -2.39 0.00 | 46.53 -1.39 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 38.66 -1.40 0.00 | 35.61 -1.33 0.00 | 34.00 -1.34 0.00 | 33.82 -1.23 0.00 | 35.68 -1.29 0.00 | 38.94 -1.33 0.00 | 54.38 -1.62 0.00 | 65.01 -2.08 0.00 | 54.38 -1.62 0.00 | 50.61 -1.62 0.00 | 49.98 -1.60 0.00 | 48.91 -1.51 0.00 | 48.56 -1.61 0.00 | 49.20 -1.84 0.00 | 50.51 -1.72 0.00 | 53.68 -1.83 0.00 | 65.31 -1.95 0.00 | 84.65 -2.62 0.00 | 75.79 -2.18 0.00 | 64.78 -1.80 0.00 | 59.73 -1.41 0.00 | 54.71 -1.23 0.00 | 49.57 -1.22 0.00 | 46.72 -1.20 0.00 |
| CHATEAUG_WT_PWR 323614 | 38.66 -1.40 0.00 | 35.61 -1.33 0.00 | 34.08 -1.27 0.00 | 33.81 -1.23 0.00 | 35.72 -1.26 0.00 | 38.94 -1.33 0.00 | 54.32 -1.68 0.00 | 65.01 -2.08 0.00 | 54.37 -1.63 0.00 | 50.66 -1.57 0.00 | 50.08 -1.50 0.00 | 49.01 -1.41 0.00 | 48.66 -1.50 0.00 | 49.30 -1.74 0.00 | 50.61 -1.62 0.00 | 53.74 -1.78 0.00 | 65.38 -1.88 0.00 | 84.65 -2.62 0.00 | 75.64 -2.34 0.00 | 64.71 -1.86 0.00 | 59.61 -1.53 0.00 | 54.60 -1.34 0.00 | 49.57 -1.22 0.00 | 46.67 -1.25 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 38.66 -1.40 0.00 | 35.61 -1.33 0.00 | 34.00 -1.34 0.00 | 33.82 -1.23 0.00 | 35.68 -1.29 0.00 | 38.94 -1.33 0.00 | 54.38 -1.62 0.00 | 65.01 -2.08 0.00 | 54.38 -1.62 0.00 | 50.61 -1.62 0.00 | 49.98 -1.60 0.00 | 48.91 -1.51 0.00 | 48.56 -1.61 0.00 | 49.20 -1.84 0.00 | 50.51 -1.72 0.00 | 53.68 -1.83 0.00 | 65.31 -1.95 0.00 | 84.65 -2.62 0.00 | 75.79 -2.18 0.00 | 64.78 -1.80 0.00 | 59.73 -1.41 0.00 | 54.71 -1.23 0.00 | 49.57 -1.22 0.00 | 46.72 -1.20 0.00 |
| CHAUTAUQUA___LFGE 323629 | 36.46 -3.61 0.00 | 34.16 -2.77 0.00 | 32.80 -2.55 0.00 | 32.41 -2.63 0.00 | 33.94 -3.03 0.00 | 36.84 -3.42 0.00 | 52.03 -3.97 0.00 | 60.76 -6.31 0.02 | 51.24 -4.76 0.00 | 47.95 -4.28 0.00 | 47.45 -4.13 0.00 | 45.93 -4.49 0.00 | 45.75 -4.41 0.00 | 46.70 -4.34 0.00 | 47.85 -4.39 0.00 | 50.39 -5.11 0.02 | 61.39 -5.85 0.02 | 80.18 -7.07 0.02 | 73.06 -4.91 0.00 | 61.05 -5.52 0.00 | 56.12 -5.01 0.00 | 51.86 -4.08 0.00 | 48.51 -2.28 0.00 | 46.67 -1.25 0.00 |
| CHERRYST_13_KV_LD 356241 | 43.03 2.96 0.00 | 39.37 2.44 0.00 | 37.57 2.23 0.00 | 37.28 2.24 0.00 | 39.45 2.48 0.00 | 43.05 2.78 0.00 | 60.03 4.03 0.00 | 71.85 4.76 0.00 | 59.81 3.81 0.00 | 55.88 3.66 0.00 | 55.30 3.71 0.00 | 54.20 3.78 0.00 | 54.03 3.86 0.00 | 55.01 3.98 0.00 | 55.94 3.71 0.00 | 59.46 3.94 0.00 | 71.90 4.64 0.00 | 93.72 6.46 0.00 | 82.96 4.99 0.00 | 70.83 4.26 0.00 | 64.98 3.85 0.00 | 59.52 3.58 0.00 | 53.94 3.15 0.00 | 50.65 2.73 0.00 |

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| CHESTROR_138KV_BK263 355645 | 42.19 2.12 0.00 | 38.71 1.77 0.00 | 36.97 1.63 0.00 | 36.69 1.65 0.00 | 38.79 1.81 0.00 | 42.28 2.01 0.00 | 58.97 2.97 0.00 | 70.51 3.42 0.00 | 58.63 2.63 0.00 | 54.68 2.45 0.00 | 54.01 2.42 0.00 | 52.89 2.47 0.00 | 52.72 2.56 0.00 | 53.69 2.65 0.00 | 54.69 2.45 0.00 | 58.18 2.66 0.00 | 70.56 3.30 0.00 | 91.89 4.63 0.00 | 81.64 3.66 0.00 | 69.70 3.13 0.00 | 63.94 2.81 0.00 | 58.57 2.63 0.00 | 53.03 2.23 0.00 | 49.93 2.01 0.00 |
| CH_MIDHUDSON___DRP 24192 | 42.35 2.28 0.00 | 38.82 1.88 0.00 | 37.11 1.77 0.00 | 36.86 1.82 0.00 | 38.93 1.96 0.00 | 42.48 2.21 0.00 | 59.19 3.19 0.00 | 70.78 3.69 0.00 | 58.91 2.91 0.00 | 54.94 2.72 0.00 | 54.21 2.63 0.00 | 53.14 2.72 0.00 | 52.92 2.76 0.00 | 53.89 2.86 0.00 | 54.95 2.72 0.00 | 58.46 2.94 0.00 | 70.89 3.63 0.00 | 92.41 5.15 0.00 | 82.03 4.05 0.00 | 70.03 3.46 0.00 | 64.25 3.12 0.00 | 58.85 2.91 0.00 | 53.23 2.44 0.00 | 50.12 2.20 0.00 |
| CH_MISC_IPPS 23765 | 42.55 2.48 0.00 | 39.04 2.10 0.00 | 37.33 1.98 0.00 | 37.04 2.00 0.00 | 39.12 2.14 0.00 | 42.68 2.42 0.00 | 59.36 3.36 0.00 | 71.18 4.09 0.00 | 59.19 3.19 0.00 | 55.20 2.98 0.00 | 54.47 2.89 0.00 | 53.39 2.97 0.00 | 53.17 3.01 0.00 | 54.15 3.11 0.00 | 55.21 2.98 0.00 | 58.73 3.22 0.00 | 71.30 4.04 0.00 | 92.93 5.67 0.00 | 82.57 4.60 0.00 | 70.50 3.93 0.00 | 64.55 3.42 0.00 | 59.13 3.19 0.00 | 53.53 2.74 0.00 | 50.41 2.49 0.00 |
| CH_RES_BVR_FALLS 23983 | 39.02 -1.04 0.00 | 35.97 -0.96 0.00 | 34.39 -0.95 0.00 | 34.13 -0.91 0.00 | 36.01 -0.96 0.00 | 39.26 -1.01 0.00 | 54.60 -1.40 0.00 | 65.48 -1.61 0.00 | 54.71 -1.29 0.00 | 50.97 -1.25 0.00 | 50.34 -1.24 0.00 | 49.26 -1.16 0.00 | 48.96 -1.20 0.00 | 49.76 -1.27 0.00 | 50.98 -1.25 0.00 | 54.24 -1.27 0.00 | 65.84 -1.42 0.00 | 85.52 -1.74 0.00 | 76.41 -1.56 0.00 | 65.31 -1.27 0.00 | 60.03 -1.10 0.00 | 54.99 -0.95 0.00 | 49.93 -0.86 0.00 | 47.15 -0.77 0.00 |
| CH_RES_NIAGARA 23895 | 36.02 -4.05 0.00 | 33.80 -3.14 0.00 | 32.56 -2.79 0.00 | 31.99 -3.05 0.00 | 33.46 -3.51 0.00 | 36.20 -4.07 0.00 | 49.62 -6.38 0.00 | 58.96 -8.12 0.01 | 49.90 -6.10 0.00 | 47.16 -5.07 0.00 | 46.73 -4.85 0.00 | 45.28 -5.14 0.00 | 45.00 -5.17 0.00 | 45.93 -5.10 0.00 | 47.06 -5.17 0.00 | 49.34 -6.16 0.01 | 59.31 -7.94 0.01 | 76.26 -11.00 0.01 | 69.40 -8.58 0.00 | 59.18 -7.39 0.00 | 54.22 -6.91 0.00 | 50.12 -5.82 0.00 | 46.83 -3.96 0.00 | 45.14 -2.78 0.00 |
| CH_RES_SYRACUSE 23985 | 39.87 -0.20 0.00 | 36.86 -0.07 0.00 | 35.31 -0.04 0.00 | 34.97 -0.07 0.00 | 36.86 -0.11 0.00 | 40.11 -0.16 0.00 | 56.00 0.00 0.00 | 67.16 0.07 0.00 | 56.11 0.11 0.00 | 52.44 0.21 0.00 | 51.79 0.21 0.00 | 50.52 0.10 0.00 | 50.26 0.10 0.00 | 51.14 0.10 0.00 | 52.39 0.16 0.00 | 55.63 0.11 0.00 | 67.40 0.13 0.00 | 87.35 0.09 0.00 | 78.13 0.16 0.00 | 66.64 0.07 0.00 | 61.07 -0.06 0.00 | 55.78 -0.17 0.00 | 50.74 -0.05 0.00 | 47.87 -0.05 0.00 |
| CLINTON_WT_PWR 323605 | 38.66 -1.40 0.00 | 35.61 -1.33 0.00 | 34.08 -1.27 0.00 | 33.81 -1.23 0.00 | 35.72 -1.26 0.00 | 38.94 -1.33 0.00 | 54.32 -1.68 0.00 | 65.01 -2.08 0.00 | 54.37 -1.63 0.00 | 50.66 -1.57 0.00 | 50.08 -1.50 0.00 | 49.01 -1.41 0.00 | 48.66 -1.50 0.00 | 49.30 -1.74 0.00 | 50.61 -1.62 0.00 | 53.74 -1.78 0.00 | 65.38 -1.88 0.00 | 84.65 -2.62 0.00 | 75.64 -2.34 0.00 | 64.71 -1.86 0.00 | 59.61 -1.53 0.00 | 54.60 -1.34 0.00 | 49.57 -1.22 0.00 | 46.67 -1.25 0.00 |
| CLINTON___LFGE 323618 | 38.90 -1.16 0.00 | 35.79 -1.15 0.00 | 34.22 -1.13 0.00 | 34.02 -1.02 0.00 | 35.94 -1.04 0.00 | 39.18 -1.09 0.00 | 54.82 -1.18 0.00 | 65.55 -1.54 0.00 | 54.82 -1.18 0.00 | 51.03 -1.20 0.00 | 50.45 -1.14 0.00 | 49.36 -1.06 0.00 | 49.01 -1.15 0.00 | 49.60 -1.43 0.00 | 50.93 -1.30 0.00 | 54.18 -1.33 0.00 | 66.05 -1.21 0.00 | 85.52 -1.74 0.00 | 76.49 -1.48 0.00 | 65.51 -1.07 0.00 | 60.34 -0.80 0.00 | 55.27 -0.67 0.00 | 50.08 -0.71 0.00 | 47.10 -0.81 0.00 |
| COBBLENY_34_KV_TB1 80064 | 36.78 -3.29 0.00 | 34.50 -2.44 0.00 | 33.26 -2.09 0.00 | 32.69 -2.35 0.00 | 34.24 -2.74 0.00 | 37.05 -3.22 0.00 | 51.24 -4.76 0.00 | 61.03 -6.04 0.02 | 51.46 -4.54 0.00 | 48.36 -3.86 0.00 | 47.92 -3.66 0.00 | 46.39 -4.03 0.00 | 46.20 -3.96 0.00 | 47.16 -3.88 0.00 | 48.32 -3.92 0.00 | 50.94 -4.55 0.02 | 61.59 -5.65 0.02 | 80.09 -7.16 0.02 | 71.97 -6.00 0.00 | 61.25 -5.33 0.00 | 55.94 -5.20 0.00 | 51.75 -4.20 0.00 | 48.35 -2.44 0.00 | 46.53 -1.39 0.00 |
| COFFEEN___115KV_TB3 355620 | 40.47 0.40 0.00 | 37.38 0.44 0.00 | 35.70 0.35 0.00 | 35.32 0.28 0.00 | 37.42 0.44 0.00 | 40.79 0.52 0.00 | 57.06 1.06 0.00 | 69.03 1.95 0.00 | 57.40 1.40 0.00 | 53.74 1.51 0.00 | 52.97 1.39 0.00 | 51.68 1.26 0.00 | 51.42 1.25 0.00 | 52.11 1.07 0.00 | 53.43 1.20 0.00 | 56.46 0.94 0.00 | 68.67 1.41 0.00 | 89.45 2.18 0.00 | 80.62 2.65 0.00 | 68.90 2.33 0.00 | 63.15 2.02 0.00 | 57.68 1.73 0.00 | 52.32 1.52 0.00 | 49.02 1.10 0.00 |
| COLDSPRG_115KV_BK1 355956 | 36.54 -3.53 0.00 | 34.31 -2.62 0.00 | 33.12 -2.23 0.00 | 32.59 -2.45 0.00 | 34.13 -2.85 0.00 | 37.13 -3.14 0.00 | 51.80 -4.20 0.00 | 61.57 -5.50 0.02 | 51.80 -4.20 0.00 | 48.36 -3.86 0.00 | 47.87 -3.71 0.00 | 46.29 -4.13 0.00 | 46.10 -4.06 0.00 | 47.10 -3.93 0.00 | 48.26 -3.97 0.00 | 50.83 -4.66 0.02 | 62.40 -4.84 0.02 | 81.75 -5.50 0.02 | 72.90 -5.07 0.00 | 61.45 -5.13 0.00 | 56.12 -5.01 0.00 | 52.25 -3.69 0.00 | 48.91 -1.88 0.00 | 47.10 -0.81 0.00 |
| COLONIE_LFGE___ 323577 | 41.71 1.64 0.00 | 38.37 1.44 0.00 | 36.72 1.38 0.00 | 36.41 1.37 0.00 | 38.42 1.44 0.00 | 41.92 1.65 0.00 | 58.13 2.13 0.00 | 69.70 2.61 0.00 | 58.01 2.01 0.00 | 53.95 1.72 0.00 | 53.13 1.55 0.00 | 51.93 1.51 0.00 | 51.72 1.56 0.00 | 52.67 1.63 0.00 | 54.01 1.78 0.00 | 57.51 2.00 0.00 | 69.75 2.49 0.00 | 90.76 3.49 0.00 | 80.86 2.89 0.00 | 69.04 2.46 0.00 | 63.45 2.32 0.00 | 58.01 2.07 0.00 | 52.47 1.67 0.00 | 49.55 1.63 0.00 |
| COOPERNY_115KV_TB1 80082 | 41.71 1.64 0.00 | 38.30 1.37 0.00 | 36.62 1.27 0.00 | 36.34 1.30 0.00 | 38.38 1.41 0.00 | 41.84 1.57 0.00 | 58.52 2.52 0.00 | 69.97 2.88 0.00 | 58.24 2.24 0.00 | 54.37 2.14 0.00 | 53.70 2.11 0.00 | 52.59 2.17 0.00 | 52.37 2.21 0.00 | 53.33 2.30 0.00 | 54.38 2.14 0.00 | 57.85 2.33 0.00 | 70.09 2.82 0.00 | 91.19 3.93 0.00 | 80.86 2.89 0.00 | 69.10 2.53 0.00 | 63.39 2.26 0.00 | 58.01 2.07 0.00 | 52.57 1.78 0.00 | 49.55 1.63 0.00 |
| COPENHAGEN_WT_PWR 323753 | 40.19 0.12 0.00 | 37.08 0.15 0.00 | 35.45 0.11 0.00 | 35.08 0.04 0.00 | 37.12 0.15 0.00 | 40.47 0.20 0.00 | 56.62 0.62 0.00 | 68.30 1.21 0.00 | 56.84 0.84 0.00 | 53.22 0.99 0.00 | 52.46 0.88 0.00 | 51.18 0.76 0.00 | 50.92 0.75 0.00 | 51.65 0.61 0.00 | 52.96 0.73 0.00 | 56.01 0.50 0.00 | 68.00 0.74 0.00 | 88.49 1.22 0.00 | 79.69 1.71 0.00 | 68.11 1.53 0.00 | 62.48 1.34 0.00 | 57.06 1.12 0.00 | 51.81 1.02 0.00 | 48.59 0.67 0.00 |
| CORNELL_____ 23752 | 40.55 0.48 0.00 | 37.49 0.55 0.00 | 35.95 0.60 0.00 | 35.53 0.49 0.00 | 37.49 0.52 0.00 | 40.87 0.60 0.00 | 57.12 1.12 0.00 | 68.68 1.54 -0.04 | 57.23 1.23 0.00 | 53.38 1.15 0.00 | 52.67 1.08 0.00 | 51.33 0.91 0.00 | 51.07 0.90 0.00 | 51.95 0.92 0.00 | 53.23 0.99 0.00 | 56.67 1.11 -0.04 | 68.78 1.48 -0.04 | 89.40 2.09 -0.04 | 79.92 1.95 0.00 | 68.30 1.73 0.00 | 62.54 1.41 0.00 | 57.06 1.12 0.00 | 52.01 1.22 0.00 | 49.07 1.15 0.00 |

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| CORONA__69_KV_TB1 355595 | 43.71 3.65 0.00 | 39.71 2.77 0.00 | 37.82 2.47 0.00 | 37.57 2.52 0.00 | 39.86 2.88 0.00 | 43.57 3.30 0.00 | 59.86 3.86 0.00 | 70.78 3.69 0.00 | 59.64 3.64 0.00 | 55.99 3.76 0.00 | 56.13 4.54 -0.01 | 54.71 4.29 0.00 | 54.79 4.62 -0.01 | 55.44 4.39 -0.01 | 58.59 4.23 -2.12 | 60.30 4.77 -0.01 | 73.18 5.92 0.00 | 95.39 8.12 -0.01 | 84.61 6.63 -0.01 | 72.31 5.73 -0.01 | 66.34 5.20 -0.01 | 60.43 4.48 -0.01 | 57.11 3.86 -2.46 | 51.58 3.64 -0.02 |
| CORTLAND__115KV_TB3 80093 | 40.43 0.36 0.00 | 37.34 0.41 0.00 | 35.81 0.46 0.00 | 35.43 0.39 0.00 | 37.38 0.41 0.00 | 40.71 0.44 0.00 | 56.78 0.78 0.00 | 68.31 1.21 -0.01 | 57.01 1.01 0.00 | 53.17 0.94 0.00 | 52.51 0.93 0.00 | 51.23 0.81 0.00 | 50.97 0.80 0.00 | 51.90 0.87 0.00 | 53.12 0.89 0.00 | 56.47 0.94 -0.01 | 68.48 1.21 -0.01 | 88.94 1.66 -0.01 | 79.45 1.48 0.00 | 67.84 1.26 0.00 | 62.17 1.04 0.00 | 56.78 0.84 0.00 | 51.65 0.86 0.00 | 48.69 0.77 0.00 |
| COXSACKIE__GT 23611 | 42.15 2.08 0.00 | 38.85 1.92 0.00 | 37.15 1.80 0.00 | 36.83 1.79 0.00 | 38.90 1.92 0.00 | 42.40 2.13 0.00 | 58.91 2.91 0.00 | 70.64 3.55 0.00 | 59.13 3.13 0.00 | 54.42 2.19 0.00 | 53.18 1.60 0.00 | 51.93 1.51 0.00 | 51.72 1.56 0.00 | 52.62 1.58 0.00 | 54.17 1.93 0.00 | 57.95 2.44 0.00 | 71.23 3.97 0.00 | 93.28 6.02 0.00 | 83.35 5.38 0.00 | 70.97 4.39 0.00 | 64.99 3.85 0.00 | 59.53 3.58 0.00 | 53.69 2.89 0.00 | 50.70 2.78 0.00 |
| CPV__VALLEY__CC1 323721 | 42.03 1.96 0.00 | 38.56 1.62 0.00 | 36.87 1.52 0.00 | 36.58 1.54 0.00 | 38.64 1.67 0.00 | 42.12 1.85 0.00 | 58.58 2.58 0.00 | 70.24 3.15 0.00 | 58.41 2.41 0.00 | 54.47 2.24 0.00 | 53.85 2.27 0.00 | 52.74 2.32 0.00 | 52.52 2.36 0.00 | 53.53 2.50 0.00 | 54.53 2.30 0.00 | 58.01 2.50 0.00 | 70.22 2.96 0.00 | 91.45 4.19 0.00 | 81.32 3.35 0.00 | 69.43 2.86 0.00 | 63.70 2.57 0.00 | 58.29 2.35 0.00 | 52.83 2.03 0.00 | 49.79 1.87 0.00 |
| CPV__VALLEY__CC2 323722 | 42.03 1.96 0.00 | 38.56 1.62 0.00 | 36.87 1.52 0.00 | 36.58 1.54 0.00 | 38.64 1.67 0.00 | 42.12 1.85 0.00 | 58.58 2.58 0.00 | 70.24 3.15 0.00 | 58.41 2.41 0.00 | 54.47 2.24 0.00 | 53.85 2.27 0.00 | 52.74 2.32 0.00 | 52.52 2.36 0.00 | 53.53 2.50 0.00 | 54.53 2.30 0.00 | 58.01 2.50 0.00 | 70.22 2.96 0.00 | 91.45 4.19 0.00 | 81.32 3.35 0.00 | 69.43 2.86 0.00 | 63.70 2.57 0.00 | 58.29 2.35 0.00 | 52.83 2.03 0.00 | 49.79 1.87 0.00 |
| CRESCENT__HYD 24018 | 41.71 1.64 0.00 | 38.37 1.44 0.00 | 36.72 1.38 0.00 | 36.41 1.37 0.00 | 38.42 1.44 0.00 | 41.92 1.65 0.00 | 58.13 2.13 0.00 | 69.70 2.61 0.00 | 58.01 2.01 0.00 | 53.95 1.72 0.00 | 53.13 1.55 0.00 | 51.93 1.51 0.00 | 51.72 1.56 0.00 | 52.67 1.63 0.00 | 54.01 1.78 0.00 | 57.51 2.00 0.00 | 69.75 2.49 0.00 | 90.76 3.49 0.00 | 80.86 2.89 0.00 | 69.04 2.46 0.00 | 63.45 2.32 0.00 | 58.01 2.07 0.00 | 52.47 1.67 0.00 | 49.55 1.63 0.00 |
| CRICKET__VALLEY_CC1 323756 | 41.91 1.84 0.00 | 38.41 1.48 0.00 | 36.72 1.38 0.00 | 36.48 1.44 0.00 | 38.49 1.52 0.00 | 42.00 1.73 0.00 | 58.30 2.30 0.00 | 69.91 2.82 0.00 | 58.18 2.18 0.00 | 54.32 2.09 0.00 | 53.65 2.07 0.00 | 52.59 2.17 0.00 | 52.42 2.26 0.00 | 53.38 2.35 0.00 | 54.38 2.14 0.00 | 57.85 2.33 0.00 | 69.95 2.69 0.00 | 91.20 3.93 0.00 | 80.94 2.96 0.00 | 69.17 2.59 0.00 | 63.40 2.26 0.00 | 58.07 2.13 0.00 | 52.62 1.83 0.00 | 49.50 1.58 0.00 |
| CRICKET__VALLEY_CC2 323757 | 41.91 1.84 0.00 | 38.41 1.48 0.00 | 36.72 1.38 0.00 | 36.48 1.44 0.00 | 38.49 1.52 0.00 | 42.00 1.73 0.00 | 58.30 2.30 0.00 | 69.91 2.82 0.00 | 58.18 2.18 0.00 | 54.32 2.09 0.00 | 53.65 2.07 0.00 | 52.59 2.17 0.00 | 52.42 2.26 0.00 | 53.38 2.35 0.00 | 54.38 2.14 0.00 | 57.85 2.33 0.00 | 69.95 2.69 0.00 | 91.20 3.93 0.00 | 80.94 2.96 0.00 | 69.17 2.59 0.00 | 63.40 2.26 0.00 | 58.07 2.13 0.00 | 52.62 1.83 0.00 | 49.50 1.58 0.00 |
| CRICKET__VALLEY_CC3 323758 | 41.91 1.84 0.00 | 38.41 1.48 0.00 | 36.72 1.38 0.00 | 36.48 1.44 0.00 | 38.49 1.52 0.00 | 42.00 1.73 0.00 | 58.30 2.30 0.00 | 69.91 2.82 0.00 | 58.18 2.18 0.00 | 54.32 2.09 0.00 | 53.65 2.07 0.00 | 52.59 2.17 0.00 | 52.42 2.26 0.00 | 53.38 2.35 0.00 | 54.38 2.14 0.00 | 57.85 2.33 0.00 | 69.95 2.69 0.00 | 91.20 3.93 0.00 | 80.94 2.96 0.00 | 69.17 2.59 0.00 | 63.40 2.26 0.00 | 58.07 2.13 0.00 | 52.62 1.83 0.00 | 49.50 1.58 0.00 |
| CRUCIBLE__METL_DRP 24180 | 39.87 -0.20 0.00 | 36.86 -0.07 0.00 | 35.35 0.00 0.00 | 34.97 -0.07 0.00 | 36.86 -0.11 0.00 | 40.11 -0.16 0.00 | 55.89 -0.11 0.00 | 67.09 0.00 0.00 | 56.11 0.11 0.00 | 52.44 0.21 0.00 | 51.79 0.21 0.00 | 50.52 0.10 0.00 | 50.26 0.10 0.00 | 51.14 0.10 0.00 | 52.39 0.16 0.00 | 55.63 0.11 0.00 | 67.33 0.07 0.00 | 87.27 0.00 0.00 | 78.05 0.08 0.00 | 66.64 0.07 0.00 | 61.07 -0.06 0.00 | 55.78 -0.17 0.00 | 50.74 -0.05 0.00 | 47.87 -0.05 0.00 |
| DAHOWA__HYDRO 323763 | 42.51 2.44 0.00 | 39.11 2.18 0.00 | 37.43 2.08 0.00 | 37.07 2.03 0.00 | 39.12 2.14 0.00 | 42.77 2.50 0.00 | 59.53 3.53 0.00 | 71.45 4.36 0.00 | 59.30 3.30 0.00 | 55.05 2.82 0.00 | 54.21 2.63 0.00 | 52.89 2.47 0.00 | 52.57 2.41 0.00 | 53.48 2.45 0.00 | 54.95 2.71 0.00 | 58.62 3.11 0.00 | 71.23 3.97 0.00 | 92.77 5.50 0.00 | 82.73 4.76 0.00 | 70.57 3.99 0.00 | 65.05 3.92 0.00 | 59.36 3.41 0.00 | 53.69 2.89 0.00 | 50.65 2.73 0.00 |
| DANC__LFGE 323619 | 39.83 -0.24 0.00 | 36.79 -0.15 0.00 | 35.17 -0.18 0.00 | 34.83 -0.21 0.00 | 36.79 -0.18 0.00 | 40.07 -0.20 0.00 | 55.94 -0.06 0.00 | 67.36 0.27 0.00 | 56.11 0.11 0.00 | 52.54 0.32 0.00 | 51.79 0.21 0.00 | 50.57 0.15 0.00 | 50.31 0.15 0.00 | 51.08 0.05 0.00 | 52.39 0.16 0.00 | 55.46 -0.06 0.00 | 67.19 -0.07 0.00 | 87.35 0.09 0.00 | 78.52 0.55 0.00 | 67.04 0.47 0.00 | 61.44 0.31 0.00 | 56.17 0.22 0.00 | 51.05 0.26 0.00 | 48.02 0.10 0.00 |
| DANSKAMMER__1 23586 | 42.55 2.48 0.00 | 39.04 2.10 0.00 | 37.33 1.98 0.00 | 37.04 2.00 0.00 | 39.12 2.14 0.00 | 42.68 2.42 0.00 | 59.36 3.36 0.00 | 71.18 4.09 0.00 | 59.19 3.19 0.00 | 55.20 2.98 0.00 | 54.47 2.89 0.00 | 53.39 2.97 0.00 | 53.17 3.01 0.00 | 54.15 3.11 0.00 | 55.21 2.98 0.00 | 58.73 3.22 0.00 | 71.30 4.04 0.00 | 92.93 5.67 0.00 | 82.57 4.60 0.00 | 70.50 3.93 0.00 | 64.55 3.42 0.00 | 59.13 3.19 0.00 | 53.53 2.74 0.00 | 50.41 2.49 0.00 |
| DANSKAMMER__2 23589 | 42.55 2.48 0.00 | 39.04 2.10 0.00 | 37.33 1.98 0.00 | 37.04 2.00 0.00 | 39.12 2.14 0.00 | 42.68 2.42 0.00 | 59.36 3.36 0.00 | 71.18 4.09 0.00 | 59.19 3.19 0.00 | 55.20 2.98 0.00 | 54.47 2.89 0.00 | 53.39 2.97 0.00 | 53.17 3.01 0.00 | 54.15 3.11 0.00 | 55.21 2.98 0.00 | 58.73 3.22 0.00 | 71.30 4.04 0.00 | 92.93 5.67 0.00 | 82.57 4.60 0.00 | 70.50 3.93 0.00 | 64.55 3.42 0.00 | 59.13 3.19 0.00 | 53.53 2.74 0.00 | 50.41 2.49 0.00 |
| DANSKAMMER__3 23590 | 42.55 2.48 0.00 | 39.04 2.10 0.00 | 37.33 1.98 0.00 | 37.04 2.00 0.00 | 39.12 2.14 0.00 | 42.68 2.42 0.00 | 59.36 3.36 0.00 | 71.18 4.09 0.00 | 59.19 3.19 0.00 | 55.20 2.98 0.00 | 54.47 2.89 0.00 | 53.39 2.97 0.00 | 53.17 3.01 0.00 | 54.15 3.11 0.00 | 55.21 2.98 0.00 | 58.73 3.22 0.00 | 71.30 4.04 0.00 | 92.93 5.67 0.00 | 82.57 4.60 0.00 | 70.50 3.93 0.00 | 64.55 3.42 0.00 | 59.13 3.19 0.00 | 53.53 2.74 0.00 | 50.41 2.49 0.00 |

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| DANSKAMMER___4 23591 | 42.55 2.48 0.00 | 39.04 2.10 0.00 | 37.33 1.98 0.00 | 37.04 2.00 0.00 | 39.12 2.14 0.00 | 42.68 2.42 0.00 | 59.36 3.36 0.00 | 71.18 4.09 0.00 | 59.19 3.19 0.00 | 55.20 2.98 0.00 | 54.47 2.89 0.00 | 53.39 2.97 0.00 | 53.17 3.01 0.00 | 54.15 3.11 0.00 | 55.21 2.98 0.00 | 58.73 3.22 0.00 | 71.30 4.04 0.00 | 92.93 5.67 0.00 | 82.57 4.60 0.00 | 70.50 3.93 0.00 | 64.55 3.42 0.00 | 59.13 3.19 0.00 | 53.53 2.74 0.00 | 50.41 2.49 0.00 |
| DANSKAMMER___DIESEL 23592 | 42.55 2.48 0.00 | 39.04 2.11 0.00 | 37.29 1.94 0.00 | 37.04 2.00 0.00 | 39.12 2.14 0.00 | 42.68 2.42 0.00 | 59.53 3.53 0.00 | 71.18 4.09 0.00 | 59.19 3.19 0.00 | 55.20 2.98 0.00 | 54.47 2.89 0.00 | 53.39 2.97 0.00 | 53.17 3.01 0.00 | 54.15 3.11 0.00 | 55.21 2.98 0.00 | 58.73 3.22 0.00 | 71.36 4.10 0.00 | 92.94 5.67 0.00 | 82.57 4.60 0.00 | 70.50 3.93 0.00 | 64.62 3.48 0.00 | 59.19 3.24 0.00 | 53.53 2.74 0.00 | 50.41 2.49 0.00 |
| DARBY___SOLAR 323810 | 42.31 2.24 0.00 | 38.93 1.99 0.00 | 37.26 1.91 0.00 | 36.93 1.89 0.00 | 38.97 2.00 0.00 | 42.56 2.29 0.00 | 59.19 3.19 0.00 | 71.05 3.96 0.00 | 59.02 3.02 0.00 | 54.79 2.56 0.00 | 53.91 2.32 0.00 | 52.64 2.22 0.00 | 52.32 2.16 0.00 | 53.23 2.19 0.00 | 54.74 2.51 0.00 | 58.34 2.83 0.00 | 70.89 3.63 0.00 | 92.32 5.06 0.00 | 82.26 4.29 0.00 | 70.17 3.59 0.00 | 64.68 3.54 0.00 | 59.02 3.07 0.00 | 53.43 2.64 0.00 | 50.41 2.49 0.00 |
| DASHVILLE___HYD 23610 | 42.11 2.04 0.00 | 38.60 1.66 0.00 | 36.90 1.56 0.00 | 36.62 1.58 0.00 | 38.71 1.74 0.00 | 42.24 1.97 0.00 | 58.97 2.97 0.00 | 70.44 3.35 0.00 | 58.58 2.58 0.00 | 54.58 2.35 0.00 | 53.80 2.22 0.00 | 52.69 2.27 0.00 | 52.52 2.36 0.00 | 53.48 2.45 0.00 | 54.53 2.30 0.00 | 58.07 2.55 0.00 | 70.56 3.30 0.00 | 91.98 4.71 0.00 | 81.72 3.74 0.00 | 69.77 3.20 0.00 | 63.88 2.75 0.00 | 58.57 2.63 0.00 | 53.03 2.23 0.00 | 49.88 1.96 0.00 |
| DELAWARE___LFGE 323621 | 41.27 1.20 0.00 | 37.97 1.03 0.00 | 36.34 0.99 0.00 | 35.99 0.95 0.00 | 38.01 1.04 0.00 | 41.44 1.17 0.00 | 59.75 3.75 0.00 | 71.72 4.63 0.00 | 59.70 3.70 0.00 | 55.67 3.45 0.00 | 54.88 3.30 0.00 | 53.65 3.23 0.00 | 53.42 3.26 0.00 | 54.30 3.27 0.00 | 55.73 3.50 0.00 | 59.96 4.44 0.00 | 73.05 5.78 0.00 | 95.03 7.77 0.00 | 80.70 2.73 0.00 | 68.84 2.26 0.00 | 63.21 2.08 0.00 | 57.73 1.79 0.00 | 52.37 1.57 0.00 | 49.31 1.39 0.00 |
| DERFIELD_115KV_TB7 355931 | 40.31 0.24 0.00 | 37.16 0.22 0.00 | 35.56 0.21 0.00 | 35.22 0.18 0.00 | 37.20 0.22 0.00 | 40.51 0.24 0.00 | 56.28 0.28 0.00 | 67.42 0.34 0.00 | 56.28 0.26 0.00 | 52.49 0.26 0.00 | 51.84 0.26 0.00 | 50.67 0.25 0.00 | 50.41 0.25 0.00 | 51.34 0.31 0.00 | 52.55 0.31 0.00 | 55.85 0.33 0.00 | 67.66 0.40 0.00 | 87.79 0.52 0.00 | 78.44 0.47 0.00 | 66.91 0.33 0.00 | 61.44 0.31 0.00 | 56.28 0.34 0.00 | 51.05 0.25 0.00 | 48.16 0.24 0.00 |
| DOGLEVILLE___HYD 23807 | 41.51 1.44 0.00 | 38.30 1.37 0.00 | 36.62 1.27 0.00 | 36.27 1.23 0.00 | 38.31 1.33 0.00 | 41.72 1.45 0.00 | 57.90 1.90 0.00 | 69.44 2.35 0.00 | 57.90 1.90 0.00 | 54.00 1.78 0.00 | 53.34 1.75 0.00 | 52.29 1.87 0.00 | 52.07 1.91 0.00 | 53.02 1.99 0.00 | 54.27 2.04 0.00 | 57.57 2.05 0.00 | 69.82 2.56 0.00 | 90.67 3.40 0.00 | 81.17 3.20 0.00 | 69.30 2.73 0.00 | 63.64 2.51 0.00 | 58.46 2.52 0.00 | 53.18 2.39 0.00 | 50.22 2.30 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 36.54 -3.53 0.00 | 34.28 -2.66 0.00 | 33.05 -2.30 0.00 | 32.52 -2.52 0.00 | 34.05 -2.92 0.00 | 36.97 -3.30 0.00 | 51.24 -4.76 0.00 | 60.83 -6.24 0.02 | 51.30 -4.70 0.00 | 48.10 -4.13 0.00 | 47.61 -3.97 0.00 | 46.08 -4.34 0.00 | 45.85 -4.31 0.00 | 46.85 -4.18 0.00 | 47.95 -4.28 0.00 | 50.56 -4.94 0.02 | 61.66 -5.58 0.02 | 80.18 -7.07 0.02 | 72.20 -5.77 0.00 | 61.18 -5.39 0.00 | 55.94 -5.20 0.00 | 51.80 -4.14 0.00 | 48.45 -2.34 0.00 | 46.67 -1.25 0.00 |
| DUNKIRK___1 23563 | 36.54 -3.53 0.00 | 34.28 -2.66 0.00 | 33.05 -2.30 0.00 | 32.52 -2.52 0.00 | 34.05 -2.92 0.00 | 36.97 -3.30 0.00 | 51.24 -4.76 0.00 | 60.83 -6.24 0.02 | 51.30 -4.70 0.00 | 48.10 -4.13 0.00 | 47.61 -3.97 0.00 | 46.08 -4.34 0.00 | 45.85 -4.31 0.00 | 46.85 -4.18 0.00 | 47.95 -4.28 0.00 | 50.56 -4.94 0.02 | 61.66 -5.58 0.02 | 80.18 -7.07 0.02 | 72.20 -5.77 0.00 | 61.18 -5.39 0.00 | 55.94 -5.20 0.00 | 51.80 -4.14 0.00 | 48.45 -2.34 0.00 | 46.67 -1.25 0.00 |
| DUNKIRK___2 23564 | 36.54 -3.53 0.00 | 34.28 -2.66 0.00 | 33.05 -2.30 0.00 | 32.52 -2.52 0.00 | 34.05 -2.92 0.00 | 36.97 -3.30 0.00 | 51.24 -4.76 0.00 | 60.83 -6.24 0.02 | 51.30 -4.70 0.00 | 48.10 -4.13 0.00 | 47.61 -3.97 0.00 | 46.08 -4.34 0.00 | 45.85 -4.31 0.00 | 46.85 -4.18 0.00 | 47.95 -4.28 0.00 | 50.56 -4.94 0.02 | 61.66 -5.58 0.02 | 80.18 -7.07 0.02 | 72.20 -5.77 0.00 | 61.18 -5.39 0.00 | 55.94 -5.20 0.00 | 51.80 -4.14 0.00 | 48.45 -2.34 0.00 | 46.67 -1.25 0.00 |
| DUNKIRK___3 23565 | 36.66 -3.41 0.00 | 34.39 -2.55 0.00 | 33.16 -2.19 0.00 | 32.59 -2.45 0.00 | 34.16 -2.81 0.00 | 37.01 -3.26 0.00 | 51.30 -4.70 0.00 | 60.90 -6.17 0.02 | 51.35 -4.65 0.00 | 48.15 -4.07 0.00 | 47.66 -3.92 0.00 | 46.13 -4.29 0.00 | 45.95 -4.21 0.00 | 46.90 -4.13 0.00 | 48.05 -4.18 0.00 | 50.67 -4.83 0.02 | 61.59 -5.65 0.02 | 80.09 -7.16 0.02 | 72.05 -5.93 0.00 | 61.18 -5.39 0.00 | 55.94 -5.20 0.00 | 51.75 -4.20 0.00 | 48.35 -2.44 0.00 | 46.58 -1.34 0.00 |
| DUNKIRK___4 23566 | 36.66 -3.41 0.00 | 34.39 -2.55 0.00 | 33.16 -2.19 0.00 | 32.59 -2.45 0.00 | 34.16 -2.81 0.00 | 37.01 -3.26 0.00 | 51.30 -4.70 0.00 | 60.90 -6.17 0.02 | 51.35 -4.65 0.00 | 48.15 -4.07 0.00 | 47.66 -3.92 0.00 | 46.13 -4.29 0.00 | 45.95 -4.21 0.00 | 46.90 -4.13 0.00 | 48.05 -4.18 0.00 | 50.67 -4.83 0.02 | 61.59 -5.65 0.02 | 80.09 -7.16 0.02 | 72.05 -5.93 0.00 | 61.18 -5.39 0.00 | 55.94 -5.20 0.00 | 51.75 -4.20 0.00 | 48.35 -2.44 0.00 | 46.58 -1.34 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 42.75 2.68 0.00 | 39.11 2.18 0.00 | 37.40 2.05 0.00 | 37.11 2.07 0.00 | 39.23 2.26 0.00 | 42.80 2.54 0.00 | 59.64 3.64 0.00 | 71.32 4.23 0.00 | 59.36 3.36 0.00 | 55.41 3.19 0.00 | 54.83 3.25 0.00 | 53.75 3.33 0.00 | 53.57 3.41 0.00 | 54.55 3.52 0.00 | 55.52 3.29 0.00 | 59.07 3.55 0.00 | 71.43 4.17 0.00 | 93.11 5.85 0.00 | 82.57 4.60 0.00 | 70.50 3.93 0.00 | 64.74 3.61 0.00 | 59.24 3.30 0.00 | 53.64 2.84 0.00 | 50.46 2.54 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 42.39 2.32 0.00 | 38.86 1.92 0.00 | 37.15 1.80 0.00 | 36.86 1.82 0.00 | 38.97 2.00 0.00 | 42.52 2.25 0.00 | 59.30 3.30 0.00 | 70.85 3.76 0.00 | 58.91 2.91 0.00 | 54.94 2.72 0.00 | 54.26 2.68 0.00 | 53.14 2.72 0.00 | 52.92 2.76 0.00 | 53.94 2.91 0.00 | 54.95 2.72 0.00 | 58.46 2.94 0.00 | 70.96 3.70 0.00 | 92.50 5.24 0.00 | 82.11 4.13 0.00 | 70.10 3.53 0.00 | 64.31 3.18 0.00 | 58.85 2.91 0.00 | 53.28 2.49 0.00 | 50.17 2.25 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 42.91 2.84 0.00 | 39.26 2.33 0.00 | 37.43 2.09 0.00 | 37.14 2.10 0.00 | 39.64 2.66 0.00 | 43.05 2.78 0.00 | 59.75 3.75 0.00 | 71.11 4.03 0.00 | 59.19 3.19 0.00 | 55.47 3.24 0.00 | 54.88 3.30 0.00 | 53.55 3.13 0.00 | 53.42 3.26 0.00 | 54.61 3.57 0.00 | 55.37 3.13 0.00 | 58.57 3.05 0.00 | 70.68 3.43 0.01 | 92.32 5.06 0.01 | 81.79 3.82 0.01 | 69.76 3.20 0.01 | 64.00 2.87 0.01 | 58.85 2.91 0.00 | 53.79 3.00 0.00 | 50.27 2.35 0.00 |

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| E179THST_13_KV_LOAD 356214 | 43.11 3.04 0.00 | 39.41 2.47 0.00 | 37.54 2.19 0.00 | 37.25 2.21 0.00 | 39.75 2.77 0.00 | 43.21 2.94 0.00 | 59.98 3.98 0.00 | 71.38 4.29 0.00 | 59.47 3.47 0.00 | 55.73 3.50 0.00 | 55.14 3.56 0.00 | 53.80 3.38 0.00 | 53.68 3.51 0.00 | 54.86 3.83 0.00 | 55.63 3.40 0.00 | 58.84 3.33 0.00 | 71.02 3.77 0.01 | 92.75 5.50 0.01 | 82.18 4.21 0.01 | 70.09 3.53 0.01 | 64.30 3.18 0.01 | 59.08 3.13 0.00 | 54.04 3.25 0.00 | 50.46 2.54 0.00 |
| EAST HAMPTON___GT 23717 | 43.87 3.81 0.00 | 39.63 2.69 0.00 | 37.82 2.47 0.00 | 37.53 2.49 0.00 | 39.93 2.96 0.00 | 43.69 3.42 0.00 | 58.85 2.85 0.00 | 69.57 2.48 0.00 | 58.91 2.91 0.00 | 55.62 3.39 0.00 | 56.33 4.74 -0.01 | 54.40 3.98 0.00 | 54.78 4.61 -0.01 | 55.80 4.75 -0.02 | 59.50 4.80 -2.46 | 60.97 5.44 -0.02 | 73.86 6.60 0.00 | 96.35 9.08 -0.01 | 85.47 7.49 -0.01 | 72.97 6.39 -0.01 | 66.64 5.50 -0.01 | 61.04 5.04 -0.06 | 57.76 4.11 -2.86 | 52.20 4.26 -0.02 |
| EAST RIVER___6 23660 | 42.83 2.76 0.00 | 39.19 2.25 0.00 | 37.40 2.05 0.00 | 37.11 2.07 0.00 | 39.27 2.29 0.00 | 42.85 2.58 0.00 | 59.53 3.53 0.00 | 71.58 4.50 0.00 | 59.59 3.59 0.00 | 55.73 3.50 0.00 | 55.14 3.56 0.00 | 54.11 3.68 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.79 3.55 0.00 | 59.29 3.78 0.00 | 71.63 4.37 0.00 | 93.46 6.20 0.00 | 82.73 4.76 0.00 | 70.63 4.06 0.00 | 64.74 3.61 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.46 2.54 0.00 |
| EAST RIVER___7 23524 | 42.83 2.76 0.00 | 39.19 2.25 0.00 | 37.40 2.05 0.00 | 37.11 2.07 0.00 | 39.27 2.29 0.00 | 42.85 2.58 0.00 | 59.53 3.53 0.00 | 71.58 4.50 0.00 | 59.59 3.59 0.00 | 55.73 3.50 0.00 | 55.14 3.56 0.00 | 54.11 3.68 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.79 3.55 0.00 | 59.29 3.78 0.00 | 71.63 4.37 0.00 | 93.46 6.20 0.00 | 82.73 4.76 0.00 | 70.63 4.06 0.00 | 64.74 3.61 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.46 2.54 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 42.67 2.60 0.00 | 39.04 2.11 0.00 | 37.33 1.98 0.00 | 37.04 2.00 0.00 | 39.16 2.18 0.00 | 42.72 2.46 0.00 | 59.53 3.53 0.00 | 71.18 4.09 0.00 | 59.19 3.19 0.00 | 55.26 3.03 0.00 | 54.68 3.09 0.00 | 53.60 3.18 0.00 | 53.37 3.21 0.00 | 54.40 3.37 0.00 | 55.37 3.13 0.00 | 58.90 3.39 0.00 | 71.30 4.04 0.00 | 92.94 5.67 0.00 | 82.34 4.37 0.00 | 70.37 3.79 0.00 | 64.56 3.42 0.00 | 59.13 3.19 0.00 | 53.53 2.74 0.00 | 50.36 2.44 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 43.79 3.73 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.86 2.89 0.00 | 43.61 3.34 0.00 | 58.69 2.69 0.00 | 69.37 2.28 0.00 | 58.74 2.74 0.00 | 55.47 3.24 0.00 | 56.18 4.59 -0.01 | 54.30 3.88 0.00 | 54.63 4.46 -0.01 | 55.69 4.64 -0.02 | 59.40 4.70 -2.46 | 60.81 5.28 -0.02 | 73.72 6.46 0.00 | 96.08 8.81 -0.01 | 85.31 7.33 -0.01 | 72.77 6.19 -0.01 | 66.46 5.32 -0.01 | 60.92 4.92 -0.06 | 57.61 3.96 -2.86 | 52.10 4.17 -0.02 |
| EAST_POINT___SOLAR 323840 | 41.83 1.76 0.00 | 38.49 1.55 0.00 | 36.83 1.48 0.00 | 36.48 1.44 0.00 | 38.56 1.59 0.00 | 42.32 2.05 0.00 | 59.64 3.64 0.00 | 71.52 4.43 0.00 | 58.58 2.58 0.00 | 53.69 1.46 0.00 | 52.82 1.24 0.00 | 51.73 1.31 0.00 | 51.47 1.30 0.00 | 52.62 1.58 0.00 | 54.33 2.09 0.00 | 58.45 2.94 0.00 | 71.63 4.37 0.00 | 93.63 6.37 0.00 | 82.57 4.60 0.00 | 70.37 3.79 0.00 | 64.80 3.67 0.00 | 59.13 3.19 0.00 | 53.33 2.54 0.00 | 50.17 2.25 0.00 |
| EAST_PULASKI___ESR 323781 | 39.54 -0.52 0.00 | 36.53 -0.41 0.00 | 34.99 -0.35 0.00 | 34.62 -0.42 0.00 | 36.57 -0.41 0.00 | 39.79 -0.48 0.00 | 55.44 -0.56 0.00 | 66.55 -0.54 0.00 | 55.55 -0.45 0.00 | 51.97 -0.26 0.00 | 51.27 -0.31 0.00 | 50.07 -0.35 0.00 | 49.82 -0.35 0.00 | 50.62 -0.41 0.00 | 51.87 -0.36 0.00 | 55.01 -0.50 0.00 | 66.65 -0.61 0.00 | 86.48 -0.79 0.00 | 77.59 -0.39 0.00 | 66.18 -0.40 0.00 | 60.64 -0.49 0.00 | 55.49 -0.45 0.00 | 50.44 -0.35 0.00 | 47.53 -0.39 0.00 |
| EAST_RIVER___1 323558 | 42.91 2.84 0.00 | 39.26 2.33 0.00 | 37.50 2.16 0.00 | 37.22 2.17 0.00 | 39.34 2.37 0.00 | 42.92 2.66 0.00 | 59.59 3.59 0.00 | 71.58 4.50 0.00 | 59.59 3.59 0.00 | 55.73 3.50 0.00 | 55.09 3.51 0.00 | 54.06 3.63 -0.01 | 53.83 3.66 -0.01 | 54.86 3.83 0.00 | 55.79 3.55 0.00 | 59.29 3.78 0.00 | 71.57 4.31 0.00 | 93.37 6.11 0.00 | 82.73 4.76 0.00 | 70.63 4.06 0.00 | 64.74 3.61 0.00 | 59.36 3.41 0.00 | 53.79 3.00 0.00 | 50.55 2.63 0.00 |
| EAST_RIVER___2 323559 | 42.83 2.76 0.00 | 39.19 2.25 0.00 | 37.40 2.05 0.00 | 37.11 2.07 0.00 | 39.27 2.29 0.00 | 42.85 2.58 0.00 | 59.53 3.53 0.00 | 71.58 4.50 0.00 | 59.59 3.59 0.00 | 55.73 3.50 0.00 | 55.14 3.56 0.00 | 54.11 3.68 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.79 3.55 0.00 | 59.29 3.78 0.00 | 71.63 4.37 0.00 | 93.46 6.20 0.00 | 82.73 4.76 0.00 | 70.63 4.06 0.00 | 64.74 3.61 0.00 | 59.30 3.36 0.00 | 53.69 2.89 0.00 | 50.46 2.54 0.00 |
| EAST___DELAWARE_HYD 23607 | 42.59 2.53 0.00 | 39.08 2.14 0.00 | 37.36 2.01 0.00 | 37.07 2.03 0.00 | 39.16 2.18 0.00 | 42.77 2.50 0.00 | 59.64 3.64 0.00 | 71.58 4.50 0.00 | 59.47 3.47 0.00 | 55.41 3.19 0.00 | 54.62 3.04 0.00 | 53.44 3.02 0.00 | 53.28 3.11 0.00 | 54.25 3.22 0.00 | 55.31 3.08 0.00 | 58.90 3.39 0.00 | 71.63 4.37 0.00 | 93.46 6.20 0.00 | 82.97 4.99 0.00 | 70.77 4.20 0.00 | 64.80 3.67 0.00 | 59.41 3.47 0.00 | 53.74 2.94 0.00 | 50.60 2.68 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 36.02 -4.05 0.00 | 33.65 -3.29 0.00 | 32.34 -3.00 0.00 | 31.89 -3.15 0.00 | 33.54 -3.44 0.00 | 36.40 -3.87 0.00 | 51.47 -4.53 0.00 | 60.48 -6.57 0.03 | 50.57 -5.43 0.00 | 47.11 -5.12 0.00 | 46.53 -5.05 0.00 | 45.13 -5.29 0.00 | 44.90 -5.27 0.00 | 46.03 -5.00 0.00 | 47.27 -4.96 0.00 | 50.04 -5.44 0.03 | 60.90 -6.33 0.03 | 79.81 -7.42 0.03 | 72.36 -5.61 0.00 | 61.45 -5.12 0.00 | 56.43 -4.71 0.00 | 51.86 -4.08 0.00 | 48.25 -2.54 0.00 | 46.34 -1.58 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 39.62 -0.44 0.00 | 36.64 -0.30 0.00 | 35.14 -0.21 0.00 | 34.76 -0.28 0.00 | 36.64 -0.33 0.00 | 39.91 -0.36 0.00 | 55.55 -0.45 0.00 | 66.69 -0.40 0.00 | 55.72 -0.28 0.00 | 52.07 -0.16 0.00 | 51.43 -0.15 0.00 | 50.17 -0.25 0.00 | 49.86 -0.30 0.00 | 50.78 -0.26 0.00 | 52.02 -0.21 0.00 | 55.24 -0.28 0.00 | 66.86 -0.40 0.00 | 86.74 -0.52 0.00 | 77.51 -0.47 0.00 | 66.17 -0.40 0.00 | 60.64 -0.49 0.00 | 55.44 -0.50 0.00 | 50.44 -0.36 0.00 | 47.63 -0.29 0.00 |
| ELEC_TRO_TEK 24086 | 43.51 3.45 0.00 | 39.52 2.59 0.00 | 37.65 2.30 0.00 | 37.39 2.35 0.00 | 39.67 2.70 0.00 | 43.37 3.10 0.00 | 59.64 3.64 0.00 | 70.51 3.42 0.00 | 59.36 3.36 0.00 | 55.78 3.55 0.00 | 55.87 4.28 -0.01 | 54.50 4.08 0.00 | 54.58 4.41 -0.01 | 55.23 4.18 -0.01 | 58.34 4.02 -2.09 | 60.08 4.55 -0.01 | 72.84 5.58 0.00 | 94.95 7.68 -0.01 | 84.22 6.24 -0.01 | 71.91 5.33 -0.01 | 66.03 4.89 -0.01 | 60.15 4.20 -0.01 | 56.82 3.61 -2.42 | 51.34 3.40 -0.02 |
| ELLENBURG_WT_PWR 323604 | 38.66 -1.40 0.00 | 35.61 -1.33 0.00 | 34.08 -1.27 0.00 | 33.81 -1.23 0.00 | 35.72 -1.26 0.00 | 38.94 -1.33 0.00 | 54.32 -1.68 0.00 | 65.01 -2.08 0.00 | 54.37 -1.63 0.00 | 50.66 -1.57 0.00 | 50.08 -1.50 0.00 | 49.01 -1.41 0.00 | 48.66 -1.50 0.00 | 49.30 -1.74 0.00 | 50.61 -1.62 0.00 | 53.74 -1.78 0.00 | 65.38 -1.88 0.00 | 84.65 -2.62 0.00 | 75.64 -2.34 0.00 | 64.71 -1.86 0.00 | 59.61 -1.53 0.00 | 54.60 -1.34 0.00 | 49.57 -1.22 0.00 | 46.67 -1.25 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 36.74 -3.33 0.00 | 34.46 -2.47 0.00 | 33.19 -2.16 0.00 | 32.62 -2.42 0.00 | 34.16 -2.81 0.00 | 36.93 -3.34 0.00 | 50.96 -5.04 0.00 | 60.57 -6.51 0.01 | 51.18 -4.82 0.00 | 48.21 -4.02 0.00 | 47.71 -3.87 0.00 | 46.23 -4.18 0.00 | 46.00 -4.16 0.00 | 46.95 -4.08 0.00 | 48.11 -4.13 0.00 | 50.61 -4.89 0.01 | 61.13 -6.12 0.01 | 79.13 -8.12 0.01 | 71.42 -6.55 0.00 | 60.85 -5.73 0.00 | 55.63 -5.50 0.00 | 51.41 -4.53 0.00 | 48.05 -2.74 0.00 | 46.24 -1.68 0.00 |
| EMPIRE_CC_1 323656 | 41.31 1.24 0.00 | 38.01 1.07 0.00 | 36.37 1.03 0.00 | 36.06 1.02 0.00 | 38.05 1.07 0.00 | 41.44 1.17 0.00 | 57.12 1.12 0.00 | 68.50 1.41 0.00 | 57.01 1.01 0.00 | 53.06 0.83 0.00 | 52.25 0.67 0.00 | 51.18 0.76 0.00 | 50.96 0.80 0.00 | 51.85 0.81 0.00 | 53.17 0.94 0.00 | 56.62 1.11 0.00 | 68.54 1.27 0.00 | 89.18 1.92 0.00 | 79.45 1.48 0.00 | 67.83 1.26 0.00 | 62.35 1.22 0.00 | 57.00 1.06 0.00 | 51.60 0.81 0.00 | 49.07 1.15 0.00 |
| EMPIRE_CC_2 323658 | 41.31 1.24 0.00 | 38.01 1.07 0.00 | 36.37 1.03 0.00 | 36.06 1.02 0.00 | 38.05 1.07 0.00 | 41.44 1.17 0.00 | 57.12 1.12 0.00 | 68.50 1.41 0.00 | 57.01 1.01 0.00 | 53.06 0.83 0.00 | 52.25 0.67 0.00 | 51.18 0.76 0.00 | 50.96 0.80 0.00 | 51.85 0.81 0.00 | 53.17 0.94 0.00 | 56.62 1.11 0.00 | 68.54 1.27 0.00 | 89.18 1.92 0.00 | 79.45 1.48 0.00 | 67.83 1.26 0.00 | 62.35 1.22 0.00 | 57.00 1.06 0.00 | 51.60 0.81 0.00 | 49.07 1.15 0.00 |
| ENORWICH_115KV_TB1 80156 | 41.71 1.64 0.00 | 38.56 1.63 0.00 | 36.87 1.52 0.00 | 36.44 1.40 0.00 | 38.57 1.59 0.00 | 42.12 1.85 0.00 | 59.70 3.70 0.00 | 72.20 5.10 -0.02 | 60.03 4.03 0.00 | 55.88 3.66 0.00 | 54.99 3.40 0.00 | 53.75 3.33 0.00 | 53.57 3.41 0.00 | 54.40 3.37 0.00 | 55.89 3.66 0.00 | 59.64 4.11 -0.02 | 72.79 5.52 -0.02 | 95.05 7.77 -0.02 | 84.52 6.55 0.00 | 72.03 5.46 0.00 | 65.84 4.71 0.00 | 59.69 3.75 0.00 | 54.30 3.50 0.00 | 51.08 3.16 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 36.86 -3.21 0.00 | 34.57 -2.36 0.00 | 33.33 -2.01 0.00 | 32.76 -2.28 0.00 | 34.31 -2.66 0.00 | 37.13 -3.14 0.00 | 51.41 -4.59 0.00 | 61.30 -5.77 0.02 | 51.63 -4.37 0.00 | 48.47 -3.76 0.00 | 48.02 -3.56 0.00 | 46.49 -3.93 0.00 | 46.30 -3.86 0.00 | 47.31 -3.73 0.00 | 48.47 -3.76 0.00 | 51.28 -4.22 0.02 | 62.00 -5.25 0.02 | 81.14 -6.11 0.02 | 72.20 -5.77 0.00 | 61.45 -5.13 0.00 | 56.12 -5.01 0.00 | 51.92 -4.03 0.00 | 48.45 -2.34 0.00 | 46.58 -1.34 0.00 |
| ERIE_WT_PWR 323693 | 36.78 -3.28 0.00 | 34.46 -2.47 0.00 | 33.08 -2.26 0.00 | 32.66 -2.38 0.00 | 34.20 -2.77 0.00 | 37.01 -3.26 0.00 | 52.08 -3.92 0.00 | 60.84 -6.24 0.02 | 51.41 -4.59 0.00 | 48.26 -3.97 0.00 | 47.77 -3.82 0.00 | 46.29 -4.13 0.00 | 46.05 -4.11 0.00 | 47.05 -3.98 0.00 | 48.21 -4.02 0.00 | 50.78 -4.72 0.02 | 61.26 -5.99 0.02 | 79.74 -7.51 0.02 | 72.59 -5.38 0.00 | 61.05 -5.52 0.00 | 56.18 -4.95 0.00 | 51.80 -4.14 0.00 | 48.35 -2.44 0.00 | 46.48 -1.44 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 40.95 0.88 0.00 | 37.71 0.78 0.00 | 36.05 0.71 0.00 | 35.71 0.67 0.00 | 37.75 0.78 0.00 | 41.31 1.05 0.00 | 59.02 3.02 0.00 | 70.91 3.82 0.00 | 58.63 2.63 0.00 | 54.42 2.19 0.00 | 53.65 2.06 0.00 | 52.44 2.02 0.00 | 52.17 2.01 0.00 | 53.13 2.09 0.00 | 54.64 2.40 0.00 | 58.68 3.16 0.00 | 71.77 4.51 0.00 | 93.55 6.28 0.00 | 80.94 2.96 0.00 | 69.04 2.46 0.00 | 63.33 2.20 0.00 | 57.85 1.90 0.00 | 52.32 1.52 0.00 | 49.21 1.29 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 40.55 0.48 0.00 | 37.49 0.55 0.00 | 35.91 0.57 0.00 | 35.53 0.49 0.00 | 37.49 0.52 0.00 | 40.87 0.60 0.00 | 57.06 1.06 0.00 | 68.67 1.54 -0.04 | 57.23 1.23 0.00 | 53.38 1.15 0.00 | 52.61 1.03 0.00 | 51.33 0.91 0.00 | 51.02 0.85 0.00 | 51.95 0.92 0.00 | 53.23 0.99 0.00 | 56.66 1.11 -0.04 | 68.78 1.48 -0.04 | 89.31 2.01 -0.04 | 79.92 1.95 0.00 | 68.24 1.66 0.00 | 62.54 1.41 0.00 | 57.06 1.12 0.00 | 51.96 1.17 0.00 | 49.02 1.10 0.00 |
| ETNA____115KV_TB2 80207 | 40.55 0.48 0.00 | 37.49 0.55 0.00 | 35.91 0.57 0.00 | 35.53 0.49 0.00 | 37.49 0.52 0.00 | 40.87 0.60 0.00 | 57.06 1.06 0.00 | 68.67 1.54 -0.04 | 57.23 1.23 0.00 | 53.38 1.15 0.00 | 52.61 1.03 0.00 | 51.33 0.91 0.00 | 51.02 0.85 0.00 | 51.95 0.92 0.00 | 53.23 0.99 0.00 | 56.66 1.11 -0.04 | 68.78 1.48 -0.04 | 89.31 2.01 -0.04 | 79.92 1.95 0.00 | 68.24 1.66 0.00 | 62.54 1.41 0.00 | 57.06 1.12 0.00 | 51.96 1.17 0.00 | 49.02 1.10 0.00 |
| EUCLID__115KV_TB2 356179 | 39.38 -0.68 0.00 | 36.46 -0.48 0.00 | 34.92 -0.42 0.00 | 34.55 -0.49 0.00 | 36.46 -0.52 0.00 | 39.66 -0.60 0.00 | 55.10 -0.90 0.00 | 66.15 -0.94 0.00 | 55.33 -0.67 0.00 | 51.65 -0.57 0.00 | 51.07 -0.52 0.00 | 49.81 -0.61 0.00 | 49.56 -0.60 0.00 | 50.42 -0.61 0.00 | 51.66 -0.57 0.00 | 54.85 -0.67 0.00 | 66.39 -0.87 0.00 | 85.96 -1.31 0.00 | 76.96 -1.01 0.00 | 65.64 -0.93 0.00 | 60.15 -0.98 0.00 | 55.05 -0.90 0.00 | 50.13 -0.66 0.00 | 47.30 -0.62 0.00 |
| E_CANADA_CAP_HY 24051 | 41.03 0.96 0.00 | 37.75 0.81 0.00 | 36.12 0.78 0.00 | 35.78 0.74 0.00 | 37.83 0.85 0.00 | 41.47 1.21 0.00 | 58.46 2.46 0.00 | 70.11 3.02 0.00 | 57.62 1.63 0.00 | 53.06 0.83 0.00 | 52.20 0.62 0.00 | 51.13 0.71 0.00 | 50.87 0.70 0.00 | 51.85 0.81 0.00 | 53.49 1.25 0.00 | 57.46 1.94 0.00 | 70.36 3.10 0.00 | 91.89 4.62 0.00 | 80.70 2.73 0.00 | 68.84 2.26 0.00 | 63.33 2.20 0.00 | 57.95 2.01 0.00 | 52.27 1.47 0.00 | 49.16 1.24 0.00 |
| E_CANADA_MHWK_HY 24050 | 41.51 1.44 0.00 | 38.30 1.37 0.00 | 36.62 1.27 0.00 | 36.27 1.23 0.00 | 38.30 1.33 0.00 | 41.72 1.45 0.00 | 57.90 1.91 0.00 | 69.44 2.35 0.00 | 57.90 1.91 0.00 | 54.00 1.78 0.00 | 53.34 1.75 0.00 | 52.29 1.87 0.00 | 52.07 1.91 0.00 | 53.02 1.99 0.00 | 54.27 2.04 0.00 | 57.57 2.06 0.00 | 69.82 2.56 0.00 | 90.67 3.40 0.00 | 81.17 3.20 0.00 | 69.30 2.73 0.00 | 63.64 2.51 0.00 | 58.46 2.52 0.00 | 53.18 2.39 0.00 | 50.22 2.30 0.00 |
| E_FISHKILL__LBMP 23776 | 42.27 2.20 0.00 | 38.75 1.81 0.00 | 37.01 1.66 0.00 | 36.76 1.72 0.00 | 38.82 1.85 0.00 | 42.36 2.09 0.00 | 59.02 3.02 0.00 | 70.51 3.42 0.00 | 58.69 2.69 0.00 | 54.79 2.56 0.00 | 54.16 2.58 0.00 | 53.04 2.62 0.00 | 52.87 2.71 0.00 | 53.84 2.81 0.00 | 54.85 2.61 0.00 | 58.35 2.83 0.00 | 70.62 3.36 0.00 | 92.06 4.80 0.00 | 81.72 3.74 0.00 | 69.77 3.20 0.00 | 64.01 2.87 0.00 | 58.63 2.69 0.00 | 53.08 2.29 0.00 | 49.98 2.06 0.00 |
| FALCON__SEABRD_CC1 323796 | 38.78 -1.28 0.00 | 35.72 -1.22 0.00 | 34.15 -1.20 0.00 | 33.92 -1.12 0.00 | 35.83 -1.15 0.00 | 39.06 -1.21 0.00 | 54.54 -1.46 0.00 | 65.28 -1.81 0.00 | 54.60 -1.40 0.00 | 50.87 -1.36 0.00 | 50.34 -1.24 0.00 | 49.26 -1.16 0.00 | 48.86 -1.30 0.00 | 49.50 -1.53 0.00 | 50.77 -1.46 0.00 | 54.02 -1.50 0.00 | 65.72 -1.54 0.00 | 85.09 -2.18 0.00 | 76.03 -1.95 0.00 | 65.04 -1.53 0.00 | 59.91 -1.22 0.00 | 54.94 -1.01 0.00 | 49.78 -1.02 0.00 | 46.91 -1.01 0.00 |
| FALCON__SEABRD_CC2 323797 | 38.78 -1.28 0.00 | 35.72 -1.22 0.00 | 34.15 -1.20 0.00 | 33.92 -1.12 0.00 | 35.83 -1.15 0.00 | 39.06 -1.21 0.00 | 54.54 -1.46 0.00 | 65.28 -1.81 0.00 | 54.60 -1.40 0.00 | 50.87 -1.36 0.00 | 50.34 -1.24 0.00 | 49.26 -1.16 0.00 | 48.86 -1.30 0.00 | 49.50 -1.53 0.00 | 50.77 -1.46 0.00 | 54.02 -1.50 0.00 | 65.72 -1.54 0.00 | 85.09 -2.18 0.00 | 76.03 -1.95 0.00 | 65.04 -1.53 0.00 | 59.91 -1.22 0.00 | 54.94 -1.01 0.00 | 49.78 -1.02 0.00 | 46.91 -1.01 0.00 |

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| FAR ROCKAWAY___4 23548 | 44.07 4.01 0.00 | 40.00 3.07 0.00 | 38.10 2.76 0.00 | 37.85 2.80 0.00 | 40.15 3.18 0.00 | 43.89 3.62 0.00 | 60.37 4.37 0.00 | 71.32 4.23 0.00 | 60.09 4.09 0.00 | 56.41 4.18 0.00 | 56.64 5.06 -0.01 | 55.16 4.74 0.00 | 55.34 5.17 -0.01 | 56.00 4.95 -0.01 | 59.24 4.81 -2.20 | 60.97 5.44 -0.01 | 74.05 6.79 0.00 | 96.52 9.25 -0.01 | 85.62 7.64 -0.01 | 73.17 6.59 -0.01 | 67.07 5.93 -0.01 | 61.10 5.15 -0.01 | 57.76 4.42 -2.55 | 52.11 4.17 -0.02 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.38 2.40 0.00 | 42.97 2.70 0.00 | 59.92 3.92 0.00 | 71.65 4.56 0.00 | 59.58 3.58 0.00 | 55.73 3.50 0.00 | 55.09 3.51 0.00 | 54.05 3.63 0.00 | 53.83 3.66 0.00 | 54.81 3.78 0.00 | 55.79 3.55 0.00 | 59.29 3.77 0.00 | 71.63 4.37 0.00 | 93.46 6.20 0.00 | 82.65 4.68 0.00 | 70.63 4.06 0.00 | 64.86 3.73 0.00 | 59.41 3.47 0.00 | 53.84 3.05 0.00 | 50.55 2.64 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.50 2.16 0.00 | 37.25 2.21 0.00 | 39.38 2.40 0.00 | 42.97 2.70 0.00 | 59.92 3.92 0.00 | 71.65 4.56 0.00 | 59.58 3.58 0.00 | 55.73 3.50 0.00 | 55.09 3.51 0.00 | 54.05 3.63 0.00 | 53.83 3.66 0.00 | 54.86 3.83 0.00 | 55.79 3.55 0.00 | 59.29 3.77 0.00 | 71.70 4.44 0.00 | 93.46 6.20 0.00 | 82.73 4.76 0.00 | 70.63 4.06 0.00 | 64.86 3.73 0.00 | 59.41 3.47 0.00 | 53.84 3.05 0.00 | 50.60 2.68 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.47 2.12 0.00 | 37.21 2.17 0.00 | 39.38 2.40 0.00 | 42.93 2.66 0.00 | 59.86 3.86 0.00 | 71.58 4.49 0.00 | 59.58 3.58 0.00 | 55.73 3.50 0.00 | 55.09 3.51 0.00 | 54.00 3.58 0.00 | 53.83 3.66 0.00 | 54.81 3.78 0.00 | 55.79 3.55 0.00 | 59.23 3.72 0.00 | 71.63 4.37 0.00 | 93.37 6.11 0.00 | 82.65 4.68 0.00 | 70.63 4.06 0.00 | 64.80 3.67 0.00 | 59.36 3.41 0.00 | 53.79 3.00 0.00 | 50.55 2.64 0.00 |
| FARRAGUT___LBMP 323566 | 42.91 2.84 0.00 | 39.30 2.36 0.00 | 37.47 2.12 0.00 | 37.21 2.17 0.00 | 39.34 2.37 0.00 | 42.93 2.66 0.00 | 59.86 3.86 0.00 | 71.52 4.43 0.00 | 59.53 3.53 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 53.95 3.53 0.00 | 53.78 3.61 0.00 | 54.76 3.73 0.00 | 55.73 3.50 0.00 | 59.23 3.72 0.00 | 71.57 4.30 0.00 | 93.29 6.02 0.00 | 82.57 4.60 0.00 | 70.57 3.99 0.00 | 64.80 3.67 0.00 | 59.36 3.41 0.00 | 53.79 3.00 0.00 | 50.51 2.59 0.00 |
| FENNER___WINDPWR 24204 | 40.75 0.68 0.00 | 37.64 0.70 0.00 | 36.05 0.71 0.00 | 35.67 0.63 0.00 | 37.68 0.70 0.00 | 41.07 0.81 0.00 | 57.34 1.34 0.00 | 68.97 1.88 -0.01 | 57.51 1.51 0.00 | 53.64 1.41 0.00 | 52.98 1.39 0.00 | 51.73 1.31 0.00 | 51.47 1.30 0.00 | 52.36 1.32 0.00 | 53.64 1.41 0.00 | 57.02 1.50 -0.01 | 69.08 1.82 -0.01 | 89.63 2.36 -0.01 | 80.24 2.26 0.00 | 68.43 1.86 0.00 | 62.72 1.59 0.00 | 57.28 1.34 0.00 | 52.06 1.27 0.00 | 49.07 1.15 0.00 |
| FIBERTEK___ENERGY 23856 | 39.87 -0.20 0.00 | 36.86 -0.07 0.00 | 35.35 0.00 0.00 | 34.97 -0.07 0.00 | 36.86 -0.11 0.00 | 40.11 -0.16 0.00 | 55.89 -0.11 0.00 | 67.09 0.00 0.00 | 56.11 0.11 0.00 | 52.44 0.21 0.00 | 51.79 0.21 0.00 | 50.52 0.10 0.00 | 50.26 0.10 0.00 | 51.14 0.10 0.00 | 52.39 0.16 0.00 | 55.63 0.11 0.00 | 67.33 0.07 0.00 | 87.27 0.00 0.00 | 78.05 0.08 0.00 | 66.64 0.07 0.00 | 61.07 -0.06 0.00 | 55.78 -0.17 0.00 | 50.74 -0.05 0.00 | 47.87 -0.05 0.00 |
| FITZPATRICK___ 23598 | 38.90 -1.16 0.00 | 35.97 -0.96 0.00 | 34.43 -0.92 0.00 | 34.13 -0.91 0.00 | 35.98 -1.00 0.00 | 39.10 -1.17 0.00 | 54.43 -1.57 0.00 | 65.21 -1.88 0.00 | 54.49 -1.51 0.00 | 50.87 -1.36 0.00 | 50.24 -1.34 0.00 | 49.06 -1.36 0.00 | 48.76 -1.40 0.00 | 49.66 -1.38 0.00 | 50.83 -1.41 0.00 | 54.02 -1.50 0.00 | 65.38 -1.88 0.00 | 84.73 -2.53 0.00 | 75.87 -2.10 0.00 | 64.71 -1.86 0.00 | 59.30 -1.83 0.00 | 54.27 -1.68 0.00 | 49.32 -1.47 0.00 | 46.58 -1.34 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 42.63 2.56 0.00 | 39.08 2.14 0.00 | 37.36 2.01 0.00 | 37.07 2.03 0.00 | 39.19 2.22 0.00 | 42.76 2.50 0.00 | 59.64 3.64 0.00 | 71.32 4.23 0.00 | 59.30 3.30 0.00 | 55.31 3.08 0.00 | 54.57 2.99 0.00 | 53.44 3.03 0.00 | 53.27 3.11 0.00 | 54.25 3.22 0.00 | 55.26 3.03 0.00 | 58.84 3.33 0.00 | 71.50 4.24 0.00 | 93.11 5.85 0.00 | 82.73 4.76 0.00 | 70.63 4.06 0.00 | 64.68 3.55 0.00 | 59.30 3.36 0.00 | 53.64 2.84 0.00 | 50.51 2.59 0.00 |
| FORT ORANGE___ 23900 | 41.19 1.12 0.00 | 37.93 1.00 0.00 | 36.30 0.95 0.00 | 35.95 0.91 0.00 | 37.97 1.00 0.00 | 41.31 1.05 0.00 | 57.01 1.01 0.00 | 68.36 1.27 0.00 | 56.62 0.62 0.00 | 52.70 0.47 0.00 | 51.95 0.36 0.00 | 50.87 0.45 0.00 | 50.61 0.45 0.00 | 51.54 0.51 0.00 | 52.81 0.58 0.00 | 56.23 0.72 0.00 | 68.13 0.87 0.00 | 88.66 1.39 0.00 | 78.98 1.01 0.00 | 67.44 0.86 0.00 | 61.99 0.86 0.00 | 56.67 0.73 0.00 | 51.30 0.51 0.00 | 48.59 0.67 0.00 |
| FORT_DRUM_COGEN 23780 | 40.23 0.16 0.00 | 37.16 0.22 0.00 | 35.49 0.14 0.00 | 35.11 0.07 0.00 | 37.16 0.18 0.00 | 40.55 0.28 0.00 | 56.67 0.67 0.00 | 68.50 1.41 0.00 | 57.01 1.01 0.00 | 53.32 1.10 0.00 | 52.61 1.03 0.00 | 51.33 0.91 0.00 | 51.07 0.90 0.00 | 51.80 0.77 0.00 | 53.12 0.89 0.00 | 56.12 0.61 0.00 | 68.13 0.87 0.00 | 88.66 1.40 0.00 | 79.84 1.87 0.00 | 68.24 1.66 0.00 | 62.66 1.53 0.00 | 57.23 1.29 0.00 | 51.91 1.12 0.00 | 48.73 0.81 0.00 |
| FOX_HILLS___ESR 323835 | 43.32 3.25 -0.01 | 39.71 2.77 -0.01 | 37.87 2.51 -0.01 | 37.57 2.52 -0.01 | 39.83 2.85 -0.01 | 43.25 2.98 0.00 | 59.53 3.53 0.00 | 70.98 3.89 0.00 | 59.08 3.08 0.00 | 55.57 3.34 0.00 | 54.93 3.35 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.76 3.73 0.00 | 55.52 3.29 0.00 | 58.79 3.28 0.00 | 71.02 3.77 0.01 | 92.67 5.41 0.01 | 82.10 4.13 0.01 | 70.03 3.46 0.01 | 64.24 3.12 0.01 | 59.08 3.13 0.01 | 54.14 3.35 0.00 | 50.89 2.97 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 44.07 4.01 0.00 | 40.00 3.06 0.00 | 38.18 2.83 0.00 | 37.85 2.80 0.00 | 40.16 3.18 0.00 | 43.89 3.63 0.00 | 59.98 3.98 0.00 | 71.32 4.23 0.00 | 59.92 3.92 0.00 | 56.41 4.18 0.00 | 56.65 5.06 -0.01 | 55.16 4.74 0.00 | 55.34 5.17 -0.01 | 56.00 4.95 -0.01 | 59.24 4.80 -2.20 | 60.97 5.44 -0.01 | 73.92 6.66 0.00 | 96.52 9.25 -0.01 | 85.70 7.72 -0.01 | 73.11 6.53 -0.01 | 67.01 5.87 -0.01 | 61.16 5.20 -0.01 | 57.71 4.37 -2.55 | 52.11 4.17 -0.02 |
| FPL_FAR_ROCK_GT2 23815 | 44.07 4.01 0.00 | 40.00 3.06 0.00 | 38.18 2.83 0.00 | 37.85 2.80 0.00 | 40.16 3.18 0.00 | 43.89 3.63 0.00 | 59.98 3.98 0.00 | 71.32 4.23 0.00 | 59.92 3.92 0.00 | 56.41 4.18 0.00 | 56.65 5.06 -0.01 | 55.16 4.74 0.00 | 55.34 5.17 -0.01 | 56.00 4.95 -0.01 | 59.24 4.80 -2.20 | 60.97 5.44 -0.01 | 73.92 6.66 0.00 | 96.52 9.25 -0.01 | 85.70 7.72 -0.01 | 73.11 6.53 -0.01 | 67.01 5.87 -0.01 | 61.16 5.20 -0.01 | 57.71 4.37 -2.55 | 52.11 4.17 -0.02 |
| FRANKLIN_FALL_HYD 24054 | 39.18 -0.88 0.00 | 36.09 -0.85 0.00 | 34.46 -0.88 0.00 | 34.27 -0.77 0.00 | 36.20 -0.78 0.00 | 39.50 -0.77 0.00 | 55.33 -0.67 0.00 | 66.15 -0.94 0.00 | 55.38 -0.62 0.00 | 51.55 -0.68 0.00 | 50.96 -0.62 0.00 | 49.92 -0.50 0.00 | 49.51 -0.65 0.00 | 50.06 -0.97 0.00 | 51.35 -0.89 0.00 | 54.51 -1.00 0.00 | 66.32 -0.94 0.00 | 85.96 -1.31 0.00 | 76.88 -1.09 0.00 | 65.84 -0.73 0.00 | 60.77 -0.37 0.00 | 55.72 -0.22 0.00 | 50.54 -0.25 0.00 | 47.54 -0.38 0.00 |

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| FREEPORT_EQUS_GT1 23764 | 43.83 3.77 0.00 | 39.78 2.84 0.00 | 37.96 2.62 0.00 | 37.64 2.59 0.00 | 39.97 2.99 0.00 | 43.69 3.42 0.00 | 59.64 3.64 0.00 | 70.84 3.75 0.00 | 59.59 3.59 0.00 | 56.09 3.86 0.00 | 56.28 4.69 -0.01 | 54.80 4.38 0.00 | 54.99 4.82 -0.01 | 55.74 4.69 -0.01 | 58.99 4.54 -2.21 | 60.69 5.16 -0.01 | 73.52 6.26 0.00 | 96.00 8.73 -0.01 | 85.23 7.25 -0.01 | 72.77 6.19 -0.01 | 66.64 5.50 -0.01 | 60.82 4.86 -0.01 | 57.52 4.17 -2.56 | 51.87 3.93 -0.02 |
| FREEPORT___CT2 23818 | 43.83 3.77 0.00 | 39.78 2.84 0.00 | 37.96 2.62 0.00 | 37.64 2.59 0.00 | 39.97 2.99 0.00 | 43.69 3.42 0.00 | 59.64 3.64 0.00 | 70.84 3.75 0.00 | 59.59 3.59 0.00 | 56.09 3.86 0.00 | 56.28 4.69 -0.01 | 54.80 4.38 0.00 | 54.99 4.82 -0.01 | 55.74 4.69 -0.01 | 58.99 4.54 -2.21 | 60.69 5.16 -0.01 | 73.52 6.26 0.00 | 96.00 8.73 -0.01 | 85.23 7.25 -0.01 | 72.77 6.19 -0.01 | 66.64 5.50 -0.01 | 60.82 4.86 -0.01 | 57.52 4.17 -2.56 | 51.87 3.93 -0.02 |
| FRESHKLS_33_KV_LOAD 356253 | 43.56 3.49 -0.01 | 39.90 2.95 -0.01 | 38.04 2.69 -0.01 | 37.78 2.73 -0.01 | 40.05 3.07 -0.01 | 43.41 3.14 0.00 | 59.58 3.58 0.00 | 70.98 3.89 0.00 | 59.08 3.08 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 54.15 3.73 0.00 | 53.98 3.81 0.00 | 54.86 3.83 0.00 | 55.63 3.40 0.00 | 58.84 3.33 0.00 | 71.02 3.77 0.01 | 92.75 5.50 0.01 | 82.18 4.21 0.01 | 70.09 3.53 0.01 | 64.30 3.18 0.01 | 59.19 3.24 0.00 | 54.35 3.56 0.00 | 51.08 3.16 0.00 |
| FULTON COGEN____ 23766 | 39.22 -0.84 0.00 | 36.27 -0.66 0.00 | 34.78 -0.57 0.00 | 34.41 -0.63 0.00 | 36.31 -0.67 0.00 | 39.50 -0.77 0.00 | 54.94 -1.06 0.00 | 66.02 -1.07 0.00 | 55.16 -0.84 0.00 | 51.50 -0.73 0.00 | 50.86 -0.72 0.00 | 49.61 -0.81 0.00 | 49.36 -0.80 0.00 | 50.22 -0.82 0.00 | 51.45 -0.78 0.00 | 54.68 -0.83 0.00 | 66.18 -1.08 0.00 | 85.78 -1.48 0.00 | 76.73 -1.25 0.00 | 65.51 -1.07 0.00 | 60.03 -1.10 0.00 | 54.82 -1.12 0.00 | 49.88 -0.91 0.00 | 47.06 -0.86 0.00 |
| FULTON___LFGE 323630 | 41.75 1.68 0.00 | 38.41 1.48 0.00 | 36.76 1.42 0.00 | 36.41 1.37 0.00 | 38.49 1.52 0.00 | 42.20 1.93 0.00 | 59.25 3.25 0.00 | 70.98 3.89 0.00 | 58.35 2.35 0.00 | 53.69 1.46 0.00 | 52.72 1.13 0.00 | 51.53 1.11 0.00 | 51.27 1.10 0.00 | 52.41 1.38 0.00 | 54.06 1.83 0.00 | 58.12 2.61 0.00 | 71.09 3.83 0.00 | 92.77 5.50 0.00 | 82.03 4.05 0.00 | 69.97 3.39 0.00 | 64.43 3.30 0.00 | 58.85 2.91 0.00 | 53.08 2.29 0.00 | 49.98 2.06 0.00 |
| G.F.CEMENT___DRP 24184 | 42.83 2.76 0.00 | 39.41 2.47 0.00 | 37.72 2.37 0.00 | 37.35 2.31 0.00 | 39.42 2.44 0.00 | 43.13 2.86 0.00 | 60.14 4.14 0.00 | 72.19 5.10 0.00 | 59.86 3.86 0.00 | 55.57 3.34 0.00 | 54.68 3.09 0.00 | 53.34 2.92 0.00 | 53.02 2.86 0.00 | 53.89 3.13 0.00 | 55.37 3.13 0.00 | 59.07 3.55 0.00 | 71.83 4.57 0.00 | 93.55 6.28 0.00 | 83.43 5.46 0.00 | 71.10 4.53 0.00 | 65.72 4.58 0.00 | 59.91 3.97 0.00 | 54.14 3.35 0.00 | 51.08 3.16 0.00 |
| GARDENVILLE___LBMP 24039 | 36.58 -3.49 0.00 | 34.31 -2.62 0.00 | 33.09 -2.26 0.00 | 32.52 -2.52 0.00 | 34.05 -2.92 0.00 | 36.80 -3.46 0.00 | 50.85 -5.15 0.00 | 60.50 -6.57 0.02 | 51.02 -4.98 0.00 | 47.95 -4.28 0.00 | 47.51 -4.07 0.00 | 45.98 -4.44 0.00 | 45.80 -4.36 0.00 | 46.80 -4.24 0.00 | 47.95 -4.28 0.00 | 50.50 -5.00 0.02 | 61.06 -6.19 0.02 | 79.22 -8.03 0.02 | 71.35 -6.63 0.00 | 60.78 -5.79 0.00 | 55.63 -5.50 0.00 | 51.41 -4.53 0.00 | 48.05 -2.74 0.00 | 46.29 -1.63 0.00 |
| GARDNVLA_35_KV_LD 355827 | 36.86 -3.21 0.00 | 34.57 -2.36 0.00 | 33.33 -2.01 0.00 | 32.76 -2.28 0.00 | 34.31 -2.66 0.00 | 37.13 -3.14 0.00 | 51.30 -4.70 0.00 | 61.03 -6.04 0.02 | 51.52 -4.48 0.00 | 48.47 -3.76 0.00 | 48.02 -3.56 0.00 | 46.49 -3.93 0.00 | 46.30 -3.86 0.00 | 47.26 -3.78 0.00 | 48.42 -3.81 0.00 | 51.06 -4.44 0.02 | 61.66 -5.58 0.02 | 80.09 -7.16 0.02 | 72.05 -5.93 0.00 | 61.38 -5.19 0.00 | 56.06 -5.07 0.00 | 51.86 -4.08 0.00 | 48.40 -2.39 0.00 | 46.63 -1.29 0.00 |
| GELCKHM___115KV_LOAD 80723 | 39.58 -0.48 0.00 | 36.60 -0.33 0.00 | 35.06 -0.28 0.00 | 34.73 -0.32 0.00 | 36.61 -0.37 0.00 | 39.82 -0.44 0.00 | 55.38 -0.62 0.00 | 66.48 -0.60 0.00 | 55.61 -0.39 0.00 | 51.97 -0.26 0.00 | 51.32 -0.26 0.00 | 50.07 -0.35 0.00 | 49.81 -0.35 0.00 | 50.73 -0.31 0.00 | 51.92 -0.31 0.00 | 55.18 -0.33 0.00 | 66.72 -0.54 0.00 | 86.48 -0.79 0.00 | 77.35 -0.62 0.00 | 66.04 -0.53 0.00 | 60.52 -0.61 0.00 | 55.33 -0.62 0.00 | 50.33 -0.46 0.00 | 47.54 -0.38 0.00 |
| GENERAL___MILLS 23808 | 36.78 -3.29 0.00 | 34.50 -2.44 0.00 | 33.26 -2.09 0.00 | 32.69 -2.35 0.00 | 34.20 -2.77 0.00 | 37.01 -3.26 0.00 | 51.13 -4.87 0.00 | 60.83 -6.24 0.02 | 51.35 -4.65 0.00 | 48.26 -3.97 0.00 | 47.82 -3.77 0.00 | 46.29 -4.13 0.00 | 46.10 -4.06 0.00 | 47.05 -3.98 0.00 | 48.21 -4.02 0.00 | 50.84 -4.66 0.02 | 61.39 -5.85 0.02 | 79.74 -7.50 0.02 | 71.74 -6.24 0.00 | 61.11 -5.46 0.00 | 55.88 -5.26 0.00 | 51.64 -4.31 0.00 | 48.25 -2.54 0.00 | 46.48 -1.44 0.00 |
| GE_PLASTICS___DRP 24183 | 41.07 1.00 0.00 | 37.79 0.85 0.00 | 36.16 0.81 0.00 | 35.85 0.81 0.00 | 37.83 0.85 0.00 | 41.15 0.89 0.00 | 57.01 1.01 0.00 | 68.23 1.14 0.00 | 56.84 0.84 0.00 | 52.91 0.68 0.00 | 52.20 0.62 0.00 | 51.08 0.66 0.00 | 50.87 0.70 0.00 | 51.80 0.77 0.00 | 53.02 0.78 0.00 | 56.40 0.89 0.00 | 68.40 1.14 0.00 | 88.84 1.57 0.00 | 79.22 1.25 0.00 | 67.64 1.07 0.00 | 62.17 1.04 0.00 | 56.84 0.90 0.00 | 51.45 0.66 0.00 | 48.69 0.77 0.00 |
| GILBOA___1 23756 | 41.23 1.16 0.00 | 37.93 1.00 0.00 | 36.30 0.95 0.00 | 35.99 0.95 0.00 | 37.97 1.00 0.00 | 41.39 1.13 0.00 | 57.45 1.45 0.00 | 68.90 1.81 0.00 | 57.40 1.40 0.00 | 53.53 1.31 0.00 | 52.82 1.24 0.00 | 51.68 1.26 0.00 | 51.47 1.30 0.00 | 52.41 1.38 0.00 | 53.54 1.31 0.00 | 56.95 1.44 0.00 | 68.87 1.61 0.00 | 89.36 2.09 0.00 | 79.61 1.64 0.00 | 68.17 1.60 0.00 | 62.66 1.53 0.00 | 57.34 1.40 0.00 | 52.01 1.22 0.00 | 49.02 1.10 0.00 |
| GILBOA___2 23757 | 41.23 1.16 0.00 | 37.93 1.00 0.00 | 36.30 0.95 0.00 | 35.99 0.95 0.00 | 37.97 1.00 0.00 | 41.39 1.13 0.00 | 57.45 1.45 0.00 | 68.90 1.81 0.00 | 57.40 1.40 0.00 | 53.53 1.31 0.00 | 52.82 1.24 0.00 | 51.68 1.26 0.00 | 51.47 1.30 0.00 | 52.41 1.38 0.00 | 53.54 1.31 0.00 | 56.95 1.44 0.00 | 68.87 1.61 0.00 | 89.36 2.09 0.00 | 79.61 1.64 0.00 | 68.17 1.60 0.00 | 62.66 1.53 0.00 | 57.34 1.40 0.00 | 52.01 1.22 0.00 | 49.02 1.10 0.00 |
| GILBOA___3 23758 | 41.23 1.16 0.00 | 37.93 1.00 0.00 | 36.30 0.95 0.00 | 35.99 0.95 0.00 | 37.97 1.00 0.00 | 41.39 1.13 0.00 | 57.45 1.45 0.00 | 68.90 1.81 0.00 | 57.40 1.40 0.00 | 53.53 1.31 0.00 | 52.82 1.24 0.00 | 51.68 1.26 0.00 | 51.47 1.30 0.00 | 52.41 1.38 0.00 | 53.54 1.31 0.00 | 56.95 1.44 0.00 | 68.87 1.61 0.00 | 89.36 2.09 0.00 | 79.61 1.64 0.00 | 68.17 1.60 0.00 | 62.66 1.53 0.00 | 57.34 1.40 0.00 | 52.01 1.22 0.00 | 49.02 1.10 0.00 |
| GILBOA___4 23759 | 41.23 1.16 0.00 | 37.93 1.00 0.00 | 36.30 0.95 0.00 | 35.99 0.95 0.00 | 37.97 1.00 0.00 | 41.39 1.13 0.00 | 57.45 1.45 0.00 | 68.90 1.81 0.00 | 57.40 1.40 0.00 | 53.53 1.31 0.00 | 52.82 1.24 0.00 | 51.68 1.26 0.00 | 51.47 1.30 0.00 | 52.41 1.38 0.00 | 53.54 1.31 0.00 | 56.95 1.44 0.00 | 68.87 1.61 0.00 | 89.36 2.09 0.00 | 79.61 1.64 0.00 | 68.17 1.60 0.00 | 62.66 1.53 0.00 | 57.34 1.40 0.00 | 52.01 1.22 0.00 | 49.02 1.10 0.00 |

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| GILBOA____ 23599 | 41.23 1.16 0.00 | 37.93 1.00 0.00 | 36.27 0.92 0.00 | 35.99 0.95 0.00 | 37.97 1.00 0.00 | 41.40 1.13 0.00 | 57.51 1.51 0.00 | 68.90 1.81 0.00 | 57.40 1.40 0.00 | 53.53 1.31 0.00 | 52.82 1.24 0.00 | 51.68 1.26 0.00 | 51.47 1.30 0.00 | 52.41 1.38 0.00 | 53.54 1.31 0.00 | 56.96 1.44 0.00 | 68.87 1.61 0.00 | 89.36 2.09 0.00 | 79.84 1.87 0.00 | 68.17 1.60 0.00 | 62.72 1.59 0.00 | 57.34 1.40 0.00 | 52.01 1.22 0.00 | 49.02 1.10 0.00 |
| GINNA____ 23603 | 36.86 -3.21 0.00 | 34.28 -2.66 0.00 | 32.80 -2.55 0.00 | 32.49 -2.56 0.00 | 34.13 -2.85 0.00 | 37.21 -3.06 0.00 | 52.25 -3.75 0.00 | 61.98 -5.10 0.01 | 52.19 -3.81 0.00 | 48.88 -3.34 0.00 | 48.59 -2.99 0.00 | 47.24 -3.17 0.00 | 46.90 -3.26 0.00 | 47.72 -3.32 0.00 | 48.99 -3.24 0.00 | 51.68 -3.83 0.01 | 62.61 -4.64 0.01 | 80.62 -6.64 0.01 | 73.06 -4.91 0.00 | 61.78 -4.79 0.00 | 56.85 -4.28 0.00 | 51.97 -3.97 0.00 | 47.69 -3.10 0.00 | 45.24 -2.68 0.00 |
| GLEN PARK____ 23778 | 40.38 0.32 0.00 | 37.30 0.37 0.00 | 35.63 0.28 0.00 | 35.25 0.21 0.00 | 37.31 0.33 0.00 | 40.71 0.44 0.00 | 57.06 1.06 0.00 | 68.90 1.81 0.00 | 57.29 1.29 0.00 | 53.64 1.41 0.00 | 52.87 1.29 0.00 | 51.58 1.16 0.00 | 51.32 1.15 0.00 | 52.05 1.02 0.00 | 53.38 1.15 0.00 | 56.35 0.83 0.00 | 68.47 1.21 0.00 | 89.18 1.92 0.00 | 80.47 2.49 0.00 | 68.70 2.13 0.00 | 63.03 1.90 0.00 | 57.51 1.56 0.00 | 52.21 1.42 0.00 | 48.93 1.01 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 43.11 3.04 0.00 | 39.48 2.55 0.00 | 37.65 2.30 0.00 | 37.35 2.31 0.00 | 39.60 2.63 0.00 | 43.13 2.86 0.00 | 59.92 3.92 0.00 | 71.45 4.36 0.00 | 59.58 3.58 0.00 | 55.83 3.60 0.00 | 55.19 3.61 0.00 | 54.10 3.68 0.00 | 53.93 3.76 0.00 | 54.96 3.93 0.00 | 55.84 3.60 0.00 | 59.23 3.72 0.00 | 71.49 4.24 0.01 | 93.19 5.93 0.01 | 82.49 4.52 0.01 | 70.49 3.93 0.01 | 64.73 3.61 0.01 | 59.36 3.41 0.00 | 53.99 3.20 0.00 | 50.65 2.73 0.00 |
| GLENWOOD_IC_1_G5 23712 | 43.27 3.21 0.00 | 39.45 2.51 0.00 | 37.61 2.26 0.00 | 37.35 2.31 0.00 | 39.56 2.59 0.00 | 43.21 2.94 0.00 | 59.86 3.86 0.00 | 71.11 4.03 0.00 | 59.58 3.58 0.00 | 55.78 3.55 0.00 | 55.61 4.02 -0.01 | 54.30 3.88 0.00 | 54.28 4.11 -0.01 | 55.18 4.13 -0.01 | 57.96 3.92 -1.81 | 59.86 4.33 -0.01 | 72.51 5.25 0.00 | 94.51 7.24 -0.01 | 83.83 5.85 -0.01 | 71.57 4.99 -0.01 | 65.66 4.52 -0.01 | 59.98 4.03 -0.01 | 56.35 3.45 -2.10 | 51.14 3.21 -0.01 |
| GLENWOOD_IC_2_G1 23688 | 42.95 2.89 0.00 | 39.23 2.29 0.00 | 37.50 2.16 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.97 2.70 0.00 | 59.36 3.36 0.00 | 71.11 4.03 0.00 | 59.30 3.30 0.00 | 55.52 3.29 0.00 | 55.09 3.51 0.00 | 53.95 3.53 0.00 | 53.82 3.66 0.00 | 54.76 3.72 0.00 | 55.73 3.50 0.00 | 59.34 3.83 0.00 | 71.77 4.51 0.00 | 93.63 6.37 0.00 | 83.04 5.07 0.00 | 70.90 4.32 0.00 | 64.99 3.85 0.00 | 59.53 3.58 0.00 | 53.84 3.05 0.00 | 50.70 2.78 0.00 |
| GLENWOOD_IC_3_G1 23689 | 42.95 2.89 0.00 | 39.23 2.29 0.00 | 37.50 2.16 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.97 2.70 0.00 | 59.36 3.36 0.00 | 71.11 4.03 0.00 | 59.30 3.30 0.00 | 55.52 3.29 0.00 | 55.09 3.51 0.00 | 53.95 3.53 0.00 | 53.82 3.66 0.00 | 54.76 3.72 0.00 | 55.73 3.50 0.00 | 59.34 3.83 0.00 | 71.77 4.51 0.00 | 93.63 6.37 0.00 | 83.04 5.07 0.00 | 70.90 4.32 0.00 | 64.99 3.85 0.00 | 59.53 3.58 0.00 | 53.84 3.05 0.00 | 50.70 2.78 0.00 |
| GLENWOOD____4 23550 | 43.27 3.21 0.00 | 39.45 2.51 0.00 | 37.61 2.26 0.00 | 37.35 2.31 0.00 | 39.56 2.59 0.00 | 43.21 2.94 0.00 | 59.86 3.86 0.00 | 71.11 4.03 0.00 | 59.58 3.58 0.00 | 55.78 3.55 0.00 | 55.61 4.02 -0.01 | 54.30 3.88 0.00 | 54.28 4.11 -0.01 | 55.18 4.13 -0.01 | 57.96 3.92 -1.81 | 59.86 4.33 -0.01 | 72.51 5.25 0.00 | 94.51 7.24 -0.01 | 83.83 5.85 -0.01 | 71.57 4.99 -0.01 | 65.66 4.52 -0.01 | 59.98 4.03 -0.01 | 56.35 3.45 -2.10 | 51.14 3.21 -0.01 |
| GLENWOOD____5 23614 | 43.27 3.21 0.00 | 39.45 2.51 0.00 | 37.61 2.26 0.00 | 37.35 2.31 0.00 | 39.56 2.59 0.00 | 43.21 2.94 0.00 | 59.86 3.86 0.00 | 71.11 4.03 0.00 | 59.58 3.58 0.00 | 55.78 3.55 0.00 | 55.61 4.02 -0.01 | 54.30 3.88 0.00 | 54.28 4.11 -0.01 | 55.18 4.13 -0.01 | 57.96 3.92 -1.81 | 59.86 4.33 -0.01 | 72.51 5.25 0.00 | 94.51 7.24 -0.01 | 83.83 5.85 -0.01 | 71.57 4.99 -0.01 | 65.66 4.52 -0.01 | 59.98 4.03 -0.01 | 56.35 3.45 -2.10 | 51.14 3.21 -0.01 |
| GLOBAL GREEN_PORT_GT1 23814 | 44.15 4.09 0.00 | 39.93 2.99 0.00 | 38.07 2.72 0.00 | 37.78 2.74 0.00 | 40.19 3.22 0.00 | 43.97 3.70 0.00 | 59.42 3.42 0.00 | 70.24 3.15 0.00 | 59.47 3.47 0.00 | 56.09 3.86 0.00 | 56.80 5.21 -0.01 | 54.91 4.49 0.00 | 55.24 5.06 -0.01 | 56.31 5.26 -0.02 | 60.03 5.33 -2.46 | 61.47 5.94 -0.02 | 74.53 7.27 0.00 | 97.22 9.94 -0.01 | 86.33 8.35 -0.01 | 73.63 7.05 -0.01 | 67.25 6.11 -0.01 | 61.65 5.65 -0.06 | 58.32 4.67 -2.86 | 52.58 4.65 -0.02 |
| GLOBE____DSASP 323697 | 35.94 -4.13 0.00 | 33.72 -3.21 0.00 | 32.48 -2.86 0.00 | 31.92 -3.12 0.00 | 33.39 -3.59 0.00 | 36.12 -4.15 0.00 | 49.50 -6.50 0.00 | 58.82 -8.25 0.01 | 49.78 -6.22 0.00 | 47.06 -5.17 0.00 | 46.63 -4.95 0.00 | 45.18 -5.24 0.00 | 44.90 -5.27 0.00 | 45.83 -5.21 0.00 | 46.96 -5.28 0.00 | 49.23 -6.27 0.01 | 59.18 -8.07 0.01 | 76.08 -11.17 0.01 | 69.24 -8.73 0.00 | 59.05 -7.52 0.00 | 54.10 -7.03 0.00 | 50.01 -5.93 0.00 | 46.68 -4.11 0.00 | 45.04 -2.88 0.00 |
| GOETHSLN____LBMP 323567 | 42.79 2.72 0.00 | 39.19 2.25 0.00 | 37.36 2.01 0.00 | 37.07 2.03 0.00 | 39.23 2.26 0.00 | 42.76 2.50 0.00 | 59.64 3.64 0.00 | 71.32 4.23 0.00 | 59.30 3.30 0.00 | 55.47 3.24 0.00 | 54.83 3.25 0.00 | 53.80 3.38 0.00 | 53.57 3.41 0.00 | 54.55 3.52 0.00 | 55.52 3.29 0.00 | 59.01 3.50 0.00 | 71.30 4.04 0.00 | 92.94 5.67 0.00 | 82.26 4.29 0.00 | 70.30 3.73 0.00 | 64.56 3.42 0.00 | 59.08 3.13 0.00 | 53.53 2.74 0.00 | 50.32 2.40 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 38.38 -1.68 0.00 | 35.83 -1.11 0.00 | 34.39 -0.95 0.00 | 33.92 -1.12 0.00 | 35.61 -1.37 0.00 | 38.70 -1.57 0.00 | 53.59 -2.41 0.00 | 64.06 -3.02 0.01 | 53.93 -2.07 0.00 | 50.66 -1.57 0.00 | 50.29 -1.29 0.00 | 48.76 -1.66 0.00 | 48.41 -1.76 0.00 | 49.30 -1.74 0.00 | 50.56 -1.67 0.00 | 53.12 -2.39 0.01 | 64.02 -3.23 0.01 | 82.72 -4.54 0.01 | 74.85 -3.12 0.00 | 63.84 -2.73 0.00 | 58.56 -2.57 0.00 | 53.76 -2.18 0.00 | 49.62 -1.17 0.00 | 47.44 -0.48 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 41.31 1.24 0.00 | 38.04 1.11 0.00 | 36.37 1.03 0.00 | 36.02 0.98 0.00 | 38.08 1.11 0.00 | 41.56 1.29 0.00 | 59.92 3.92 0.00 | 71.99 4.90 0.00 | 59.86 3.86 0.00 | 55.78 3.55 0.00 | 55.04 3.46 0.00 | 53.80 3.38 0.00 | 53.57 3.41 0.00 | 54.40 3.37 0.00 | 55.89 3.66 0.00 | 60.07 4.55 0.00 | 73.25 5.99 0.00 | 95.30 8.03 0.00 | 81.25 3.27 0.00 | 69.30 2.73 0.00 | 63.58 2.45 0.00 | 58.07 2.13 0.00 | 52.62 1.83 0.00 | 49.55 1.63 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 40.07 0.00 0.00 | 37.05 0.11 0.00 | 35.52 0.18 0.00 | 35.15 0.11 0.00 | 37.05 0.07 0.00 | 40.35 0.08 0.00 | 56.22 0.22 0.00 | 67.96 0.87 0.00 | 56.73 0.73 0.00 | 52.96 0.73 0.00 | 52.30 0.72 0.00 | 51.02 0.61 0.00 | 50.82 0.65 0.00 | 51.75 0.71 0.00 | 52.91 0.68 0.00 | 56.29 0.78 0.00 | 68.20 0.94 0.00 | 88.57 1.31 0.00 | 78.99 1.01 0.00 | 67.44 0.87 0.00 | 61.87 0.73 0.00 | 56.56 0.62 0.00 | 51.50 0.71 0.00 | 48.69 0.77 0.00 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| GOUDEY___7 23579 | 40.07 0.00 0.00 | 37.05 0.11 0.00 | 35.52 0.18 0.00 | 35.15 0.11 0.00 | 37.05 0.07 0.00 | 40.35 0.08 0.00 | 56.22 0.22 0.00 | 67.96 0.87 0.00 | 56.73 0.73 0.00 | 52.96 0.73 0.00 | 52.30 0.72 0.00 | 51.02 0.61 0.00 | 50.82 0.65 0.00 | 51.75 0.71 0.00 | 52.91 0.68 0.00 | 56.29 0.78 0.00 | 68.20 0.94 0.00 | 88.57 1.31 0.00 | 78.99 1.01 0.00 | 67.44 0.87 0.00 | 61.87 0.73 0.00 | 56.56 0.62 0.00 | 51.50 0.71 0.00 | 48.69 0.77 0.00 |
| GOUDEY___8 23580 | 40.07 0.00 0.00 | 37.05 0.11 0.00 | 35.52 0.18 0.00 | 35.15 0.11 0.00 | 37.05 0.07 0.00 | 40.35 0.08 0.00 | 56.22 0.22 0.00 | 67.96 0.87 0.00 | 56.73 0.73 0.00 | 52.96 0.73 0.00 | 52.30 0.72 0.00 | 51.02 0.61 0.00 | 50.82 0.65 0.00 | 51.75 0.71 0.00 | 52.91 0.68 0.00 | 56.29 0.78 0.00 | 68.20 0.94 0.00 | 88.57 1.31 0.00 | 78.99 1.01 0.00 | 67.44 0.87 0.00 | 61.87 0.73 0.00 | 56.56 0.62 0.00 | 51.50 0.71 0.00 | 48.69 0.77 0.00 |
| GOWANUS_GT1_1 24077 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GOWANUS_GT1_2 24078 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GOWANUS_GT1_3 24079 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GOWANUS_GT1_4 24080 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GOWANUS_GT1_5 24084 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GOWANUS_GT1_6 24111 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GOWANUS_GT1_7 24112 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GOWANUS_GT1_8 24113 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GOWANUS_GT2_1 24114 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| GOWANUS_GT2_2 24115 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| GOWANUS_GT2_3 24116 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| GOWANUS_GT2_4 24117 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| GOWANUS_GT2_5 24118 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |

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| GOWANUS_GT2_6 24119 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| GOWANUS_GT2_7 24120 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| GOWANUS_GT2_8 24121 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| GOWANUS_GT3_1 24122 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| GOWANUS_GT3_2 24123 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| GOWANUS_GT3_3 24124 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 | | | | | | | | | | | | | | | | |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_5 24134 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GOWANUS_GT4_6 24135 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GOWANUS_GT4_7 24136 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GOWANUS_GT4_8 24137 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GREATVRV_69_KV_BK1 356245 | 44.63 4.57 0.00 | 40.44 3.51 0.00 | 38.46 3.11 0.00 | 38.23 3.19 0.00 | 40.67 3.70 0.00 | 44.50 4.23 0.00 | 61.04 5.04 0.00 | 71.78 4.70 0.00 | 60.82 4.82 0.00 | 57.14 4.91 0.00 | 57.62 6.04 -0.01 | 55.87 5.45 0.00 | 56.19 6.02 -0.01 | 57.12 6.07 -0.02 | 60.83 6.16 -2.43 | 62.30 6.77 -0.02 | 75.47 8.21 0.00 | 98.62 11.34 -0.01 | 87.49 9.51 -0.01 | 74.70 8.12 -0.01 | 68.48 7.34 -0.01 | 62.19 6.21 -0.03 | 59.35 5.74 -2.82 | 53.16 5.22 -0.02 |
| GREENBSH_115KV_TB3 55895 | 41.03 0.96 0.00 | 37.79 0.85 0.00 | 36.13 0.78 0.00 | 35.81 0.77 0.00 | 37.79 0.81 0.00 | 41.11 0.85 0.00 | 56.78 0.78 0.00 | 68.03 0.94 0.00 | 56.56 0.56 0.00 | 52.65 0.42 0.00 | 51.94 0.36 0.00 | 50.87 0.45 0.00 | 50.67 0.50 0.00 | 51.59 0.56 0.00 | 52.81 0.57 0.00 | 56.18 0.67 0.00 | 68.13 0.87 0.00 | 88.49 1.22 0.00 | 78.91 0.94 0.00 | 67.37 0.80 0.00 | 61.93 0.79 0.00 | 56.61 0.67 0.00 | 51.20 0.41 0.00 | 48.49 0.58 0.00 |
| GREENDGE_115KV_TB5 80291 | 38.54 -1.52 0.00 | 35.90 -1.03 0.00 | 34.57 -0.78 0.00 | 34.03 -1.02 0.00 | 35.87 -1.11 0.00 | 39.10 -1.17 0.00 | 54.26 -1.74 0.00 | 65.22 -1.81 0.06 | 54.49 -1.51 0.00 | 50.71 -1.51 0.00 | 50.76 -0.83 0.00 | 49.21 -1.21 0.00 | 48.86 -1.30 0.00 | 49.86 -1.17 0.00 | 51.14 -1.10 0.00 | 53.34 -2.11 0.06 | 65.25 -1.95 0.06 | 83.71 -3.49 0.06 | 75.71 -2.26 0.00 | 65.24 -1.33 0.00 | 59.54 -1.59 0.00 | 54.38 -1.57 0.00 | 51.05 0.25 0.00 | 48.64 0.72 0.00 |
| GREENIDGE___3 23582 | 38.54 -1.52 0.00 | 35.90 -1.03 0.00 | 34.57 -0.78 0.00 | 34.03 -1.02 0.00 | 35.87 -1.11 0.00 | 39.10 -1.17 0.00 | 54.26 -1.74 0.00 | 65.22 -1.81 0.06 | 54.49 -1.51 0.00 | 50.71 -1.51 0.00 | 50.76 -0.83 0.00 | 49.21 -1.21 0.00 | 48.86 -1.30 0.00 | 49.86 -1.17 0.00 | 51.14 -1.10 0.00 | 53.34 -2.11 0.06 | 65.25 -1.95 0.06 | 83.71 -3.49 0.06 | 75.71 -2.26 0.00 | 65.24 -1.33 0.00 | 59.54 -1.59 0.00 | 54.38 -1.57 0.00 | 51.05 0.25 0.00 | 48.64 0.72 0.00 |
| GREENIDGE___4 23583 | 38.54 -1.52 0.00 | 35.90 -1.03 0.00 | 34.50 -0.85 0.00 | 34.02 -1.02 0.00 | 35.87 -1.11 0.00 | 39.10 -1.17 0.00 | 54.71 -1.29 0.00 | 65.28 -1.74 0.06 | 54.54 -1.46 0.00 | 50.71 -1.52 0.00 | 50.75 -0.83 0.00 | 49.21 -1.21 0.00 | 48.86 -1.30 0.00 | 49.86 -1.17 0.00 | 51.13 -1.10 0.00 | 53.34 -2.11 0.06 | 65.04 -2.15 0.06 | 83.10 -4.10 0.06 | 75.47 -2.50 0.00 | 65.38 -1.20 0.00 | 59.73 -1.40 0.00 | 54.55 -1.40 0.00 | 51.10 0.31 0.00 | 48.64 0.72 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 43.63 3.57 0.00 | 39.52 2.59 0.00 | 37.65 2.30 0.00 | 37.39 2.35 0.00 | 39.71 2.74 0.00 | 43.45 3.18 0.00 | 59.30 3.30 0.00 | 69.70 2.62 0.00 | 59.08 3.08 0.00 | 55.78 3.55 0.00 | 56.13 4.54 -0.01 | 54.55 4.13 0.00 | 54.74 4.56 -0.01 | 55.49 4.44 -0.02 | 58.85 4.18 -2.44 | 60.19 4.66 -0.02 | 72.71 5.45 0.00 | 94.86 7.59 -0.01 | 84.06 6.08 -0.01 | 71.84 5.26 -0.01 | 65.97 4.83 -0.01 | 60.32 4.36 -0.01 | 57.48 3.86 -2.83 | 51.58 3.64 -0.02 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |
| GRISSOM___SOLAR 323813 | 41.83 1.76 0.00 | 38.52 1.59 0.00 | 36.83 1.48 0.00 | 36.51 1.47 0.00 | 38.56 1.59 0.00 | 42.24 1.97 0.00 | 59.25 3.25 0.00 | 70.98 3.89 0.00 | 58.35 2.35 0.00 | 53.69 1.46 0.00 | 52.72 1.13 0.00 | 51.53 1.11 0.00 | 51.32 1.15 0.00 | 52.41 1.38 0.00 | 54.11 1.88 0.00 | 58.12 2.61 0.00 | 71.02 3.76 0.00 | 92.68 5.41 0.00 | 82.10 4.13 0.00 | 70.03 3.46 0.00 | 64.43 3.30 0.00 | 58.85 2.91 0.00 | 53.13 2.34 0.00 | 50.03 2.11 0.00 |
| GROVEVILLE___HYD 323602 | 42.63 2.56 0.00 | 39.08 2.14 0.00 | 37.36 2.01 0.00 | 37.07 2.03 0.00 | 39.19 2.22 0.00 | 42.76 2.50 0.00 | 59.64 3.64 0.00 | 71.32 4.23 0.00 | 59.30 3.30 0.00 | 55.31 3.08 0.00 | 54.57 2.99 0.00 | 53.44 3.03 0.00 | 53.27 3.11 0.00 | 54.25 3.22 0.00 | 55.26 3.03 0.00 | 58.84 3.33 0.00 | 71.50 4.24 0.00 | 93.11 5.85 0.00 | 82.73 4.76 0.00 | 70.63 4.06 0.00 | 64.68 3.55 0.00 | 59.30 3.36 0.00 | 53.64 2.84 0.00 | 50.51 2.59 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 39.87 -0.20 0.00 | 36.86 -0.07 0.00 | 35.35 0.00 0.00 | 34.97 -0.07 0.00 | 36.86 -0.11 0.00 | 40.11 -0.16 0.00 | 55.89 -0.11 0.00 | 67.09 0.00 0.00 | 56.11 0.11 0.00 | 52.44 0.21 0.00 | 51.79 0.21 0.00 | 50.52 0.10 0.00 | 50.26 0.10 0.00 | 51.14 0.10 0.00 | 52.39 0.16 0.00 | 55.63 0.11 0.00 | 67.33 0.07 0.00 | 87.27 0.00 0.00 | 78.05 0.08 0.00 | 66.64 0.07 0.00 | 61.07 -0.06 0.00 | 55.78 -0.17 0.00 | 50.74 -0.05 0.00 | 47.87 -0.05 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 39.83 -0.24 0.00 | 36.86 -0.07 0.00 | 35.35 0.00 0.00 | 34.97 -0.07 0.00 | 36.86 -0.11 0.00 | 40.11 -0.16 0.00 | 55.89 -0.11 0.00 | 67.16 0.07 0.00 | 56.17 0.17 0.00 | 52.49 0.26 0.00 | 51.84 0.26 0.00 | 50.57 0.15 0.00 | 50.26 0.10 0.00 | 51.19 0.15 0.00 | 52.44 0.21 0.00 | 55.68 0.17 0.00 | 67.39 0.13 0.00 | 87.35 0.09 0.00 | 78.13 0.16 0.00 | 66.64 0.07 0.00 | 61.07 -0.06 0.00 | 55.83 -0.11 0.00 | 50.84 0.05 0.00 | 47.97 0.05 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 39.79 -0.28 0.00 | 36.68 -0.26 0.00 | 35.03 -0.32 0.00 | 34.76 -0.28 0.00 | 36.75 -0.22 0.00 | 40.07 -0.20 0.00 | 55.78 -0.22 0.00 | 67.02 -0.07 0.00 | 56.00 0.00 0.00 | 52.12 -0.10 0.00 | 51.69 0.10 0.00 | 50.52 0.10 0.00 | 50.21 0.05 0.00 | 50.93 -0.10 0.00 | 52.08 -0.16 0.00 | 55.07 -0.45 0.00 | 66.59 -0.67 0.00 | 86.31 -0.96 0.00 | 77.51 -0.47 0.00 | 66.37 -0.20 0.00 | 61.19 0.06 0.00 | 56.34 0.39 0.00 | 51.20 0.40 0.00 | 48.11 0.19 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 40.99 0.92 0.00 | 37.79 0.85 0.00 | 36.16 0.81 0.00 | 35.81 0.77 0.00 | 37.83 0.85 0.00 | 41.19 0.93 0.00 | 57.23 1.23 0.00 | 68.63 1.54 0.00 | 57.23 1.23 0.00 | 53.38 1.15 0.00 | 52.72 1.13 0.00 | 51.68 1.26 0.00 | 51.47 1.30 0.00 | 52.36 1.32 0.00 | 53.59 1.36 0.00 | 56.90 1.39 0.00 | 69.01 1.75 0.00 | 89.62 2.36 0.00 | 80.24 2.26 0.00 | 68.57 2.00 0.00 | 62.91 1.77 0.00 | 57.79 1.84 0.00 | 52.52 1.73 0.00 | 49.60 1.68 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 42.51 2.44 0.00 | 38.97 2.03 0.00 | 37.22 1.87 0.00 | 36.97 1.93 0.00 | 39.05 2.07 0.00 | 42.60 2.34 0.00 | 59.42 3.42 0.00 | 71.05 3.96 0.00 | 59.08 3.08 0.00 | 55.10 2.87 0.00 | 54.37 2.79 0.00 | 53.29 2.87 0.00 | 53.12 2.96 0.00 | 54.10 3.06 0.00 | 55.11 2.87 0.00 | 58.62 3.11 0.00 | 71.23 3.97 0.00 | 92.76 5.50 0.00 | 82.34 4.37 0.00 | 70.30 3.73 0.00 | 64.43 3.30 0.00 | 59.02 3.08 0.00 | 53.43 2.64 0.00 | 50.27 2.35 0.00 |
| HARSNRAD_115KV_TB1 81005 | 36.78 -3.29 0.00 | 34.53 -2.40 0.00 | 33.30 -2.05 0.00 | 32.73 -2.31 0.00 | 34.24 -2.74 0.00 | 36.76 -3.50 0.00 | 50.57 -5.43 0.00 | 60.17 -6.91 0.01 | 50.90 -5.10 0.00 | 48.00 -4.23 0.00 | 47.56 -4.02 0.00 | 46.03 -4.39 0.00 | 45.80 -4.36 0.00 | 46.70 -4.34 0.00 | 47.90 -4.34 0.00 | 50.28 -5.22 0.01 | 60.59 -6.66 0.01 | 78.09 -9.16 0.01 | 70.96 -7.02 0.00 | 60.45 -6.12 0.00 | 55.32 -5.81 0.00 | 51.13 -4.81 0.00 | 47.69 -3.10 0.00 | 45.95 -1.96 0.00 |
| HARZA MOOSE___RIVER 24016 | 40.51 0.44 0.00 | 37.38 0.44 0.00 | 35.74 0.39 0.00 | 35.39 0.35 0.00 | 37.46 0.48 0.00 | 40.83 0.56 0.00 | 56.95 0.95 0.00 | 68.63 1.54 0.00 | 57.18 1.18 0.00 | 53.38 1.15 0.00 | 52.72 1.13 0.00 | 51.48 1.06 0.00 | 51.22 1.05 0.00 | 52.05 1.02 0.00 | 53.33 1.10 0.00 | 56.57 1.05 0.00 | 68.61 1.35 0.00 | 89.10 1.83 0.00 | 79.84 1.87 0.00 | 68.17 1.60 0.00 | 62.60 1.47 0.00 | 57.23 1.29 0.00 | 51.96 1.17 0.00 | 48.83 0.91 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 39.58 -0.48 0.00 | 36.60 -0.33 0.00 | 35.10 -0.25 0.00 | 34.73 -0.32 0.00 | 36.61 -0.37 0.00 | 39.82 -0.44 0.00 | 55.38 -0.62 0.00 | 66.55 -0.54 0.00 | 55.66 -0.34 0.00 | 51.97 -0.26 0.00 | 51.38 -0.21 0.00 | 50.12 -0.30 0.00 | 49.81 -0.35 0.00 | 50.73 -0.31 0.00 | 51.97 -0.26 0.00 | 55.18 -0.33 0.00 | 66.79 -0.47 0.00 | 86.57 -0.70 0.00 | 77.35 -0.62 0.00 | 66.04 -0.53 0.00 | 60.52 -0.61 0.00 | 55.33 -0.62 0.00 | 50.39 -0.41 0.00 | 47.54 -0.38 0.00 |
| HELLGATE_13_KV_LD 55870 | 43.11 3.04 0.00 | 39.48 2.55 0.00 | 37.65 2.30 0.00 | 37.35 2.31 0.00 | 39.64 2.66 0.00 | 43.13 2.86 0.00 | 59.86 3.86 0.00 | 71.38 4.29 0.00 | 59.53 3.53 0.00 | 55.78 3.55 0.00 | 55.19 3.61 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.91 3.88 0.00 | 55.79 3.55 0.00 | 59.12 3.61 0.00 | 71.36 4.10 0.01 | 93.10 5.85 0.01 | 82.41 4.44 0.01 | 70.36 3.79 0.01 | 64.55 3.42 0.01 | 59.30 3.36 0.00 | 53.99 3.20 0.00 | 50.60 2.68 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 43.11 3.04 0.00 | 39.48 2.55 0.00 | 37.65 2.30 0.00 | 37.35 2.31 0.00 | 39.64 2.66 0.00 | 43.13 2.86 0.00 | 59.86 3.86 0.00 | 71.38 4.29 0.00 | 59.53 3.53 0.00 | 55.78 3.55 0.00 | 55.19 3.61 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.91 3.88 0.00 | 55.79 3.55 0.00 | 59.12 3.61 0.00 | 71.36 4.10 0.01 | 93.10 5.85 0.01 | 82.41 4.44 0.01 | 70.36 3.79 0.01 | 64.55 3.42 0.01 | 59.30 3.36 0.00 | 53.99 3.20 0.00 | 50.60 2.68 0.00 |
| HEMPSTEAD____ 23647 | 43.39 3.32 0.00 | 39.45 2.51 0.00 | 37.64 2.30 0.00 | 37.35 2.31 0.00 | 39.60 2.63 0.00 | 43.29 3.02 0.00 | 59.25 3.25 0.00 | 70.51 3.42 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.76 4.18 -0.01 | 54.36 3.94 0.00 | 54.49 4.31 -0.01 | 55.23 4.19 -0.01 | 58.33 4.02 -2.07 | 60.08 4.55 -0.01 | 72.71 5.45 0.00 | 94.86 7.59 -0.01 | 84.22 6.24 -0.01 | 71.91 5.33 -0.01 | 65.85 4.71 -0.01 | 60.15 4.20 -0.01 | 56.75 3.55 -2.40 | 51.29 3.35 -0.02 |
| HICKLING___1 23621 | 37.82 -2.24 0.00 | 35.35 -1.59 0.00 | 34.08 -1.27 0.00 | 33.50 -1.54 0.00 | 35.24 -1.74 0.00 | 38.33 -1.93 0.00 | 53.42 -2.58 0.00 | 63.29 -3.76 0.04 | 53.09 -2.91 0.00 | 49.67 -2.56 0.00 | 49.11 -2.48 0.00 | 47.65 -2.77 0.00 | 47.35 -2.81 0.00 | 48.38 -2.65 0.00 | 49.57 -2.66 0.00 | 52.36 -3.11 0.04 | 63.65 -3.56 0.04 | 82.86 -4.36 0.04 | 74.00 -3.98 0.00 | 63.31 -3.26 0.00 | 57.89 -3.24 0.00 | 53.20 -2.74 0.00 | 49.47 -1.32 0.00 | 47.39 -0.53 0.00 |
| HICKLING___2 23622 | 37.82 -2.24 0.00 | 35.35 -1.59 0.00 | 34.08 -1.27 0.00 | 33.50 -1.54 0.00 | 35.24 -1.74 0.00 | 38.33 -1.93 0.00 | 53.42 -2.58 0.00 | 63.29 -3.76 0.04 | 53.09 -2.91 0.00 | 49.67 -2.56 0.00 | 49.11 -2.48 0.00 | 47.65 -2.77 0.00 | 47.35 -2.81 0.00 | 48.38 -2.65 0.00 | 49.57 -2.66 0.00 | 52.36 -3.11 0.04 | 63.65 -3.56 0.04 | 82.86 -4.36 0.04 | 74.00 -3.98 0.00 | 63.31 -3.26 0.00 | 57.89 -3.24 0.00 | 53.20 -2.74 0.00 | 49.47 -1.32 0.00 | 47.39 -0.53 0.00 |
| HIGH FALLS___HY 23754 | 42.75 2.68 0.00 | 39.19 2.25 0.00 | 37.43 2.09 0.00 | 37.18 2.14 0.00 | 39.30 2.33 0.00 | 42.93 2.66 0.00 | 60.03 4.03 0.00 | 71.78 4.70 0.00 | 59.70 3.70 0.00 | 55.57 3.34 0.00 | 54.78 3.20 0.00 | 53.60 3.18 0.00 | 53.42 3.26 0.00 | 54.40 3.37 0.00 | 55.47 3.24 0.00 | 59.07 3.55 0.00 | 71.83 4.57 0.00 | 93.72 6.46 0.00 | 83.28 5.30 0.00 | 71.10 4.53 0.00 | 65.04 3.91 0.00 | 59.64 3.69 0.00 | 53.94 3.15 0.00 | 50.75 2.83 0.00 |
| HIGH_RIVER___SOLAR 323847 | 41.67 1.60 0.00 | 38.34 1.40 0.00 | 36.69 1.34 0.00 | 36.37 1.33 0.00 | 38.42 1.44 0.00 | 42.04 1.77 0.00 | 58.91 2.91 0.00 | 70.44 3.35 0.00 | 57.79 1.79 0.00 | 53.33 1.10 0.00 | 52.40 0.82 0.00 | 51.22 0.80 0.00 | 50.96 0.80 0.00 | 52.00 0.97 0.00 | 53.69 1.46 0.00 | 57.68 2.16 0.00 | 70.56 3.29 0.00 | 92.15 4.88 0.00 | 81.64 3.67 0.00 | 69.64 3.06 0.00 | 64.13 2.99 0.00 | 58.57 2.63 0.00 | 52.87 2.08 0.00 | 49.84 1.92 0.00 |
| HILLBURN___GT 23639 | 42.51 2.44 0.00 | 38.97 2.03 0.00 | 37.26 1.91 0.00 | 36.97 1.93 0.00 | 39.04 2.07 0.00 | 42.60 2.33 0.00 | 59.19 3.19 0.00 | 70.98 3.89 0.00 | 59.02 3.02 0.00 | 55.05 2.82 0.00 | 54.42 2.84 0.00 | 53.34 2.92 0.00 | 53.17 3.01 0.00 | 54.15 3.11 0.00 | 55.10 2.87 0.00 | 58.62 3.11 0.00 | 70.96 3.70 0.00 | 92.59 5.32 0.00 | 82.18 4.21 0.00 | 70.17 3.59 0.00 | 64.31 3.18 0.00 | 58.91 2.96 0.00 | 53.33 2.54 0.00 | 50.22 2.30 0.00 |
| HILLSIDE_115KV_TB1 80332 | 37.50 -2.56 0.00 | 35.01 -1.92 0.00 | 33.76 -1.59 0.00 | 33.22 -1.82 0.00 | 34.90 -2.07 0.00 | 37.97 -2.30 0.00 | 52.92 -3.08 0.00 | 62.49 -4.56 0.04 | 52.42 -3.58 0.00 | 48.99 -3.24 0.00 | 48.44 -3.15 0.00 | 46.99 -3.43 0.00 | 46.75 -3.41 0.00 | 47.77 -3.27 0.00 | 48.89 -3.34 0.00 | 51.70 -3.77 0.04 | 62.85 -4.37 0.04 | 81.82 -5.41 0.04 | 73.06 -4.91 0.00 | 62.45 -4.13 0.00 | 57.16 -3.97 0.00 | 52.53 -3.41 0.00 | 48.76 -2.03 0.00 | 46.77 -1.15 0.00 |

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| HISHELDN_WT_PWR 323625 | 36.34 -3.72 0.00 | 34.02 -2.92 0.00 | 32.63 -2.72 0.00 | 32.24 -2.80 0.00 | 33.79 -3.18 0.00 | 36.56 -3.70 0.00 | 51.47 -4.53 0.00 | 60.16 -6.91 0.02 | 50.68 -5.32 0.00 | 47.48 -4.75 0.00 | 46.99 -4.59 0.00 | 45.53 -4.89 0.00 | 45.30 -4.87 0.00 | 46.34 -4.69 0.00 | 47.53 -4.70 0.00 | 50.11 -5.38 0.02 | 60.65 -6.59 0.02 | 78.87 -8.38 0.02 | 71.81 -6.16 0.00 | 60.65 -5.93 0.00 | 55.81 -5.32 0.00 | 51.47 -4.48 0.00 | 47.95 -2.84 0.00 | 46.15 -1.77 0.00 |
| HOLTSVILLE_IC_1 23690 | 43.87 3.81 0.00 | 39.74 2.81 0.00 | 37.89 2.55 0.00 | 37.60 2.56 0.00 | 39.93 2.96 0.00 | 43.69 3.42 0.00 | 59.36 3.36 0.00 | 70.04 2.95 0.00 | 59.36 3.36 0.00 | 56.04 3.81 0.00 | 56.49 4.90 -0.01 | 54.80 4.38 0.00 | 55.09 4.92 -0.01 | 55.95 4.90 -0.02 | 59.45 4.75 -2.47 | 60.81 5.28 -0.02 | 73.38 6.12 0.00 | 95.83 8.56 -0.01 | 85.08 7.09 -0.01 | 72.64 6.06 -0.01 | 66.52 5.38 -0.01 | 61.04 5.04 -0.06 | 58.02 4.37 -2.86 | 52.06 4.12 -0.02 |
| HOLTSVILLE_IC_10 23699 | 44.07 4.01 0.00 | 39.93 2.99 0.00 | 38.07 2.72 0.00 | 37.78 2.74 0.00 | 40.16 3.18 0.00 | 43.93 3.66 0.00 | 59.70 3.70 0.00 | 70.44 3.35 0.00 | 59.69 3.70 0.00 | 56.35 4.13 0.00 | 56.80 5.21 -0.01 | 55.11 4.69 0.00 | 55.39 5.22 -0.01 | 56.31 5.26 -0.02 | 59.86 5.17 -2.46 | 61.30 5.77 -0.02 | 73.92 6.66 0.00 | 96.61 9.34 -0.01 | 85.78 7.80 -0.01 | 73.24 6.66 -0.01 | 67.07 5.93 -0.01 | 61.54 5.54 -0.05 | 58.41 4.77 -2.85 | 52.39 4.46 -0.02 |
| HOLTSVILLE_IC_2 23691 | 43.87 3.81 0.00 | 39.74 2.81 0.00 | 37.89 2.55 0.00 | 37.60 2.56 0.00 | 39.93 2.96 0.00 | 43.69 3.42 0.00 | 59.36 3.36 0.00 | 70.04 2.95 0.00 | 59.36 3.36 0.00 | 56.04 3.81 0.00 | 56.49 4.90 -0.01 | 54.80 4.38 0.00 | 55.09 4.92 -0.01 | 55.95 4.90 -0.02 | 59.45 4.75 -2.47 | 60.81 5.28 -0.02 | 73.38 6.12 0.00 | 95.83 8.56 -0.01 | 85.08 7.09 -0.01 | 72.64 6.06 -0.01 | 66.52 5.38 -0.01 | 61.04 5.04 -0.06 | 58.02 4.37 -2.86 | 52.06 4.12 -0.02 |
| HOLTSVILLE_IC_3 23692 | 43.87 3.81 0.00 | 39.74 2.81 0.00 | 37.89 2.55 0.00 | 37.60 2.56 0.00 | 39.93 2.96 0.00 | 43.69 3.42 0.00 | 59.36 3.36 0.00 | 70.04 2.95 0.00 | 59.36 3.36 0.00 | 56.04 3.81 0.00 | 56.49 4.90 -0.01 | 54.80 4.38 0.00 | 55.09 4.92 -0.01 | 55.95 4.90 -0.02 | 59.45 4.75 -2.47 | 60.81 5.28 -0.02 | 73.38 6.12 0.00 | 95.83 8.56 -0.01 | 85.08 7.09 -0.01 | 72.64 6.06 -0.01 | 66.52 5.38 -0.01 | 61.04 5.04 -0.06 | 58.02 4.37 -2.86 | 52.06 4.12 -0.02 |
| HOLTSVILLE_IC_4 23693 | 43.87 3.81 0.00 | 39.74 2.81 0.00 | 37.89 2.55 0.00 | 37.60 2.56 0.00 | 39.93 2.96 0.00 | 43.69 3.42 0.00 | 59.36 3.36 0.00 | 70.04 2.95 0.00 | 59.36 3.36 0.00 | 56.04 3.81 0.00 | 56.49 4.90 -0.01 | 54.80 4.38 0.00 | 55.09 4.92 -0.01 | 55.95 4.90 -0.02 | 59.45 4.75 -2.47 | 60.81 5.28 -0.02 | 73.38 6.12 0.00 | 95.83 8.56 -0.01 | 85.08 7.09 -0.01 | 72.64 6.06 -0.01 | 66.52 5.38 -0.01 | 61.04 5.04 -0.06 | 58.02 4.37 -2.86 | 52.06 4.12 -0.02 |
| HOLTSVILLE_IC_5 23694 | 43.87 3.81 0.00 | 39.74 2.81 0.00 | 37.89 2.55 0.00 | 37.60 2.56 0.00 | 39.93 2.96 0.00 | 43.69 3.42 0.00 | 59.36 3.36 0.00 | 70.04 2.95 0.00 | 59.36 3.36 0.00 | 56.04 3.81 0.00 | 56.49 4.90 -0.01 | 54.80 4.38 0.00 | 55.09 4.92 -0.01 | 55.95 4.90 -0.02 | 59.45 4.75 -2.47 | 60.81 5.28 -0.02 | 73.38 6.12 0.00 | 95.83 8.56 -0.01 | 85.08 7.09 -0.01 | 72.64 6.06 -0.01 | 66.52 5.38 -0.01 | 61.04 5.04 -0.06 | 58.02 4.37 -2.86 | 52.06 4.12 -0.02 |
| HOLTSVILLE_IC_6 23695 | 44.07 4.01 0.00 | 39.93 2.99 0.00 | 38.07 2.72 0.00 | 37.78 2.74 0.00 | 40.16 3.18 0.00 | 43.93 3.66 0.00 | 59.70 3.70 0.00 | 70.44 3.35 0.00 | 59.69 3.70 0.00 | 56.35 4.13 0.00 | 56.80 5.21 -0.01 | 55.11 4.69 0.00 | 55.39 5.22 -0.01 | 56.31 5.26 -0.02 | 59.86 5.17 -2.46 | 61.30 5.77 -0.02 | 73.92 6.66 0.00 | 96.61 9.34 -0.01 | 85.78 7.80 -0.01 | 73.24 6.66 -0.01 | 67.07 5.93 -0.01 | 61.54 5.54 -0.05 | 58.41 4.77 -2.85 | 52.39 4.46 -0.02 |
| HOLTSVILLE_IC_7 23696 | 44.07 4.01 0.00 | 39.93 2.99 0.00 | 38.07 2.72 0.00 | 37.78 2.74 0.00 | 40.16 3.18 0.00 | 43.93 3.66 0.00 | 59.70 3.70 0.00 | 70.44 3.35 0.00 | 59.69 3.70 0.00 | 56.35 4.13 0.00 | 56.80 5.21 -0.01 | 55.11 4.69 0.00 | 55.39 5.22 -0.01 | 56.31 5.26 -0.02 | 59.86 5.17 -2.46 | 61.30 5.77 -0.02 | 73.92 6.66 0.00 | 96.61 9.34 -0.01 | 85.78 7.80 -0.01 | 73.24 6.66 -0.01 | 67.07 5.93 -0.01 | 61.54 5.54 -0.05 | 58.41 4.77 -2.85 | 52.39 4.46 -0.02 |
| HOLTSVILLE_IC_8 23697 | 44.07 4.01 0.00 | 39.93 2.99 0.00 | 38.07 2.72 0.00 | 37.78 2.74 0.00 | 40.16 3.18 0.00 | 43.93 3.66 0.00 | 59.70 3.70 0.00 | 70.44 3.35 0.00 | 59.69 3.70 0.00 | 56.35 4.13 0.00 | 56.80 5.21 -0.01 | 55.11 4.69 0.00 | 55.39 5.22 -0.01 | 56.31 5.26 -0.02 | 59.86 5.17 -2.46 | 61.30 5.77 -0.02 | 73.92 6.66 0.00 | 96.61 9.34 -0.01 | 85.78 7.80 -0.01 | 73.24 6.66 -0.01 | 67.07 5.93 -0.01 | 61.54 5.54 -0.05 | 58.41 4.77 -2.85 | 52.39 4.46 -0.02 |
| HOLTSVILLE_IC_9 23698 | 44.07 4.01 0.00 | 39.93 2.99 0.00 | 38.07 2.72 0.00 | 37.78 2.74 0.00 | 40.16 3.18 0.00 | 43.93 3.66 0.00 | 59.70 3.70 0.00 | 70.44 3.35 0.00 | 59.69 3.70 0.00 | 56.35 4.13 0.00 | 56.80 5.21 -0.01 | 55.11 4.69 0.00 | 55.39 5.22 -0.01 | 56.31 5.26 -0.02 | 59.86 5.17 -2.46 | 61.30 5.77 -0.02 | 73.92 6.66 0.00 | 96.61 9.34 -0.01 | 85.78 7.80 -0.01 | 73.24 6.66 -0.01 | 67.07 5.93 -0.01 | 61.54 5.54 -0.05 | 58.41 4.77 -2.85 | 52.39 4.46 -0.02 |
| HOMER_HL_115KV_TB2 355744 | 36.70 -3.37 0.00 | 34.42 -2.51 0.00 | 33.19 -2.16 0.00 | 32.66 -2.38 0.00 | 34.24 -2.74 0.00 | 37.17 -3.10 0.00 | 51.74 -4.26 0.00 | 61.43 -5.64 0.02 | 51.58 -4.42 0.00 | 48.21 -4.02 0.00 | 47.61 -3.97 0.00 | 46.13 -4.29 0.00 | 45.90 -4.26 0.00 | 46.95 -4.08 0.00 | 48.05 -4.18 0.00 | 50.55 -4.94 0.02 | 61.52 -5.72 0.02 | 81.14 -6.11 0.02 | 71.42 -6.55 0.00 | 60.71 -5.86 0.00 | 55.51 -5.62 0.00 | 51.86 -4.08 0.00 | 48.40 -2.39 0.00 | 46.53 -1.39 0.00 |
| HOWARD_WT_PWR 323690 | 35.98 -4.09 0.00 | 33.61 -3.32 0.00 | 32.27 -3.08 0.00 | 31.85 -3.19 0.00 | 33.46 -3.51 0.00 | 36.32 -3.94 0.00 | 51.35 -4.65 0.00 | 60.41 -6.64 0.04 | 50.51 -5.49 0.00 | 47.06 -5.17 0.00 | 46.47 -5.11 0.00 | 45.03 -5.39 0.00 | 44.85 -5.32 0.00 | 45.93 -5.10 0.00 | 47.17 -5.07 0.00 | 49.93 -5.55 0.04 | 60.83 -6.39 0.04 | 79.63 -7.59 0.04 | 72.28 -5.69 0.00 | 61.38 -5.19 0.00 | 56.36 -4.77 0.00 | 51.80 -4.14 0.00 | 48.25 -2.54 0.00 | 46.29 -1.63 0.00 |
| HQ_GEN_CEDARS 23644 | 39.99 -0.08 0.00 | 36.82 -0.11 0.00 | 35.24 -0.11 0.00 | 35.01 -0.04 0.00 | 36.94 -0.04 0.00 | 40.27 0.00 0.00 | 56.17 0.17 0.00 | 67.16 0.07 0.00 | 56.17 0.17 0.00 | 52.28 0.05 0.00 | 51.74 0.15 0.00 | 50.62 0.20 0.00 | 50.26 0.10 0.00 | 50.93 0.00 0.00 | 52.18 -0.05 0.00 | 55.35 -0.17 0.00 | 67.19 -0.07 0.00 | 87.00 -0.26 0.00 | 77.90 -0.08 0.00 | 66.64 0.07 0.00 | 61.44 0.31 0.00 | 56.39 0.45 0.00 | 51.20 0.41 0.00 | 48.25 0.34 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 39.99 -0.08 0.00 | 36.83 -0.11 0.00 | 35.24 -0.11 0.00 | 35.01 -0.04 0.00 | 36.94 -0.04 0.00 | 40.27 0.00 0.00 | 56.17 0.17 0.00 | 67.16 0.07 0.00 | 56.17 0.17 0.00 | 52.28 0.05 0.00 | 51.74 0.16 0.00 | 50.62 0.20 0.00 | 50.26 0.10 0.00 | 50.93 0.00 0.00 | 52.18 -0.05 0.00 | 55.35 -0.17 0.00 | 67.19 -0.07 0.00 | 87.00 -0.26 0.00 | 77.90 -0.08 0.00 | 66.64 0.07 0.00 | 61.44 0.31 0.00 | 56.39 0.45 0.00 | 51.20 0.40 0.00 | 48.26 0.34 0.00 |

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| HQ_GEN_IMPORT 323601 | 39.70 -0.36 0.00 | 36.57 -0.37 0.00 | 34.99 -0.35 0.00 | 34.73 -0.32 0.00 | 36.64 -0.33 0.00 | 39.90 -0.36 0.00 | 55.55 -0.45 0.00 | 66.48 -0.60 0.00 | 55.55 -0.45 0.00 | 51.81 -0.42 0.00 | 51.17 -0.41 0.00 | 50.07 -0.35 0.00 | 49.76 -0.40 0.00 | 50.57 -0.46 0.00 | 51.76 -0.47 0.00 | 55.01 -0.50 0.00 | 66.72 -0.54 0.00 | 86.48 -0.79 0.00 | 77.35 -0.63 0.00 | 66.11 -0.46 0.00 | 60.77 -0.36 0.00 | 55.61 -0.33 0.00 | 50.49 -0.30 0.00 | 47.63 -0.29 0.00 |
| HQ_GEN_WHEEL 23651 | 39.70 -0.36 0.00 | 36.57 -0.37 0.00 | 34.99 -0.35 0.00 | 34.73 -0.32 0.00 | 36.64 -0.33 0.00 | 39.90 -0.36 0.00 | 55.55 -0.45 0.00 | 66.48 -0.60 0.00 | 55.55 -0.45 0.00 | 51.81 -0.42 0.00 | 51.17 -0.41 0.00 | 50.07 -0.35 0.00 | 49.76 -0.40 0.00 | 50.57 -0.46 0.00 | 51.76 -0.47 0.00 | 55.01 -0.50 0.00 | 66.72 -0.54 0.00 | 86.48 -0.79 0.00 | 77.35 -0.63 0.00 | 66.11 -0.46 0.00 | 60.77 -0.36 0.00 | 55.61 -0.33 0.00 | 50.49 -0.30 0.00 | 47.63 -0.29 0.00 |
| HUDSON AVE_GT_3 23810 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.50 2.16 0.00 | 37.25 2.21 0.00 | 39.38 2.40 0.00 | 42.97 2.70 0.00 | 59.92 3.92 0.00 | 71.65 4.56 0.00 | 59.64 3.64 0.00 | 55.73 3.50 0.00 | 55.14 3.56 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.86 3.83 0.00 | 55.79 3.55 0.00 | 59.29 3.77 0.00 | 71.70 4.44 0.00 | 93.46 6.20 0.00 | 82.73 4.76 0.00 | 70.70 4.13 0.00 | 64.86 3.73 0.00 | 59.41 3.47 0.00 | 53.84 3.05 0.00 | 50.60 2.68 0.00 |
| HUDSON AVE_GT_4 23540 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.50 2.16 0.00 | 37.25 2.21 0.00 | 39.38 2.40 0.00 | 42.97 2.70 0.00 | 59.92 3.92 0.00 | 71.65 4.56 0.00 | 59.64 3.64 0.00 | 55.73 3.50 0.00 | 55.14 3.56 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.86 3.83 0.00 | 55.79 3.55 0.00 | 59.29 3.77 0.00 | 71.70 4.44 0.00 | 93.46 6.20 0.00 | 82.73 4.76 0.00 | 70.70 4.13 0.00 | 64.86 3.73 0.00 | 59.41 3.47 0.00 | 53.84 3.05 0.00 | 50.60 2.68 0.00 |
| HUDSON AVE_GT_5 23657 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.50 2.16 0.00 | 37.25 2.21 0.00 | 39.38 2.40 0.00 | 42.97 2.70 0.00 | 59.92 3.92 0.00 | 71.65 4.56 0.00 | 59.64 3.64 0.00 | 55.73 3.50 0.00 | 55.14 3.56 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.86 3.83 0.00 | 55.79 3.55 0.00 | 59.29 3.77 0.00 | 71.70 4.44 0.00 | 93.46 6.20 0.00 | 82.73 4.76 0.00 | 70.70 4.13 0.00 | 64.86 3.73 0.00 | 59.41 3.47 0.00 | 53.84 3.05 0.00 | 50.60 2.68 0.00 |
| HUDSON_AVE_10 24168 | 42.87 2.80 0.00 | 39.23 2.29 0.00 | 37.40 2.05 0.00 | 37.14 2.10 0.00 | 39.27 2.29 0.00 | 42.84 2.58 0.00 | 59.81 3.81 0.00 | 71.45 4.36 0.00 | 59.53 3.53 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.00 3.58 0.00 | 53.78 3.61 0.00 | 54.76 3.73 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.50 4.24 0.00 | 93.29 6.02 0.00 | 82.50 4.52 0.00 | 70.50 3.93 0.00 | 64.74 3.61 0.00 | 59.30 3.36 0.00 | 53.74 2.95 0.00 | 50.46 2.54 0.00 |
| HUDSON___115KV_TB 4 355613 | 41.63 1.56 0.00 | 38.34 1.40 0.00 | 36.69 1.34 0.00 | 36.34 1.30 0.00 | 38.38 1.41 0.00 | 41.80 1.53 0.00 | 57.90 1.90 0.00 | 69.37 2.28 0.00 | 58.69 2.69 0.00 | 54.21 1.98 0.00 | 53.13 1.55 0.00 | 51.88 1.46 0.00 | 51.62 1.45 0.00 | 52.62 1.58 0.00 | 54.06 1.83 0.00 | 57.79 2.28 0.00 | 70.69 3.43 0.00 | 92.33 5.06 0.00 | 82.50 4.52 0.00 | 70.30 3.73 0.00 | 64.49 3.36 0.00 | 59.02 3.08 0.00 | 53.28 2.49 0.00 | 50.32 2.40 0.00 |
| HUNTER MOUNT___DRP 323613 | 41.67 1.60 0.00 | 38.38 1.44 0.00 | 36.69 1.34 0.00 | 36.37 1.33 0.00 | 38.42 1.44 0.00 | 41.84 1.57 0.00 | 58.02 2.02 0.00 | 69.50 2.42 0.00 | 58.35 2.35 0.00 | 53.90 1.67 0.00 | 52.82 1.24 0.00 | 51.63 1.21 0.00 | 51.37 1.20 0.00 | 52.31 1.28 0.00 | 53.75 1.51 0.00 | 57.46 1.94 0.00 | 70.29 3.03 0.00 | 91.80 4.54 0.00 | 81.95 3.98 0.00 | 69.84 3.26 0.00 | 64.07 2.93 0.00 | 58.68 2.74 0.00 | 52.98 2.18 0.00 | 50.03 2.11 0.00 |
| HUNTINGTON_RES_REC 323705 | 43.79 3.73 0.00 | 39.67 2.73 0.00 | 37.82 2.47 0.00 | 37.53 2.49 0.00 | 39.86 2.89 0.00 | 43.61 3.34 0.00 | 59.19 3.19 0.00 | 69.91 2.82 0.00 | 59.19 3.19 0.00 | 55.99 3.76 0.00 | 56.39 4.80 -0.01 | 54.76 4.34 0.00 | 54.99 4.82 -0.01 | 55.84 4.80 -0.02 | 59.33 4.65 -2.45 | 60.69 5.16 -0.02 | 73.18 5.92 0.00 | 95.65 8.38 -0.01 | 84.84 6.86 -0.01 | 72.44 5.86 -0.01 | 66.40 5.26 -0.01 | 60.87 4.92 0.00 | 57.95 4.31 -2.84 | 51.91 3.98 -0.02 |
| HUNTLEY___63 23557 | 36.70 -3.37 0.00 | 34.42 -2.51 0.00 | 33.19 -2.16 0.00 | 32.62 -2.42 0.00 | 34.13 -2.85 0.00 | 36.84 -3.42 0.00 | 50.74 -5.26 0.00 | 60.37 -6.71 0.01 | 51.07 -4.93 0.00 | 48.10 -4.13 0.00 | 47.66 -3.92 0.00 | 46.18 -4.24 0.00 | 45.95 -4.21 0.00 | 46.90 -4.13 0.00 | 48.05 -4.18 0.00 | 50.50 -5.00 0.01 | 60.86 -6.39 0.01 | 78.52 -8.73 0.01 | 71.27 -6.71 0.00 | 60.65 -5.93 0.00 | 55.45 -5.69 0.00 | 51.30 -4.64 0.00 | 47.95 -2.84 0.00 | 46.15 -1.77 0.00 |
| HUNTLEY___64 23558 | 36.70 -3.37 0.00 | 34.42 -2.51 0.00 | 33.19 -2.16 0.00 | 32.62 -2.42 0.00 | 34.13 -2.85 0.00 | 36.84 -3.42 0.00 | 50.74 -5.26 0.00 | 60.37 -6.71 0.01 | 51.07 -4.93 0.00 | 48.10 -4.13 0.00 | 47.66 -3.92 0.00 | 46.18 -4.24 0.00 | 45.95 -4.21 0.00 | 46.90 -4.13 0.00 | 48.05 -4.18 0.00 | 50.50 -5.00 0.01 | 60.86 -6.39 0.01 | 78.52 -8.73 0.01 | 71.27 -6.71 0.00 | 60.65 -5.93 0.00 | 55.45 -5.69 0.00 | 51.30 -4.64 0.00 | 47.95 -2.84 0.00 | 46.15 -1.77 0.00 |
| HUNTLEY___65 23559 | 36.70 -3.37 0.00 | 34.42 -2.51 0.00 | 33.19 -2.16 0.00 | 32.62 -2.42 0.00 | 34.13 -2.85 0.00 | 36.84 -3.42 0.00 | 50.74 -5.26 0.00 | 60.37 -6.71 0.01 | 51.07 -4.93 0.00 | 48.10 -4.13 0.00 | 47.66 -3.92 0.00 | 46.18 -4.24 0.00 | 45.95 -4.21 0.00 | 46.90 -4.13 0.00 | 48.05 -4.18 0.00 | 50.50 -5.00 0.01 | 60.86 -6.39 0.01 | 78.52 -8.73 0.01 | 71.27 -6.71 0.00 | 60.65 -5.93 0.00 | 55.45 -5.69 0.00 | 51.30 -4.64 0.00 | 47.95 -2.84 0.00 | 46.15 -1.77 0.00 |
| HUNTLEY___66 23560 | 36.70 -3.37 0.00 | 34.42 -2.51 0.00 | 33.19 -2.16 0.00 | 32.62 -2.42 0.00 | 34.13 -2.85 0.00 | 36.84 -3.42 0.00 | 50.74 -5.26 0.00 | 60.37 -6.71 0.01 | 51.07 -4.93 0.00 | 48.10 -4.13 0.00 | 47.66 -3.92 0.00 | 46.18 -4.24 0.00 | 45.95 -4.21 0.00 | 46.90 -4.13 0.00 | 48.05 -4.18 0.00 | 50.50 -5.00 0.01 | 60.86 -6.39 0.01 | 78.52 -8.73 0.01 | 71.27 -6.71 0.00 | 60.65 -5.93 0.00 | 55.45 -5.69 0.00 | 51.30 -4.64 0.00 | 47.95 -2.84 0.00 | 46.15 -1.77 0.00 |
| HUNTLEY___67 23561 | 36.66 -3.41 0.00 | 34.39 -2.55 0.00 | 33.12 -2.23 0.00 | 32.55 -2.49 0.00 | 34.09 -2.88 0.00 | 36.84 -3.42 0.00 | 50.74 -5.26 0.00 | 60.30 -6.78 0.01 | 50.96 -5.04 0.00 | 48.05 -4.18 0.00 | 47.56 -4.02 0.00 | 46.08 -4.34 0.00 | 45.85 -4.31 0.00 | 46.80 -4.24 0.00 | 47.95 -4.28 0.00 | 50.39 -5.11 0.01 | 60.79 -6.46 0.01 | 78.52 -8.73 0.01 | 71.03 -6.94 0.00 | 60.52 -6.06 0.00 | 55.39 -5.75 0.00 | 51.19 -4.76 0.00 | 47.79 -3.00 0.00 | 46.05 -1.87 0.00 |
| HUNTLEY___68 23562 | 36.66 -3.41 0.00 | 34.39 -2.55 0.00 | 33.12 -2.23 0.00 | 32.55 -2.49 0.00 | 34.09 -2.88 0.00 | 36.84 -3.42 0.00 | 50.74 -5.26 0.00 | 60.30 -6.78 0.01 | 50.96 -5.04 0.00 | 48.05 -4.18 0.00 | 47.56 -4.02 0.00 | 46.08 -4.34 0.00 | 45.85 -4.31 0.00 | 46.80 -4.24 0.00 | 47.95 -4.28 0.00 | 50.39 -5.11 0.01 | 60.79 -6.46 0.01 | 78.52 -8.73 0.01 | 71.03 -6.94 0.00 | 60.52 -6.06 0.00 | 55.39 -5.75 0.00 | 51.19 -4.76 0.00 | 47.79 -3.00 0.00 | 46.05 -1.87 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HYLAND___LFGE 323620 | 39.15 -0.92 0.00 | 36.53 -0.41 0.00 | 35.03 -0.32 0.00 | 34.62 -0.42 0.00 | 36.31 -0.66 0.00 | 39.70 -0.56 0.00 | 56.45 0.45 0.00 | 66.73 -0.33 0.02 | 55.67 -0.33 0.00 | 51.45 -0.78 0.00 | 50.40 -1.18 0.00 | 48.56 -1.86 0.00 | 47.96 -2.21 0.00 | 49.20 -1.84 0.00 | 50.67 -1.57 0.00 | 53.83 -1.66 0.02 | 66.03 -1.21 0.02 | 86.64 -0.61 0.02 | 79.30 1.32 0.00 | 67.10 0.53 0.00 | 61.74 0.61 0.00 | 56.34 0.39 0.00 | 52.01 1.22 0.00 | 49.45 1.53 0.00 |
| INDECK___CORINTH 23802 | 42.71 2.64 0.00 | 39.30 2.37 0.00 | 37.61 2.26 0.00 | 37.29 2.24 0.00 | 39.34 2.37 0.00 | 43.04 2.78 0.00 | 59.98 3.98 0.00 | 71.98 4.89 0.00 | 59.75 3.75 0.00 | 55.47 3.24 0.00 | 54.62 3.04 0.00 | 53.29 2.87 0.00 | 52.92 2.76 0.00 | 53.79 2.75 0.00 | 55.26 3.03 0.00 | 58.96 3.44 0.00 | 71.57 4.31 0.00 | 93.28 6.02 0.00 | 83.20 5.22 0.00 | 70.90 4.32 0.00 | 65.54 4.40 0.00 | 59.75 3.81 0.00 | 54.04 3.25 0.00 | 50.99 3.07 0.00 |
| INDECK___ILION 23567 | 40.79 0.72 0.00 | 37.60 0.66 0.00 | 35.95 0.60 0.00 | 35.64 0.60 0.00 | 37.60 0.63 0.00 | 40.99 0.72 0.00 | 56.95 0.95 0.00 | 68.30 1.21 0.00 | 56.95 0.95 0.00 | 53.12 0.89 0.00 | 52.46 0.88 0.00 | 51.38 0.96 0.00 | 51.12 0.95 0.00 | 52.00 0.97 0.00 | 53.28 1.04 0.00 | 56.57 1.05 0.00 | 68.61 1.35 0.00 | 89.01 1.75 0.00 | 79.61 1.64 0.00 | 67.97 1.40 0.00 | 62.42 1.28 0.00 | 57.17 1.23 0.00 | 51.91 1.12 0.00 | 49.02 1.10 0.00 |
| INDECK___OLEAN 23982 | 36.74 -3.33 0.00 | 34.42 -2.51 0.00 | 33.08 -2.26 0.00 | 32.66 -2.38 0.00 | 34.24 -2.74 0.00 | 37.17 -3.10 0.00 | 52.47 -3.53 0.00 | 61.50 -5.57 0.02 | 51.63 -4.37 0.00 | 48.21 -4.02 0.00 | 47.61 -3.97 0.00 | 46.13 -4.29 0.00 | 45.90 -4.26 0.00 | 46.95 -4.08 0.00 | 48.05 -4.18 0.00 | 50.55 -4.94 0.02 | 60.78 -6.46 0.02 | 80.96 -6.28 0.02 | 72.20 -5.77 0.00 | 60.78 -5.79 0.00 | 55.75 -5.38 0.00 | 51.97 -3.97 0.00 | 48.46 -2.34 0.00 | 46.53 -1.39 0.00 |
| INDECK___OSWEGO 23783 | 39.18 -0.88 0.00 | 36.23 -0.70 0.00 | 34.71 -0.64 0.00 | 34.38 -0.67 0.00 | 36.24 -0.74 0.00 | 39.42 -0.85 0.00 | 54.88 -1.12 0.00 | 65.81 -1.28 0.00 | 54.99 -1.01 0.00 | 51.34 -0.89 0.00 | 50.70 -0.88 0.00 | 49.46 -0.96 0.00 | 49.21 -0.95 0.00 | 50.06 -0.97 0.00 | 51.29 -0.94 0.00 | 54.52 -1.00 0.00 | 65.98 -1.28 0.00 | 85.52 -1.74 0.00 | 76.57 -1.40 0.00 | 65.31 -1.27 0.00 | 59.85 -1.29 0.00 | 54.71 -1.23 0.00 | 49.78 -1.02 0.00 | 46.91 -1.01 0.00 |
| INDECK___YERKES 23781 | 36.78 -3.28 0.00 | 34.46 -2.47 0.00 | 33.05 -2.30 0.00 | 32.62 -2.42 0.00 | 34.16 -2.81 0.00 | 36.84 -3.42 0.00 | 51.86 -4.14 0.00 | 60.43 -6.64 0.01 | 51.18 -4.82 0.00 | 48.15 -4.07 0.00 | 47.71 -3.87 0.00 | 46.18 -4.24 0.00 | 46.00 -4.16 0.00 | 46.95 -4.08 0.00 | 48.11 -4.13 0.00 | 50.56 -4.94 0.01 | 60.92 -6.33 0.01 | 78.70 -8.55 0.01 | 72.20 -5.77 0.00 | 60.71 -5.86 0.00 | 55.87 -5.26 0.00 | 51.47 -4.48 0.00 | 48.05 -2.74 0.00 | 46.20 -1.72 0.00 |
| INDIAN POINT_GT_1 24139 | 42.55 2.48 0.00 | 38.97 2.03 0.00 | 37.22 1.87 0.00 | 36.97 1.93 0.00 | 39.05 2.07 0.00 | 42.60 2.34 0.00 | 59.36 3.36 0.00 | 70.98 3.89 0.00 | 59.02 3.02 0.00 | 55.10 2.87 0.00 | 54.47 2.89 0.00 | 53.39 2.97 0.00 | 53.17 3.01 0.00 | 54.20 3.16 0.00 | 55.16 2.93 0.00 | 58.68 3.16 0.00 | 71.03 3.77 0.00 | 92.59 5.32 0.00 | 82.11 4.13 0.00 | 70.17 3.59 0.00 | 64.37 3.24 0.00 | 58.91 2.96 0.00 | 53.38 2.59 0.00 | 50.22 2.30 0.00 |
| INDIAN POINT_GT_2 23659 | 42.55 2.48 0.00 | 38.97 2.03 0.00 | 37.22 1.87 0.00 | 36.97 1.93 0.00 | 39.05 2.07 0.00 | 42.60 2.34 0.00 | 59.36 3.36 0.00 | 70.98 3.89 0.00 | 59.02 3.02 0.00 | 55.10 2.87 0.00 | 54.47 2.89 0.00 | 53.39 2.97 0.00 | 53.17 3.01 0.00 | 54.20 3.16 0.00 | 55.16 2.93 0.00 | 58.68 3.16 0.00 | 71.03 3.77 0.00 | 92.59 5.32 0.00 | 82.11 4.13 0.00 | 70.17 3.59 0.00 | 64.37 3.24 0.00 | 58.91 2.96 0.00 | 53.38 2.59 0.00 | 50.22 2.30 0.00 |
| INDIAN POINT_GT_3 24019 | 42.55 2.48 0.00 | 38.97 2.03 0.00 | 37.22 1.87 0.00 | 36.97 1.93 0.00 | 39.05 2.07 0.00 | 42.60 2.34 0.00 | 59.36 3.36 0.00 | 70.98 3.89 0.00 | 59.02 3.02 0.00 | 55.10 2.87 0.00 | 54.47 2.89 0.00 | 53.39 2.97 0.00 | 53.17 3.01 0.00 | 54.20 3.16 0.00 | 55.16 2.93 0.00 | 58.68 3.16 0.00 | 71.03 3.77 0.00 | 92.59 5.32 0.00 | 82.11 4.13 0.00 | 70.17 3.59 0.00 | 64.37 3.24 0.00 | 58.91 2.96 0.00 | 53.38 2.59 0.00 | 50.22 2.30 0.00 |
| INDIAN POINT___2 23530 | 42.51 2.44 0.00 | 38.93 1.99 0.00 | 37.22 1.87 0.00 | 36.93 1.89 0.00 | 39.01 2.03 0.00 | 42.56 2.29 0.00 | 59.13 3.13 0.00 | 70.91 3.82 0.00 | 58.97 2.97 0.00 | 55.05 2.82 0.00 | 54.42 2.84 0.00 | 53.34 2.92 0.00 | 53.12 2.96 0.00 | 54.15 3.11 0.00 | 55.10 2.87 0.00 | 58.62 3.11 0.00 | 70.89 3.63 0.00 | 92.50 5.24 0.00 | 82.03 4.05 0.00 | 70.10 3.53 0.00 | 64.25 3.12 0.00 | 58.85 2.91 0.00 | 53.28 2.49 0.00 | 50.17 2.25 0.00 |
| INDIAN POINT___3 23531 | 42.51 2.44 0.00 | 38.93 1.99 0.00 | 37.19 1.84 0.00 | 36.93 1.89 0.00 | 39.01 2.03 0.00 | 42.56 2.30 0.00 | 59.36 3.36 0.00 | 70.91 3.82 0.00 | 58.91 2.91 0.00 | 55.00 2.77 0.00 | 54.37 2.79 0.00 | 53.29 2.87 0.00 | 53.12 2.96 0.00 | 54.10 3.06 0.00 | 55.11 2.87 0.00 | 58.57 3.05 0.00 | 70.96 3.70 0.00 | 92.41 5.15 0.00 | 82.03 4.05 0.00 | 70.03 3.46 0.00 | 64.25 3.12 0.00 | 58.85 2.91 0.00 | 53.28 2.49 0.00 | 50.17 2.25 0.00 |
| INGHAM_C_115KV_TB7 356103 | 41.51 1.44 0.00 | 38.30 1.37 0.00 | 36.62 1.27 0.00 | 36.27 1.23 0.00 | 38.31 1.33 0.00 | 41.72 1.45 0.00 | 57.90 1.90 0.00 | 69.44 2.35 0.00 | 57.90 1.90 0.00 | 54.00 1.78 0.00 | 53.34 1.75 0.00 | 52.29 1.87 0.00 | 52.07 1.91 0.00 | 53.02 1.99 0.00 | 54.27 2.04 0.00 | 57.57 2.05 0.00 | 69.82 2.56 0.00 | 90.67 3.40 0.00 | 81.17 3.20 0.00 | 69.30 2.73 0.00 | 63.64 2.51 0.00 | 58.46 2.52 0.00 | 53.18 2.39 0.00 | 50.22 2.30 0.00 |
| IP CORINTH___1 23988 | 42.71 2.64 0.00 | 39.30 2.36 0.00 | 37.61 2.26 0.00 | 37.28 2.24 0.00 | 39.34 2.37 0.00 | 43.05 2.78 0.00 | 59.98 3.98 0.00 | 71.99 4.90 0.00 | 59.75 3.75 0.00 | 55.47 3.24 0.00 | 54.63 3.04 0.00 | 53.29 2.87 0.00 | 52.92 2.76 0.00 | 53.79 2.76 0.00 | 55.26 3.03 0.00 | 58.96 3.44 0.00 | 71.63 4.37 0.00 | 93.29 6.02 0.00 | 83.20 5.22 0.00 | 70.90 4.33 0.00 | 65.53 4.40 0.00 | 59.80 3.86 0.00 | 54.04 3.25 0.00 | 50.99 3.07 0.00 |
| IP___TICONDEROGA 23804 | 44.11 4.05 0.00 | 40.59 3.66 0.00 | 38.85 3.50 0.00 | 38.48 3.43 0.00 | 40.60 3.62 0.00 | 44.54 4.27 0.00 | 62.22 6.22 0.00 | 74.80 7.72 0.00 | 61.71 5.71 0.00 | 57.08 4.86 0.00 | 56.22 4.64 0.00 | 54.71 4.29 0.00 | 54.28 4.11 0.00 | 55.17 4.13 0.00 | 56.83 4.60 0.00 | 60.68 5.16 0.00 | 74.05 6.79 0.00 | 96.86 9.60 0.00 | 86.47 8.50 0.00 | 73.70 7.12 0.00 | 68.16 7.03 0.00 | 62.10 6.15 0.00 | 55.92 5.13 0.00 | 52.76 4.84 0.00 |
| ISLIP_RES_REC 323679 | 44.27 4.21 0.00 | 40.07 3.14 0.00 | 38.21 2.86 0.00 | 37.92 2.87 0.00 | 40.30 3.33 0.00 | 44.10 3.83 0.00 | 59.98 3.98 0.00 | 70.78 3.69 0.00 | 60.03 4.03 0.00 | 56.62 4.39 0.00 | 57.11 5.52 -0.01 | 55.36 4.94 0.00 | 55.69 5.52 -0.01 | 56.61 5.56 -0.02 | 60.22 5.53 -2.45 | 61.69 6.16 -0.02 | 74.46 7.20 0.00 | 97.30 10.03 -0.01 | 86.40 8.42 -0.01 | 73.71 7.13 -0.01 | 67.50 6.36 -0.01 | 61.87 5.87 -0.05 | 58.71 5.08 -2.84 | 52.63 4.70 -0.02 |

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| JAMAICA__27_KV_LOAD 355505 | 43.03 2.96 0.00 | 39.37 2.44 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.42 2.44 0.00 | 43.05 2.78 0.00 | 60.20 4.20 0.00 | 71.78 4.70 0.00 | 60.03 4.03 0.00 | 56.14 3.92 0.00 | 55.50 3.92 0.00 | 54.50 4.08 0.00 | 54.23 4.06 0.00 | 55.17 4.13 0.00 | 56.15 3.92 0.00 | 59.62 4.11 0.00 | 71.83 4.57 0.00 | 93.81 6.54 0.00 | 83.04 5.07 0.00 | 70.97 4.39 0.00 | 65.17 4.03 0.00 | 59.80 3.86 0.00 | 54.09 3.30 0.00 | 50.70 2.78 0.00 |
| JANIS__SOLAR 323808 | 41.11 1.04 0.00 | 38.04 1.11 0.00 | 36.41 1.06 0.00 | 35.99 0.95 0.00 | 38.05 1.07 0.00 | 41.52 1.25 0.00 | 58.58 2.58 0.00 | 70.47 3.35 -0.02 | 58.52 2.52 0.00 | 54.32 2.09 0.00 | 53.39 1.80 0.00 | 52.08 1.66 0.00 | 51.87 1.71 0.00 | 52.82 1.79 0.00 | 54.22 1.98 0.00 | 57.82 2.28 -0.02 | 70.51 3.23 -0.02 | 92.00 4.71 -0.02 | 82.42 4.44 0.00 | 70.23 3.66 0.00 | 64.31 3.18 0.00 | 58.46 2.52 0.00 | 53.23 2.44 0.00 | 50.12 2.21 0.00 |
| JARVIS____ 23743 | 40.31 0.24 0.00 | 37.16 0.22 0.00 | 35.56 0.21 0.00 | 35.22 0.18 0.00 | 37.20 0.22 0.00 | 40.51 0.24 0.00 | 56.28 0.28 0.00 | 67.43 0.34 0.00 | 56.28 0.28 0.00 | 52.49 0.26 0.00 | 51.84 0.26 0.00 | 50.67 0.25 0.00 | 50.42 0.25 0.00 | 51.34 0.31 0.00 | 52.55 0.32 0.00 | 55.85 0.34 0.00 | 67.60 0.34 0.00 | 87.79 0.53 0.00 | 78.44 0.47 0.00 | 66.91 0.33 0.00 | 61.44 0.31 0.00 | 56.22 0.28 0.00 | 51.05 0.26 0.00 | 48.16 0.24 0.00 |
| JENNISON____1 23625 | 41.23 1.16 0.00 | 38.08 1.15 0.00 | 36.44 1.10 0.00 | 36.02 0.98 0.00 | 38.08 1.11 0.00 | 41.52 1.25 0.00 | 58.97 2.97 0.00 | 71.12 4.03 -0.01 | 59.19 3.19 0.00 | 55.20 2.98 0.00 | 54.42 2.84 0.00 | 53.24 2.82 0.00 | 53.02 2.86 0.00 | 53.89 2.86 0.00 | 55.26 3.03 0.00 | 59.02 3.50 -0.01 | 71.84 4.57 -0.01 | 93.90 6.63 -0.01 | 82.89 4.91 0.00 | 70.63 4.06 0.00 | 64.68 3.55 0.00 | 58.52 2.57 0.00 | 53.23 2.44 0.00 | 50.12 2.20 0.00 |
| JENNISON____2 23626 | 41.23 1.16 0.00 | 38.08 1.15 0.00 | 36.44 1.10 0.00 | 36.02 0.98 0.00 | 38.08 1.11 0.00 | 41.52 1.25 0.00 | 58.97 2.97 0.00 | 71.12 4.03 -0.01 | 59.19 3.19 0.00 | 55.20 2.98 0.00 | 54.42 2.84 0.00 | 53.24 2.82 0.00 | 53.02 2.86 0.00 | 53.89 2.86 0.00 | 55.26 3.03 0.00 | 59.02 3.50 -0.01 | 71.84 4.57 -0.01 | 93.90 6.63 -0.01 | 82.89 4.91 0.00 | 70.63 4.06 0.00 | 64.68 3.55 0.00 | 58.52 2.57 0.00 | 53.23 2.44 0.00 | 50.12 2.20 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 38.58 -1.48 0.00 | 35.53 -1.40 0.00 | 33.97 -1.38 0.00 | 33.75 -1.30 0.00 | 35.61 -1.37 0.00 | 38.82 -1.45 0.00 | 54.15 -1.85 0.00 | 64.81 -2.28 0.00 | 54.26 -1.74 0.00 | 50.55 -1.67 0.00 | 49.98 -1.60 0.00 | 48.91 -1.51 0.00 | 48.56 -1.61 0.00 | 49.20 -1.84 0.00 | 50.46 -1.78 0.00 | 53.63 -1.89 0.00 | 65.17 -2.09 0.00 | 84.47 -2.80 0.00 | 75.47 -2.50 0.00 | 64.58 -2.00 0.00 | 59.48 -1.65 0.00 | 54.49 -1.45 0.00 | 49.42 -1.37 0.00 | 46.58 -1.34 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 42.67 2.60 0.00 | 39.11 2.18 0.00 | 37.40 2.05 0.00 | 37.14 2.10 0.00 | 39.23 2.26 0.00 | 42.76 2.50 0.00 | 59.64 3.64 0.00 | 71.32 4.23 0.00 | 59.30 3.30 0.00 | 55.36 3.13 0.00 | 54.73 3.15 0.00 | 53.65 3.23 0.00 | 53.42 3.26 0.00 | 54.45 3.42 0.00 | 55.42 3.19 0.00 | 59.01 3.50 0.00 | 71.43 4.17 0.00 | 93.11 5.85 0.00 | 82.65 4.68 0.00 | 70.57 3.99 0.00 | 64.68 3.55 0.00 | 59.24 3.30 0.00 | 53.58 2.79 0.00 | 50.46 2.54 0.00 |
| KCE_NY_1 323755 | 42.31 2.24 0.00 | 38.93 1.99 0.00 | 37.26 1.91 0.00 | 36.93 1.89 0.00 | 38.97 2.00 0.00 | 42.56 2.29 0.00 | 59.19 3.19 0.00 | 70.98 3.89 0.00 | 58.97 2.97 0.00 | 54.79 2.56 0.00 | 54.01 2.42 0.00 | 52.69 2.27 0.00 | 52.42 2.26 0.00 | 53.33 2.30 0.00 | 54.79 2.56 0.00 | 58.40 2.88 0.00 | 70.89 3.63 0.00 | 92.32 5.06 0.00 | 82.26 4.29 0.00 | 70.17 3.59 0.00 | 64.68 3.54 0.00 | 59.02 3.07 0.00 | 53.43 2.64 0.00 | 50.41 2.49 0.00 |
| KCE_NY_6_ESR 323823 | 36.78 -3.28 0.00 | 34.46 -2.47 0.00 | 33.08 -2.26 0.00 | 32.66 -2.38 0.00 | 34.20 -2.77 0.00 | 37.01 -3.26 0.00 | 52.08 -3.92 0.00 | 60.84 -6.24 0.02 | 51.41 -4.59 0.00 | 48.26 -3.97 0.00 | 47.77 -3.82 0.00 | 46.29 -4.13 0.00 | 46.05 -4.11 0.00 | 47.05 -3.98 0.00 | 48.21 -4.02 0.00 | 50.78 -4.72 0.02 | 61.26 -5.99 0.02 | 79.74 -7.51 0.02 | 72.59 -5.38 0.00 | 61.05 -5.52 0.00 | 56.18 -4.95 0.00 | 51.80 -4.14 0.00 | 48.35 -2.44 0.00 | 46.48 -1.44 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 43.95 3.89 0.00 | 39.82 2.88 0.00 | 37.96 2.62 0.00 | 37.67 2.63 0.00 | 40.04 3.07 0.00 | 43.81 3.54 0.00 | 59.47 3.47 0.00 | 70.04 2.95 0.00 | 59.53 3.53 0.00 | 56.20 3.97 0.00 | 56.65 5.06 -0.01 | 54.96 4.54 0.00 | 55.24 5.06 -0.01 | 56.10 5.05 -0.02 | 59.66 4.96 -2.46 | 61.08 5.55 -0.02 | 73.52 6.26 0.00 | 96.00 8.73 -0.01 | 85.23 7.25 -0.01 | 72.77 6.19 -0.01 | 66.70 5.56 -0.01 | 61.32 5.32 -0.06 | 58.22 4.57 -2.85 | 52.20 4.26 -0.02 |
| KEDC_PORT_JEFF_GT3 24211 | 43.95 3.89 0.00 | 39.82 2.88 0.00 | 37.96 2.62 0.00 | 37.67 2.63 0.00 | 40.04 3.07 0.00 | 43.81 3.54 0.00 | 59.47 3.47 0.00 | 70.04 2.95 0.00 | 59.53 3.53 0.00 | 56.20 3.97 0.00 | 56.65 5.06 -0.01 | 54.96 4.54 0.00 | 55.24 5.06 -0.01 | 56.10 5.05 -0.02 | 59.66 4.96 -2.46 | 61.08 5.55 -0.02 | 73.52 6.26 0.00 | 96.00 8.73 -0.01 | 85.23 7.25 -0.01 | 72.77 6.19 -0.01 | 66.70 5.56 -0.01 | 61.32 5.32 -0.06 | 58.22 4.57 -2.85 | 52.20 4.26 -0.02 |
| KEDC_GLWD_GT4 24219 | 43.27 3.21 0.00 | 39.45 2.51 0.00 | 37.68 2.33 0.00 | 37.35 2.31 0.00 | 39.56 2.59 0.00 | 43.21 2.94 0.00 | 59.53 3.53 0.00 | 71.11 4.03 0.00 | 59.47 3.47 0.00 | 55.78 3.55 0.00 | 55.61 4.03 -0.01 | 54.30 3.88 0.00 | 54.28 4.11 -0.01 | 55.18 4.13 -0.01 | 57.97 3.92 -1.81 | 59.86 4.33 -0.01 | 72.44 5.18 0.00 | 94.51 7.24 -0.01 | 83.83 5.85 -0.01 | 71.57 5.00 -0.01 | 65.60 4.46 -0.01 | 59.98 4.03 -0.01 | 56.35 3.46 -2.10 | 51.14 3.21 -0.01 |
| KEDC_GLWD_GT5 24220 | 43.27 3.21 0.00 | 39.45 2.51 0.00 | 37.68 2.33 0.00 | 37.35 2.31 0.00 | 39.56 2.59 0.00 | 43.21 2.94 0.00 | 59.53 3.53 0.00 | 71.11 4.03 0.00 | 59.47 3.47 0.00 | 55.78 3.55 0.00 | 55.61 4.03 -0.01 | 54.30 3.88 0.00 | 54.28 4.11 -0.01 | 55.18 4.13 -0.01 | 57.97 3.92 -1.81 | 59.86 4.33 -0.01 | 72.44 5.18 0.00 | 94.51 7.24 -0.01 | 83.83 5.85 -0.01 | 71.57 5.00 -0.01 | 65.60 4.46 -0.01 | 59.98 4.03 -0.01 | 56.35 3.46 -2.10 | 51.14 3.21 -0.01 |
| KENSICO____ 23655 | 42.67 2.60 0.00 | 39.04 2.11 0.00 | 37.33 1.98 0.00 | 37.04 2.00 0.00 | 39.16 2.18 0.00 | 42.72 2.46 0.00 | 59.53 3.53 0.00 | 71.18 4.09 0.00 | 59.19 3.19 0.00 | 55.26 3.03 0.00 | 54.68 3.09 0.00 | 53.60 3.18 0.00 | 53.37 3.21 0.00 | 54.40 3.37 0.00 | 55.37 3.13 0.00 | 58.90 3.39 0.00 | 71.30 4.04 0.00 | 92.94 5.67 0.00 | 82.34 4.37 0.00 | 70.37 3.79 0.00 | 64.56 3.42 0.00 | 59.13 3.19 0.00 | 53.53 2.74 0.00 | 50.36 2.44 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 42.67 2.60 0.00 | 39.15 2.22 0.00 | 37.40 2.05 0.00 | 37.11 2.07 0.00 | 39.23 2.26 0.00 | 42.84 2.58 0.00 | 59.92 3.92 0.00 | 71.65 4.56 0.00 | 59.53 3.53 0.00 | 55.47 3.24 0.00 | 54.63 3.04 0.00 | 53.50 3.08 0.00 | 53.27 3.11 0.00 | 54.25 3.22 0.00 | 55.37 3.13 0.00 | 58.96 3.44 0.00 | 71.77 4.51 0.00 | 93.55 6.28 0.00 | 83.04 5.07 0.00 | 70.90 4.33 0.00 | 64.92 3.79 0.00 | 59.52 3.58 0.00 | 53.84 3.05 0.00 | 50.65 2.73 0.00 |

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| KIAC_JFK_GT1 23816 | 42.79 2.72 0.00 | 39.15 2.22 0.00 | 37.29 1.94 0.00 | 37.04 2.00 0.00 | 39.19 2.22 0.00 | 42.80 2.54 0.00 | 59.81 3.81 0.00 | 71.11 4.03 0.00 | 59.64 3.64 0.00 | 55.83 3.60 0.00 | 55.19 3.61 0.00 | 54.20 3.78 0.00 | 53.93 3.76 0.00 | 54.91 3.88 0.00 | 55.84 3.60 0.00 | 59.29 3.77 0.00 | 71.16 3.90 0.00 | 92.94 5.67 0.00 | 82.26 4.29 0.00 | 70.30 3.73 0.00 | 64.56 3.42 0.00 | 59.47 3.52 0.00 | 53.79 3.00 0.00 | 50.41 2.49 0.00 |
| KIAC_JFK_GT2 23817 | 42.79 2.72 0.00 | 39.15 2.22 0.00 | 37.29 1.94 0.00 | 37.04 2.00 0.00 | 39.19 2.22 0.00 | 42.80 2.54 0.00 | 59.81 3.81 0.00 | 71.11 4.03 0.00 | 59.64 3.64 0.00 | 55.83 3.60 0.00 | 55.19 3.61 0.00 | 54.20 3.78 0.00 | 53.93 3.76 0.00 | 54.91 3.88 0.00 | 55.84 3.60 0.00 | 59.29 3.77 0.00 | 71.16 3.90 0.00 | 92.94 5.67 0.00 | 82.26 4.29 0.00 | 70.30 3.73 0.00 | 64.56 3.42 0.00 | 59.47 3.52 0.00 | 53.79 3.00 0.00 | 50.41 2.49 0.00 |
| KIAC_JFK____ 323774 | 42.79 2.73 0.00 | 39.15 2.22 0.00 | 37.33 1.98 0.00 | 37.04 2.00 0.00 | 39.19 2.22 0.00 | 42.81 2.54 0.00 | 59.53 3.53 0.00 | 71.11 4.03 0.00 | 59.64 3.64 0.00 | 55.83 3.60 0.00 | 55.19 3.61 0.00 | 54.21 3.78 -0.01 | 53.94 3.76 -0.01 | 54.96 3.93 0.00 | 55.83 3.60 0.00 | 59.29 3.78 0.00 | 71.09 3.83 0.00 | 92.86 5.59 0.00 | 82.26 4.29 0.00 | 70.30 3.73 0.00 | 64.43 3.30 0.00 | 59.41 3.47 0.00 | 53.79 3.00 0.00 | 50.41 2.49 0.00 |
| KINTIGH__24_KV_GSU 356498 | 37.22 -2.84 0.00 | 34.79 -2.14 0.00 | 33.37 -1.98 0.00 | 32.94 -2.10 0.00 | 34.53 -2.44 0.00 | 37.41 -2.86 0.00 | 52.47 -3.53 0.00 | 61.38 -5.70 0.01 | 51.86 -4.14 0.00 | 48.83 -3.39 0.00 | 48.38 -3.20 0.00 | 46.89 -3.53 0.00 | 46.65 -3.51 0.00 | 47.56 -3.47 0.00 | 48.73 -3.50 0.00 | 51.12 -4.39 0.01 | 61.87 -5.38 0.01 | 79.31 -7.94 0.01 | 72.82 -5.15 0.00 | 61.45 -5.12 0.00 | 56.61 -4.52 0.00 | 52.03 -3.92 0.00 | 48.25 -2.54 0.00 | 46.24 -1.68 0.00 |
| KINTIGH____ 23543 | 37.18 -2.88 0.00 | 34.79 -2.14 0.00 | 33.47 -1.87 0.00 | 32.94 -2.10 0.00 | 34.53 -2.44 0.00 | 37.41 -2.86 0.00 | 51.58 -4.42 0.00 | 61.38 -5.70 0.01 | 51.80 -4.20 0.00 | 48.83 -3.39 0.00 | 48.38 -3.20 0.00 | 46.89 -3.53 0.00 | 46.65 -3.51 0.00 | 47.56 -3.47 0.00 | 48.73 -3.50 0.00 | 51.12 -4.39 0.01 | 61.67 -5.58 0.01 | 79.23 -8.03 0.01 | 72.13 -5.85 0.00 | 61.45 -5.13 0.00 | 56.30 -4.83 0.00 | 51.86 -4.08 0.00 | 48.15 -2.64 0.00 | 46.24 -1.68 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 38.90 -1.16 0.00 | 35.79 -1.14 0.00 | 34.22 -1.13 0.00 | 34.03 -1.02 0.00 | 35.94 -1.04 0.00 | 39.18 -1.09 0.00 | 54.88 -1.12 0.00 | 65.55 -1.54 0.00 | 54.82 -1.18 0.00 | 51.03 -1.20 0.00 | 50.45 -1.13 0.00 | 49.36 -1.06 0.00 | 49.01 -1.15 0.00 | 49.60 -1.43 0.00 | 50.93 -1.31 0.00 | 54.18 -1.33 0.00 | 65.98 -1.28 0.00 | 85.52 -1.75 0.00 | 76.57 -1.40 0.00 | 65.51 -1.07 0.00 | 60.34 -0.79 0.00 | 55.27 -0.67 0.00 | 50.08 -0.71 0.00 | 47.10 -0.81 0.00 |
| LACHUTE____HYDRO 323717 | 44.11 4.04 0.00 | 40.59 3.66 0.00 | 38.85 3.50 0.00 | 38.48 3.44 0.00 | 40.60 3.63 0.00 | 44.53 4.27 0.00 | 62.22 6.22 0.00 | 74.80 7.71 0.00 | 61.71 5.71 0.00 | 57.09 4.86 0.00 | 56.23 4.64 0.00 | 54.70 4.28 0.00 | 54.28 4.11 0.00 | 55.17 4.13 0.00 | 56.83 4.60 0.00 | 60.68 5.16 0.00 | 73.99 6.73 0.00 | 96.86 9.60 0.00 | 86.47 8.50 0.00 | 73.70 7.13 0.00 | 68.16 7.03 0.00 | 62.10 6.15 0.00 | 55.92 5.13 0.00 | 52.76 4.84 0.00 |
| LAWRNCV_115KV_TB1 80681 | 39.87 -0.20 0.00 | 36.71 -0.22 0.00 | 35.06 -0.28 0.00 | 34.87 -0.18 0.00 | 36.83 -0.15 0.00 | 40.15 -0.12 0.00 | 55.94 -0.06 0.00 | 66.95 -0.13 0.00 | 56.06 0.06 0.00 | 52.18 -0.05 0.00 | 51.58 0.00 0.00 | 50.52 0.10 0.00 | 50.16 0.00 0.00 | 50.78 -0.26 0.00 | 51.92 -0.31 0.00 | 54.90 -0.61 0.00 | 66.52 -0.74 0.00 | 86.04 -1.22 0.00 | 77.12 -0.86 0.00 | 66.17 -0.40 0.00 | 61.13 0.00 0.00 | 56.28 0.34 0.00 | 51.20 0.41 0.00 | 48.16 0.24 0.00 |
| LEDERLE____ 23769 | 42.67 2.60 0.00 | 39.08 2.14 0.00 | 37.36 2.01 0.00 | 37.07 2.03 0.00 | 39.19 2.22 0.00 | 42.76 2.50 0.00 | 59.64 3.64 0.00 | 71.25 4.16 0.00 | 59.19 3.19 0.00 | 55.26 3.03 0.00 | 54.57 2.99 0.00 | 53.50 3.08 0.00 | 53.32 3.16 0.00 | 54.30 3.27 0.00 | 55.32 3.08 0.00 | 58.79 3.28 0.00 | 71.30 4.04 0.00 | 92.94 5.67 0.00 | 82.42 4.44 0.00 | 70.43 3.86 0.00 | 64.56 3.42 0.00 | 59.13 3.19 0.00 | 53.53 2.74 0.00 | 50.36 2.44 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 39.58 -0.48 0.00 | 36.60 -0.33 0.00 | 35.03 -0.32 0.00 | 34.66 -0.39 0.00 | 36.61 -0.37 0.00 | 39.82 -0.44 0.00 | 55.38 -0.62 0.00 | 66.69 -0.40 0.00 | 55.61 -0.39 0.00 | 52.07 -0.16 0.00 | 51.38 -0.21 0.00 | 50.17 -0.25 0.00 | 49.91 -0.25 0.00 | 50.73 -0.31 0.00 | 51.97 -0.26 0.00 | 55.07 -0.44 0.00 | 66.66 -0.61 0.00 | 86.57 -0.70 0.00 | 77.58 -0.39 0.00 | 66.31 -0.27 0.00 | 60.77 -0.37 0.00 | 55.55 -0.39 0.00 | 50.59 -0.20 0.00 | 47.63 -0.29 0.00 |
| LINDEN COGEN____ 23786 | 42.79 2.73 0.00 | 39.15 2.22 0.00 | 37.36 2.01 0.00 | 37.07 2.03 0.00 | 39.19 2.22 0.00 | 42.77 2.50 0.00 | 59.36 3.36 0.00 | 71.32 4.23 0.00 | 59.30 3.30 0.00 | 55.41 3.19 0.00 | 54.83 3.25 0.00 | 53.75 3.33 -0.01 | 53.58 3.41 -0.01 | 54.60 3.57 0.00 | 55.47 3.24 0.00 | 58.96 3.44 0.00 | 71.16 3.90 0.00 | 92.86 5.59 0.00 | 82.18 4.21 0.00 | 70.23 3.66 0.00 | 64.43 3.30 0.00 | 59.07 3.13 0.00 | 53.48 2.69 0.00 | 50.27 2.35 0.00 |
| LINDHRST_69_KV_BK1 356055 | 44.35 4.29 0.00 | 40.19 3.25 0.00 | 38.25 2.90 0.00 | 38.02 2.98 0.00 | 40.38 3.40 0.00 | 44.17 3.91 0.00 | 60.65 4.65 0.00 | 71.45 4.36 0.00 | 60.42 4.42 0.00 | 56.72 4.49 0.00 | 57.11 5.52 -0.01 | 55.46 5.04 0.00 | 55.69 5.52 -0.01 | 56.56 5.51 -0.01 | 60.06 5.48 -2.34 | 61.64 6.11 -0.01 | 74.79 7.53 0.00 | 97.66 10.38 -0.01 | 86.64 8.66 -0.01 | 73.97 7.39 -0.01 | 67.80 6.66 -0.01 | 61.78 5.82 -0.02 | 58.58 5.08 -2.71 | 52.63 4.70 -0.02 |
| LIPA_MISC_IPP 23656 | 43.99 3.93 0.00 | 39.82 2.88 0.00 | 37.89 2.55 0.00 | 37.67 2.63 0.00 | 40.04 3.07 0.00 | 43.81 3.54 0.00 | 59.86 3.86 0.00 | 70.24 3.15 0.00 | 59.64 3.64 0.00 | 56.14 3.92 0.00 | 56.59 5.00 -0.01 | 54.86 4.44 0.00 | 55.14 4.97 -0.01 | 56.05 5.00 -0.02 | 59.66 4.96 -2.46 | 61.08 5.55 -0.02 | 73.85 6.59 0.00 | 96.44 9.16 -0.01 | 85.62 7.64 -0.01 | 73.04 6.46 -0.01 | 67.07 5.93 -0.01 | 61.31 5.31 -0.06 | 58.27 4.62 -2.86 | 52.25 4.31 -0.02 |
| LISF____SOLAR 323691 | 44.07 4.01 0.00 | 39.89 2.96 0.00 | 38.03 2.69 0.00 | 37.70 2.66 0.00 | 40.12 3.14 0.00 | 43.89 3.63 0.00 | 59.59 3.59 0.00 | 70.38 3.29 0.00 | 59.53 3.53 0.00 | 56.20 3.97 0.00 | 56.70 5.11 -0.01 | 54.96 4.54 0.00 | 55.24 5.06 -0.01 | 56.15 5.10 -0.02 | 59.82 5.12 -2.46 | 61.19 5.67 -0.02 | 73.92 6.66 0.00 | 96.70 9.43 -0.01 | 85.78 7.80 -0.01 | 73.24 6.66 -0.01 | 67.07 5.93 -0.01 | 61.48 5.49 -0.06 | 58.37 4.72 -2.85 | 52.34 4.41 -0.02 |
| LITTLE FALLS____HYD 24013 | 41.51 1.44 0.00 | 38.30 1.37 0.00 | 36.62 1.27 0.00 | 36.27 1.23 0.00 | 38.31 1.33 0.00 | 41.72 1.45 0.00 | 57.90 1.90 0.00 | 69.44 2.35 0.00 | 57.90 1.90 0.00 | 54.00 1.78 0.00 | 53.34 1.75 0.00 | 52.29 1.87 0.00 | 52.07 1.91 0.00 | 53.02 1.99 0.00 | 54.27 2.04 0.00 | 57.57 2.05 0.00 | 69.82 2.56 0.00 | 90.67 3.40 0.00 | 81.17 3.20 0.00 | 69.30 2.73 0.00 | 63.64 2.51 0.00 | 58.46 2.52 0.00 | 53.18 2.39 0.00 | 50.22 2.30 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 40.35 0.28 0.00 | 37.16 0.22 0.00 | 35.49 0.14 0.00 | 35.25 0.21 0.00 | 37.27 0.30 0.00 | 40.63 0.36 0.00 | 56.73 0.73 0.00 | 67.96 0.87 0.00 | 56.78 0.78 0.00 | 52.65 0.42 0.00 | 52.05 0.46 0.00 | 50.97 0.55 0.00 | 50.62 0.45 0.00 | 51.24 0.20 0.00 | 52.39 0.16 0.00 | 55.40 -0.11 0.00 | 67.39 0.13 0.00 | 87.35 0.09 0.00 | 78.44 0.47 0.00 | 67.24 0.67 0.00 | 62.11 0.98 0.00 | 57.12 1.17 0.00 | 51.91 1.12 0.00 | 48.83 0.91 0.00 |
| LI_NEWBRDGE___DRP 323616 | 43.47 3.41 0.00 | 39.45 2.51 0.00 | 37.57 2.23 0.00 | 37.32 2.28 0.00 | 39.64 2.66 0.00 | 43.33 3.06 0.00 | 59.42 3.42 0.00 | 70.04 2.95 0.00 | 59.19 3.19 0.00 | 55.67 3.45 0.00 | 55.87 4.28 -0.01 | 54.40 3.98 0.00 | 54.54 4.36 -0.01 | 55.18 4.13 -0.02 | 58.67 3.92 -2.51 | 60.03 4.50 -0.02 | 72.78 5.52 0.00 | 94.87 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.97 4.83 -0.01 | 60.10 4.14 -0.02 | 57.26 3.56 -2.91 | 51.34 3.40 -0.02 |
| LOCKPORT_115KV_TB60_63_64 80432 | 36.86 -3.21 0.00 | 34.61 -2.33 0.00 | 33.33 -2.01 0.00 | 32.76 -2.28 0.00 | 34.28 -2.70 0.00 | 36.80 -3.46 0.00 | 50.62 -5.38 0.00 | 60.23 -6.84 0.01 | 50.90 -5.10 0.00 | 48.00 -4.23 0.00 | 47.56 -4.02 0.00 | 46.08 -4.34 0.00 | 45.80 -4.36 0.00 | 46.75 -4.29 0.00 | 47.90 -4.34 0.00 | 50.28 -5.22 0.01 | 60.59 -6.66 0.01 | 78.18 -9.08 0.01 | 70.96 -7.02 0.00 | 60.45 -6.12 0.00 | 55.32 -5.81 0.00 | 51.13 -4.81 0.00 | 47.74 -3.05 0.00 | 45.95 -1.96 0.00 |
| LOCKPORT___CC1 323769 | 36.82 -3.24 0.00 | 34.54 -2.40 0.00 | 33.12 -2.23 0.00 | 32.69 -2.35 0.00 | 34.24 -2.74 0.00 | 36.76 -3.50 0.00 | 51.69 -4.31 0.00 | 60.23 -6.84 0.01 | 50.96 -5.04 0.00 | 48.00 -4.23 0.00 | 47.56 -4.02 0.00 | 46.03 -4.39 0.00 | 45.80 -4.36 0.00 | 46.70 -4.34 0.00 | 47.90 -4.33 0.00 | 50.28 -5.22 0.01 | 60.66 -6.59 0.01 | 78.17 -9.08 0.01 | 71.81 -6.16 0.00 | 60.38 -6.19 0.00 | 55.69 -5.44 0.00 | 51.24 -4.70 0.00 | 47.79 -3.00 0.00 | 45.95 -1.97 0.00 |
| LOCKPORT___CC2 323770 | 36.82 -3.24 0.00 | 34.54 -2.40 0.00 | 33.12 -2.23 0.00 | 32.69 -2.35 0.00 | 34.24 -2.74 0.00 | 36.76 -3.50 0.00 | 51.69 -4.31 0.00 | 60.23 -6.84 0.01 | 50.96 -5.04 0.00 | 48.00 -4.23 0.00 | 47.56 -4.02 0.00 | 46.03 -4.39 0.00 | 45.80 -4.36 0.00 | 46.70 -4.34 0.00 | 47.90 -4.33 0.00 | 50.28 -5.22 0.01 | 60.66 -6.59 0.01 | 78.17 -9.08 0.01 | 71.81 -6.16 0.00 | 60.38 -6.19 0.00 | 55.69 -5.44 0.00 | 51.24 -4.70 0.00 | 47.79 -3.00 0.00 | 45.95 -1.97 0.00 |
| LOCKPORT___CC3 323771 | 36.82 -3.24 0.00 | 34.54 -2.40 0.00 | 33.12 -2.23 0.00 | 32.69 -2.35 0.00 | 34.24 -2.74 0.00 | 36.76 -3.50 0.00 | 51.69 -4.31 0.00 | 60.23 -6.84 0.01 | 50.96 -5.04 0.00 | 48.00 -4.23 0.00 | 47.56 -4.02 0.00 | 46.03 -4.39 0.00 | 45.80 -4.36 0.00 | 46.70 -4.34 0.00 | 47.90 -4.33 0.00 | 50.28 -5.22 0.01 | 60.66 -6.59 0.01 | 78.17 -9.08 0.01 | 71.81 -6.16 0.00 | 60.38 -6.19 0.00 | 55.69 -5.44 0.00 | 51.24 -4.70 0.00 | 47.79 -3.00 0.00 | 45.95 -1.97 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 43.59 3.53 0.00 | 39.63 2.70 0.00 | 37.75 2.40 0.00 | 37.53 2.49 0.00 | 39.79 2.81 0.00 | 43.49 3.22 0.00 | 59.92 3.92 0.00 | 70.91 3.82 0.00 | 59.70 3.70 0.00 | 56.04 3.81 0.00 | 56.08 4.49 -0.01 | 54.66 4.24 0.00 | 54.73 4.56 -0.01 | 55.54 4.49 -0.01 | 58.56 4.34 -1.99 | 60.36 4.83 -0.01 | 73.04 5.78 0.00 | 95.30 8.03 -0.01 | 84.45 6.47 -0.01 | 72.17 5.59 -0.01 | 66.21 5.07 -0.01 | 60.43 4.48 -0.01 | 56.96 3.86 -2.30 | 51.53 3.59 -0.01 |
| LONG_LAKE_PHOENIX 24014 | 39.22 -0.84 0.00 | 36.27 -0.66 0.00 | 34.78 -0.57 0.00 | 34.41 -0.63 0.00 | 36.31 -0.67 0.00 | 39.50 -0.77 0.00 | 54.94 -1.06 0.00 | 66.02 -1.07 0.00 | 55.16 -0.84 0.00 | 51.50 -0.73 0.00 | 50.86 -0.72 0.00 | 49.61 -0.81 0.00 | 49.36 -0.80 0.00 | 50.22 -0.82 0.00 | 51.45 -0.78 0.00 | 54.68 -0.83 0.00 | 66.18 -1.08 0.00 | 85.78 -1.48 0.00 | 76.73 -1.25 0.00 | 65.51 -1.07 0.00 | 60.03 -1.10 0.00 | 54.82 -1.12 0.00 | 49.88 -0.91 0.00 | 47.06 -0.86 0.00 |
| LOVETT___3 23632 | 42.51 2.44 0.00 | 38.93 1.99 0.00 | 37.22 1.87 0.00 | 36.93 1.89 0.00 | 39.05 2.07 0.00 | 42.56 2.30 0.00 | 59.36 3.36 0.00 | 70.91 3.82 0.00 | 58.91 2.91 0.00 | 55.00 2.77 0.00 | 54.37 2.79 0.00 | 53.29 2.87 0.00 | 53.12 2.96 0.00 | 54.10 3.06 0.00 | 55.05 2.82 0.00 | 58.57 3.05 0.00 | 70.89 3.63 0.00 | 92.41 5.15 0.00 | 81.95 3.98 0.00 | 70.03 3.46 0.00 | 64.25 3.12 0.00 | 58.80 2.85 0.00 | 53.28 2.49 0.00 | 50.12 2.20 0.00 |
| LOVETT___4 23642 | 42.51 2.44 0.00 | 38.93 1.99 0.00 | 37.22 1.87 0.00 | 36.93 1.89 0.00 | 39.05 2.07 0.00 | 42.56 2.30 0.00 | 59.36 3.36 0.00 | 70.91 3.82 0.00 | 58.91 2.91 0.00 | 55.00 2.77 0.00 | 54.37 2.79 0.00 | 53.29 2.87 0.00 | 53.12 2.96 0.00 | 54.10 3.06 0.00 | 55.05 2.82 0.00 | 58.57 3.05 0.00 | 70.89 3.63 0.00 | 92.41 5.15 0.00 | 81.95 3.98 0.00 | 70.03 3.46 0.00 | 64.25 3.12 0.00 | 58.80 2.85 0.00 | 53.28 2.49 0.00 | 50.12 2.20 0.00 |
| LOVETT___5 23593 | 42.51 2.44 0.00 | 38.93 1.99 0.00 | 37.22 1.87 0.00 | 36.93 1.89 0.00 | 39.05 2.07 0.00 | 42.56 2.30 0.00 | 59.36 3.36 0.00 | 70.91 3.82 0.00 | 58.91 2.91 0.00 | 55.00 2.77 0.00 | 54.37 2.79 0.00 | 53.29 2.87 0.00 | 53.12 2.96 0.00 | 54.10 3.06 0.00 | 55.05 2.82 0.00 | 58.57 3.05 0.00 | 70.89 3.63 0.00 | 92.41 5.15 0.00 | 81.95 3.98 0.00 | 70.03 3.46 0.00 | 64.25 3.12 0.00 | 58.80 2.85 0.00 | 53.28 2.49 0.00 | 50.12 2.20 0.00 |
| LOWER RAQUET___HYD 24057 | 39.83 -0.24 0.00 | 36.68 -0.26 0.00 | 35.06 -0.28 0.00 | 34.83 -0.21 0.00 | 36.79 -0.18 0.00 | 40.11 -0.16 0.00 | 55.89 -0.11 0.00 | 66.89 -0.20 0.00 | 56.06 0.06 0.00 | 52.12 -0.10 0.00 | 51.58 0.00 0.00 | 50.47 0.05 0.00 | 50.11 -0.05 0.00 | 50.78 -0.25 0.00 | 51.87 -0.36 0.00 | 54.74 -0.78 0.00 | 66.38 -0.88 0.00 | 85.78 -1.48 0.00 | 76.88 -1.09 0.00 | 66.04 -0.53 0.00 | 61.01 -0.12 0.00 | 56.28 0.34 0.00 | 51.20 0.40 0.00 | 48.16 0.24 0.00 |
| LOWER___HUDSON 24059 | 41.71 1.64 0.00 | 38.37 1.44 0.00 | 36.72 1.38 0.00 | 36.41 1.37 0.00 | 38.42 1.44 0.00 | 41.92 1.65 0.00 | 58.13 2.13 0.00 | 69.70 2.61 0.00 | 58.01 2.01 0.00 | 53.95 1.72 0.00 | 53.13 1.55 0.00 | 51.93 1.51 0.00 | 51.72 1.56 0.00 | 52.67 1.63 0.00 | 54.01 1.78 0.00 | 57.51 2.00 0.00 | 69.75 2.49 0.00 | 90.76 3.49 0.00 | 80.86 2.89 0.00 | 69.04 2.46 0.00 | 63.45 2.32 0.00 | 58.01 2.07 0.00 | 52.47 1.67 0.00 | 49.55 1.63 0.00 |
| LOWVILLE_115KV_TB2 356335 | 40.27 0.20 0.00 | 37.16 0.22 0.00 | 35.52 0.18 0.00 | 35.18 0.14 0.00 | 37.23 0.26 0.00 | 40.59 0.32 0.00 | 56.62 0.62 0.00 | 68.30 1.21 0.00 | 56.90 0.90 0.00 | 53.06 0.84 0.00 | 52.41 0.83 0.00 | 51.18 0.76 0.00 | 50.92 0.75 0.00 | 51.70 0.66 0.00 | 52.96 0.73 0.00 | 56.18 0.67 0.00 | 68.07 0.81 0.00 | 88.49 1.22 0.00 | 79.45 1.48 0.00 | 67.90 1.33 0.00 | 62.36 1.22 0.00 | 57.06 1.12 0.00 | 51.81 1.02 0.00 | 48.64 0.72 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 42.31 2.24 0.00 | 38.93 1.99 0.00 | 37.22 1.87 0.00 | 36.90 1.86 0.00 | 38.93 1.96 0.00 | 42.52 2.25 0.00 | 59.19 3.19 0.00 | 70.98 3.89 0.00 | 58.97 2.97 0.00 | 54.79 2.56 0.00 | 53.95 2.37 0.00 | 52.69 2.27 0.00 | 52.37 2.21 0.00 | 53.33 2.30 0.00 | 54.74 2.51 0.00 | 58.35 2.83 0.00 | 70.89 3.63 0.00 | 92.24 4.97 0.00 | 82.26 4.29 0.00 | 70.10 3.53 0.00 | 64.62 3.48 0.00 | 59.02 3.08 0.00 | 53.38 2.59 0.00 | 50.36 2.44 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 42.31 2.24 0.00 | 38.93 1.99 0.00 | 37.26 1.91 0.00 | 36.93 1.89 0.00 | 38.97 2.00 0.00 | 42.56 2.30 0.00 | 59.25 3.25 0.00 | 70.98 3.89 0.00 | 59.02 3.02 0.00 | 54.79 2.56 0.00 | 54.01 2.42 0.00 | 52.69 2.27 0.00 | 52.42 2.26 0.00 | 53.38 2.35 0.00 | 54.79 2.56 0.00 | 58.40 2.89 0.00 | 70.96 3.70 0.00 | 92.33 5.06 0.00 | 82.26 4.29 0.00 | 70.17 3.59 0.00 | 64.68 3.55 0.00 | 59.08 3.13 0.00 | 53.43 2.64 0.00 | 50.41 2.49 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 39.79 -0.28 0.00 | 36.68 -0.26 0.00 | 35.03 -0.32 0.00 | 34.76 -0.28 0.00 | 36.75 -0.22 0.00 | 40.07 -0.20 0.00 | 55.72 -0.28 0.00 | 67.02 -0.07 0.00 | 56.00 0.00 0.00 | 52.12 -0.10 0.00 | 51.69 0.10 0.00 | 50.52 0.10 0.00 | 50.21 0.05 0.00 | 50.93 -0.10 0.00 | 52.08 -0.16 0.00 | 55.07 -0.44 0.00 | 66.59 -0.67 0.00 | 86.31 -0.96 0.00 | 77.51 -0.47 0.00 | 66.37 -0.20 0.00 | 61.19 0.06 0.00 | 56.33 0.39 0.00 | 51.20 0.41 0.00 | 48.11 0.19 0.00 |
| LYONS_FALL_HYD 23570 | 40.51 0.44 0.00 | 37.38 0.44 0.00 | 35.74 0.39 0.00 | 35.39 0.35 0.00 | 37.45 0.48 0.00 | 40.83 0.56 0.00 | 57.01 1.01 0.00 | 68.63 1.54 0.00 | 57.23 1.23 0.00 | 53.38 1.15 0.00 | 52.72 1.13 0.00 | 51.48 1.06 0.00 | 51.22 1.06 0.00 | 52.05 1.02 0.00 | 53.33 1.10 0.00 | 56.57 1.05 0.00 | 68.61 1.34 0.00 | 89.10 1.84 0.00 | 79.84 1.87 0.00 | 68.17 1.60 0.00 | 62.60 1.46 0.00 | 57.23 1.29 0.00 | 51.96 1.17 0.00 | 48.83 0.91 0.00 |
| MADISON___COUNTY_LFGE 323628 | 40.99 0.92 0.00 | 37.86 0.92 0.00 | 36.27 0.92 0.00 | 35.88 0.84 0.00 | 37.94 0.96 0.00 | 41.35 1.09 0.00 | 57.68 1.68 0.00 | 69.44 2.35 0.00 | 57.90 1.90 0.00 | 54.00 1.78 0.00 | 53.34 1.75 0.00 | 52.08 1.66 0.00 | 51.87 1.71 0.00 | 52.72 1.68 0.00 | 54.01 1.78 0.00 | 57.40 1.89 0.00 | 69.61 2.35 0.00 | 90.32 3.05 0.00 | 80.78 2.81 0.00 | 68.90 2.33 0.00 | 63.15 2.02 0.00 | 57.68 1.73 0.00 | 52.42 1.63 0.00 | 49.36 1.44 0.00 |
| MALONE___115KV_TB1 356076 | 39.18 -0.88 0.00 | 36.09 -0.85 0.00 | 34.46 -0.88 0.00 | 34.27 -0.77 0.00 | 36.20 -0.78 0.00 | 39.50 -0.77 0.00 | 55.33 -0.67 0.00 | 66.15 -0.94 0.00 | 55.38 -0.62 0.00 | 51.55 -0.68 0.00 | 50.96 -0.62 0.00 | 49.92 -0.50 0.00 | 49.51 -0.65 0.00 | 50.06 -0.97 0.00 | 51.35 -0.89 0.00 | 54.51 -1.00 0.00 | 66.32 -0.94 0.00 | 85.96 -1.31 0.00 | 76.88 -1.09 0.00 | 65.84 -0.73 0.00 | 60.77 -0.37 0.00 | 55.72 -0.22 0.00 | 50.54 -0.25 0.00 | 47.54 -0.38 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 41.47 1.40 0.00 | 38.15 1.22 0.00 | 36.51 1.17 0.00 | 36.37 1.33 0.00 | 38.42 1.44 0.00 | 41.88 1.61 0.00 | 58.07 2.07 0.00 | 69.64 2.55 0.00 | 57.90 1.90 0.00 | 53.85 1.62 0.00 | 53.03 1.44 0.00 | 51.88 1.46 0.00 | 51.62 1.45 0.00 | 52.62 1.58 0.00 | 53.90 1.67 0.00 | 57.46 1.94 0.00 | 69.68 2.42 0.00 | 90.58 3.32 0.00 | 80.78 2.81 0.00 | 68.90 2.33 0.00 | 63.39 2.26 0.00 | 57.90 1.96 0.00 | 52.37 1.57 0.00 | 49.55 1.63 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 38.94 -1.12 0.00 | 35.90 -1.03 0.00 | 34.32 -1.03 0.00 | 34.06 -0.98 0.00 | 35.94 -1.04 0.00 | 39.18 -1.09 0.00 | 54.49 -1.51 0.00 | 65.34 -1.74 0.00 | 54.54 -1.46 0.00 | 50.87 -1.36 0.00 | 50.24 -1.34 0.00 | 49.16 -1.26 0.00 | 48.86 -1.30 0.00 | 49.66 -1.38 0.00 | 50.88 -1.36 0.00 | 54.18 -1.33 0.00 | 65.78 -1.48 0.00 | 85.43 -1.84 0.00 | 76.33 -1.64 0.00 | 65.24 -1.33 0.00 | 59.97 -1.16 0.00 | 54.94 -1.01 0.00 | 49.88 -0.91 0.00 | 47.10 -0.81 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 38.94 -1.12 0.00 | 35.90 -1.03 0.00 | 34.32 -1.03 0.00 | 34.06 -0.98 0.00 | 35.94 -1.04 0.00 | 39.18 -1.09 0.00 | 54.49 -1.51 0.00 | 65.34 -1.74 0.00 | 54.54 -1.46 0.00 | 50.87 -1.36 0.00 | 50.24 -1.34 0.00 | 49.16 -1.26 0.00 | 48.86 -1.30 0.00 | 49.66 -1.38 0.00 | 50.88 -1.36 0.00 | 54.18 -1.33 0.00 | 65.78 -1.48 0.00 | 85.43 -1.84 0.00 | 76.33 -1.64 0.00 | 65.24 -1.33 0.00 | 59.97 -1.16 0.00 | 54.94 -1.01 0.00 | 49.88 -0.91 0.00 | 47.10 -0.81 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 38.66 -1.40 0.00 | 35.61 -1.33 0.00 | 34.04 -1.31 0.00 | 33.81 -1.23 0.00 | 35.68 -1.30 0.00 | 38.90 -1.37 0.00 | 54.26 -1.74 0.00 | 64.94 -2.15 0.00 | 54.32 -1.68 0.00 | 50.61 -1.62 0.00 | 50.04 -1.55 0.00 | 48.96 -1.46 0.00 | 48.66 -1.50 0.00 | 49.30 -1.74 0.00 | 50.56 -1.67 0.00 | 53.74 -1.78 0.00 | 65.31 -1.95 0.00 | 84.56 -2.71 0.00 | 75.64 -2.34 0.00 | 64.71 -1.86 0.00 | 59.54 -1.59 0.00 | 54.60 -1.34 0.00 | 49.52 -1.27 0.00 | 46.63 -1.29 0.00 |
| MARSHVLE_115KV_TB1 80742 | 41.23 1.16 0.00 | 37.93 1.00 0.00 | 36.30 0.95 0.00 | 35.95 0.91 0.00 | 38.01 1.04 0.00 | 41.68 1.41 0.00 | 58.74 2.74 0.00 | 70.44 3.35 0.00 | 57.85 1.85 0.00 | 53.27 1.04 0.00 | 52.36 0.77 0.00 | 51.28 0.86 0.00 | 51.02 0.85 0.00 | 52.05 1.02 0.00 | 53.70 1.46 0.00 | 57.73 2.22 0.00 | 70.69 3.43 0.00 | 92.33 5.06 0.00 | 81.17 3.20 0.00 | 69.24 2.66 0.00 | 63.70 2.57 0.00 | 58.24 2.29 0.00 | 52.52 1.73 0.00 | 49.40 1.49 0.00 |
| MARSH_HILL_WT_PWR 323713 | 36.02 -4.05 0.00 | 33.65 -3.29 0.00 | 32.34 -3.00 0.00 | 31.89 -3.15 0.00 | 33.54 -3.44 0.00 | 36.40 -3.87 0.00 | 51.47 -4.53 0.00 | 60.48 -6.57 0.03 | 50.57 -5.43 0.00 | 47.11 -5.12 0.00 | 46.53 -5.05 0.00 | 45.13 -5.29 0.00 | 44.90 -5.27 0.00 | 46.03 -5.00 0.00 | 47.27 -4.96 0.00 | 50.04 -5.44 0.03 | 60.90 -6.33 0.03 | 79.81 -7.42 0.03 | 72.36 -5.61 0.00 | 61.45 -5.12 0.00 | 56.43 -4.71 0.00 | 51.86 -4.08 0.00 | 48.25 -2.54 0.00 | 46.34 -1.58 0.00 |
| MCINTYRE_115KV_TB2 80467 | 40.59 0.52 0.00 | 37.38 0.44 0.00 | 35.70 0.35 0.00 | 35.46 0.42 0.00 | 37.49 0.52 0.00 | 40.91 0.64 0.00 | 57.18 1.18 0.00 | 68.43 1.34 0.00 | 57.01 1.01 0.00 | 52.75 0.52 0.00 | 52.10 0.52 0.00 | 51.02 0.61 0.00 | 50.72 0.55 0.00 | 51.34 0.31 0.00 | 52.55 0.31 0.00 | 55.68 0.17 0.00 | 67.87 0.61 0.00 | 88.23 0.96 0.00 | 79.30 1.33 0.00 | 67.97 1.40 0.00 | 62.66 1.53 0.00 | 57.57 1.62 0.00 | 52.26 1.47 0.00 | 49.17 1.25 0.00 |
| MECO_____69_KV_BK1 80468 | 42.19 2.12 0.00 | 38.82 1.88 0.00 | 37.11 1.77 0.00 | 36.79 1.75 0.00 | 38.90 1.92 0.00 | 42.64 2.38 0.00 | 59.92 3.92 0.00 | 71.78 4.70 0.00 | 58.86 2.86 0.00 | 54.11 1.88 0.00 | 53.13 1.55 0.00 | 51.88 1.46 0.00 | 51.62 1.45 0.00 | 52.72 1.68 0.00 | 54.43 2.19 0.00 | 58.57 3.05 0.00 | 71.83 4.57 0.00 | 93.81 6.54 0.00 | 83.04 5.07 0.00 | 70.77 4.19 0.00 | 65.23 4.10 0.00 | 59.52 3.58 0.00 | 53.64 2.84 0.00 | 50.51 2.59 0.00 |
| MENANDS___115KV_TB5 355628 | 41.27 1.20 0.00 | 38.01 1.07 0.00 | 36.34 0.99 0.00 | 35.92 0.88 0.00 | 37.90 0.92 0.00 | 41.23 0.97 0.00 | 56.95 0.95 0.00 | 68.23 1.14 0.00 | 56.78 0.78 0.00 | 52.85 0.63 0.00 | 52.20 0.62 0.00 | 51.13 0.71 0.00 | 50.92 0.75 0.00 | 51.85 0.82 0.00 | 53.07 0.84 0.00 | 56.51 1.00 0.00 | 68.47 1.21 0.00 | 89.01 1.75 0.00 | 79.30 1.33 0.00 | 67.70 1.13 0.00 | 62.23 1.10 0.00 | 56.89 0.95 0.00 | 51.45 0.66 0.00 | 48.73 0.81 0.00 |
| MG INDUSTRY___DRP 24185 | 41.35 1.28 0.00 | 38.08 1.15 0.00 | 36.41 1.06 0.00 | 36.09 1.05 0.00 | 38.08 1.11 0.00 | 41.48 1.21 0.00 | 57.46 1.46 0.00 | 68.77 1.68 0.00 | 57.29 1.29 0.00 | 53.27 1.04 0.00 | 52.46 0.88 0.00 | 51.28 0.86 0.00 | 51.07 0.90 0.00 | 52.00 0.97 0.00 | 53.33 1.10 0.00 | 56.85 1.33 0.00 | 68.94 1.68 0.00 | 89.71 2.44 0.00 | 80.00 2.03 0.00 | 68.30 1.73 0.00 | 62.78 1.65 0.00 | 57.45 1.51 0.00 | 52.01 1.22 0.00 | 49.17 1.25 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MID___OSWEGATCHIE_HYD 23849 | 39.79 -0.28 0.00 | 36.68 -0.26 0.00 | 35.03 -0.32 0.00 | 34.76 -0.28 0.00 | 36.75 -0.22 0.00 | 40.07 -0.20 0.00 | 55.72 -0.28 0.00 | 67.02 -0.07 0.00 | 56.00 0.00 0.00 | 52.12 -0.10 0.00 | 51.69 0.10 0.00 | 50.52 0.10 0.00 | 50.21 0.05 0.00 | 50.93 -0.10 0.00 | 52.08 -0.16 0.00 | 55.07 -0.44 0.00 | 66.59 -0.67 0.00 | 86.31 -0.96 0.00 | 77.51 -0.47 0.00 | 66.37 -0.20 0.00 | 61.19 0.06 0.00 | 56.33 0.39 0.00 | 51.20 0.41 0.00 | 48.11 0.19 0.00 |
| MID___RAQUETTE_HYD 23851 | 39.83 -0.24 0.00 | 36.68 -0.26 0.00 | 35.03 -0.32 0.00 | 34.83 -0.21 0.00 | 36.79 -0.18 0.00 | 40.11 -0.16 0.00 | 55.89 -0.11 0.00 | 66.89 -0.20 0.00 | 56.06 0.06 0.00 | 52.12 -0.10 0.00 | 51.58 0.00 0.00 | 50.47 0.05 0.00 | 50.11 -0.05 0.00 | 50.78 -0.26 0.00 | 51.87 -0.37 0.00 | 54.74 -0.78 0.00 | 66.39 -0.87 0.00 | 85.78 -1.48 0.00 | 76.88 -1.09 0.00 | 66.04 -0.53 0.00 | 61.01 -0.12 0.00 | 56.28 0.34 0.00 | 51.20 0.41 0.00 | 48.16 0.24 0.00 |
| MILLIKEN___1 23584 | 40.55 0.48 0.00 | 37.49 0.55 0.00 | 35.95 0.60 0.00 | 35.53 0.49 0.00 | 37.49 0.52 0.00 | 40.87 0.60 0.00 | 57.12 1.12 0.00 | 68.66 1.54 -0.03 | 57.29 1.29 0.00 | 53.43 1.20 0.00 | 52.72 1.13 0.00 | 51.38 0.96 0.00 | 51.12 0.95 0.00 | 52.00 0.97 0.00 | 53.28 1.04 0.00 | 56.71 1.17 -0.03 | 68.77 1.48 -0.03 | 89.39 2.09 -0.03 | 79.92 1.95 0.00 | 68.24 1.66 0.00 | 62.54 1.41 0.00 | 57.06 1.12 0.00 | 51.96 1.17 0.00 | 49.02 1.10 0.00 |
| MILLIKEN___2 23585 | 40.55 0.48 0.00 | 37.49 0.55 0.00 | 35.95 0.60 0.00 | 35.53 0.49 0.00 | 37.49 0.52 0.00 | 40.87 0.60 0.00 | 57.12 1.12 0.00 | 68.66 1.54 -0.03 | 57.29 1.29 0.00 | 53.43 1.20 0.00 | 52.72 1.13 0.00 | 51.38 0.96 0.00 | 51.12 0.95 0.00 | 52.00 0.97 0.00 | 53.28 1.04 0.00 | 56.71 1.17 -0.03 | 68.77 1.48 -0.03 | 89.39 2.09 -0.03 | 79.92 1.95 0.00 | 68.24 1.66 0.00 | 62.54 1.41 0.00 | 57.06 1.12 0.00 | 51.96 1.17 0.00 | 49.02 1.10 0.00 |
| MILLIKEN___DIESEL 23629 | 40.55 0.48 0.00 | 37.49 0.55 0.00 | 35.95 0.60 0.00 | 35.53 0.49 0.00 | 37.49 0.52 0.00 | 40.87 0.60 0.00 | 57.12 1.12 0.00 | 68.66 1.54 -0.03 | 57.29 1.29 0.00 | 53.43 1.20 0.00 | 52.72 1.13 0.00 | 51.38 0.96 0.00 | 51.12 0.95 0.00 | 52.00 0.97 0.00 | 53.28 1.04 0.00 | 56.71 1.17 -0.03 | 68.77 1.48 -0.03 | 89.39 2.09 -0.03 | 79.92 1.95 0.00 | 68.24 1.66 0.00 | 62.54 1.41 0.00 | 57.06 1.12 0.00 | 51.96 1.17 0.00 | 49.02 1.10 0.00 |
| MILLSEAT___LFGE 323607 | 37.58 -2.48 0.00 | 35.24 -1.70 0.00 | 33.76 -1.59 0.00 | 33.36 -1.68 0.00 | 34.91 -2.07 0.00 | 37.65 -2.62 0.00 | 53.09 -2.91 0.00 | 62.18 -4.89 0.01 | 52.53 -3.47 0.00 | 49.30 -2.92 0.00 | 48.95 -2.63 0.00 | 47.34 -3.08 0.00 | 47.05 -3.11 0.00 | 47.97 -3.06 0.00 | 49.20 -3.03 0.00 | 51.67 -3.83 0.01 | 62.54 -4.71 0.01 | 80.80 -6.46 0.01 | 74.08 -3.90 0.00 | 62.25 -4.33 0.00 | 57.40 -3.73 0.00 | 52.70 -3.25 0.00 | 49.01 -1.78 0.00 | 46.96 -0.96 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 42.55 2.48 0.00 | 38.97 2.03 0.00 | 37.26 1.91 0.00 | 36.97 1.93 0.00 | 39.08 2.11 0.00 | 42.64 2.38 0.00 | 59.42 3.42 0.00 | 70.98 3.89 0.00 | 59.02 3.02 0.00 | 55.15 2.92 0.00 | 54.52 2.94 0.00 | 53.44 3.03 0.00 | 53.22 3.06 0.00 | 54.25 3.22 0.00 | 55.21 2.98 0.00 | 58.73 3.22 0.00 | 71.09 3.83 0.00 | 92.68 5.41 0.00 | 82.18 4.21 0.00 | 70.17 3.59 0.00 | 64.43 3.30 0.00 | 58.96 3.02 0.00 | 53.38 2.59 0.00 | 50.27 2.35 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 42.63 2.56 0.00 | 39.08 2.14 0.00 | 37.33 1.98 0.00 | 37.07 2.03 0.00 | 39.16 2.18 0.00 | 42.72 2.46 0.00 | 59.53 3.53 0.00 | 71.18 4.09 0.00 | 59.19 3.19 0.00 | 55.26 3.03 0.00 | 54.63 3.04 0.00 | 53.55 3.13 0.00 | 53.32 3.16 0.00 | 54.35 3.32 0.00 | 55.32 3.08 0.00 | 58.84 3.33 0.00 | 71.30 4.04 0.00 | 92.94 5.67 0.00 | 82.42 4.44 0.00 | 70.37 3.79 0.00 | 64.56 3.42 0.00 | 59.08 3.13 0.00 | 53.48 2.69 0.00 | 50.36 2.44 0.00 |
| MODEL_CITY_ENERGY 24167 | 36.70 -3.37 0.00 | 34.42 -2.51 0.00 | 33.01 -2.33 0.00 | 32.59 -2.45 0.00 | 34.13 -2.85 0.00 | 36.44 -3.83 0.00 | 51.13 -4.87 0.00 | 59.56 -7.51 0.01 | 50.40 -5.60 0.00 | 47.53 -4.70 0.00 | 47.04 -4.54 0.00 | 45.58 -4.84 0.00 | 45.35 -4.82 0.00 | 46.23 -4.80 0.00 | 47.43 -4.80 0.00 | 49.73 -5.77 0.01 | 59.98 -7.27 0.01 | 77.30 -9.95 0.01 | 71.03 -6.94 0.00 | 59.72 -6.86 0.00 | 55.08 -6.05 0.00 | 50.68 -5.26 0.00 | 47.29 -3.50 0.00 | 45.52 -2.39 0.00 |
| MODERN_LFGE___ 323580 | 36.70 -3.37 0.00 | 34.42 -2.51 0.00 | 33.01 -2.33 0.00 | 32.59 -2.45 0.00 | 34.13 -2.85 0.00 | 36.44 -3.83 0.00 | 51.13 -4.87 0.00 | 59.56 -7.51 0.01 | 50.40 -5.60 0.00 | 47.53 -4.70 0.00 | 47.04 -4.54 0.00 | 45.58 -4.84 0.00 | 45.35 -4.82 0.00 | 46.23 -4.80 0.00 | 47.43 -4.80 0.00 | 49.73 -5.77 0.01 | 59.98 -7.27 0.01 | 77.30 -9.95 0.01 | 71.03 -6.94 0.00 | 59.72 -6.86 0.00 | 55.08 -6.05 0.00 | 50.68 -5.26 0.00 | 47.29 -3.50 0.00 | 45.52 -2.39 0.00 |
| MOHAWK_PAPER___DRP 24187 | 41.47 1.40 0.00 | 38.15 1.22 0.00 | 36.51 1.17 0.00 | 36.37 1.33 0.00 | 38.42 1.44 0.00 | 41.88 1.61 0.00 | 58.07 2.07 0.00 | 69.64 2.55 0.00 | 57.90 1.90 0.00 | 53.85 1.62 0.00 | 53.03 1.44 0.00 | 51.88 1.46 0.00 | 51.62 1.45 0.00 | 52.62 1.58 0.00 | 53.90 1.67 0.00 | 57.46 1.94 0.00 | 69.68 2.42 0.00 | 90.58 3.32 0.00 | 80.78 2.81 0.00 | 68.90 2.33 0.00 | 63.39 2.26 0.00 | 57.90 1.96 0.00 | 52.37 1.57 0.00 | 49.55 1.63 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 42.83 2.76 0.00 | 39.41 2.47 0.00 | 37.72 2.37 0.00 | 37.35 2.31 0.00 | 39.42 2.44 0.00 | 43.13 2.86 0.00 | 60.14 4.14 0.00 | 72.19 5.10 0.00 | 59.86 3.86 0.00 | 55.57 3.34 0.00 | 54.68 3.09 0.00 | 53.34 2.92 0.00 | 53.02 2.86 0.00 | 53.89 2.86 0.00 | 55.37 3.13 0.00 | 59.07 3.55 0.00 | 71.83 4.57 0.00 | 93.55 6.28 0.00 | 83.43 5.46 0.00 | 71.10 4.53 0.00 | 65.72 4.58 0.00 | 59.91 3.97 0.00 | 54.14 3.35 0.00 | 51.08 3.16 0.00 |
| MONGAUP___HYD 23641 | 42.31 2.24 0.00 | 38.85 1.92 0.00 | 37.15 1.80 0.00 | 36.83 1.79 0.00 | 38.93 1.96 0.00 | 42.52 2.25 0.00 | 59.19 3.19 0.00 | 70.91 3.82 0.00 | 58.85 2.85 0.00 | 54.68 2.46 0.00 | 53.85 2.27 0.00 | 52.69 2.27 0.00 | 52.52 2.36 0.00 | 53.53 2.50 0.00 | 54.64 2.40 0.00 | 58.23 2.72 0.00 | 70.82 3.56 0.00 | 92.50 5.24 0.00 | 82.42 4.44 0.00 | 70.30 3.73 0.00 | 64.37 3.24 0.00 | 59.02 3.07 0.00 | 53.38 2.59 0.00 | 50.27 2.35 0.00 |
| MONTAUK___DIESEL 23721 | 43.87 3.81 0.00 | 39.63 2.70 0.00 | 37.72 2.37 0.00 | 37.53 2.49 0.00 | 39.93 2.96 0.00 | 43.69 3.42 0.00 | 59.30 3.30 0.00 | 69.57 2.48 0.00 | 59.08 3.08 0.00 | 55.62 3.39 0.00 | 56.34 4.75 -0.01 | 54.40 3.98 0.00 | 54.79 4.62 -0.01 | 55.80 4.75 -0.02 | 59.50 4.81 -2.46 | 60.97 5.44 -0.02 | 73.99 6.73 0.00 | 96.44 9.16 -0.01 | 85.54 7.56 -0.01 | 72.97 6.39 -0.01 | 66.83 5.69 -0.01 | 61.03 5.03 -0.06 | 57.76 4.11 -2.86 | 52.20 4.26 -0.02 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 35.42 -4.65 0.00 | 33.24 -3.69 0.00 | 32.13 -3.22 0.00 | 31.64 -3.40 0.00 | 33.13 -3.85 0.00 | 36.04 -4.23 0.00 | 50.18 -5.82 0.00 | 59.69 -7.38 0.02 | 50.29 -5.71 0.00 | 46.95 -5.27 0.00 | 46.42 -5.16 0.00 | 44.87 -5.55 0.00 | 44.70 -5.47 0.00 | 45.62 -5.41 0.00 | 46.80 -5.43 0.00 | 49.33 -6.16 0.02 | 61.53 -5.72 0.02 | 80.27 -6.98 0.02 | 72.13 -5.85 0.00 | 60.05 -6.52 0.00 | 55.02 -6.11 0.00 | 51.19 -4.76 0.00 | 48.05 -2.74 0.00 | 46.39 -1.53 0.00 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MORRIS_RIDGE___SOLAR 323848 | 36.54 -3.53 0.00 | 34.16 -2.77 0.00 | 32.80 -2.55 0.00 | 32.38 -2.66 0.00 | 33.98 -2.99 0.00 | 36.84 -3.42 0.00 | 51.91 -4.09 0.00 | 60.83 -6.24 0.02 | 51.02 -4.98 0.00 | 47.58 -4.65 0.00 | 47.04 -4.54 0.00 | 45.63 -4.79 0.00 | 45.45 -4.72 0.00 | 46.54 -4.49 0.00 | 47.74 -4.49 0.00 | 50.44 -5.05 0.02 | 61.25 -5.99 0.02 | 79.91 -7.33 0.02 | 72.51 -5.46 0.00 | 61.38 -5.19 0.00 | 56.43 -4.71 0.00 | 51.91 -4.03 0.00 | 48.30 -2.49 0.00 | 46.43 -1.49 0.00 |
| MORTIMER_115KV_TB3 55949 | 38.38 -1.68 0.00 | 35.75 -1.18 0.00 | 34.32 -1.03 0.00 | 33.89 -1.16 0.00 | 35.53 -1.44 0.00 | 38.70 -1.57 0.00 | 53.70 -2.30 0.00 | 64.20 -2.88 0.01 | 54.04 -1.96 0.00 | 50.77 -1.46 0.00 | 50.40 -1.19 0.00 | 48.91 -1.51 0.00 | 48.56 -1.61 0.00 | 49.50 -1.53 0.00 | 50.77 -1.46 0.00 | 53.45 -2.05 0.01 | 64.50 -2.76 0.01 | 83.24 -4.01 0.01 | 75.24 -2.73 0.00 | 64.11 -2.46 0.00 | 58.75 -2.38 0.00 | 53.87 -2.07 0.00 | 49.67 -1.12 0.00 | 47.34 -0.58 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 42.83 2.76 0.00 | 39.23 2.29 0.00 | 37.43 2.09 0.00 | 37.14 2.10 0.00 | 39.30 2.33 0.00 | 42.84 2.58 0.00 | 59.75 3.75 0.00 | 71.38 4.29 0.00 | 59.42 3.42 0.00 | 55.52 3.29 0.00 | 54.93 3.35 0.00 | 53.85 3.43 0.00 | 53.68 3.51 0.00 | 54.66 3.62 0.00 | 55.58 3.34 0.00 | 59.12 3.61 0.00 | 71.50 4.24 0.00 | 93.20 5.93 0.00 | 82.50 4.52 0.00 | 70.50 3.93 0.00 | 64.74 3.61 0.00 | 59.24 3.30 0.00 | 53.74 2.95 0.00 | 50.51 2.59 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 41.75 1.68 0.00 | 38.64 1.70 0.00 | 36.90 1.55 0.00 | 36.48 1.44 0.00 | 38.60 1.63 0.00 | 42.16 1.89 0.00 | 60.03 4.03 0.00 | 72.47 5.37 -0.02 | 60.25 4.25 0.00 | 56.09 3.86 0.00 | 55.19 3.61 0.00 | 53.95 3.53 0.00 | 53.78 3.61 0.00 | 54.66 3.62 0.00 | 56.15 3.92 0.00 | 59.91 4.38 -0.02 | 73.12 5.85 -0.02 | 95.40 8.12 -0.02 | 84.99 7.02 0.00 | 72.36 5.79 0.00 | 66.20 5.07 0.00 | 59.97 4.03 0.00 | 54.55 3.76 0.00 | 51.27 3.35 0.00 |
| N SALMON___HYD 24042 | 39.18 -0.88 0.00 | 36.09 -0.85 0.00 | 34.47 -0.88 0.00 | 34.27 -0.77 0.00 | 36.20 -0.78 0.00 | 39.50 -0.77 0.00 | 55.33 -0.67 0.00 | 66.15 -0.94 0.00 | 55.38 -0.61 0.00 | 51.55 -0.68 0.00 | 50.97 -0.62 0.00 | 49.92 -0.50 0.00 | 49.51 -0.65 0.00 | 50.06 -0.97 0.00 | 51.35 -0.89 0.00 | 54.52 -1.00 0.00 | 66.38 -0.88 0.00 | 85.87 -1.40 0.00 | 76.88 -1.09 0.00 | 65.84 -0.73 0.00 | 60.77 -0.36 0.00 | 55.72 -0.22 0.00 | 50.54 -0.25 0.00 | 47.53 -0.39 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 37.50 -2.56 0.00 | 35.16 -1.77 0.00 | 33.86 -1.48 0.00 | 33.33 -1.72 0.00 | 34.87 -2.11 0.00 | 37.57 -2.70 0.00 | 51.91 -4.09 0.00 | 61.91 -5.17 0.01 | 52.30 -3.70 0.00 | 49.20 -3.03 0.00 | 48.80 -2.79 0.00 | 47.24 -3.18 0.00 | 46.90 -3.26 0.00 | 47.82 -3.22 0.00 | 49.05 -3.19 0.00 | 51.50 -4.00 0.01 | 62.20 -5.04 0.01 | 80.36 -6.89 0.01 | 72.90 -5.07 0.00 | 62.05 -4.53 0.00 | 56.85 -4.28 0.00 | 52.36 -3.58 0.00 | 48.76 -2.03 0.00 | 46.86 -1.05 0.00 |
| N.E_GEN_SANDY PD 24062 | 55.18 1.72 -13.39 | 53.00 1.51 -14.55 | 49.80 1.45 -13.00 | 49.76 1.44 -13.28 | 48.13 1.52 -9.64 | 51.00 1.69 -9.04 | 70.22 2.07 -12.15 | 75.41 2.55 -5.77 | 66.47 1.96 -8.51 | 53.95 1.72 0.00 | 53.08 1.50 0.00 | 51.93 1.51 0.00 | 51.72 1.56 0.00 | 52.67 1.63 0.00 | 57.20 1.83 -3.14 | 60.48 2.00 -2.97 | 83.64 2.42 -13.96 | 115.94 3.40 -25.27 | 90.96 2.80 -10.18 | 78.20 2.39 -9.23 | 64.71 2.20 -1.38 | 57.90 1.96 0.00 | 52.47 1.67 0.00 | 49.50 1.58 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 42.55 2.48 0.00 | 38.97 2.03 0.00 | 37.22 1.87 0.00 | 36.97 1.93 0.00 | 39.05 2.07 0.00 | 42.60 2.34 0.00 | 59.42 3.42 0.00 | 70.98 3.89 0.00 | 58.91 2.91 0.00 | 55.00 2.77 0.00 | 54.37 2.79 0.00 | 53.29 2.87 0.00 | 53.12 2.96 0.00 | 54.10 3.06 0.00 | 55.05 2.82 0.00 | 58.57 3.05 0.00 | 70.96 3.70 0.00 | 92.50 5.24 0.00 | 82.03 4.05 0.00 | 70.03 3.46 0.00 | 64.25 3.12 0.00 | 58.85 2.91 0.00 | 53.28 2.49 0.00 | 50.17 2.25 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 43.07 3.00 0.00 | 39.41 2.47 0.00 | 37.54 2.19 0.00 | 37.25 2.21 0.00 | 39.86 2.88 0.00 | 43.34 3.06 -0.01 | 60.15 4.14 -0.01 | 71.59 4.49 -0.01 | 59.65 3.64 -0.01 | 55.89 3.66 -0.01 | 55.25 3.66 -0.01 | 53.96 3.53 -0.01 | 53.83 3.66 -0.01 | 54.97 3.93 -0.01 | 55.58 3.34 0.00 | 58.79 3.28 0.00 | 70.95 3.70 0.01 | 92.67 5.41 0.01 | 82.10 4.13 0.01 | 70.03 3.46 0.01 | 64.24 3.12 0.01 | 59.08 3.13 0.00 | 53.99 3.20 0.00 | 50.41 2.49 0.00 |
| N.TROY___115KV_TB1 355778 | 41.71 1.64 0.00 | 38.38 1.44 0.00 | 36.73 1.38 0.00 | 36.41 1.37 0.00 | 38.42 1.44 0.00 | 41.92 1.65 0.00 | 58.18 2.18 0.00 | 69.70 2.62 0.00 | 58.02 2.02 0.00 | 53.95 1.72 0.00 | 53.13 1.55 0.00 | 51.93 1.51 0.00 | 51.72 1.56 0.00 | 52.67 1.63 0.00 | 54.01 1.78 0.00 | 57.51 2.00 0.00 | 69.75 2.49 0.00 | 90.76 3.49 0.00 | 80.94 2.96 0.00 | 69.04 2.46 0.00 | 63.46 2.32 0.00 | 58.01 2.07 0.00 | 52.52 1.73 0.00 | 49.55 1.63 0.00 |
| NARROWS_GT1_1 24228 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT1_2 24229 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT1_3 24230 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT1_4 24231 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT1_5 24232 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_6 24233 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT1_7 24234 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT1_8 24235 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT2_1 24236 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT2_2 24237 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT2_3 24238 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT2_4 24239 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT2_5 24240 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT2_6 24241 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT2_7 24242 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NARROWS_GT2_8 24243 | 43.24 3.16 -0.01 | 39.60 2.66 -0.01 | 37.79 2.44 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.06 3.63 -0.01 | 53.88 3.71 -0.01 | 54.86 3.83 0.00 | 55.63 3.39 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.85 5.59 0.01 | 82.25 4.29 0.01 | 70.22 3.66 0.01 | 64.36 3.24 0.01 | 59.19 3.24 0.00 | 53.99 3.20 0.00 | 50.79 2.87 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 41.67 1.60 0.00 | 38.38 1.44 0.00 | 36.69 1.34 0.00 | 36.37 1.33 0.00 | 38.42 1.44 0.00 | 41.84 1.57 0.00 | 58.02 2.02 0.00 | 69.50 2.42 0.00 | 58.35 2.35 0.00 | 53.90 1.67 0.00 | 52.82 1.24 0.00 | 51.63 1.21 0.00 | 51.37 1.20 0.00 | 52.31 1.28 0.00 | 53.75 1.51 0.00 | 57.46 1.94 0.00 | 70.29 3.03 0.00 | 91.80 4.54 0.00 | 81.95 3.98 0.00 | 69.84 3.26 0.00 | 64.07 2.93 0.00 | 58.68 2.74 0.00 | 52.98 2.18 0.00 | 50.03 2.11 0.00 |
| NCHELSEA_115KV_TR2 355582 | 42.59 2.52 0.00 | 39.04 2.11 0.00 | 37.33 1.98 0.00 | 37.04 2.00 0.00 | 39.16 2.18 0.00 | 42.72 2.46 0.00 | 59.58 3.58 0.00 | 71.25 4.16 0.00 | 59.25 3.25 0.00 | 55.26 3.03 0.00 | 54.52 2.94 0.00 | 53.39 2.97 0.00 | 53.17 3.01 0.00 | 54.20 3.16 0.00 | 55.21 2.98 0.00 | 58.79 3.28 0.00 | 71.36 4.10 0.00 | 93.02 5.76 0.00 | 82.57 4.60 0.00 | 70.50 3.93 0.00 | 64.62 3.48 0.00 | 59.19 3.24 0.00 | 53.58 2.79 0.00 | 50.41 2.49 0.00 |
| NEG CAPITAL____MECHNVIL 23645 | 42.31 2.24 0.00 | 38.93 1.99 0.00 | 37.26 1.91 0.00 | 36.93 1.89 0.00 | 38.97 2.00 0.00 | 42.56 2.29 0.00 | 59.19 3.19 0.00 | 70.98 3.89 0.00 | 58.97 2.97 0.00 | 54.84 2.61 0.00 | 54.01 2.42 0.00 | 52.74 2.32 0.00 | 52.42 2.26 0.00 | 53.38 2.35 0.00 | 54.84 2.61 0.00 | 58.45 2.94 0.00 | 70.96 3.70 0.00 | 92.32 5.06 0.00 | 82.34 4.36 0.00 | 70.23 3.66 0.00 | 64.68 3.54 0.00 | 59.02 3.07 0.00 | 53.38 2.59 0.00 | 50.36 2.44 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 37.94 -2.12 0.00 | 35.27 -1.66 0.00 | 33.79 -1.55 0.00 | 33.43 -1.61 0.00 | 35.16 -1.81 0.00 | 38.30 -1.97 0.00 | 53.76 -2.24 0.00 | 63.80 -3.29 0.00 | 53.70 -2.30 0.00 | 50.35 -1.88 0.00 | 49.93 -1.65 0.00 | 48.56 -1.86 0.00 | 48.21 -1.96 0.00 | 49.04 -1.99 0.00 | 50.36 -1.88 0.00 | 53.12 -2.39 0.00 | 64.37 -2.89 0.00 | 82.90 -4.36 0.00 | 75.09 -2.88 0.00 | 63.58 -2.99 0.00 | 58.51 -2.63 0.00 | 53.48 -2.46 0.00 | 49.06 -1.73 0.00 | 46.53 -1.39 0.00 |

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| NEG CENTRAL___DRP 24199 | 39.46 -0.60 0.00 | 36.57 -0.37 0.00 | 35.10 -0.25 0.00 | 34.69 -0.35 0.00 | 36.57 -0.41 0.00 | 39.82 -0.44 0.00 | 55.55 -0.45 0.00 | 66.69 -0.40 0.00 | 55.83 -0.17 0.00 | 52.23 0.00 0.00 | 51.69 0.10 0.00 | 50.32 -0.10 0.00 | 49.96 -0.20 0.00 | 50.88 -0.15 0.00 | 52.13 -0.10 0.00 | 55.29 -0.22 0.00 | 66.92 -0.34 0.00 | 86.65 -0.61 0.00 | 77.66 -0.31 0.00 | 66.31 -0.27 0.00 | 60.70 -0.43 0.00 | 55.44 -0.50 0.00 | 50.64 -0.15 0.00 | 47.87 -0.05 0.00 |
| NEG CENTRAL___INDECK 23768 | 38.66 -1.40 0.00 | 36.09 -0.85 0.00 | 34.57 -0.78 0.00 | 34.17 -0.87 0.00 | 35.87 -1.11 0.00 | 39.14 -1.13 0.00 | 55.44 -0.56 0.00 | 65.53 -1.54 0.02 | 54.93 -1.07 0.00 | 51.13 -1.10 0.00 | 50.45 -1.14 0.00 | 48.76 -1.66 0.00 | 48.31 -1.86 0.00 | 49.40 -1.64 0.00 | 50.77 -1.46 0.00 | 53.72 -1.78 0.02 | 65.49 -1.75 0.02 | 85.41 -1.84 0.02 | 77.90 -0.08 0.00 | 65.84 -0.73 0.00 | 60.58 -0.55 0.00 | 55.33 -0.61 0.00 | 51.15 0.36 0.00 | 48.68 0.76 0.00 |
| NEG CENTRAL___SENECA 23627 | 39.18 -0.88 0.00 | 36.38 -0.55 0.00 | 34.89 -0.46 0.00 | 34.48 -0.56 0.00 | 36.31 -0.67 0.00 | 39.58 -0.68 0.00 | 55.16 -0.84 0.00 | 66.21 -0.87 0.00 | 55.55 -0.45 0.00 | 52.02 -0.21 0.00 | 51.48 -0.10 0.00 | 50.12 -0.30 0.00 | 49.76 -0.40 0.00 | 50.68 -0.36 0.00 | 51.92 -0.31 0.00 | 54.96 -0.56 0.00 | 66.45 -0.81 0.00 | 86.04 -1.22 0.00 | 77.27 -0.70 0.00 | 65.84 -0.73 0.00 | 60.34 -0.79 0.00 | 55.16 -0.78 0.00 | 50.44 -0.36 0.00 | 47.78 -0.14 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 39.91 -0.16 0.00 | 36.90 -0.04 0.00 | 35.38 0.04 0.00 | 35.01 -0.04 0.00 | 36.90 -0.07 0.00 | 40.23 -0.04 0.00 | 56.17 0.17 0.00 | 67.43 0.34 -0.01 | 56.39 0.39 0.00 | 52.65 0.42 0.00 | 51.99 0.41 0.00 | 50.72 0.30 0.00 | 50.41 0.25 0.00 | 51.34 0.31 0.00 | 52.60 0.37 0.00 | 55.85 0.33 -0.01 | 67.67 0.40 -0.01 | 87.88 0.61 -0.01 | 78.60 0.62 0.00 | 67.11 0.53 0.00 | 61.44 0.31 0.00 | 56.11 0.17 0.00 | 51.05 0.25 0.00 | 48.21 0.29 0.00 |
| NEG MILLWOOD___DRP 24198 | 42.75 2.68 0.00 | 39.23 2.29 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.30 2.33 0.00 | 42.89 2.62 0.00 | 59.81 3.81 0.00 | 71.52 4.43 0.00 | 59.47 3.47 0.00 | 55.52 3.29 0.00 | 54.83 3.25 0.00 | 53.70 3.28 0.00 | 53.47 3.31 0.00 | 54.50 3.47 0.00 | 55.52 3.29 0.00 | 59.12 3.61 0.00 | 71.63 4.37 0.00 | 93.46 6.20 0.00 | 83.04 5.07 0.00 | 70.83 4.26 0.00 | 64.92 3.79 0.00 | 59.41 3.47 0.00 | 53.74 2.95 0.00 | 50.60 2.68 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 38.78 -1.28 0.00 | 35.72 -1.22 0.00 | 34.15 -1.20 0.00 | 33.92 -1.12 0.00 | 35.83 -1.15 0.00 | 39.06 -1.21 0.00 | 54.60 -1.40 0.00 | 65.28 -1.81 0.00 | 54.66 -1.34 0.00 | 50.87 -1.36 0.00 | 50.34 -1.24 0.00 | 49.26 -1.16 0.00 | 48.86 -1.30 0.00 | 49.50 -1.53 0.00 | 50.77 -1.46 0.00 | 54.02 -1.50 0.00 | 65.71 -1.55 0.00 | 85.08 -2.18 0.00 | 76.10 -1.87 0.00 | 65.04 -1.53 0.00 | 59.97 -1.16 0.00 | 54.94 -1.01 0.00 | 49.78 -1.02 0.00 | 46.91 -1.01 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 38.66 -1.40 0.00 | 35.61 -1.33 0.00 | 34.00 -1.34 0.00 | 33.82 -1.23 0.00 | 35.68 -1.29 0.00 | 38.94 -1.33 0.00 | 54.38 -1.62 0.00 | 65.01 -2.08 0.00 | 54.38 -1.62 0.00 | 50.61 -1.62 0.00 | 49.98 -1.60 0.00 | 48.91 -1.51 0.00 | 48.56 -1.61 0.00 | 49.20 -1.84 0.00 | 50.51 -1.72 0.00 | 53.68 -1.83 0.00 | 65.31 -1.95 0.00 | 84.65 -2.62 0.00 | 75.79 -2.18 0.00 | 64.78 -1.80 0.00 | 59.73 -1.41 0.00 | 54.71 -1.23 0.00 | 49.57 -1.22 0.00 | 46.72 -1.20 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 38.90 -1.16 0.00 | 35.79 -1.14 0.00 | 34.22 -1.13 0.00 | 34.03 -1.02 0.00 | 35.94 -1.04 0.00 | 39.18 -1.09 0.00 | 54.88 -1.12 0.00 | 65.55 -1.54 0.00 | 54.82 -1.18 0.00 | 51.03 -1.20 0.00 | 50.45 -1.13 0.00 | 49.36 -1.06 0.00 | 49.01 -1.15 0.00 | 49.60 -1.43 0.00 | 50.93 -1.31 0.00 | 54.18 -1.33 0.00 | 65.98 -1.28 0.00 | 85.52 -1.75 0.00 | 76.57 -1.40 0.00 | 65.51 -1.07 0.00 | 60.34 -0.79 0.00 | 55.27 -0.67 0.00 | 50.08 -0.71 0.00 | 47.10 -0.81 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 38.90 -1.16 0.00 | 35.79 -1.14 0.00 | 34.22 -1.13 0.00 | 34.03 -1.02 0.00 | 35.94 -1.04 0.00 | 39.18 -1.09 0.00 | 54.88 -1.12 0.00 | 65.55 -1.54 0.00 | 54.82 -1.18 0.00 | 51.03 -1.20 0.00 | 50.45 -1.13 0.00 | 49.36 -1.06 0.00 | 49.01 -1.15 0.00 | 49.60 -1.43 0.00 | 50.93 -1.31 0.00 | 54.18 -1.33 0.00 | 65.98 -1.28 0.00 | 85.52 -1.75 0.00 | 76.57 -1.40 0.00 | 65.51 -1.07 0.00 | 60.34 -0.79 0.00 | 55.27 -0.67 0.00 | 50.08 -0.71 0.00 | 47.10 -0.81 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 38.90 -1.16 0.00 | 35.79 -1.15 0.00 | 34.22 -1.13 0.00 | 34.02 -1.02 0.00 | 35.94 -1.04 0.00 | 39.18 -1.09 0.00 | 54.82 -1.18 0.00 | 65.55 -1.54 0.00 | 54.82 -1.18 0.00 | 51.03 -1.20 0.00 | 50.45 -1.14 0.00 | 49.36 -1.06 0.00 | 49.01 -1.15 0.00 | 49.60 -1.43 0.00 | 50.93 -1.30 0.00 | 54.18 -1.33 0.00 | 66.05 -1.21 0.00 | 85.52 -1.74 0.00 | 76.49 -1.48 0.00 | 65.51 -1.07 0.00 | 60.34 -0.80 0.00 | 55.27 -0.67 0.00 | 50.08 -0.71 0.00 | 47.10 -0.81 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 36.78 -3.29 0.00 | 34.53 -2.40 0.00 | 33.30 -2.05 0.00 | 32.73 -2.31 0.00 | 34.24 -2.74 0.00 | 36.76 -3.50 0.00 | 50.57 -5.43 0.00 | 60.17 -6.91 0.01 | 50.90 -5.10 0.00 | 48.00 -4.23 0.00 | 47.56 -4.02 0.00 | 46.03 -4.39 0.00 | 45.80 -4.36 0.00 | 46.70 -4.34 0.00 | 47.90 -4.34 0.00 | 50.28 -5.22 0.01 | 60.59 -6.66 0.01 | 78.09 -9.16 0.01 | 70.96 -7.02 0.00 | 60.45 -6.12 0.00 | 55.32 -5.81 0.00 | 51.13 -4.81 0.00 | 47.69 -3.10 0.00 | 45.95 -1.96 0.00 |
| NEG WEST___LANCASTR 23811 | 36.70 -3.37 0.00 | 34.39 -2.55 0.00 | 33.16 -2.19 0.00 | 32.62 -2.42 0.00 | 34.16 -2.81 0.00 | 37.01 -3.26 0.00 | 51.35 -4.65 0.00 | 61.17 -5.90 0.02 | 51.41 -4.59 0.00 | 48.21 -4.02 0.00 | 47.71 -3.87 0.00 | 46.18 -4.24 0.00 | 46.00 -4.16 0.00 | 47.00 -4.03 0.00 | 48.16 -4.07 0.00 | 51.17 -4.33 0.02 | 61.93 -5.31 0.02 | 81.58 -5.67 0.02 | 71.74 -6.24 0.00 | 61.05 -5.53 0.00 | 55.81 -5.32 0.00 | 51.69 -4.25 0.00 | 48.20 -2.59 0.00 | 46.34 -1.58 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 40.23 0.16 0.00 | 37.20 0.26 0.00 | 35.63 0.28 0.00 | 35.29 0.25 0.00 | 37.20 0.22 0.00 | 40.51 0.24 0.00 | 56.67 0.67 0.00 | 68.23 1.14 0.00 | 56.95 0.95 0.00 | 53.22 0.99 0.00 | 52.56 0.98 0.00 | 51.28 0.86 0.00 | 51.02 0.85 0.00 | 51.95 0.92 0.00 | 53.17 0.94 0.00 | 56.51 1.00 0.00 | 68.40 1.14 0.00 | 88.92 1.65 0.00 | 79.38 1.40 0.00 | 67.70 1.13 0.00 | 62.05 0.92 0.00 | 56.73 0.78 0.00 | 51.65 0.86 0.00 | 48.78 0.86 0.00 |
| NEG___GEN_MONROE 24207 | 38.38 -1.68 0.00 | 35.83 -1.11 0.00 | 34.39 -0.95 0.00 | 33.92 -1.12 0.00 | 35.61 -1.37 0.00 | 38.70 -1.57 0.00 | 53.59 -2.41 0.00 | 64.06 -3.02 0.01 | 53.93 -2.07 0.00 | 50.66 -1.57 0.00 | 50.29 -1.29 0.00 | 48.76 -1.66 0.00 | 48.41 -1.76 0.00 | 49.30 -1.74 0.00 | 50.56 -1.67 0.00 | 53.12 -2.39 0.01 | 64.02 -3.23 0.01 | 82.72 -4.54 0.01 | 74.85 -3.12 0.00 | 63.84 -2.73 0.00 | 58.56 -2.57 0.00 | 53.76 -2.18 0.00 | 49.62 -1.17 0.00 | 47.44 -0.48 0.00 |
| NEPA___ENERGY 23901 | 36.94 -3.13 0.00 | 34.65 -2.29 0.00 | 33.40 -1.94 0.00 | 32.83 -2.21 0.00 | 34.42 -2.55 0.00 | 37.33 -2.94 0.00 | 51.80 -4.20 0.00 | 61.37 -5.70 0.02 | 51.69 -4.31 0.00 | 48.42 -3.81 0.00 | 47.87 -3.71 0.00 | 46.39 -4.03 0.00 | 46.15 -4.01 0.00 | 47.16 -3.88 0.00 | 48.32 -3.92 0.00 | 50.94 -4.55 0.02 | 62.00 -5.25 0.02 | 80.70 -6.54 0.02 | 72.36 -5.61 0.00 | 61.51 -5.06 0.00 | 56.30 -4.83 0.00 | 51.97 -3.97 0.00 | 48.51 -2.29 0.00 | 46.72 -1.20 0.00 |

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| NEVERSINK___HYD 23608 | 42.59 2.53 0.00 | 39.08 2.14 0.00 | 37.36 2.01 0.00 | 37.04 2.00 0.00 | 39.16 2.18 0.00 | 42.77 2.50 0.00 | 59.70 3.70 0.00 | 71.58 4.50 0.00 | 59.53 3.53 0.00 | 55.41 3.19 0.00 | 54.62 3.04 0.00 | 53.44 3.02 0.00 | 53.28 3.11 0.00 | 54.25 3.22 0.00 | 55.31 3.08 0.00 | 58.90 3.39 0.00 | 71.63 4.37 0.00 | 93.46 6.20 0.00 | 82.97 4.99 0.00 | 70.77 4.20 0.00 | 64.80 3.67 0.00 | 59.41 3.47 0.00 | 53.79 3.00 0.00 | 50.60 2.68 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 41.11 1.04 0.00 | 37.86 0.92 0.00 | 36.23 0.88 0.00 | 35.85 0.81 0.00 | 37.86 0.89 0.00 | 41.15 0.89 0.00 | 56.78 0.78 0.00 | 68.09 1.01 0.00 | 56.62 0.62 0.00 | 52.70 0.47 0.00 | 51.99 0.41 0.00 | 50.92 0.50 0.00 | 50.72 0.55 0.00 | 51.65 0.61 0.00 | 52.86 0.63 0.00 | 56.29 0.78 0.00 | 68.20 0.94 0.00 | 88.66 1.40 0.00 | 78.99 1.01 0.00 | 67.37 0.80 0.00 | 61.99 0.86 0.00 | 56.67 0.73 0.00 | 51.25 0.46 0.00 | 48.54 0.62 0.00 |
| NEWTON___FALLS_HYD 23847 | 39.79 -0.28 0.00 | 36.68 -0.26 0.00 | 35.03 -0.32 0.00 | 34.76 -0.28 0.00 | 36.75 -0.22 0.00 | 40.07 -0.20 0.00 | 55.72 -0.28 0.00 | 67.02 -0.07 0.00 | 56.00 0.00 0.00 | 52.12 -0.10 0.00 | 51.69 0.10 0.00 | 50.52 0.10 0.00 | 50.21 0.05 0.00 | 50.93 -0.10 0.00 | 52.08 -0.16 0.00 | 55.07 -0.44 0.00 | 66.59 -0.67 0.00 | 86.31 -0.96 0.00 | 77.51 -0.47 0.00 | 66.37 -0.20 0.00 | 61.19 0.06 0.00 | 56.33 0.39 0.00 | 51.20 0.41 0.00 | 48.11 0.19 0.00 |
| NGRID_A1_DSASP 323792 | 36.02 -4.05 0.00 | 33.80 -3.14 0.00 | 32.56 -2.79 0.00 | 31.99 -3.05 0.00 | 33.46 -3.51 0.00 | 36.20 -4.07 0.00 | 49.62 -6.38 0.00 | 58.96 -8.12 0.01 | 49.90 -6.10 0.00 | 47.16 -5.07 0.00 | 46.73 -4.85 0.00 | 45.28 -5.14 0.00 | 45.00 -5.17 0.00 | 45.93 -5.10 0.00 | 47.06 -5.17 0.00 | 49.34 -6.16 0.01 | 59.31 -7.94 0.01 | 76.26 -11.00 0.01 | 69.40 -8.58 0.00 | 59.18 -7.39 0.00 | 54.22 -6.91 0.00 | 50.12 -5.82 0.00 | 46.83 -3.96 0.00 | 45.14 -2.78 0.00 |
| NGRID_A2_DSASP 323793 | 36.02 -4.05 0.00 | 33.80 -3.14 0.00 | 32.56 -2.79 0.00 | 31.99 -3.05 0.00 | 33.46 -3.51 0.00 | 36.20 -4.07 0.00 | 49.62 -6.38 0.00 | 58.96 -8.12 0.01 | 49.90 -6.10 0.00 | 47.16 -5.07 0.00 | 46.73 -4.85 0.00 | 45.28 -5.14 0.00 | 45.00 -5.17 0.00 | 45.93 -5.10 0.00 | 47.06 -5.17 0.00 | 49.34 -6.16 0.01 | 59.31 -7.94 0.01 | 76.26 -11.00 0.01 | 69.40 -8.58 0.00 | 59.18 -7.39 0.00 | 54.22 -6.91 0.00 | 50.12 -5.82 0.00 | 46.83 -3.96 0.00 | 45.14 -2.78 0.00 |
| NGRID_A4_DSASP 323807 | 36.02 -4.05 0.00 | 33.80 -3.14 0.00 | 32.56 -2.79 0.00 | 31.99 -3.05 0.00 | 33.46 -3.51 0.00 | 36.20 -4.07 0.00 | 49.62 -6.38 0.00 | 58.96 -8.12 0.01 | 49.90 -6.10 0.00 | 47.16 -5.07 0.00 | 46.73 -4.85 0.00 | 45.28 -5.14 0.00 | 45.00 -5.17 0.00 | 45.93 -5.10 0.00 | 47.06 -5.17 0.00 | 49.34 -6.16 0.01 | 59.31 -7.94 0.01 | 76.26 -11.00 0.01 | 69.40 -8.58 0.00 | 59.18 -7.39 0.00 | 54.22 -6.91 0.00 | 50.12 -5.82 0.00 | 46.83 -3.96 0.00 | 45.14 -2.78 0.00 |
| NIAGARA_115E_LBMP 323715 | 36.58 -3.49 0.00 | 34.35 -2.59 0.00 | 32.94 -2.40 0.00 | 32.52 -2.52 0.00 | 34.02 -2.96 0.00 | 36.28 -3.99 0.00 | 50.85 -5.15 0.00 | 59.16 -7.92 0.01 | 50.06 -5.94 0.00 | 47.21 -5.01 0.00 | 46.79 -4.80 0.00 | 45.28 -5.14 0.00 | 45.05 -5.12 0.00 | 45.98 -5.05 0.00 | 47.12 -5.12 0.00 | 49.39 -6.11 0.01 | 59.58 -7.67 0.01 | 76.69 -10.56 0.01 | 70.56 -7.41 0.00 | 59.32 -7.25 0.00 | 54.71 -6.42 0.00 | 50.40 -5.54 0.00 | 46.98 -3.81 0.00 | 45.24 -2.68 0.00 |
| NIAGARA_115W_LBMP 323714 | 35.98 -4.09 0.00 | 33.72 -3.21 0.00 | 32.34 -3.00 0.00 | 31.92 -3.12 0.00 | 33.39 -3.59 0.00 | 36.12 -4.15 0.00 | 50.62 -5.38 0.00 | 58.89 -8.19 0.01 | 49.84 -6.16 0.00 | 47.06 -5.17 0.00 | 46.63 -4.95 0.00 | 45.17 -5.24 0.00 | 44.90 -5.27 0.00 | 45.83 -5.21 0.00 | 46.96 -5.27 0.00 | 49.23 -6.27 0.01 | 59.38 -7.87 0.01 | 76.17 -11.08 0.01 | 70.18 -7.80 0.00 | 58.98 -7.59 0.00 | 54.41 -6.72 0.00 | 50.12 -5.82 0.00 | 46.78 -4.01 0.00 | 45.05 -2.87 0.00 |
| NIAGARA_230_LBMP 323716 | 36.62 -3.45 0.00 | 34.31 -2.62 0.00 | 32.91 -2.44 0.00 | 32.49 -2.56 0.00 | 34.02 -2.96 0.00 | 36.72 -3.54 0.00 | 51.47 -4.53 0.00 | 59.96 -7.11 0.01 | 50.73 -5.27 0.00 | 47.84 -4.39 0.00 | 47.41 -4.18 0.00 | 45.93 -4.49 0.00 | 45.65 -4.51 0.00 | 46.59 -4.44 0.00 | 47.74 -4.49 0.00 | 50.06 -5.44 0.01 | 60.39 -6.86 0.01 | 77.65 -9.60 0.01 | 71.35 -6.63 0.00 | 60.05 -6.52 0.00 | 55.38 -5.75 0.00 | 50.96 -4.98 0.00 | 47.54 -3.25 0.00 | 45.72 -2.20 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 35.94 -4.13 0.00 | 33.72 -3.21 0.00 | 32.48 -2.86 0.00 | 31.92 -3.12 0.00 | 33.39 -3.59 0.00 | 36.12 -4.15 0.00 | 49.50 -6.50 0.00 | 58.82 -8.25 0.01 | 49.78 -6.22 0.00 | 47.06 -5.17 0.00 | 46.63 -4.95 0.00 | 45.18 -5.24 0.00 | 44.90 -5.27 0.00 | 45.83 -5.21 0.00 | 46.96 -5.28 0.00 | 49.23 -6.27 0.01 | 59.18 -8.07 0.01 | 76.08 -11.17 0.01 | 69.24 -8.73 0.00 | 59.05 -7.52 0.00 | 54.10 -7.03 0.00 | 50.01 -5.93 0.00 | 46.68 -4.11 0.00 | 45.04 -2.88 0.00 |
| NIAGARA____ 23760 | 36.62 -3.45 0.00 | 34.31 -2.62 0.00 | 32.91 -2.44 0.00 | 32.49 -2.56 0.00 | 34.02 -2.96 0.00 | 36.72 -3.54 0.00 | 51.47 -4.53 0.00 | 59.96 -7.11 0.01 | 50.73 -5.27 0.00 | 47.84 -4.39 0.00 | 47.41 -4.18 0.00 | 45.93 -4.49 0.00 | 45.65 -4.51 0.00 | 46.59 -4.44 0.00 | 47.74 -4.49 0.00 | 50.06 -5.44 0.01 | 60.39 -6.86 0.01 | 77.65 -9.60 0.01 | 71.35 -6.63 0.00 | 60.05 -6.52 0.00 | 55.38 -5.75 0.00 | 50.96 -4.98 0.00 | 47.54 -3.25 0.00 | 45.72 -2.20 0.00 |
| NINE_MILE_1 23575 | 38.86 -1.20 0.00 | 35.97 -0.96 0.00 | 34.43 -0.92 0.00 | 34.13 -0.91 0.00 | 35.98 -1.00 0.00 | 39.10 -1.17 0.00 | 54.43 -1.57 0.00 | 65.21 -1.88 0.00 | 54.49 -1.51 0.00 | 50.87 -1.36 0.00 | 50.24 -1.34 0.00 | 49.06 -1.36 0.00 | 48.76 -1.40 0.00 | 49.66 -1.38 0.00 | 50.83 -1.41 0.00 | 54.02 -1.50 0.00 | 65.38 -1.88 0.00 | 84.73 -2.53 0.00 | 75.87 -2.10 0.00 | 64.71 -1.86 0.00 | 59.30 -1.83 0.00 | 54.27 -1.68 0.00 | 49.32 -1.47 0.00 | 46.58 -1.34 0.00 |
| NINE_MILE_2 23744 | 38.90 -1.16 0.00 | 35.97 -0.96 0.00 | 34.43 -0.92 0.00 | 34.13 -0.91 0.00 | 35.98 -1.00 0.00 | 39.10 -1.17 0.00 | 54.43 -1.57 0.00 | 65.21 -1.88 0.00 | 54.49 -1.51 0.00 | 50.87 -1.36 0.00 | 50.24 -1.34 0.00 | 49.06 -1.36 0.00 | 48.76 -1.40 0.00 | 49.66 -1.38 0.00 | 50.83 -1.41 0.00 | 54.02 -1.50 0.00 | 65.38 -1.88 0.00 | 84.73 -2.53 0.00 | 75.87 -2.10 0.00 | 64.71 -1.86 0.00 | 59.30 -1.83 0.00 | 54.27 -1.68 0.00 | 49.32 -1.47 0.00 | 46.58 -1.34 0.00 |
| NM_CAPITAL___DRP 24208 | 41.19 1.12 0.00 | 37.93 1.00 0.00 | 36.27 0.92 0.00 | 35.92 0.88 0.00 | 37.90 0.92 0.00 | 41.23 0.97 0.00 | 56.90 0.90 0.00 | 68.23 1.14 0.00 | 56.73 0.73 0.00 | 52.85 0.63 0.00 | 52.15 0.57 0.00 | 51.08 0.66 0.00 | 50.87 0.70 0.00 | 51.80 0.77 0.00 | 53.02 0.78 0.00 | 56.46 0.94 0.00 | 68.40 1.14 0.00 | 88.84 1.57 0.00 | 79.22 1.25 0.00 | 67.57 1.00 0.00 | 62.17 1.04 0.00 | 56.84 0.90 0.00 | 51.40 0.61 0.00 | 48.69 0.77 0.00 |
| NM_CENTRAL___DRP 24181 | 39.62 -0.44 0.00 | 36.64 -0.30 0.00 | 35.14 -0.21 0.00 | 34.76 -0.28 0.00 | 36.64 -0.33 0.00 | 39.91 -0.36 0.00 | 55.44 -0.56 0.00 | 66.62 -0.47 0.00 | 55.72 -0.28 0.00 | 52.07 -0.16 0.00 | 51.43 -0.15 0.00 | 50.17 -0.25 0.00 | 49.91 -0.25 0.00 | 50.83 -0.20 0.00 | 52.02 -0.21 0.00 | 55.29 -0.22 0.00 | 66.86 -0.40 0.00 | 86.65 -0.61 0.00 | 77.43 -0.55 0.00 | 66.11 -0.47 0.00 | 60.58 -0.55 0.00 | 55.38 -0.56 0.00 | 50.44 -0.36 0.00 | 47.58 -0.34 0.00 |

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| NM_FRONTIER___DRP 24179 | 35.94 -4.13 0.00 | 33.72 -3.21 0.00 | 32.48 -2.86 0.00 | 31.92 -3.12 0.00 | 33.39 -3.59 0.00 | 36.12 -4.15 0.00 | 49.50 -6.50 0.00 | 58.82 -8.25 0.01 | 49.78 -6.22 0.00 | 47.06 -5.17 0.00 | 46.63 -4.95 0.00 | 45.18 -5.24 0.00 | 44.90 -5.27 0.00 | 45.83 -5.21 0.00 | 46.96 -5.28 0.00 | 49.23 -6.27 0.01 | 59.18 -8.07 0.01 | 76.08 -11.17 0.01 | 69.24 -8.73 0.00 | 59.05 -7.52 0.00 | 54.10 -7.03 0.00 | 50.01 -5.93 0.00 | 46.68 -4.11 0.00 | 45.04 -2.88 0.00 |
| NM_ST_REGIS___HYD 24053 | 39.62 -0.44 0.00 | 36.49 -0.44 0.00 | 34.89 -0.46 0.00 | 34.66 -0.39 0.00 | 36.64 -0.33 0.00 | 39.95 -0.32 0.00 | 55.72 -0.28 0.00 | 66.69 -0.40 0.00 | 55.89 -0.11 0.00 | 51.97 -0.26 0.00 | 51.43 -0.15 0.00 | 50.32 -0.10 0.00 | 49.96 -0.20 0.00 | 50.57 -0.46 0.00 | 51.71 -0.52 0.00 | 54.68 -0.83 0.00 | 66.32 -0.94 0.00 | 85.78 -1.48 0.00 | 76.88 -1.09 0.00 | 65.97 -0.60 0.00 | 60.95 -0.18 0.00 | 56.11 0.17 0.00 | 50.99 0.20 0.00 | 48.02 0.10 0.00 |
| NORTHPORT___1 23551 | 43.75 3.68 0.00 | 39.67 2.73 0.00 | 37.82 2.47 0.00 | 37.53 2.49 0.00 | 39.86 2.89 0.00 | 43.61 3.34 0.00 | 58.97 2.97 0.00 | 69.77 2.69 0.00 | 58.97 2.97 0.00 | 55.94 3.71 0.00 | 56.28 4.69 -0.01 | 54.70 4.28 0.00 | 54.89 4.71 -0.01 | 55.69 4.64 -0.02 | 59.04 4.33 -2.47 | 60.30 4.77 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.91 4.77 -0.01 | 60.44 4.48 -0.02 | 57.72 4.06 -2.86 | 51.77 3.83 -0.02 |
| NORTHPORT___2 23552 | 43.75 3.68 0.00 | 39.67 2.73 0.00 | 37.82 2.47 0.00 | 37.53 2.49 0.00 | 39.86 2.89 0.00 | 43.61 3.34 0.00 | 58.97 2.97 0.00 | 69.77 2.69 0.00 | 58.97 2.97 0.00 | 55.94 3.71 0.00 | 56.28 4.69 -0.01 | 54.70 4.28 0.00 | 54.89 4.71 -0.01 | 55.69 4.64 -0.02 | 59.04 4.33 -2.47 | 60.30 4.77 -0.02 | 72.64 5.38 0.00 | 94.86 7.59 -0.01 | 84.14 6.16 -0.01 | 71.84 5.26 -0.01 | 65.91 4.77 -0.01 | 60.44 4.48 -0.02 | 57.72 4.06 -2.86 | 51.77 3.83 -0.02 |
| NORTHPORT___3 23553 | 43.63 3.56 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.43 2.38 0.00 | 39.75 2.77 0.00 | 43.49 3.22 0.00 | 58.80 2.80 0.00 | 69.57 2.48 0.00 | 58.85 2.85 0.00 | 55.78 3.55 0.00 | 56.13 4.54 -0.01 | 54.56 4.14 0.00 | 54.74 4.56 -0.01 | 55.54 4.49 -0.02 | 58.93 4.23 -2.47 | 60.13 4.61 -0.02 | 72.44 5.18 0.00 | 94.60 7.33 -0.01 | 83.90 5.92 -0.01 | 71.64 5.06 -0.01 | 65.73 4.59 -0.01 | 60.27 4.31 -0.01 | 57.56 3.91 -2.86 | 51.63 3.69 -0.02 |
| NORTHPORT___4 23650 | 43.63 3.56 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.43 2.38 0.00 | 39.75 2.77 0.00 | 43.49 3.22 0.00 | 58.80 2.80 0.00 | 69.57 2.48 0.00 | 58.85 2.85 0.00 | 55.78 3.55 0.00 | 56.13 4.54 -0.01 | 54.56 4.14 0.00 | 54.74 4.56 -0.01 | 55.54 4.49 -0.02 | 58.93 4.23 -2.47 | 60.13 4.61 -0.02 | 72.44 5.18 0.00 | 94.60 7.33 -0.01 | 83.90 5.92 -0.01 | 71.64 5.06 -0.01 | 65.73 4.59 -0.01 | 60.27 4.31 -0.01 | 57.56 3.91 -2.86 | 51.63 3.69 -0.02 |
| NORTHPORT___IC 23718 | 43.75 3.69 0.00 | 39.67 2.73 0.00 | 37.75 2.40 0.00 | 37.53 2.49 0.00 | 39.86 2.88 0.00 | 43.61 3.34 0.00 | 59.42 3.42 0.00 | 69.77 2.68 0.00 | 59.19 3.19 0.00 | 55.94 3.71 0.00 | 56.28 4.69 -0.01 | 54.71 4.29 0.00 | 54.89 4.72 -0.01 | 55.69 4.64 -0.02 | 59.04 4.34 -2.47 | 60.30 4.77 -0.02 | 72.78 5.52 0.00 | 94.95 7.68 -0.01 | 84.14 6.16 -0.01 | 71.91 5.33 -0.01 | 66.03 4.89 -0.01 | 60.43 4.48 -0.02 | 57.77 4.11 -2.86 | 51.77 3.83 -0.02 |
| NORTH___COUNTRY_ESR 323785 | 38.58 -1.48 0.00 | 35.53 -1.40 0.00 | 33.97 -1.38 0.00 | 33.75 -1.30 0.00 | 35.61 -1.37 0.00 | 38.82 -1.45 0.00 | 54.15 -1.85 0.00 | 64.81 -2.28 0.00 | 54.26 -1.74 0.00 | 50.55 -1.67 0.00 | 49.98 -1.60 0.00 | 48.91 -1.51 0.00 | 48.56 -1.61 0.00 | 49.20 -1.84 0.00 | 50.46 -1.78 0.00 | 53.63 -1.89 0.00 | 65.17 -2.09 0.00 | 84.47 -2.80 0.00 | 75.47 -2.50 0.00 | 64.58 -2.00 0.00 | 59.48 -1.65 0.00 | 54.49 -1.45 0.00 | 49.42 -1.37 0.00 | 46.58 -1.34 0.00 |
| NPX_GEN_1385_PROXY 323591 | 52.84 4.01 -8.77 | 51.49 3.03 -11.53 | 50.94 2.79 -12.80 | 51.75 2.77 -13.94 | 49.90 3.18 -9.74 | 61.32 3.66 -17.39 | 66.78 3.47 -7.31 | 72.39 3.22 -2.08 | 63.95 3.47 -4.48 | 56.20 3.97 0.00 | 56.59 5.00 -0.01 | 54.66 4.24 0.00 | 54.84 4.67 -0.01 | 56.00 4.95 -0.02 | 61.90 4.80 -4.86 | 72.11 5.28 -11.32 | 87.70 5.92 -14.52 | 105.49 8.29 -9.93 | 86.45 6.86 -1.61 | 75.70 5.86 -3.27 | 78.42 5.26 -12.03 | 67.73 4.98 -6.81 | 60.17 4.52 -4.86 | 52.54 4.26 -0.36 |
| NPX_GEN_CSC 323557 | 44.11 4.04 0.00 | 39.93 2.99 0.00 | 38.07 2.72 0.00 | 37.78 2.74 0.00 | 40.16 3.18 0.00 | 43.93 3.66 0.00 | 59.64 3.64 0.00 | 70.44 3.35 0.00 | 59.64 3.64 0.00 | 56.30 4.08 0.00 | 56.80 5.21 -0.01 | 55.01 4.59 0.00 | 55.34 5.17 -0.01 | 56.31 5.26 -0.02 | 59.92 5.22 -2.46 | 61.36 5.83 -0.02 | 74.19 6.93 0.00 | 96.96 9.69 -0.01 | 86.09 8.11 -0.01 | 73.44 6.86 -0.01 | 67.25 6.11 -0.01 | 61.65 5.65 -0.06 | 58.47 4.83 -2.86 | 52.44 4.50 -0.02 |
| NSINS_S_GLNS_FALLS 23858 | 42.83 2.76 0.00 | 39.41 2.47 0.00 | 37.72 2.37 0.00 | 37.35 2.31 0.00 | 39.42 2.44 0.00 | 43.13 2.86 0.00 | 60.14 4.14 0.00 | 72.19 5.10 0.00 | 59.92 3.92 0.00 | 55.57 3.34 0.00 | 54.73 3.15 0.00 | 53.39 2.97 0.00 | 53.02 2.86 0.00 | 53.89 2.86 0.00 | 55.42 3.19 0.00 | 59.07 3.55 0.00 | 71.83 4.57 0.00 | 93.55 6.28 0.00 | 83.43 5.46 0.00 | 71.10 4.53 0.00 | 65.72 4.58 0.00 | 59.91 3.97 0.00 | 54.19 3.40 0.00 | 51.08 3.16 0.00 |
| NUCOR_STEEL___DRP 24197 | 40.03 -0.04 0.00 | 37.01 0.07 0.00 | 35.52 0.18 0.00 | 35.11 0.07 0.00 | 37.05 0.07 0.00 | 40.31 0.04 0.00 | 56.22 0.22 0.00 | 67.50 0.40 0.00 | 56.45 0.45 0.00 | 52.70 0.47 0.00 | 52.10 0.52 0.00 | 50.77 0.35 0.00 | 50.46 0.30 0.00 | 51.39 0.36 0.00 | 52.65 0.42 0.00 | 55.96 0.44 0.00 | 67.74 0.47 0.00 | 87.88 0.61 0.00 | 78.60 0.62 0.00 | 67.11 0.53 0.00 | 61.44 0.31 0.00 | 56.11 0.17 0.00 | 51.10 0.30 0.00 | 48.25 0.34 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 40.23 0.16 0.00 | 37.08 0.15 0.00 | 35.45 0.11 0.00 | 35.11 0.07 0.00 | 37.16 0.19 0.00 | 40.51 0.24 0.00 | 56.56 0.56 0.00 | 68.16 1.07 0.00 | 56.78 0.78 0.00 | 52.96 0.73 0.00 | 52.36 0.77 0.00 | 51.13 0.71 0.00 | 50.81 0.65 0.00 | 51.60 0.56 0.00 | 52.86 0.63 0.00 | 56.07 0.56 0.00 | 67.93 0.67 0.00 | 88.32 1.05 0.00 | 79.30 1.32 0.00 | 67.77 1.20 0.00 | 62.29 1.16 0.00 | 57.00 1.06 0.00 | 51.71 0.92 0.00 | 48.59 0.67 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 40.07 0.00 0.00 | 36.94 0.00 0.00 | 35.35 0.00 0.00 | 35.04 0.00 0.00 | 36.98 0.00 0.00 | 40.27 0.00 0.00 | 56.00 0.00 0.00 | 67.09 0.00 0.00 | 56.00 0.00 0.00 | 52.23 0.00 0.00 | 51.58 0.00 0.00 | 50.42 0.00 0.00 | 50.16 0.00 0.00 | 51.03 0.00 0.00 | 52.23 0.00 0.00 | 55.51 0.00 0.00 | 67.26 0.00 0.00 | 87.27 0.00 0.00 | 77.97 0.00 0.00 | 66.57 0.00 0.00 | 61.13 0.00 0.00 | 55.94 0.00 0.00 | 50.79 0.00 0.00 | 47.92 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 44.35 4.29 0.00 | 40.19 3.25 0.00 | 38.35 3.00 0.00 | 38.02 2.98 0.00 | 40.41 3.44 0.00 | 44.22 3.95 0.00 | 60.20 4.20 0.00 | 71.25 4.16 0.00 | 60.14 4.14 0.00 | 56.77 4.54 0.00 | 57.21 5.62 -0.01 | 55.51 5.09 0.00 | 55.79 5.62 -0.01 | 56.66 5.61 -0.02 | 60.32 5.64 -2.44 | 61.69 6.16 -0.02 | 74.59 7.33 0.00 | 97.48 10.21 -0.01 | 86.48 8.50 -0.01 | 73.84 7.26 -0.01 | 67.56 6.42 -0.01 | 61.61 5.65 -0.02 | 58.85 5.23 -2.83 | 52.73 4.79 -0.02 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| NYPA_GOWANUS____GT5 24156 | 43.24 | 39.60 | 37.79 | 37.50 | 39.76 | 43.17 | 59.42 | 71.11 | 59.25 | 55.67 | 55.04 | 54.06 | 53.88 | 54.86 | 55.63 | 59.01 | 71.15 | 92.85 | 82.25 | 70.22 | 64.36 | 59.19 | 53.99 | 50.79 |
| | 3.16 | 2.66 | 2.44 | 2.45 | 2.77 | 2.90 | 3.42 | 4.03 | 3.25 | 3.45 | 3.46 | 3.63 | 3.71 | 3.83 | 3.39 | 3.50 | 3.90 | 5.59 | 4.29 | 3.66 | 3.24 | 3.24 | 3.20 | 2.87 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA_GOWANUS____GT6 24157 | 43.24 | 39.60 | 37.79 | 37.50 | 39.76 | 43.17 | 59.42 | 71.11 | 59.25 | 55.67 | 55.04 | 54.06 | 53.88 | 54.86 | 55.63 | 59.01 | 71.15 | 92.85 | 82.25 | 70.22 | 64.36 | 59.19 | 53.99 | 50.79 |
| | 3.16 | 2.66 | 2.44 | 2.45 | 2.77 | 2.90 | 3.42 | 4.03 | 3.25 | 3.45 | 3.46 | 3.63 | 3.71 | 3.83 | 3.39 | 3.50 | 3.90 | 5.59 | 4.29 | 3.66 | 3.24 | 3.24 | 3.20 | 2.87 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 42.95 | 39.33 | 37.47 | 37.18 | 39.76 | 43.22 | 59.65 | 71.39 | 59.42 | 55.67 | 55.09 | 53.76 | 53.63 | 54.86 | 55.42 | 58.67 | 70.75 | 92.40 | 81.94 | 69.89 | 64.00 | 58.91 | 53.79 | 50.31 |
| | 2.89 | 2.40 | 2.12 | 2.14 | 2.77 | 2.94 | 3.64 | 4.30 | 3.42 | 3.45 | 3.51 | 3.33 | 3.46 | 3.83 | 3.19 | 3.16 | 3.50 | 5.15 | 3.97 | 3.33 | 2.87 | 2.96 | 3.00 | 2.39 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.02 | -0.02 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 42.95 | 39.33 | 37.47 | 37.18 | 39.76 | 43.22 | 59.65 | 71.39 | 59.42 | 55.67 | 55.09 | 53.76 | 53.63 | 54.86 | 55.42 | 58.67 | 70.75 | 92.40 | 81.94 | 69.89 | 64.00 | 58.91 | 53.79 | 50.31 |
| | 2.89 | 2.40 | 2.12 | 2.14 | 2.77 | 2.94 | 3.64 | 4.30 | 3.42 | 3.45 | 3.51 | 3.33 | 3.46 | 3.83 | 3.19 | 3.16 | 3.50 | 5.15 | 3.97 | 3.33 | 2.87 | 2.96 | 3.00 | 2.39 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.02 | -0.02 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA_KENT____GT 24152 | 43.11 | 39.49 | 37.68 | 37.36 | 39.61 | 43.09 | 59.42 | 71.18 | 59.30 | 55.62 | 55.04 | 54.01 | 53.83 | 54.81 | 55.63 | 59.01 | 71.08 | 92.76 | 82.17 | 70.16 | 64.36 | 59.13 | 53.89 | 50.65 |
| | 3.04 | 2.55 | 2.33 | 2.31 | 2.63 | 2.82 | 3.42 | 4.09 | 3.30 | 3.39 | 3.46 | 3.58 | 3.66 | 3.78 | 3.39 | 3.50 | 3.83 | 5.50 | 4.21 | 3.59 | 3.24 | 3.19 | 3.10 | 2.73 |
| | 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 | -0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA_POUCH1____GT 24155 | 43.32 | 39.72 | 37.90 | 37.57 | 39.83 | 43.25 | 59.30 | 70.98 | 59.08 | 55.57 | 54.93 | 54.06 | 53.88 | 54.81 | 55.53 | 58.79 | 70.95 | 92.67 | 82.10 | 70.02 | 64.18 | 59.07 | 53.99 | 50.89 |
| | 3.24 | 2.77 | 2.55 | 2.52 | 2.85 | 2.98 | 3.30 | 3.89 | 3.08 | 3.35 | 3.35 | 3.63 | 3.71 | 3.78 | 3.29 | 3.27 | 3.70 | 5.41 | 4.13 | 3.46 | 3.06 | 3.13 | 3.20 | 2.97 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA_VERNON____GT2 24162 | 42.99 | 39.37 | 37.58 | 37.25 | 39.49 | 43.01 | 59.42 | 71.18 | 59.36 | 55.62 | 54.99 | 53.90 | 53.73 | 54.81 | 55.63 | 59.01 | 71.09 | 92.76 | 82.17 | 70.16 | 64.36 | 59.13 | 53.74 | 50.51 |
| | 2.92 | 2.44 | 2.23 | 2.21 | 2.52 | 2.74 | 3.42 | 4.09 | 3.36 | 3.39 | 3.40 | 3.48 | 3.56 | 3.78 | 3.39 | 3.50 | 3.83 | 5.50 | 4.21 | 3.59 | 3.24 | 3.19 | 2.94 | 2.59 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA_VERNON____GT3 24163 | 42.99 | 39.37 | 37.58 | 37.25 | 39.49 | 43.01 | 59.42 | 71.18 | 59.36 | 55.62 | 54.99 | 53.90 | 53.73 | 54.81 | 55.63 | 59.01 | 71.09 | 92.76 | 82.17 | 70.16 | 64.36 | 59.13 | 53.74 | 50.51 |
| | 2.92 | 2.44 | 2.23 | 2.21 | 2.52 | 2.74 | 3.42 | 4.09 | 3.36 | 3.39 | 3.40 | 3.48 | 3.56 | 3.78 | 3.39 | 3.50 | 3.83 | 5.50 | 4.21 | 3.59 | 3.24 | 3.19 | 2.94 | 2.59 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA____ASTORIA_CC1 323568 | 42.91 | 39.33 | 37.54 | 37.22 | 39.49 | 42.97 | 59.36 | 71.05 | 59.25 | 55.52 | 54.93 | 53.81 | 53.63 | 54.71 | 55.53 | 58.90 | 70.88 | 92.58 | 81.94 | 70.02 | 64.18 | 58.96 | 53.69 | 50.36 |
| | 2.84 | 2.40 | 2.19 | 2.17 | 2.52 | 2.70 | 3.36 | 3.96 | 3.25 | 3.29 | 3.35 | 3.38 | 3.46 | 3.68 | 3.29 | 3.39 | 3.63 | 5.32 | 3.97 | 3.46 | 3.06 | 3.02 | 2.89 | 2.44 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA____ASTORIA_CC2 323569 | 42.91 | 39.33 | 37.54 | 37.22 | 39.49 | 42.97 | 59.36 | 71.05 | 59.25 | 55.52 | 54.93 | 53.81 | 53.63 | 54.71 | 55.53 | 58.90 | 70.88 | 92.58 | 81.94 | 70.02 | 64.18 | 58.96 | 53.69 | 50.36 |
| | 2.84 | 2.40 | 2.19 | 2.17 | 2.52 | 2.70 | 3.36 | 3.96 | 3.25 | 3.29 | 3.35 | 3.38 | 3.46 | 3.68 | 3.29 | 3.39 | 3.63 | 5.32 | 3.97 | 3.46 | 3.06 | 3.02 | 2.89 | 2.44 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA____HOLTSVILL 23794 | 43.87 | 39.74 | 37.89 | 37.60 | 39.93 | 43.69 | 59.36 | 70.04 | 59.36 | 56.04 | 56.49 | 54.80 | 55.09 | 55.95 | 59.45 | 60.81 | 73.38 | 95.83 | 85.08 | 72.64 | 66.52 | 61.04 | 58.02 | 52.06 |
| | 3.81 | 2.81 | 2.55 | 2.56 | 2.96 | 3.42 | 3.36 | 2.95 | 3.36 | 3.81 | 4.90 | 4.38 | 4.92 | 4.90 | 4.75 | 5.28 | 6.12 | 8.56 | 7.09 | 6.06 | 5.38 | 5.04 | 4.37 | 4.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | -0.01 | -0.02 | -2.47 | -0.02 | 0.00 | -0.01 | -0.01 | -0.01 | -0.01 | -0.06 | -2.86 | -0.02 |
| NYPA____HELLGATE_GT1 24158 | 42.95 | 39.33 | 37.47 | 37.18 | 39.76 | 43.21 | 59.64 | 71.40 | 59.43 | 55.69 | 55.11 | 53.77 | 53.65 | 54.88 | 55.42 | 58.67 | 70.68 | 92.32 | 81.78 | 69.76 | 63.94 | 58.91 | 53.79 | 50.31 |
| | 2.89 | 2.40 | 2.12 | 2.14 | 2.77 | 2.94 | 3.64 | 4.30 | 3.42 | 3.45 | 3.51 | 3.33 | 3.46 | 3.83 | 3.19 | 3.16 | 3.43 | 5.06 | 3.82 | 3.20 | 2.81 | 2.96 | 3.00 | 2.39 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYPA____HELLGATE_GT2 24159 | 42.95 | 39.33 | 37.47 | 37.18 | 39.76 | 43.21 | 59.64 | 71.40 | 59.43 | 55.69 | 55.11 | 53.77 | 53.65 | 54.88 | 55.42 | 58.67 | 70.68 | 92.32 | 81.78 | 69.76 | 63.94 | 58.91 | 53.79 | 50.31 |
| | 2.89 | 2.40 | 2.12 | 2.14 | 2.77 | 2.94 | 3.64 | 4.30 | 3.42 | 3.45 | 3.51 | 3.33 | 3.46 | 3.83 | 3.19 | 3.16 | 3.43 | 5.06 | 3.82 | 3.20 | 2.81 | 2.96 | 3.00 | 2.39 |
| | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | -0.02 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| NYS_BARGE____HYD 23848 | 36.90 | 34.61 | 33.19 | 32.76 | 34.28 | 36.80 | 51.69 | 60.23 | 50.96 | 48.00 | 47.56 | 46.08 | 45.80 | 46.75 | 47.90 | 50.28 | 60.72 | 78.27 | 71.89 | 60.45 | 55.69 | 51.30 | 47.79 | 45.95 |
| | -3.17 | -2.33 | -2.16 | -2.28 | -2.70 | -3.46 | -4.31 | -6.84 | -5.04 | -4.23 | -4.02 | -4.34 | -4.36 | -4.29 | -4.33 | -5.22 | -6.52 | -8.99 | -6.08 | -6.12 | -5.44 | -4.64 | -3.00 | -1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OAK ORCHARD____HYD 24046 | 38.38 | 35.75 | 34.25 | 33.89 | 35.53 | 38.70 | 54.37 | 64.20 | 54.10 | 50.77 | 50.40 | 48.91 | 48.56 | 49.50 | 50.77 | 53.45 | 64.77 | 83.42 | 75.95 | 64.11 | 59.05 | 54.04 | 49.72 | 47.35 |
| | -1.68 | -1.18 | -1.10 | -1.16 | -1.44 | -1.57 | -1.63 | -2.88 | -1.90 | -1.46 | -1.18 | -1.51 | -1.61 | -1.53 | -1.46 | -2.05 | -2.49 | -3.84 | -2.03 | -2.46 | -2.08 | -1.90 | -1.07 | -0.57 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OAKDALE___35_KV_LOAD 356122 | 40.03 -0.04 0.00 | 37.01 0.07 0.00 | 35.49 0.14 0.00 | 35.11 0.07 0.00 | 37.01 0.04 0.00 | 40.31 0.04 0.00 | 56.17 0.17 0.00 | 67.69 0.60 0.00 | 56.56 0.56 0.00 | 52.80 0.57 0.00 | 52.15 0.57 0.00 | 50.92 0.50 0.00 | 50.67 0.50 0.00 | 51.59 0.56 0.00 | 52.81 0.57 0.00 | 56.12 0.61 0.00 | 68.00 0.74 0.00 | 88.31 1.05 0.00 | 78.75 0.78 0.00 | 67.24 0.67 0.00 | 61.62 0.49 0.00 | 56.39 0.45 0.00 | 51.35 0.56 0.00 | 48.54 0.62 0.00 |
| OCC_CHEM___DRP 24175 | 36.02 -4.05 0.00 | 33.80 -3.14 0.00 | 32.56 -2.79 0.00 | 31.99 -3.05 0.00 | 33.46 -3.51 0.00 | 36.20 -4.07 0.00 | 49.62 -6.38 0.00 | 58.96 -8.12 0.01 | 49.90 -6.10 0.00 | 47.16 -5.07 0.00 | 46.73 -4.85 0.00 | 45.28 -5.14 0.00 | 45.00 -5.17 0.00 | 45.93 -5.10 0.00 | 47.06 -5.17 0.00 | 49.34 -6.16 0.01 | 59.31 -7.94 0.01 | 76.26 -11.00 0.01 | 69.40 -8.58 0.00 | 59.18 -7.39 0.00 | 54.22 -6.91 0.00 | 50.12 -5.82 0.00 | 46.83 -3.96 0.00 | 45.14 -2.78 0.00 |
| OH_GEN_PROXY 24063 | 36.66 -3.41 0.00 | 34.35 -2.59 0.00 | 32.94 -2.40 0.00 | 32.52 -2.52 0.00 | 34.05 -2.92 0.00 | 36.80 -3.46 0.00 | 51.63 -4.37 0.00 | 60.17 -6.91 0.01 | 50.90 -5.10 0.00 | 48.00 -4.23 0.00 | 47.51 -4.08 0.00 | 46.03 -4.39 0.00 | 45.75 -4.41 0.00 | 46.70 -4.34 0.00 | 47.85 -4.39 0.00 | 50.23 -5.28 0.01 | 60.59 -6.66 0.01 | 78.00 -9.25 0.01 | 71.58 -6.39 0.00 | 60.25 -6.33 0.00 | 55.57 -5.56 0.00 | 51.13 -4.81 0.00 | 47.59 -3.20 0.00 | 45.76 -2.16 0.00 |
| OLIN_CORP_DRP 24177 | 36.54 -3.53 0.00 | 34.35 -2.59 0.00 | 33.09 -2.26 0.00 | 32.52 -2.52 0.00 | 34.02 -2.96 0.00 | 36.36 -3.91 0.00 | 49.84 -6.16 0.00 | 59.29 -7.78 0.01 | 50.12 -5.88 0.00 | 47.32 -4.91 0.00 | 46.89 -4.69 0.00 | 45.43 -4.99 0.00 | 45.15 -5.02 0.00 | 46.08 -4.95 0.00 | 47.22 -5.01 0.00 | 49.56 -5.94 0.01 | 59.65 -7.60 0.01 | 76.78 -10.47 0.01 | 69.79 -8.19 0.00 | 59.45 -7.12 0.00 | 54.47 -6.66 0.00 | 50.35 -5.59 0.00 | 47.03 -3.76 0.00 | 45.33 -2.59 0.00 |
| OLIN_CORP_DSASP 323712 | 36.02 -4.05 0.00 | 33.80 -3.14 0.00 | 32.56 -2.79 0.00 | 31.99 -3.05 0.00 | 33.46 -3.51 0.00 | 36.20 -4.07 0.00 | 49.62 -6.38 0.00 | 58.96 -8.12 0.01 | 49.90 -6.10 0.00 | 47.16 -5.07 0.00 | 46.73 -4.85 0.00 | 45.28 -5.14 0.00 | 45.00 -5.17 0.00 | 45.93 -5.10 0.00 | 47.06 -5.17 0.00 | 49.34 -6.16 0.01 | 59.31 -7.94 0.01 | 76.26 -11.00 0.01 | 69.40 -8.58 0.00 | 59.18 -7.39 0.00 | 54.22 -6.91 0.00 | 50.12 -5.82 0.00 | 46.83 -3.96 0.00 | 45.14 -2.78 0.00 |
| ONEIDA_HERK_LFGE 323681 | 40.70 0.64 0.00 | 37.56 0.63 0.00 | 35.91 0.56 0.00 | 35.57 0.53 0.00 | 37.60 0.63 0.00 | 40.99 0.73 0.00 | 57.23 1.23 0.00 | 68.83 1.74 0.00 | 57.45 1.45 0.00 | 53.58 1.36 0.00 | 52.92 1.34 0.00 | 51.68 1.26 0.00 | 51.42 1.25 0.00 | 52.26 1.22 0.00 | 53.54 1.31 0.00 | 56.84 1.33 0.00 | 68.94 1.68 0.00 | 89.45 2.18 0.00 | 80.15 2.18 0.00 | 68.43 1.86 0.00 | 62.78 1.65 0.00 | 57.40 1.45 0.00 | 52.11 1.32 0.00 | 49.02 1.10 0.00 |
| ONEIDA___115KV_TB4 55905 | 40.99 0.92 0.00 | 37.86 0.92 0.00 | 36.27 0.92 0.00 | 35.88 0.84 0.00 | 37.94 0.96 0.00 | 41.35 1.09 0.00 | 57.68 1.68 0.00 | 69.44 2.35 0.00 | 57.90 1.90 0.00 | 54.00 1.78 0.00 | 53.34 1.75 0.00 | 52.08 1.66 0.00 | 51.87 1.71 0.00 | 52.72 1.68 0.00 | 54.01 1.78 0.00 | 57.40 1.89 0.00 | 69.61 2.35 0.00 | 90.32 3.05 0.00 | 80.78 2.81 0.00 | 68.90 2.33 0.00 | 63.15 2.02 0.00 | 57.68 1.73 0.00 | 52.42 1.63 0.00 | 49.36 1.44 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 39.83 -0.24 0.00 | 36.82 -0.11 0.00 | 35.28 -0.07 0.00 | 34.94 -0.11 0.00 | 36.83 -0.15 0.00 | 40.11 -0.16 0.00 | 55.83 -0.17 0.00 | 67.09 0.00 0.00 | 56.06 0.06 0.00 | 52.38 0.16 0.00 | 51.74 0.15 0.00 | 50.47 0.05 0.00 | 50.21 0.05 0.00 | 51.08 0.05 0.00 | 52.34 0.10 0.00 | 55.63 0.11 0.00 | 67.33 0.07 0.00 | 87.27 0.00 0.00 | 78.05 0.08 0.00 | 66.64 0.07 0.00 | 61.07 -0.06 0.00 | 55.78 -0.17 0.00 | 50.74 -0.05 0.00 | 47.87 -0.05 0.00 |
| ONONDAGA___COGEN 23986 | 39.87 -0.20 0.00 | 36.86 -0.07 0.00 | 35.35 0.00 0.00 | 34.97 -0.07 0.00 | 36.86 -0.11 0.00 | 40.11 -0.16 0.00 | 55.89 -0.11 0.00 | 67.09 0.00 0.00 | 56.11 0.11 0.00 | 52.44 0.21 0.00 | 51.79 0.21 0.00 | 50.52 0.10 0.00 | 50.26 0.10 0.00 | 51.14 0.10 0.00 | 52.39 0.16 0.00 | 55.63 0.11 0.00 | 67.33 0.07 0.00 | 87.27 0.00 0.00 | 78.05 0.08 0.00 | 66.64 0.07 0.00 | 61.07 -0.06 0.00 | 55.78 -0.17 0.00 | 50.74 -0.05 0.00 | 47.87 -0.05 0.00 |
| ONTARIO___LFGE 23819 | 39.22 -0.84 0.00 | 36.38 -0.55 0.00 | 34.85 -0.49 0.00 | 34.48 -0.56 0.00 | 36.31 -0.66 0.00 | 39.58 -0.68 0.00 | 55.55 -0.45 0.00 | 66.21 -0.87 0.00 | 55.55 -0.45 0.00 | 52.02 -0.21 0.00 | 51.48 -0.10 0.00 | 50.12 -0.30 0.00 | 49.76 -0.40 0.00 | 50.68 -0.35 0.00 | 51.92 -0.31 0.00 | 54.96 -0.56 0.00 | 66.59 -0.67 0.00 | 86.13 -1.14 0.00 | 77.59 -0.39 0.00 | 65.91 -0.67 0.00 | 60.46 -0.67 0.00 | 55.21 -0.73 0.00 | 50.49 -0.30 0.00 | 47.78 -0.14 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 36.26 -3.81 0.00 | 33.91 -3.03 0.00 | 32.55 -2.79 0.00 | 32.13 -2.91 0.00 | 33.72 -3.25 0.00 | 36.48 -3.79 0.00 | 51.41 -4.59 0.00 | 60.16 -6.91 0.02 | 50.57 -5.43 0.00 | 47.32 -4.91 0.00 | 46.84 -4.74 0.00 | 45.38 -5.04 0.00 | 45.20 -4.97 0.00 | 46.18 -4.85 0.00 | 47.43 -4.80 0.00 | 50.05 -5.44 0.02 | 60.58 -6.66 0.02 | 78.95 -8.29 0.02 | 71.81 -6.16 0.00 | 60.71 -5.86 0.00 | 55.81 -5.32 0.00 | 51.47 -4.48 0.00 | 47.95 -2.84 0.00 | 46.20 -1.72 0.00 |
| ORANGEVILLE___ESR 323794 | 36.26 -3.81 0.00 | 33.91 -3.03 0.00 | 32.55 -2.79 0.00 | 32.13 -2.91 0.00 | 33.72 -3.25 0.00 | 36.48 -3.79 0.00 | 51.41 -4.59 0.00 | 60.16 -6.91 0.02 | 50.57 -5.43 0.00 | 47.32 -4.91 0.00 | 46.84 -4.74 0.00 | 45.38 -5.04 0.00 | 45.20 -4.97 0.00 | 46.18 -4.85 0.00 | 47.43 -4.80 0.00 | 50.05 -5.44 0.02 | 60.58 -6.66 0.02 | 78.95 -8.29 0.02 | 71.81 -6.16 0.00 | 60.71 -5.86 0.00 | 55.81 -5.32 0.00 | 51.47 -4.48 0.00 | 47.95 -2.84 0.00 | 46.20 -1.72 0.00 |
| OSWEGATCHIE___HYD 24044 | 39.79 -0.28 0.00 | 36.68 -0.26 0.00 | 35.03 -0.32 0.00 | 34.76 -0.28 0.00 | 36.75 -0.22 0.00 | 40.07 -0.20 0.00 | 55.78 -0.22 0.00 | 67.02 -0.07 0.00 | 56.00 0.00 0.00 | 52.12 -0.10 0.00 | 51.69 0.10 0.00 | 50.52 0.10 0.00 | 50.21 0.05 0.00 | 50.93 -0.10 0.00 | 52.08 -0.16 0.00 | 55.07 -0.45 0.00 | 66.59 -0.67 0.00 | 86.31 -0.96 0.00 | 77.51 -0.47 0.00 | 66.37 -0.20 0.00 | 61.19 0.06 0.00 | 56.34 0.39 0.00 | 51.20 0.40 0.00 | 48.11 0.19 0.00 |
| OSWEGO___5 23606 | 39.15 -0.92 0.00 | 36.20 -0.74 0.00 | 34.67 -0.67 0.00 | 34.34 -0.70 0.00 | 36.20 -0.78 0.00 | 39.38 -0.89 0.00 | 54.82 -1.18 0.00 | 65.68 -1.41 0.00 | 54.93 -1.07 0.00 | 51.23 -0.99 0.00 | 50.66 -0.93 0.00 | 49.41 -1.01 0.00 | 49.16 -1.00 0.00 | 50.01 -1.02 0.00 | 51.24 -0.99 0.00 | 54.40 -1.11 0.00 | 65.92 -1.34 0.00 | 85.34 -1.92 0.00 | 76.41 -1.56 0.00 | 65.17 -1.40 0.00 | 59.79 -1.35 0.00 | 54.66 -1.28 0.00 | 49.72 -1.07 0.00 | 46.96 -0.96 0.00 |
| OSWEGO___6 23613 | 39.15 -0.92 0.00 | 36.20 -0.74 0.00 | 34.67 -0.67 0.00 | 34.34 -0.70 0.00 | 36.20 -0.78 0.00 | 39.38 -0.89 0.00 | 54.82 -1.18 0.00 | 65.68 -1.41 0.00 | 54.93 -1.07 0.00 | 51.23 -0.99 0.00 | 50.66 -0.93 0.00 | 49.41 -1.01 0.00 | 49.16 -1.00 0.00 | 50.01 -1.02 0.00 | 51.24 -0.99 0.00 | 54.40 -1.11 0.00 | 65.92 -1.34 0.00 | 85.34 -1.92 0.00 | 76.41 -1.56 0.00 | 65.17 -1.40 0.00 | 59.79 -1.35 0.00 | 54.66 -1.28 0.00 | 49.72 -1.07 0.00 | 46.96 -0.96 0.00 |

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| OUTOKUMPU-AB___DRP 24206 | 36.70 -3.37 0.00 | 34.42 -2.51 0.00 | 33.19 -2.16 0.00 | 32.62 -2.42 0.00 | 34.13 -2.85 0.00 | 36.84 -3.42 0.00 | 50.74 -5.26 0.00 | 60.37 -6.71 0.01 | 51.07 -4.93 0.00 | 48.10 -4.13 0.00 | 47.66 -3.92 0.00 | 46.18 -4.24 0.00 | 45.95 -4.21 0.00 | 46.90 -4.13 0.00 | 48.05 -4.18 0.00 | 50.50 -5.00 0.01 | 60.86 -6.39 0.01 | 78.52 -8.73 0.01 | 71.27 -6.71 0.00 | 60.65 -5.93 0.00 | 55.45 -5.69 0.00 | 51.30 -4.64 0.00 | 47.95 -2.84 0.00 | 46.15 -1.77 0.00 |
| OXBOW___BTM 323836 | 36.42 -3.65 0.00 | 34.16 -2.77 0.00 | 32.77 -2.58 0.00 | 32.34 -2.70 0.00 | 33.83 -3.14 0.00 | 36.56 -3.70 0.00 | 51.35 -4.65 0.00 | 59.83 -7.25 0.01 | 50.62 -5.38 0.00 | 47.74 -4.49 0.00 | 47.25 -4.33 0.00 | 45.78 -4.64 0.00 | 45.55 -4.61 0.00 | 46.49 -4.54 0.00 | 47.64 -4.60 0.00 | 50.00 -5.50 0.01 | 60.32 -6.93 0.01 | 77.65 -9.60 0.01 | 71.42 -6.55 0.00 | 59.98 -6.59 0.00 | 55.26 -5.87 0.00 | 50.91 -5.03 0.00 | 47.54 -3.25 0.00 | 45.72 -2.20 0.00 |
| OXBOW___ 24026 | 36.38 -3.69 0.00 | 34.17 -2.77 0.00 | 32.91 -2.44 0.00 | 32.34 -2.70 0.00 | 33.83 -3.14 0.00 | 36.56 -3.70 0.00 | 50.23 -5.77 0.00 | 59.76 -7.31 0.01 | 50.57 -5.43 0.00 | 47.74 -4.49 0.00 | 47.25 -4.33 0.00 | 45.78 -4.64 0.00 | 45.55 -4.62 0.00 | 46.49 -4.54 0.00 | 47.64 -4.60 0.00 | 50.00 -5.50 0.01 | 60.18 -7.06 0.01 | 77.57 -9.69 0.01 | 70.49 -7.49 0.00 | 60.05 -6.52 0.00 | 54.90 -6.24 0.00 | 50.80 -5.15 0.00 | 47.44 -3.35 0.00 | 45.71 -2.20 0.00 |
| OXY_CHEM_DSASP 323612 | 36.02 -4.05 0.00 | 33.80 -3.14 0.00 | 32.56 -2.79 0.00 | 31.99 -3.05 0.00 | 33.46 -3.51 0.00 | 36.20 -4.07 0.00 | 49.62 -6.38 0.00 | 58.96 -8.12 0.01 | 49.90 -6.10 0.00 | 47.16 -5.07 0.00 | 46.73 -4.85 0.00 | 45.28 -5.14 0.00 | 45.00 -5.17 0.00 | 45.93 -5.10 0.00 | 47.06 -5.17 0.00 | 49.34 -6.16 0.01 | 59.31 -7.94 0.01 | 76.26 -11.00 0.01 | 69.40 -8.58 0.00 | 59.18 -7.39 0.00 | 54.22 -6.91 0.00 | 50.12 -5.82 0.00 | 46.83 -3.96 0.00 | 45.14 -2.78 0.00 |
| OZONE_PARK_ESR 323760 | 43.19 3.13 0.00 | 39.56 2.62 0.00 | 37.72 2.37 0.00 | 37.42 2.38 0.00 | 39.56 2.59 0.00 | 43.17 2.90 0.00 | 60.26 4.26 0.00 | 72.05 4.96 0.00 | 59.98 3.98 0.00 | 56.09 3.86 0.00 | 55.45 3.87 0.00 | 54.35 3.93 0.00 | 54.18 4.01 0.00 | 55.17 4.13 0.00 | 56.10 3.87 0.00 | 59.68 4.16 0.00 | 72.17 4.91 0.00 | 94.07 6.81 0.00 | 83.28 5.30 0.00 | 71.17 4.59 0.00 | 65.35 4.22 0.00 | 59.80 3.86 0.00 | 54.19 3.40 0.00 | 50.89 2.97 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 36.02 -4.05 0.00 | 33.80 -3.14 0.00 | 32.56 -2.79 0.00 | 31.99 -3.05 0.00 | 33.46 -3.51 0.00 | 36.20 -4.07 0.00 | 49.62 -6.38 0.00 | 58.96 -8.12 0.01 | 49.90 -6.10 0.00 | 47.16 -5.07 0.00 | 46.73 -4.85 0.00 | 45.28 -5.14 0.00 | 45.00 -5.17 0.00 | 45.93 -5.10 0.00 | 47.06 -5.17 0.00 | 49.34 -6.16 0.01 | 59.31 -7.94 0.01 | 76.26 -11.00 0.01 | 69.40 -8.58 0.00 | 59.18 -7.39 0.00 | 54.22 -6.91 0.00 | 50.12 -5.82 0.00 | 46.83 -3.96 0.00 | 45.14 -2.78 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 36.06 -4.01 0.00 | 33.80 -3.14 0.00 | 32.41 -2.93 0.00 | 31.99 -3.05 0.00 | 33.46 -3.51 0.00 | 36.20 -4.07 0.00 | 50.73 -5.27 0.00 | 59.02 -8.05 0.01 | 50.01 -5.99 0.00 | 47.16 -5.07 0.00 | 46.73 -4.85 0.00 | 45.28 -5.14 0.00 | 45.00 -5.17 0.00 | 45.93 -5.10 0.00 | 47.06 -5.17 0.00 | 49.34 -6.16 0.01 | 59.51 -7.73 0.01 | 76.34 -10.91 0.01 | 70.33 -7.64 0.00 | 59.12 -7.45 0.00 | 54.59 -6.54 0.00 | 50.24 -5.71 0.00 | 46.88 -3.91 0.00 | 45.14 -2.78 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 42.91 2.84 0.00 | 39.26 2.33 0.00 | 37.40 2.05 0.00 | 37.11 2.07 0.00 | 39.60 2.63 0.00 | 43.05 2.78 0.00 | 59.70 3.70 0.00 | 71.05 3.96 0.00 | 59.19 3.19 0.00 | 55.47 3.24 0.00 | 54.83 3.25 0.00 | 53.50 3.08 0.00 | 53.42 3.26 0.00 | 54.61 3.57 0.00 | 55.37 3.13 0.00 | 58.57 3.05 0.00 | 70.68 3.43 0.01 | 92.32 5.06 0.01 | 81.71 3.74 0.01 | 69.69 3.13 0.01 | 63.94 2.81 0.01 | 58.80 2.85 0.00 | 53.74 2.95 0.00 | 50.22 2.30 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 43.47 3.41 0.00 | 39.78 2.84 0.00 | 37.93 2.58 0.00 | 37.64 2.59 0.00 | 40.12 3.14 0.00 | 43.57 3.30 0.00 | 60.48 4.48 0.00 | 71.99 4.90 0.00 | 59.92 3.92 0.00 | 56.09 3.86 0.00 | 55.45 3.87 0.00 | 54.10 3.68 0.00 | 53.98 3.81 0.00 | 55.17 4.13 0.00 | 55.94 3.71 0.00 | 59.18 3.66 0.00 | 71.49 4.24 0.01 | 93.37 6.11 0.01 | 82.72 4.76 0.01 | 70.56 3.99 0.01 | 64.67 3.55 0.01 | 59.47 3.52 0.00 | 54.40 3.61 0.00 | 50.84 2.92 0.00 |
| PATROON___115KV_TB1 80586 | 41.23 1.16 0.00 | 37.97 1.03 0.00 | 36.30 0.95 0.00 | 35.95 0.91 0.00 | 37.94 0.96 0.00 | 41.23 0.97 0.00 | 56.95 0.95 0.00 | 68.23 1.14 0.00 | 56.78 0.78 0.00 | 52.85 0.63 0.00 | 52.15 0.57 0.00 | 51.08 0.66 0.00 | 50.82 0.65 0.00 | 51.80 0.77 0.00 | 53.02 0.78 0.00 | 56.40 0.89 0.00 | 68.40 1.14 0.00 | 88.84 1.57 0.00 | 79.22 1.25 0.00 | 67.57 1.00 0.00 | 62.17 1.04 0.00 | 56.78 0.84 0.00 | 51.35 0.56 0.00 | 48.64 0.72 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 41.55 1.48 0.00 | 38.23 1.29 0.00 | 36.58 1.24 0.00 | 36.27 1.23 0.00 | 38.30 1.33 0.00 | 41.84 1.57 0.00 | 58.41 2.41 0.00 | 69.97 2.88 0.00 | 57.84 1.85 0.00 | 53.58 1.36 0.00 | 52.72 1.13 0.00 | 51.53 1.11 0.00 | 51.27 1.10 0.00 | 52.26 1.22 0.00 | 53.75 1.52 0.00 | 57.51 2.00 0.00 | 70.02 2.76 0.00 | 91.28 4.02 0.00 | 81.10 3.12 0.00 | 69.17 2.59 0.00 | 63.64 2.51 0.00 | 58.18 2.24 0.00 | 52.62 1.83 0.00 | 49.60 1.68 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 36.78 -3.29 0.00 | 34.50 -2.44 0.00 | 33.26 -2.09 0.00 | 32.69 -2.35 0.00 | 34.24 -2.74 0.00 | 37.05 -3.22 0.00 | 51.35 -4.65 0.00 | 61.17 -5.90 0.02 | 51.46 -4.54 0.00 | 48.36 -3.86 0.00 | 47.87 -3.71 0.00 | 46.34 -4.08 0.00 | 46.15 -4.01 0.00 | 47.16 -3.88 0.00 | 48.26 -3.97 0.00 | 51.17 -4.33 0.02 | 61.86 -5.38 0.02 | 81.05 -6.20 0.02 | 71.89 -6.08 0.00 | 61.25 -5.33 0.00 | 55.94 -5.20 0.00 | 51.75 -4.20 0.00 | 48.30 -2.49 0.00 | 46.48 -1.44 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 42.75 2.68 0.00 | 39.23 2.29 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.30 2.33 0.00 | 42.89 2.62 0.00 | 59.81 3.81 0.00 | 71.52 4.43 0.00 | 59.47 3.47 0.00 | 55.52 3.29 0.00 | 54.83 3.25 0.00 | 53.70 3.28 0.00 | 53.47 3.31 0.00 | 54.50 3.47 0.00 | 55.52 3.29 0.00 | 59.12 3.61 0.00 | 71.63 4.37 0.00 | 93.46 6.20 0.00 | 83.04 5.07 0.00 | 70.83 4.26 0.00 | 64.92 3.79 0.00 | 59.41 3.47 0.00 | 53.74 2.95 0.00 | 50.60 2.68 0.00 |
| PEEKSKILL___ 23653 | 42.51 2.44 0.00 | 38.97 2.03 0.00 | 37.26 1.91 0.00 | 36.97 1.93 0.00 | 39.04 2.07 0.00 | 42.60 2.33 0.00 | 59.13 3.13 0.00 | 70.98 3.89 0.00 | 58.97 2.97 0.00 | 55.10 2.87 0.00 | 54.47 2.89 0.00 | 53.39 2.97 0.00 | 53.17 3.01 0.00 | 54.20 3.17 0.00 | 55.16 2.92 0.00 | 58.68 3.16 0.00 | 70.96 3.70 0.00 | 92.59 5.32 0.00 | 82.10 4.13 0.00 | 70.17 3.59 0.00 | 64.31 3.18 0.00 | 58.91 2.96 0.00 | 53.33 2.54 0.00 | 50.22 2.30 0.00 |
| PGE MADISON___WINDPWR 24146 | 41.75 1.68 0.00 | 38.63 1.70 0.00 | 36.90 1.56 0.00 | 36.48 1.44 0.00 | 38.60 1.63 0.00 | 42.16 1.89 0.00 | 59.86 3.86 0.00 | 72.47 5.37 -0.02 | 60.26 4.26 0.00 | 56.09 3.86 0.00 | 55.19 3.61 0.00 | 53.95 3.53 0.00 | 53.78 3.61 0.00 | 54.61 3.57 0.00 | 56.15 3.92 0.00 | 59.92 4.39 -0.02 | 73.19 5.92 -0.02 | 95.40 8.12 -0.02 | 84.91 6.94 0.00 | 72.37 5.79 0.00 | 66.15 5.01 0.00 | 59.91 3.97 0.00 | 54.50 3.71 0.00 | 51.27 3.35 0.00 |

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| PIERCEFIELD___HYD 23852 | 39.83 -0.24 0.00 | 36.68 -0.26 0.00 | 35.03 -0.32 0.00 | 34.83 -0.21 0.00 | 36.79 -0.18 0.00 | 40.11 -0.16 0.00 | 55.89 -0.11 0.00 | 66.89 -0.20 0.00 | 56.06 0.06 0.00 | 52.12 -0.10 0.00 | 51.58 0.00 0.00 | 50.47 0.05 0.00 | 50.11 -0.05 0.00 | 50.78 -0.26 0.00 | 51.87 -0.37 0.00 | 54.74 -0.78 0.00 | 66.39 -0.87 0.00 | 85.78 -1.48 0.00 | 76.88 -1.09 0.00 | 66.04 -0.53 0.00 | 61.01 -0.12 0.00 | 56.28 0.34 0.00 | 51.20 0.41 0.00 | 48.16 0.24 0.00 |
| PINELAWN_CC_1 323563 | 43.99 3.93 0.00 | 39.85 2.92 0.00 | 38.03 2.69 0.00 | 37.70 2.66 0.00 | 40.08 3.11 0.00 | 43.85 3.58 0.00 | 59.70 3.70 0.00 | 70.78 3.69 0.00 | 59.69 3.70 0.00 | 56.25 4.02 0.00 | 56.59 5.00 -0.01 | 55.01 4.59 0.00 | 55.19 5.02 -0.01 | 56.00 4.95 -0.01 | 59.46 4.86 -2.37 | 60.97 5.44 -0.01 | 73.78 6.52 0.00 | 96.43 9.16 -0.01 | 85.63 7.65 -0.01 | 73.04 6.46 -0.01 | 66.88 5.74 -0.01 | 61.16 5.20 -0.02 | 58.06 4.52 -2.75 | 52.15 4.22 -0.02 |
| PJM_GEN_HTTP_PROXY 323702 | 42.87 2.80 0.00 | 39.11 2.18 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.31 2.33 0.00 | 42.85 2.58 0.00 | 59.53 3.53 0.00 | 71.52 4.43 0.00 | 59.42 3.42 0.00 | 55.52 3.29 0.00 | 54.89 3.30 0.00 | 53.85 3.43 0.00 | 53.67 3.51 0.00 | 54.66 3.62 0.00 | 55.58 3.35 0.00 | 59.12 3.61 0.00 | 71.43 4.17 0.00 | 93.20 5.94 0.00 | 82.49 4.52 0.00 | 70.50 3.93 0.00 | 64.62 3.48 0.00 | 59.19 3.24 0.00 | 53.63 2.84 0.00 | 50.46 2.54 0.00 |
| PJM_GEN_KEystone 24065 | 39.83 -0.24 0.00 | 36.83 -0.11 0.00 | 35.28 -0.07 0.00 | 34.90 -0.14 0.00 | 36.75 -0.22 0.00 | 40.03 -0.24 0.00 | 55.83 -0.17 0.00 | 66.14 -0.94 0.01 | 55.27 -0.73 0.00 | 51.71 -0.52 0.00 | 51.12 -0.47 0.00 | 49.87 -0.55 0.00 | 49.66 -0.50 0.00 | 50.62 -0.41 0.00 | 51.66 -0.57 0.00 | 54.73 -0.78 0.01 | 66.17 -1.08 0.01 | 86.30 -0.96 0.01 | 77.27 -0.70 0.00 | 65.64 -0.93 0.00 | 60.28 -0.86 0.00 | 55.33 -0.61 0.00 | 50.69 -0.10 0.00 | 48.16 0.24 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 43.43 3.37 0.00 | 39.41 2.47 0.00 | 37.61 2.26 0.00 | 37.32 2.28 0.00 | 39.60 2.63 0.00 | 43.29 3.02 0.00 | 58.97 2.97 0.00 | 70.04 2.95 0.00 | 58.97 2.97 0.00 | 55.62 3.39 0.00 | 55.82 4.23 -0.01 | 54.40 3.98 0.00 | 54.53 4.36 -0.01 | 55.18 4.13 -0.02 | 58.18 3.92 -2.03 | 60.02 4.49 -0.02 | 72.64 5.38 0.00 | 94.78 7.51 -0.01 | 84.06 6.09 -0.01 | 71.78 5.20 -0.01 | 65.78 4.64 -0.01 | 60.10 4.14 -0.02 | 56.65 3.50 -2.35 | 51.29 3.35 -0.02 |
| PJM_GEN_VFT_PROXY 323633 | 42.79 2.73 0.00 | 39.15 2.22 0.00 | 37.36 2.01 0.00 | 37.07 2.03 0.00 | 39.19 2.22 0.00 | 42.77 2.50 0.00 | 59.36 3.36 0.00 | 71.32 4.23 0.00 | 59.30 3.30 0.00 | 55.41 3.19 0.00 | 54.83 3.25 0.00 | 53.75 3.33 -0.01 | 53.58 3.41 -0.01 | 54.60 3.57 0.00 | 55.47 3.24 0.00 | 58.96 3.44 0.00 | 71.16 3.90 0.00 | 92.86 5.59 0.00 | 82.18 4.21 0.00 | 70.23 3.66 0.00 | 64.43 3.30 0.00 | 59.07 3.13 0.00 | 53.48 2.69 0.00 | 50.27 2.35 0.00 |
| PLATSBRG_115KV_PMLD1 355749 | 38.74 -1.32 0.00 | 35.68 -1.26 0.00 | 34.11 -1.24 0.00 | 33.89 -1.16 0.00 | 35.79 -1.18 0.00 | 39.02 -1.25 0.00 | 54.54 -1.46 0.00 | 65.21 -1.88 0.00 | 54.60 -1.40 0.00 | 50.82 -1.41 0.00 | 50.29 -1.29 0.00 | 49.21 -1.21 0.00 | 48.86 -1.30 0.00 | 49.45 -1.58 0.00 | 50.77 -1.46 0.00 | 53.96 -1.55 0.00 | 65.65 -1.61 0.00 | 85.00 -2.27 0.00 | 76.02 -1.95 0.00 | 65.04 -1.53 0.00 | 59.91 -1.22 0.00 | 54.88 -1.06 0.00 | 49.78 -1.02 0.00 | 46.86 -1.05 0.00 |
| PLEASANTVLY___LBMP 24000 | 42.23 2.16 0.00 | 38.67 1.74 0.00 | 36.97 1.63 0.00 | 36.72 1.68 0.00 | 38.79 1.81 0.00 | 42.28 2.01 0.00 | 58.91 2.91 0.00 | 70.44 3.35 0.00 | 58.58 2.58 0.00 | 54.68 2.45 0.00 | 54.06 2.48 0.00 | 52.99 2.57 0.00 | 52.77 2.61 0.00 | 53.74 2.70 0.00 | 54.79 2.56 0.00 | 58.23 2.72 0.00 | 70.56 3.30 0.00 | 91.89 4.63 0.00 | 81.56 3.59 0.00 | 69.64 3.06 0.00 | 63.94 2.81 0.00 | 58.52 2.57 0.00 | 53.03 2.23 0.00 | 49.88 1.96 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 42.67 2.60 0.00 | 39.08 2.14 0.00 | 37.33 1.98 0.00 | 37.07 2.03 0.00 | 39.16 2.18 0.00 | 42.72 2.46 0.00 | 59.53 3.53 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.31 3.08 0.00 | 54.68 3.09 0.00 | 53.60 3.18 0.00 | 53.42 3.26 0.00 | 54.40 3.37 0.00 | 55.42 3.19 0.00 | 58.90 3.39 0.00 | 71.36 4.10 0.00 | 93.02 5.76 0.00 | 82.42 4.44 0.00 | 70.43 3.86 0.00 | 64.62 3.48 0.00 | 59.13 3.19 0.00 | 53.53 2.74 0.00 | 50.36 2.44 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 42.67 2.60 0.00 | 39.08 2.14 0.00 | 37.33 1.98 0.00 | 37.07 2.03 0.00 | 39.16 2.18 0.00 | 42.72 2.46 0.00 | 59.53 3.53 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.31 3.08 0.00 | 54.68 3.09 0.00 | 53.60 3.18 0.00 | 53.42 3.26 0.00 | 54.40 3.37 0.00 | 55.42 3.19 0.00 | 58.90 3.39 0.00 | 71.36 4.10 0.00 | 93.02 5.76 0.00 | 82.42 4.44 0.00 | 70.43 3.86 0.00 | 64.62 3.48 0.00 | 59.13 3.19 0.00 | 53.53 2.74 0.00 | 50.36 2.44 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 42.39 2.32 0.00 | 38.89 1.96 0.00 | 37.15 1.80 0.00 | 36.90 1.86 0.00 | 38.97 2.00 0.00 | 42.52 2.25 0.00 | 59.25 3.25 0.00 | 70.91 3.82 0.00 | 59.02 3.02 0.00 | 55.05 2.82 0.00 | 54.32 2.73 0.00 | 53.19 2.77 0.00 | 52.97 2.81 0.00 | 53.94 2.91 0.00 | 55.05 2.82 0.00 | 58.57 3.05 0.00 | 71.09 3.83 0.00 | 92.59 5.32 0.00 | 82.26 4.29 0.00 | 70.23 3.66 0.00 | 64.37 3.24 0.00 | 58.96 3.02 0.00 | 53.33 2.54 0.00 | 50.22 2.30 0.00 |
| POLETTI_____ 23519 | 42.55 2.48 0.00 | 38.93 1.99 0.00 | 37.08 1.73 0.00 | 36.79 1.75 0.00 | 39.82 2.85 0.00 | 43.30 3.02 -0.01 | 60.04 4.03 -0.01 | 71.46 4.36 -0.01 | 59.48 3.47 -0.01 | 55.79 3.55 -0.01 | 55.15 3.56 -0.01 | 53.81 3.38 -0.01 | 53.73 3.56 -0.01 | 54.87 3.83 -0.01 | 54.90 2.66 0.00 | 58.07 2.55 0.00 | 70.08 2.82 0.01 | 91.53 4.28 0.01 | 81.08 3.12 0.01 | 69.16 2.60 0.01 | 63.45 2.32 0.01 | 58.35 2.41 0.00 | 53.28 2.49 0.00 | 49.79 1.87 0.00 |
| POMONA___ESR 323819 | 42.51 2.44 0.00 | 38.97 2.03 0.00 | 37.26 1.91 0.00 | 36.97 1.93 0.00 | 39.04 2.07 0.00 | 42.60 2.33 0.00 | 59.19 3.19 0.00 | 70.98 3.89 0.00 | 58.91 2.91 0.00 | 54.99 2.77 0.00 | 54.37 2.78 0.00 | 53.29 2.87 0.00 | 53.12 2.96 0.00 | 54.10 3.06 0.00 | 55.05 2.82 0.00 | 58.57 3.05 0.00 | 70.89 3.63 0.00 | 92.41 5.15 0.00 | 82.03 4.05 0.00 | 70.03 3.46 0.00 | 64.19 3.06 0.00 | 58.85 2.91 0.00 | 53.28 2.49 0.00 | 50.17 2.25 0.00 |
| PORT_JEFF_3 23555 | 43.91 3.85 0.00 | 39.74 2.81 0.00 | 37.93 2.58 0.00 | 37.60 2.56 0.00 | 39.97 2.99 0.00 | 43.73 3.46 0.00 | 59.42 3.42 0.00 | 69.91 2.82 0.00 | 59.42 3.42 0.00 | 56.09 3.86 0.00 | 56.54 4.95 -0.01 | 54.86 4.44 0.00 | 55.14 4.97 -0.01 | 56.00 4.95 -0.02 | 59.56 4.86 -2.46 | 60.91 5.38 -0.02 | 73.24 5.98 0.00 | 95.65 8.38 -0.01 | 84.92 6.94 -0.01 | 72.50 5.92 -0.01 | 66.52 5.38 -0.01 | 61.14 5.14 -0.06 | 58.12 4.47 -2.86 | 52.10 4.17 -0.02 |
| PORT_JEFF_4 23616 | 43.91 3.85 0.00 | 39.74 2.81 0.00 | 37.93 2.58 0.00 | 37.60 2.56 0.00 | 39.97 2.99 0.00 | 43.73 3.46 0.00 | 59.42 3.42 0.00 | 69.91 2.82 0.00 | 59.42 3.42 0.00 | 56.09 3.86 0.00 | 56.54 4.95 -0.01 | 54.86 4.44 0.00 | 55.14 4.97 -0.01 | 56.00 4.95 -0.02 | 59.56 4.86 -2.46 | 60.91 5.38 -0.02 | 73.24 5.98 0.00 | 95.65 8.38 -0.01 | 84.92 6.94 -0.01 | 72.50 5.92 -0.01 | 66.52 5.38 -0.01 | 61.14 5.14 -0.06 | 58.12 4.47 -2.86 | 52.10 4.17 -0.02 |

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| PORT_JEFF_IC 23713 | 43.99 3.93 0.00 | 39.82 2.88 0.00 | 37.89 2.55 0.00 | 37.67 2.63 0.00 | 40.04 3.07 0.00 | 43.81 3.54 0.00 | 59.92 3.92 0.00 | 70.04 2.95 0.00 | 59.70 3.70 0.00 | 56.20 3.97 0.00 | 56.64 5.06 -0.01 | 54.96 4.54 0.00 | 55.24 5.07 -0.01 | 56.10 5.05 -0.02 | 59.66 4.96 -2.46 | 61.08 5.55 -0.02 | 73.65 6.39 0.00 | 96.09 8.81 -0.01 | 85.31 7.33 -0.01 | 72.77 6.19 -0.01 | 66.95 5.81 -0.01 | 61.32 5.31 -0.06 | 58.26 4.62 -2.85 | 52.20 4.26 -0.02 |
| PPL PILGRIM_ST_GT1 24216 | 44.35 4.29 0.00 | 40.19 3.25 0.00 | 38.35 3.00 0.00 | 38.02 2.98 0.00 | 40.41 3.44 0.00 | 44.22 3.95 0.00 | 60.20 4.20 0.00 | 71.25 4.16 0.00 | 60.14 4.14 0.00 | 56.77 4.54 0.00 | 57.21 5.62 -0.01 | 55.51 5.09 0.00 | 55.79 5.62 -0.01 | 56.66 5.61 -0.02 | 60.32 5.64 -2.44 | 61.69 6.16 -0.02 | 74.59 7.33 0.00 | 97.48 10.21 -0.01 | 86.48 8.50 -0.01 | 73.84 7.26 -0.01 | 67.56 6.42 -0.01 | 61.61 5.65 -0.02 | 58.85 5.23 -2.83 | 52.73 4.79 -0.02 |
| PPL PILGRIM_ST_GT2 24217 | 44.35 4.29 0.00 | 40.19 3.25 0.00 | 38.35 3.00 0.00 | 38.02 2.98 0.00 | 40.41 3.44 0.00 | 44.22 3.95 0.00 | 60.20 4.20 0.00 | 71.25 4.16 0.00 | 60.14 4.14 0.00 | 56.77 4.54 0.00 | 57.21 5.62 -0.01 | 55.51 5.09 0.00 | 55.79 5.62 -0.01 | 56.66 5.61 -0.02 | 60.32 5.64 -2.44 | 61.69 6.16 -0.02 | 74.59 7.33 0.00 | 97.48 10.21 -0.01 | 86.48 8.50 -0.01 | 73.84 7.26 -0.01 | 67.56 6.42 -0.01 | 61.61 5.65 -0.02 | 58.85 5.23 -2.83 | 52.73 4.79 -0.02 |
| PPL_SHRM_GT3 24213 | 44.11 4.04 0.00 | 39.93 2.99 0.00 | 38.07 2.72 0.00 | 37.78 2.74 0.00 | 40.16 3.18 0.00 | 43.93 3.66 0.00 | 59.64 3.64 0.00 | 70.44 3.35 0.00 | 59.64 3.64 0.00 | 56.25 4.02 0.00 | 56.75 5.16 -0.01 | 55.01 4.59 0.00 | 55.29 5.12 -0.01 | 56.26 5.21 -0.02 | 59.92 5.22 -2.46 | 61.30 5.77 -0.02 | 74.12 6.86 0.00 | 96.87 9.60 -0.01 | 86.01 8.03 -0.01 | 73.44 6.86 -0.01 | 67.25 6.11 -0.01 | 61.65 5.65 -0.06 | 58.47 4.83 -2.85 | 52.49 4.55 -0.02 |
| PPL_SHRM_GT4 24214 | 44.11 4.04 0.00 | 39.93 2.99 0.00 | 38.07 2.72 0.00 | 37.78 2.74 0.00 | 40.16 3.18 0.00 | 43.93 3.66 0.00 | 59.64 3.64 0.00 | 70.44 3.35 0.00 | 59.64 3.64 0.00 | 56.25 4.02 0.00 | 56.75 5.16 -0.01 | 55.01 4.59 0.00 | 55.29 5.12 -0.01 | 56.26 5.21 -0.02 | 59.92 5.22 -2.46 | 61.30 5.77 -0.02 | 74.12 6.86 0.00 | 96.87 9.60 -0.01 | 86.01 8.03 -0.01 | 73.44 6.86 -0.01 | 67.25 6.11 -0.01 | 61.65 5.65 -0.06 | 58.47 4.83 -2.85 | 52.49 4.55 -0.02 |
| PROJECT___ORANGE 1 24174 | 39.67 -0.40 0.00 | 36.68 -0.26 0.00 | 35.14 -0.21 0.00 | 34.76 -0.28 0.00 | 36.68 -0.30 0.00 | 39.91 -0.36 0.00 | 55.50 -0.50 0.00 | 66.69 -0.40 0.00 | 55.78 -0.22 0.00 | 52.12 -0.10 0.00 | 51.48 -0.10 0.00 | 50.22 -0.20 0.00 | 49.96 -0.20 0.00 | 50.88 -0.15 0.00 | 52.08 -0.16 0.00 | 55.29 -0.22 0.00 | 66.92 -0.34 0.00 | 86.74 -0.52 0.00 | 77.51 -0.47 0.00 | 66.17 -0.40 0.00 | 60.64 -0.49 0.00 | 55.38 -0.56 0.00 | 50.49 -0.30 0.00 | 47.63 -0.29 0.00 |
| PROJECT___ORANGE 2 24166 | 39.67 -0.40 0.00 | 36.68 -0.26 0.00 | 35.14 -0.21 0.00 | 34.76 -0.28 0.00 | 36.68 -0.30 0.00 | 39.91 -0.36 0.00 | 55.50 -0.50 0.00 | 66.69 -0.40 0.00 | 55.78 -0.22 0.00 | 52.12 -0.10 0.00 | 51.48 -0.10 0.00 | 50.22 -0.20 0.00 | 49.96 -0.20 0.00 | 50.88 -0.15 0.00 | 52.08 -0.16 0.00 | 55.29 -0.22 0.00 | 66.92 -0.34 0.00 | 86.74 -0.52 0.00 | 77.51 -0.47 0.00 | 66.17 -0.40 0.00 | 60.64 -0.49 0.00 | 55.38 -0.56 0.00 | 50.49 -0.30 0.00 | 47.63 -0.29 0.00 |
| PUCKETT___SOLAR 323809 | 40.59 0.52 0.00 | 37.52 0.59 0.00 | 35.91 0.56 0.00 | 35.53 0.49 0.00 | 37.53 0.56 0.00 | 40.87 0.60 0.00 | 57.51 1.51 0.00 | 69.23 2.15 0.00 | 57.68 1.68 0.00 | 53.79 1.57 0.00 | 53.02 1.44 0.00 | 51.78 1.36 0.00 | 51.52 1.35 0.00 | 52.46 1.43 0.00 | 53.75 1.52 0.00 | 57.24 1.72 0.00 | 69.48 2.22 0.00 | 90.58 3.32 0.00 | 80.54 2.57 0.00 | 68.70 2.13 0.00 | 62.96 1.83 0.00 | 57.34 1.40 0.00 | 52.21 1.42 0.00 | 49.26 1.34 0.00 |
| PYRITES___HYD 24023 | 40.51 0.44 0.00 | 37.34 0.41 0.00 | 35.67 0.32 0.00 | 35.43 0.39 0.00 | 37.46 0.48 0.00 | 40.83 0.56 0.00 | 57.06 1.06 0.00 | 68.36 1.27 0.00 | 57.01 1.01 0.00 | 52.80 0.57 0.00 | 52.20 0.62 0.00 | 51.08 0.66 0.00 | 50.77 0.60 0.00 | 51.39 0.36 0.00 | 52.55 0.31 0.00 | 55.63 0.11 0.00 | 67.66 0.40 0.00 | 87.88 0.61 0.00 | 78.91 0.94 0.00 | 67.70 1.13 0.00 | 62.48 1.34 0.00 | 57.45 1.51 0.00 | 52.16 1.37 0.00 | 49.07 1.15 0.00 |
| QUAKERRD_115KV_BK1 80622 | 37.78 -2.28 0.00 | 35.13 -1.81 0.00 | 33.72 -1.63 0.00 | 33.29 -1.75 0.00 | 34.98 -2.00 0.00 | 38.09 -2.17 0.00 | 52.92 -3.08 0.00 | 63.33 -3.76 0.01 | 53.26 -2.74 0.00 | 49.93 -2.30 0.00 | 49.52 -2.06 0.00 | 48.15 -2.27 0.00 | 47.86 -2.31 0.00 | 48.69 -2.35 0.00 | 49.94 -2.30 0.00 | 52.68 -2.83 0.01 | 63.69 -3.56 0.01 | 82.20 -5.06 0.01 | 74.15 -3.82 0.00 | 63.11 -3.46 0.00 | 57.89 -3.24 0.00 | 53.03 -2.91 0.00 | 48.71 -2.08 0.00 | 46.29 -1.63 0.00 |
| QUENSBRY_115KV_TB8 356137 | 42.87 2.80 0.00 | 39.45 2.51 0.00 | 37.75 2.40 0.00 | 37.39 2.35 0.00 | 39.49 2.51 0.00 | 43.21 2.94 0.00 | 60.26 4.26 0.00 | 72.32 5.23 0.00 | 60.03 4.03 0.00 | 55.67 3.45 0.00 | 54.83 3.25 0.00 | 53.50 3.08 0.00 | 53.12 2.96 0.00 | 53.94 2.91 0.00 | 55.47 3.24 0.00 | 59.18 3.66 0.00 | 71.97 4.71 0.00 | 93.81 6.54 0.00 | 83.59 5.61 0.00 | 71.23 4.66 0.00 | 65.84 4.71 0.00 | 60.08 4.14 0.00 | 54.25 3.45 0.00 | 51.18 3.26 0.00 |
| RAMAPO___LBMP 323565 | 42.39 2.32 0.00 | 38.86 1.92 0.00 | 37.11 1.77 0.00 | 36.86 1.82 0.00 | 38.93 1.96 0.00 | 42.48 2.21 0.00 | 59.19 3.19 0.00 | 70.71 3.62 0.00 | 58.80 2.80 0.00 | 54.84 2.61 0.00 | 54.21 2.63 0.00 | 53.14 2.72 0.00 | 52.97 2.81 0.00 | 53.94 2.91 0.00 | 54.95 2.72 0.00 | 58.40 2.89 0.00 | 70.76 3.50 0.00 | 92.24 4.97 0.00 | 81.79 3.82 0.00 | 69.90 3.33 0.00 | 64.13 3.00 0.00 | 58.68 2.74 0.00 | 53.18 2.39 0.00 | 50.03 2.11 0.00 |
| RANKINE____ 23646 | 36.78 -3.29 0.00 | 34.50 -2.44 0.00 | 33.26 -2.09 0.00 | 32.69 -2.35 0.00 | 34.20 -2.77 0.00 | 37.01 -3.26 0.00 | 51.13 -4.87 0.00 | 60.83 -6.24 0.02 | 51.35 -4.65 0.00 | 48.26 -3.97 0.00 | 47.82 -3.77 0.00 | 46.29 -4.13 0.00 | 46.10 -4.06 0.00 | 47.05 -3.98 0.00 | 48.21 -4.02 0.00 | 50.84 -4.66 0.02 | 61.39 -5.85 0.02 | 79.74 -7.50 0.02 | 71.74 -6.24 0.00 | 61.11 -5.46 0.00 | 55.88 -5.26 0.00 | 51.64 -4.31 0.00 | 48.25 -2.54 0.00 | 46.48 -1.44 0.00 |
| RAVENSWOOD_GT2_1 24244 | 42.91 2.84 0.00 | 39.26 2.33 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.89 2.62 0.00 | 59.81 3.81 0.00 | 71.45 4.36 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 53.90 3.48 0.00 | 53.73 3.56 0.00 | 54.71 3.67 0.00 | 55.63 3.40 0.00 | 59.12 3.61 0.00 | 71.50 4.24 0.00 | 93.20 5.93 0.00 | 82.50 4.52 0.00 | 70.50 3.93 0.00 | 64.74 3.61 0.00 | 59.30 3.36 0.00 | 53.74 2.95 0.00 | 50.51 2.59 0.00 |
| RAVENSWOOD_GT2_2 24245 | 42.91 2.84 0.00 | 39.26 2.33 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.89 2.62 0.00 | 59.81 3.81 0.00 | 71.45 4.36 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 53.90 3.48 0.00 | 53.73 3.56 0.00 | 54.71 3.67 0.00 | 55.63 3.40 0.00 | 59.12 3.61 0.00 | 71.50 4.24 0.00 | 93.20 5.93 0.00 | 82.50 4.52 0.00 | 70.50 3.93 0.00 | 64.74 3.61 0.00 | 59.30 3.36 0.00 | 53.74 2.95 0.00 | 50.51 2.59 0.00 |

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| RAVENSWOOD_GT2_3 24246 | 42.91 2.84 0.00 | 39.30 2.36 0.00 | 37.47 2.12 0.00 | 37.21 2.17 0.00 | 39.34 2.37 0.00 | 42.93 2.66 0.00 | 59.81 3.81 0.00 | 71.45 4.36 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 53.95 3.53 0.00 | 53.78 3.61 0.00 | 54.76 3.73 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.50 4.24 0.00 | 93.29 6.02 0.00 | 82.57 4.60 0.00 | 70.50 3.93 0.00 | 64.74 3.61 0.00 | 59.30 3.36 0.00 | 53.79 3.00 0.00 | 50.51 2.59 0.00 |
| RAVENSWOOD_GT2_4 24247 | 42.91 2.84 0.00 | 39.30 2.36 0.00 | 37.47 2.12 0.00 | 37.21 2.17 0.00 | 39.34 2.37 0.00 | 42.93 2.66 0.00 | 59.81 3.81 0.00 | 71.45 4.36 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 53.95 3.53 0.00 | 53.78 3.61 0.00 | 54.76 3.73 0.00 | 55.68 3.45 0.00 | 59.18 3.66 0.00 | 71.50 4.24 0.00 | 93.29 6.02 0.00 | 82.57 4.60 0.00 | 70.50 3.93 0.00 | 64.74 3.61 0.00 | 59.30 3.36 0.00 | 53.79 3.00 0.00 | 50.51 2.59 0.00 |
| RAVENSWOOD_GT3_1 24248 | 42.91 2.84 0.00 | 39.26 2.33 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.89 2.62 0.00 | 59.81 3.81 0.00 | 71.45 4.36 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 53.90 3.48 0.00 | 53.73 3.56 0.00 | 54.71 3.67 0.00 | 55.68 3.45 0.00 | 59.12 3.61 0.00 | 71.50 4.24 0.00 | 93.20 5.93 0.00 | 82.50 4.52 0.00 | 70.50 3.93 0.00 | 64.74 3.61 0.00 | 59.30 3.36 0.00 | 53.74 2.95 0.00 | 50.51 2.59 0.00 |
| RAVENSWOOD_GT3_2 24249 | 42.91 2.84 0.00 | 39.26 2.33 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.89 2.62 0.00 | 59.81 3.81 0.00 | 71.45 4.36 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 53.90 3.48 0.00 | 53.73 3.56 0.00 | 54.71 3.67 0.00 | 55.68 3.45 0.00 | 59.12 3.61 0.00 | 71.50 4.24 0.00 | 93.20 5.93 0.00 | 82.50 4.52 0.00 | 70.50 3.93 0.00 | 64.74 3.61 0.00 | 59.30 3.36 0.00 | 53.74 2.95 0.00 | 50.51 2.59 0.00 |
| RAVENSWOOD_GT3_3 24250 | 42.95 2.88 0.00 | 39.30 2.36 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.38 2.40 0.00 | 42.93 2.66 0.00 | 59.86 3.86 0.00 | 71.52 4.43 0.00 | 59.53 3.53 0.00 | 55.67 3.45 0.00 | 55.09 3.51 0.00 | 54.00 3.58 0.00 | 53.83 3.66 0.00 | 54.81 3.78 0.00 | 55.73 3.50 0.00 | 59.23 3.72 0.00 | 71.57 4.30 0.00 | 93.37 6.11 0.00 | 82.65 4.68 0.00 | 70.57 3.99 0.00 | 64.80 3.67 0.00 | 59.36 3.41 0.00 | 53.84 3.05 0.00 | 50.55 2.64 0.00 |
| RAVENSWOOD_GT3_4 24251 | 42.95 2.88 0.00 | 39.30 2.36 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.38 2.40 0.00 | 42.93 2.66 0.00 | 59.86 3.86 0.00 | 71.52 4.43 0.00 | 59.53 3.53 0.00 | 55.67 3.45 0.00 | 55.09 3.51 0.00 | 54.00 3.58 0.00 | 53.83 3.66 0.00 | 54.81 3.78 0.00 | 55.73 3.50 0.00 | 59.23 3.72 0.00 | 71.57 4.30 0.00 | 93.37 6.11 0.00 | 82.65 4.68 0.00 | 70.57 3.99 0.00 | 64.80 3.67 0.00 | 59.36 3.41 0.00 | 53.84 3.05 0.00 | 50.55 2.64 0.00 |
| RAVENSWOOD_GT_1 23729 | 42.99 2.92 0.00 | 39.37 2.44 0.00 | 37.54 2.19 0.00 | 37.25 2.21 0.00 | 39.49 2.51 0.00 | 43.01 2.74 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.36 3.36 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 53.90 3.48 0.00 | 53.73 3.56 0.00 | 54.76 3.73 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.15 3.90 0.01 | 92.84 5.58 0.01 | 82.10 4.13 0.01 | 70.16 3.59 0.01 | 64.43 3.30 0.01 | 59.13 3.19 0.00 | 53.84 3.05 0.00 | 50.51 2.59 0.00 |
| RAVENSWOOD_GT_10 24258 | 42.91 2.84 0.00 | 39.26 2.33 0.00 | 37.47 2.12 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.89 2.62 0.00 | 59.81 3.81 0.00 | 71.45 4.36 0.00 | 59.47 3.47 0.00 | 55.62 3. | | | | | | | | | | | | | | |

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| RAVENSWOOD___1 23533 | 42.95 2.89 0.00 | 39.33 2.40 0.00 | 37.54 2.19 0.00 | 37.25 2.21 0.00 | 39.49 2.52 0.00 | 42.97 2.70 0.00 | 59.42 3.42 0.00 | 71.18 4.09 0.00 | 59.30 3.30 0.00 | 55.57 3.35 0.00 | 54.99 3.40 0.00 | 53.90 3.48 -0.01 | 53.73 3.56 -0.01 | 54.76 3.72 0.00 | 55.58 3.35 0.00 | 58.96 3.44 0.00 | 71.08 3.83 0.01 | 92.76 5.50 0.01 | 82.10 4.13 0.01 | 70.16 3.59 0.01 | 64.36 3.24 0.01 | 59.07 3.13 0.00 | 53.74 2.94 0.00 | 50.46 2.54 0.00 |
| RAVENSWOOD___2 23534 | 42.95 2.89 0.00 | 39.33 2.40 0.00 | 37.54 2.19 0.00 | 37.22 2.17 0.00 | 39.45 2.48 0.00 | 42.97 2.70 0.00 | 59.42 3.42 0.00 | 71.11 4.03 0.00 | 59.30 3.30 0.00 | 55.57 3.35 0.00 | 54.93 3.35 0.00 | 53.86 3.43 -0.01 | 53.68 3.51 -0.01 | 54.76 3.72 0.00 | 55.58 3.35 0.00 | 58.96 3.44 0.00 | 71.02 3.76 0.01 | 92.76 5.50 0.01 | 82.09 4.13 0.01 | 70.16 3.59 0.01 | 64.30 3.18 0.01 | 59.07 3.13 0.00 | 53.69 2.89 0.00 | 50.46 2.54 0.00 |
| RAVENSWOOD___3 23535 | 42.87 2.80 0.00 | 39.26 2.33 0.00 | 37.50 2.16 0.00 | 37.18 2.14 0.00 | 39.34 2.37 0.00 | 42.88 2.62 0.00 | 59.53 3.53 0.00 | 71.45 4.36 0.00 | 59.47 3.47 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 53.96 3.53 -0.01 | 53.73 3.56 -0.01 | 54.76 3.72 0.00 | 55.68 3.45 0.00 | 59.12 3.61 0.00 | 71.36 4.10 0.00 | 93.20 5.94 0.00 | 82.49 4.52 0.00 | 70.50 3.93 0.00 | 64.62 3.48 0.00 | 59.24 3.30 0.00 | 53.74 2.94 0.00 | 50.51 2.59 0.00 |
| RAVENSWOOD___4 23820 | 42.91 2.84 0.00 | 39.33 2.40 0.00 | 37.54 2.19 0.00 | 37.21 2.17 0.00 | 39.45 2.48 0.00 | 42.97 2.70 0.00 | 59.36 3.36 0.00 | 71.11 4.03 0.00 | 59.30 3.30 0.00 | 55.57 3.35 0.00 | 54.93 3.35 0.00 | 53.86 3.43 -0.01 | 53.68 3.51 -0.01 | 54.76 3.72 0.00 | 55.58 3.35 0.00 | 58.96 3.44 0.00 | 71.02 3.76 0.01 | 92.76 5.50 0.01 | 82.09 4.13 0.01 | 70.16 3.59 0.01 | 64.30 3.18 0.01 | 59.07 3.13 0.00 | 53.69 2.89 0.00 | 50.41 2.49 0.00 |
| RCPL_TRUST___DRP 24196 | 42.95 2.88 0.00 | 39.19 2.25 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.34 2.37 0.00 | 42.93 2.66 0.00 | 59.92 3.92 0.00 | 71.65 4.56 0.00 | 59.53 3.53 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 53.95 3.53 0.00 | 53.78 3.61 0.00 | 54.76 3.73 0.00 | 55.68 3.45 0.00 | 59.23 3.72 0.00 | 71.63 4.37 0.00 | 93.37 6.11 0.00 | 82.65 4.68 0.00 | 70.57 3.99 0.00 | 64.80 3.67 0.00 | 59.30 3.36 0.00 | 53.74 2.95 0.00 | 50.55 2.64 0.00 |
| RED___ROCHESTER 323720 | 38.62 -1.44 0.00 | 35.97 -0.96 0.00 | 34.43 -0.92 0.00 | 34.06 -0.98 0.00 | 35.72 -1.26 0.00 | 38.94 -1.33 0.00 | 54.77 -1.23 0.00 | 64.73 -2.35 0.01 | 54.54 -1.46 0.00 | 51.13 -1.10 0.00 | 50.86 -0.72 0.00 | 49.36 -1.06 0.00 | 49.01 -1.15 0.00 | 49.91 -1.12 0.00 | 51.24 -0.99 0.00 | 53.95 -1.55 0.01 | 65.37 -1.88 0.01 | 84.20 -3.06 0.01 | 76.65 -1.33 0.00 | 64.71 -1.86 0.00 | 59.54 -1.59 0.00 | 54.49 -1.45 0.00 | 50.13 -0.66 0.00 | 47.68 -0.24 0.00 |
| REGAN___SOLAR 323812 | 42.11 2.04 0.00 | 38.74 1.81 0.00 | 37.04 1.70 0.00 | 36.72 1.68 0.00 | 38.79 1.81 0.00 | 42.52 2.25 0.00 | 59.70 3.70 0.00 | 71.45 4.36 0.00 | 58.58 2.58 0.00 | 53.85 1.62 0.00 | 52.82 1.24 0.00 | 51.58 1.16 0.00 | 51.32 1.15 0.00 | 52.46 1.43 0.00 | 54.27 2.04 0.00 | 58.40 2.88 0.00 | 71.50 4.24 0.00 | 93.37 6.11 0.00 | 82.73 4.76 0.00 | 70.50 3.93 0.00 | 64.92 3.79 0.00 | 59.30 3.36 0.00 | 53.48 2.69 0.00 | 50.36 2.44 0.00 |
| RENSSELAER___COGEN 23796 | 41.03 0.96 0.00 | 37.79 0.85 0.00 | 36.16 0.81 0.00 | 35.81 0.77 0.00 | 37.79 0.81 0.00 | 41.11 0.85 0.00 | 56.67 0.67 0.00 | 68.03 0.94 0.00 | 56.56 0.56 0.00 | 52.64 0.42 0.00 | 51.95 0.36 0.00 | 50.87 0.45 0.00 | 50.67 0.50 0.00 | 51.54 0.51 0.00 | 52.81 0.58 0.00 | 56.18 0.67 0.00 | 68.07 0.81 0.00 | 88.49 1.22 0.00 | 78.83 0.86 0.00 | 67.31 0.73 0.00 | 61.87 0.74 0.00 | 56.56 0.62 0.00 | 51.20 0.40 0.00 | 48.50 0.58 0.00 |
| REPUBLIC_115KV_BARTNBK 55605 | 44.43 4.37 0.00 | 40.89 3.95 0.00 | 39.13 3.78 0.00 | 38.72 3.68 0.00 | 40.86 3.88 0.00 | 44.86 4.59 0.00 | 62.72 6.72 0.00 | 75.41 8.32 0.00 | 62.22 6.22 0.00 | 57.55 5.33 0.00 | 56.69 5.11 0.00 | 55.16 4.74 0.00 | 54.68 4.51 0.00 | 55.63 4.59 0.00 | 57.30 5.07 0.00 | 61.23 5.72 0.00 | 74.73 7.47 0.00 | 97.74 10.47 0.00 | 87.25 9.28 0.00 | 74.30 7.72 0.00 | 68.77 7.64 0.00 | 62.60 6.66 0.00 | 56.38 5.59 0.00 | 53.19 5.27 0.00 |
| REVERE_CPPR_DRP 24186 | 41.27 1.20 0.00 | 38.08 1.15 0.00 | 36.44 1.10 0.00 | 36.06 1.02 0.00 | 38.16 1.18 0.00 | 41.60 1.33 0.00 | 58.07 2.07 0.00 | 69.97 2.88 0.00 | 58.41 2.41 0.00 | 54.47 2.25 0.00 | 53.80 2.22 0.00 | 52.54 2.12 0.00 | 52.32 2.16 0.00 | 53.18 2.14 0.00 | 54.48 2.25 0.00 | 57.85 2.33 0.00 | 70.22 2.96 0.00 | 91.10 3.84 0.00 | 81.56 3.59 0.00 | 69.57 3.00 0.00 | 63.76 2.63 0.00 | 58.24 2.29 0.00 | 52.87 2.08 0.00 | 49.74 1.82 0.00 |
| REYNLDPA_13_KV_LD 356490 | 39.79 -0.28 0.00 | 36.64 -0.30 0.00 | 35.06 -0.28 0.00 | 34.83 -0.21 0.00 | 36.75 -0.22 0.00 | 40.07 -0.20 0.00 | 55.89 -0.11 0.00 | 66.75 -0.33 0.00 | 55.83 -0.17 0.00 | 52.02 -0.21 0.00 | 51.43 -0.15 0.00 | 50.32 -0.10 0.00 | 49.96 -0.20 0.00 | 50.68 -0.35 0.00 | 51.92 -0.31 0.00 | 55.18 -0.33 0.00 | 67.06 -0.20 0.00 | 86.74 -0.52 0.00 | 77.59 -0.39 0.00 | 66.37 -0.20 0.00 | 61.13 0.00 0.00 | 56.06 0.11 0.00 | 50.84 0.05 0.00 | 47.92 0.00 0.00 |
| REYNOLDS_115KV_TB3 80639 | 41.31 1.24 0.00 | 38.01 1.07 0.00 | 36.37 1.03 0.00 | 36.06 1.02 0.00 | 38.05 1.07 0.00 | 41.44 1.17 0.00 | 57.29 1.29 0.00 | 68.63 1.54 0.00 | 57.12 1.12 0.00 | 53.17 0.94 0.00 | 52.41 0.83 0.00 | 51.28 0.86 0.00 | 51.07 0.90 0.00 | 52.00 0.97 0.00 | 53.28 1.04 0.00 | 56.74 1.22 0.00 | 68.74 1.48 0.00 | 89.36 2.09 0.00 | 79.61 1.64 0.00 | 67.97 1.40 0.00 | 62.48 1.34 0.00 | 57.12 1.17 0.00 | 51.71 0.91 0.00 | 48.93 1.01 0.00 |
| RIVERBAY____ 323610 | 43.47 3.41 0.00 | 39.78 2.84 0.00 | 37.93 2.58 0.00 | 37.64 2.59 0.00 | 40.12 3.14 0.00 | 43.57 3.30 0.00 | 60.48 4.48 0.00 | 71.99 4.90 0.00 | 59.92 3.92 0.00 | 56.09 3.86 0.00 | 55.45 3.87 0.00 | 54.10 3.68 0.00 | 53.98 3.81 0.00 | 55.17 4.13 0.00 | 55.94 3.71 0.00 | 59.18 3.66 0.00 | 71.49 4.24 0.01 | 93.37 6.11 0.01 | 82.72 4.76 0.01 | 70.56 3.99 0.01 | 64.67 3.55 0.01 | 59.47 3.52 0.00 | 54.40 3.61 0.00 | 50.84 2.92 0.00 |
| RIVERSDE_115KV_TB3 55908 | 41.19 1.12 0.00 | 37.93 1.00 0.00 | 36.27 0.92 0.00 | 35.92 0.88 0.00 | 37.90 0.92 0.00 | 41.23 0.97 0.00 | 56.90 0.90 0.00 | 68.23 1.14 0.00 | 56.73 0.73 0.00 | 52.85 0.63 0.00 | 52.15 0.57 0.00 | 51.08 0.66 0.00 | 50.87 0.70 0.00 | 51.80 0.77 0.00 | 53.02 0.78 0.00 | 56.46 0.94 0.00 | 68.40 1.14 0.00 | 88.84 1.57 0.00 | 79.22 1.25 0.00 | 67.57 1.00 0.00 | 62.17 1.04 0.00 | 56.84 0.90 0.00 | 51.40 0.61 0.00 | 48.69 0.77 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 38.94 -1.12 0.00 | 35.90 -1.03 0.00 | 34.32 -1.03 0.00 | 34.06 -0.98 0.00 | 35.94 -1.04 0.00 | 39.18 -1.09 0.00 | 54.49 -1.51 0.00 | 65.34 -1.74 0.00 | 54.54 -1.46 0.00 | 50.87 -1.36 0.00 | 50.24 -1.34 0.00 | 49.16 -1.26 0.00 | 48.86 -1.30 0.00 | 49.66 -1.38 0.00 | 50.88 -1.36 0.00 | 54.18 -1.33 0.00 | 65.78 -1.48 0.00 | 85.43 -1.84 0.00 | 76.33 -1.64 0.00 | 65.24 -1.33 0.00 | 59.97 -1.16 0.00 | 54.94 -1.01 0.00 | 49.88 -0.91 0.00 | 47.10 -0.81 0.00 |

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| ROCHESRG_115KV_T4 355643 | 38.22 -1.84 0.00 | 35.61 -1.33 0.00 | 34.22 -1.13 0.00 | 33.75 -1.30 0.00 | 35.42 -1.55 0.00 | 38.54 -1.73 0.00 | 53.42 -2.58 0.00 | 63.86 -3.22 0.01 | 53.76 -2.24 0.00 | 50.45 -1.78 0.00 | 50.09 -1.50 0.00 | 48.66 -1.76 0.00 | 48.31 -1.86 0.00 | 49.20 -1.84 0.00 | 50.46 -1.78 0.00 | 53.17 -2.33 0.01 | 64.16 -3.09 0.01 | 82.72 -4.54 0.01 | 74.85 -3.12 0.00 | 63.71 -2.86 0.00 | 58.44 -2.69 0.00 | 53.59 -2.35 0.00 | 49.42 -1.37 0.00 | 47.10 -0.81 0.00 |
| ROCHESTER_9_IC 23652 | 38.42 -1.64 0.00 | 35.83 -1.11 0.00 | 34.39 -0.95 0.00 | 33.96 -1.09 0.00 | 35.61 -1.37 0.00 | 38.78 -1.49 0.00 | 53.82 -2.18 0.00 | 64.40 -2.68 0.01 | 54.21 -1.79 0.00 | 50.92 -1.31 0.00 | 50.55 -1.03 0.00 | 49.11 -1.31 0.00 | 48.76 -1.40 0.00 | 49.66 -1.38 0.00 | 50.93 -1.31 0.00 | 53.62 -1.89 0.01 | 64.76 -2.49 0.01 | 83.51 -3.75 0.01 | 75.48 -2.50 0.00 | 64.24 -2.33 0.00 | 58.93 -2.20 0.00 | 54.04 -1.90 0.00 | 49.83 -0.97 0.00 | 47.44 -0.48 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 42.87 2.80 0.00 | 39.26 2.33 0.00 | 37.50 2.16 0.00 | 37.25 2.21 0.00 | 39.34 2.37 0.00 | 42.93 2.66 0.00 | 59.86 3.86 0.00 | 71.58 4.49 0.00 | 59.58 3.58 0.00 | 55.62 3.39 0.00 | 55.04 3.46 0.00 | 53.95 3.53 0.00 | 53.78 3.61 0.00 | 54.76 3.73 0.00 | 55.73 3.50 0.00 | 59.29 3.77 0.00 | 71.77 4.51 0.00 | 93.55 6.28 0.00 | 82.89 4.91 0.00 | 70.83 4.26 0.00 | 64.98 3.85 0.00 | 59.47 3.52 0.00 | 53.84 3.05 0.00 | 50.65 2.73 0.00 |
| ROME____115KV_TB2 80656 | 41.27 1.20 0.00 | 38.08 1.15 0.00 | 36.44 1.10 0.00 | 36.06 1.02 0.00 | 38.16 1.18 0.00 | 41.60 1.33 0.00 | 58.07 2.07 0.00 | 69.97 2.88 0.00 | 58.41 2.41 0.00 | 54.47 2.25 0.00 | 53.80 2.22 0.00 | 52.54 2.12 0.00 | 52.32 2.16 0.00 | 53.18 2.14 0.00 | 54.48 2.25 0.00 | 57.85 2.33 0.00 | 70.22 2.96 0.00 | 91.10 3.84 0.00 | 81.56 3.59 0.00 | 69.57 3.00 0.00 | 63.76 2.63 0.00 | 58.24 2.29 0.00 | 52.87 2.08 0.00 | 49.74 1.82 0.00 |
| ROSETON___1 23587 | 42.19 2.12 0.00 | 38.67 1.74 0.00 | 37.01 1.66 0.00 | 36.72 1.68 0.00 | 38.79 1.81 0.00 | 42.28 2.01 0.00 | 58.74 2.74 0.00 | 70.44 3.35 0.00 | 58.58 2.58 0.00 | 54.68 2.46 0.00 | 54.06 2.48 0.00 | 52.94 2.52 0.00 | 52.77 2.61 0.00 | 53.74 2.70 0.00 | 54.74 2.51 0.00 | 58.23 2.72 0.00 | 70.49 3.23 0.00 | 91.80 4.53 0.00 | 81.56 3.59 0.00 | 69.64 3.06 0.00 | 63.89 2.75 0.00 | 58.52 2.57 0.00 | 52.97 2.18 0.00 | 49.93 2.01 0.00 |
| ROSETON___2 23588 | 42.19 2.12 0.00 | 38.67 1.74 0.00 | 37.01 1.66 0.00 | 36.72 1.68 0.00 | 38.79 1.81 0.00 | 42.28 2.01 0.00 | 58.74 2.74 0.00 | 70.44 3.35 0.00 | 58.58 2.58 0.00 | 54.68 2.46 0.00 | 54.06 2.48 0.00 | 52.94 2.52 0.00 | 52.77 2.61 0.00 | 53.74 2.70 0.00 | 54.74 2.51 0.00 | 58.23 2.72 0.00 | 70.49 3.23 0.00 | 91.80 4.53 0.00 | 81.56 3.59 0.00 | 69.64 3.06 0.00 | 63.89 2.75 0.00 | 58.52 2.57 0.00 | 52.97 2.18 0.00 | 49.93 2.01 0.00 |
| ROTRRDAM_115KV_TB3 80664 | 41.43 1.36 0.00 | 38.12 1.18 0.00 | 36.48 1.13 0.00 | 36.16 1.12 0.00 | 38.16 1.18 0.00 | 41.64 1.37 0.00 | 57.96 1.96 0.00 | 69.44 2.35 0.00 | 57.74 1.74 0.00 | 53.74 1.51 0.00 | 52.97 1.39 0.00 | 51.78 1.36 0.00 | 51.52 1.35 0.00 | 52.46 1.43 0.00 | 53.75 1.51 0.00 | 57.29 1.78 0.00 | 69.48 2.22 0.00 | 90.32 3.05 0.00 | 80.55 2.57 0.00 | 68.70 2.13 0.00 | 63.21 2.08 0.00 | 57.79 1.85 0.00 | 52.32 1.52 0.00 | 49.36 1.44 0.00 |
| RUSSELL___1 23602 | 38.58 -1.48 0.00 | 35.98 -0.96 0.00 | 34.53 -0.81 0.00 | 34.06 -0.98 0.00 | 35.72 -1.26 0.00 | 38.94 -1.33 0.00 | 54.10 -1.90 0.00 | 64.73 -2.35 0.01 | 54.49 -1.51 0.00 | 51.13 -1.10 0.00 | 50.86 -0.72 0.00 | 49.36 -1.06 0.00 | 49.01 -1.15 0.00 | 49.91 -1.12 0.00 | 51.24 -0.99 0.00 | 53.95 -1.55 0.01 | 65.10 -2.15 0.01 | 84.03 -3.23 0.01 | 75.95 -2.03 0.00 | 64.64 -1.93 0.00 | 59.24 -1.90 0.00 | 54.32 -1.62 0.00 | 50.08 -0.71 0.00 | 47.68 -0.24 0.00 |
| RUSSELL___2 23532 | 38.58 -1.48 0.00 | 35.98 -0.96 0.00 | 34.53 -0.81 0.00 | 34.06 -0.98 0.00 | 35.72 -1.26 0.00 | 38.94 -1.33 0.00 | 54.10 -1.90 0.00 | 64.73 -2.35 0.01 | 54.49 -1.51 0.00 | 51.13 -1.10 0.00 | 50.86 -0.72 0.00 | 49.36 -1.06 0.00 | 49.01 -1.15 0.00 | 49.91 -1.12 0.00 | 51.24 -0.99 0.00 | 53.95 -1.55 0.01 | 65.10 -2.15 0.01 | 84.03 -3.23 0.01 | 75.95 -2.03 0.00 | 64.64 -1.93 0.00 | 59.24 -1.90 0.00 | 54.32 -1.62 0.00 | 50.08 -0.71 0.00 | 47.68 -0.24 0.00 |
| RUSSELL___3 23549 | 38.58 -1.48 0.00 | 35.98 -0.96 0.00 | 34.53 -0.81 0.00 | 34.06 -0.98 0.00 | 35.72 -1.26 0.00 | 38.94 -1.33 0.00 | 54.10 -1.90 0.00 | 64.73 -2.35 0.01 | 54.49 -1.51 0.00 | 51.13 -1.10 0.00 | 50.86 -0.72 0.00 | 49.36 -1.06 0.00 | 49.01 -1.15 0.00 | 49.91 -1.12 0.00 | 51.24 -0.99 0.00 | 53.95 -1.55 0.01 | 65.10 -2.15 0.01 | 84.03 -3.23 0.01 | 75.95 -2.03 0.00 | 64.64 -1.93 0.00 | 59.24 -1.90 0.00 | 54.32 -1.62 0.00 | 50.08 -0.71 0.00 | 47.68 -0.24 0.00 |
| RUSSELL___4 23556 | 38.58 -1.48 0.00 | 35.98 -0.96 0.00 | 34.53 -0.81 0.00 | 34.06 -0.98 0.00 | 35.72 -1.26 0.00 | 38.94 -1.33 0.00 | 54.10 -1.90 0.00 | 64.73 -2.35 0.01 | 54.49 -1.51 0.00 | 51.13 -1.10 0.00 | 50.86 -0.72 0.00 | 49.36 -1.06 0.00 | 49.01 -1.15 0.00 | 49.91 -1.12 0.00 | 51.24 -0.99 0.00 | 53.95 -1.55 0.01 | 65.10 -2.15 0.01 | 84.03 -3.23 0.01 | 75.95 -2.03 0.00 | 64.64 -1.93 0.00 | 59.24 -1.90 0.00 | 54.32 -1.62 0.00 | 50.08 -0.71 0.00 | 47.68 -0.24 0.00 |
| RUSSELL___STATION 23914 | 38.58 -1.48 0.00 | 35.98 -0.96 0.00 | 34.53 -0.81 0.00 | 34.06 -0.98 0.00 | 35.72 -1.26 0.00 | 38.94 -1.33 0.00 | 54.10 -1.90 0.00 | 64.73 -2.35 0.01 | 54.49 -1.51 0.00 | 51.13 -1.10 0.00 | 50.86 -0.72 0.00 | 49.36 -1.06 0.00 | 49.01 -1.15 0.00 | 49.91 -1.12 0.00 | 51.24 -0.99 0.00 | 53.95 -1.55 0.01 | 65.10 -2.15 0.01 | 84.03 -3.23 0.01 | 75.95 -2.03 0.00 | 64.64 -1.93 0.00 | 59.24 -1.90 0.00 | 54.32 -1.62 0.00 | 50.08 -0.71 0.00 | 47.68 -0.24 0.00 |
| S SALMON___HYD 24043 | 39.59 -0.48 0.00 | 36.60 -0.33 0.00 | 35.03 -0.32 0.00 | 34.66 -0.38 0.00 | 36.61 -0.37 0.00 | 39.83 -0.44 0.00 | 55.49 -0.51 0.00 | 66.69 -0.40 0.00 | 55.61 -0.39 0.00 | 52.07 -0.16 0.00 | 51.38 -0.21 0.00 | 50.17 -0.25 0.00 | 49.91 -0.25 0.00 | 50.73 -0.30 0.00 | 51.97 -0.26 0.00 | 55.07 -0.45 0.00 | 66.72 -0.54 0.00 | 86.56 -0.70 0.00 | 77.66 -0.31 0.00 | 66.31 -0.27 0.00 | 60.77 -0.36 0.00 | 55.61 -0.33 0.00 | 50.59 -0.20 0.00 | 47.63 -0.29 0.00 |
| S.PERRY__115KV_TB1 80734 | 38.62 -1.44 0.00 | 36.09 -0.85 0.00 | 34.71 -0.64 0.00 | 34.20 -0.84 0.00 | 35.87 -1.11 0.00 | 39.14 -1.13 0.00 | 54.71 -1.29 0.00 | 65.53 -1.54 0.02 | 54.88 -1.12 0.00 | 51.13 -1.10 0.00 | 50.45 -1.13 0.00 | 48.76 -1.66 0.00 | 48.31 -1.86 0.00 | 49.40 -1.63 0.00 | 50.77 -1.46 0.00 | 53.72 -1.78 0.02 | 63.07 -4.17 0.02 | 82.10 -5.15 0.02 | 74.23 -3.74 0.00 | 63.44 -3.13 0.00 | 58.14 -3.00 0.00 | 53.20 -2.74 0.00 | 51.05 0.25 0.00 | 48.69 0.77 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 36.70 -3.37 0.00 | 34.46 -2.47 0.00 | 33.19 -2.16 0.00 | 32.62 -2.42 0.00 | 34.13 -2.85 0.00 | 36.93 -3.34 0.00 | 50.85 -5.15 0.00 | 60.43 -6.64 0.01 | 51.07 -4.93 0.00 | 48.15 -4.07 0.00 | 47.66 -3.92 0.00 | 46.18 -4.24 0.00 | 45.95 -4.21 0.00 | 46.90 -4.13 0.00 | 48.05 -4.18 0.00 | 50.50 -5.00 0.01 | 60.92 -6.32 0.01 | 78.70 -8.55 0.01 | 71.27 -6.71 0.00 | 60.65 -5.93 0.00 | 55.51 -5.62 0.00 | 51.30 -4.64 0.00 | 47.90 -2.90 0.00 | 46.15 -1.77 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 36.70 -3.37 0.00 | 34.46 -2.47 0.00 | 33.19 -2.16 0.00 | 32.62 -2.42 0.00 | 34.13 -2.85 0.00 | 36.93 -3.34 0.00 | 50.85 -5.15 0.00 | 60.43 -6.64 0.01 | 51.07 -4.93 0.00 | 48.15 -4.07 0.00 | 47.66 -3.92 0.00 | 46.18 -4.24 0.00 | 45.95 -4.21 0.00 | 46.90 -4.13 0.00 | 48.05 -4.18 0.00 | 50.50 -5.00 0.01 | 60.92 -6.32 0.01 | 78.70 -8.55 0.01 | 71.27 -6.71 0.00 | 60.65 -5.93 0.00 | 55.51 -5.62 0.00 | 51.30 -4.64 0.00 | 47.90 -2.90 0.00 | 46.15 -1.77 0.00 |
| SELKIRK___I 23801 | 41.35 1.28 0.00 | 38.08 1.15 0.00 | 36.41 1.06 0.00 | 36.09 1.05 0.00 | 38.08 1.11 0.00 | 41.47 1.21 0.00 | 57.40 1.40 0.00 | 68.77 1.68 0.00 | 57.29 1.29 0.00 | 53.27 1.04 0.00 | 52.46 0.88 0.00 | 51.28 0.86 0.00 | 51.07 0.90 0.00 | 52.00 0.97 0.00 | 53.33 1.10 0.00 | 56.84 1.33 0.00 | 68.94 1.68 0.00 | 89.71 2.44 0.00 | 79.92 1.95 0.00 | 68.30 1.73 0.00 | 62.78 1.65 0.00 | 57.40 1.45 0.00 | 52.01 1.22 0.00 | 49.16 1.24 0.00 |
| SELKIRK___II 23799 | 41.03 0.96 0.00 | 37.79 0.85 0.00 | 36.16 0.81 0.00 | 35.85 0.81 0.00 | 37.83 0.85 0.00 | 41.15 0.88 0.00 | 56.89 0.89 0.00 | 68.23 1.14 0.00 | 56.84 0.84 0.00 | 52.90 0.68 0.00 | 52.20 0.62 0.00 | 51.07 0.65 0.00 | 50.87 0.70 0.00 | 51.75 0.71 0.00 | 53.02 0.78 0.00 | 56.40 0.89 0.00 | 68.33 1.07 0.00 | 88.84 1.57 0.00 | 79.14 1.17 0.00 | 67.64 1.06 0.00 | 62.11 0.98 0.00 | 56.84 0.89 0.00 | 51.45 0.66 0.00 | 48.68 0.76 0.00 |
| SENECA OSWGO___HYD 24041 | 39.26 -0.80 0.00 | 36.27 -0.66 0.00 | 34.78 -0.57 0.00 | 34.41 -0.63 0.00 | 36.31 -0.66 0.00 | 39.50 -0.77 0.00 | 55.05 -0.95 0.00 | 66.01 -1.08 0.00 | 55.16 -0.84 0.00 | 51.50 -0.73 0.00 | 50.86 -0.72 0.00 | 49.61 -0.81 0.00 | 49.36 -0.80 0.00 | 50.22 -0.82 0.00 | 51.45 -0.78 0.00 | 54.68 -0.83 0.00 | 66.18 -1.08 0.00 | 85.78 -1.48 0.00 | 76.81 -1.17 0.00 | 65.51 -1.07 0.00 | 60.03 -1.10 0.00 | 54.88 -1.06 0.00 | 49.88 -0.91 0.00 | 47.06 -0.86 0.00 |
| SENECA___115KV_TB3 355854 | 36.86 -3.21 0.00 | 34.54 -2.40 0.00 | 33.12 -2.23 0.00 | 32.73 -2.31 0.00 | 34.24 -2.74 0.00 | 37.04 -3.22 0.00 | 52.19 -3.81 0.00 | 60.97 -6.10 0.02 | 51.47 -4.53 0.00 | 48.36 -3.86 0.00 | 47.87 -3.71 0.00 | 46.38 -4.04 0.00 | 46.15 -4.01 0.00 | 47.15 -3.88 0.00 | 48.32 -3.92 0.00 | 50.89 -4.61 0.02 | 61.33 -5.92 0.02 | 79.83 -7.42 0.02 | 72.75 -5.22 0.00 | 61.18 -5.39 0.00 | 56.24 -4.89 0.00 | 51.86 -4.08 0.00 | 48.41 -2.39 0.00 | 46.53 -1.39 0.00 |
| SENECA___ENERGY 23797 | 39.35 -0.72 0.00 | 36.45 -0.48 0.00 | 34.93 -0.42 0.00 | 34.55 -0.49 0.00 | 36.42 -0.55 0.00 | 39.70 -0.56 0.00 | 55.61 -0.39 0.00 | 66.42 -0.67 0.00 | 55.67 -0.33 0.00 | 52.02 -0.21 0.00 | 51.48 -0.10 0.00 | 50.12 -0.30 0.00 | 49.82 -0.35 0.00 | 50.73 -0.30 0.00 | 51.92 -0.31 0.00 | 55.07 -0.45 0.00 | 66.72 -0.54 0.00 | 86.39 -0.87 0.00 | 77.66 -0.31 0.00 | 66.04 -0.53 0.00 | 60.58 -0.55 0.00 | 55.33 -0.61 0.00 | 50.44 -0.35 0.00 | 47.68 -0.24 0.00 |
| SHOEMAKER___GT 23640 | 42.03 1.96 0.00 | 38.60 1.66 0.00 | 36.90 1.55 0.00 | 36.62 1.58 0.00 | 38.68 1.70 0.00 | 42.16 1.89 0.00 | 58.63 2.63 0.00 | 70.31 3.22 0.00 | 58.46 2.46 0.00 | 54.52 2.30 0.00 | 53.80 2.22 0.00 | 52.69 2.27 0.00 | 52.47 2.31 0.00 | 53.48 2.45 0.00 | 54.53 2.30 0.00 | 58.01 2.50 0.00 | 70.36 3.10 0.00 | 91.63 4.36 0.00 | 81.49 3.51 0.00 | 69.57 3.00 0.00 | 63.76 2.63 0.00 | 58.40 2.46 0.00 | 52.92 2.13 0.00 | 49.84 1.92 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 42.07 2.00 0.00 | 38.60 1.66 0.00 | 36.87 1.52 0.00 | 36.62 1.58 0.00 | 38.68 1.70 0.00 | 42.16 1.89 0.00 | 58.80 2.80 0.00 | 70.31 3.22 0.00 | 58.46 2.46 0.00 | 54.53 2.30 0.00 | 53.85 2.27 0.00 | 52.74 2.32 0.00 | 52.52 2.36 0.00 | 53.48 2.45 0.00 | 54.53 2.30 0.00 | 58.01 2.50 0.00 | 70.35 3.09 0.00 | 91.63 4.36 0.00 | 81.48 3.51 0.00 | 69.57 3.00 0.00 | 63.82 2.69 0.00 | 58.40 2.46 0.00 | 52.92 2.13 0.00 | 49.84 1.92 0.00 |
| SHOREHAM_IC_1 23715 | 44.11 4.04 0.00 | 39.93 2.99 0.00 | 38.07 2.72 0.00 | 37.78 2.74 0.00 | 40.16 3.18 0.00 | 43.93 3.66 0.00 | 59.64 3.64 0.00 | 70.44 3.35 0.00 | 59.64 3.64 0.00 | 56.25 4.02 0.00 | 56.75 5.16 -0.01 | 55.01 4.59 0.00 | 55.29 5.12 -0.01 | 56.26 5.21 -0.02 | 59.92 5.22 -2.46 | 61.30 5.77 -0.02 | 74.12 6.86 0.00 | 96.87 9.60 -0.01 | 86.01 8.03 -0.01 | 73.44 6.86 -0.01 | 67.25 6.11 -0.01 | 61.65 5.65 -0.06 | 58.47 4.83 -2.85 | 52.49 4.55 -0.02 |
| SHOREHAM_IC_2 23716 | 44.15 4.09 0.00 | 39.93 2.99 0.00 | 38.00 2.65 0.00 | 37.78 2.73 0.00 | 40.15 3.18 0.00 | 43.93 3.66 0.00 | 60.09 4.09 0.00 | 70.44 3.35 0.00 | 59.86 3.86 0.00 | 56.30 4.07 0.00 | 56.75 5.16 -0.01 | 55.01 4.59 0.00 | 55.29 5.12 -0.01 | 56.25 5.21 -0.02 | 59.92 5.22 -2.46 | 61.30 5.77 -0.02 | 74.19 6.93 0.00 | 96.96 9.69 -0.01 | 86.09 8.11 -0.01 | 73.44 6.86 -0.01 | 67.44 6.30 -0.01 | 61.65 5.65 -0.06 | 58.52 4.88 -2.85 | 52.49 4.55 -0.02 |
| SISSONVILLE____ 23735 | 39.83 -0.24 0.00 | 36.68 -0.26 0.00 | 35.03 -0.32 0.00 | 34.83 -0.21 0.00 | 36.79 -0.18 0.00 | 40.11 -0.16 0.00 | 55.89 -0.11 0.00 | 66.89 -0.20 0.00 | 56.06 0.06 0.00 | 52.12 -0.10 0.00 | 51.58 0.00 0.00 | 50.47 0.05 0.00 | 50.11 -0.05 0.00 | 50.78 -0.26 0.00 | 51.87 -0.37 0.00 | 54.74 -0.78 0.00 | 66.39 -0.87 0.00 | 85.78 -1.48 0.00 | 76.88 -1.09 0.00 | 66.04 -0.53 0.00 | 61.01 -0.12 0.00 | 56.28 0.34 0.00 | 51.20 0.41 0.00 | 48.16 0.24 0.00 |
| SITHE_IND_GS1 24169 | 38.82 -1.24 0.00 | 35.94 -1.00 0.00 | 34.43 -0.92 0.00 | 34.10 -0.94 0.00 | 35.94 -1.04 0.00 | 39.06 -1.21 0.00 | 54.37 -1.63 0.00 | 65.14 -1.95 0.00 | 54.43 -1.57 0.00 | 50.82 -1.41 0.00 | 50.19 -1.39 0.00 | 49.01 -1.41 0.00 | 48.71 -1.46 0.00 | 49.60 -1.43 0.00 | 50.77 -1.46 0.00 | 53.96 -1.55 0.00 | 65.31 -1.95 0.00 | 84.65 -2.62 0.00 | 75.79 -2.18 0.00 | 64.64 -1.93 0.00 | 59.24 -1.90 0.00 | 54.21 -1.73 0.00 | 49.27 -1.52 0.00 | 46.53 -1.39 0.00 |
| SITHE_IND_GS2 24170 | 38.82 -1.24 0.00 | 35.94 -1.00 0.00 | 34.43 -0.92 0.00 | 34.10 -0.94 0.00 | 35.94 -1.04 0.00 | 39.06 -1.21 0.00 | 54.37 -1.63 0.00 | 65.14 -1.95 0.00 | 54.43 -1.57 0.00 | 50.82 -1.41 0.00 | 50.19 -1.39 0.00 | 49.01 -1.41 0.00 | 48.71 -1.46 0.00 | 49.60 -1.43 0.00 | 50.77 -1.46 0.00 | 53.96 -1.55 0.00 | 65.31 -1.95 0.00 | 84.65 -2.62 0.00 | 75.79 -2.18 0.00 | 64.64 -1.93 0.00 | 59.24 -1.90 0.00 | 54.21 -1.73 0.00 | 49.27 -1.52 0.00 | 46.53 -1.39 0.00 |
| SITHE_IND_GS3 24171 | 38.82 -1.24 0.00 | 35.94 -1.00 0.00 | 34.43 -0.92 0.00 | 34.10 -0.94 0.00 | 35.94 -1.04 0.00 | 39.06 -1.21 0.00 | 54.37 -1.63 0.00 | 65.14 -1.95 0.00 | 54.43 -1.57 0.00 | 50.82 -1.41 0.00 | 50.19 -1.39 0.00 | 49.01 -1.41 0.00 | 48.71 -1.46 0.00 | 49.60 -1.43 0.00 | 50.77 -1.46 0.00 | 53.96 -1.55 0.00 | 65.31 -1.95 0.00 | 84.65 -2.62 0.00 | 75.79 -2.18 0.00 | 64.64 -1.93 0.00 | 59.24 -1.90 0.00 | 54.21 -1.73 0.00 | 49.27 -1.52 0.00 | 46.53 -1.39 0.00 |
| SITHE_IND_GS4 24172 | 38.82 -1.24 0.00 | 35.94 -1.00 0.00 | 34.43 -0.92 0.00 | 34.10 -0.94 0.00 | 35.94 -1.04 0.00 | 39.06 -1.21 0.00 | 54.37 -1.63 0.00 | 65.14 -1.95 0.00 | 54.43 -1.57 0.00 | 50.82 -1.41 0.00 | 50.19 -1.39 0.00 | 49.01 -1.41 0.00 | 48.71 -1.46 0.00 | 49.60 -1.43 0.00 | 50.77 -1.46 0.00 | 53.96 -1.55 0.00 | 65.31 -1.95 0.00 | 84.65 -2.62 0.00 | 75.79 -2.18 0.00 | 64.64 -1.93 0.00 | 59.24 -1.90 0.00 | 54.21 -1.73 0.00 | 49.27 -1.52 0.00 | 46.53 -1.39 0.00 |

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| SITHE____BATAVIA 24024 | 37.98 -2.09 0.00 | 35.57 -1.37 0.00 | 34.08 -1.27 0.00 | 33.67 -1.37 0.00 | 35.27 -1.70 0.00 | 38.13 -2.14 0.00 | 53.82 -2.18 0.00 | 63.12 -3.96 0.01 | 53.31 -2.69 0.00 | 49.98 -2.24 0.00 | 49.62 -1.96 0.00 | 48.05 -2.37 0.00 | 47.66 -2.51 0.00 | 48.58 -2.45 0.00 | 49.88 -2.35 0.00 | 52.40 -3.11 0.01 | 63.48 -3.77 0.01 | 82.11 -5.15 0.01 | 75.17 -2.80 0.00 | 63.18 -3.39 0.00 | 58.26 -2.87 0.00 | 53.43 -2.52 0.00 | 49.57 -1.22 0.00 | 47.44 -0.48 0.00 |
| SITHE____INDEPEND 23800 | 38.82 -1.24 0.00 | 35.94 -1.00 0.00 | 34.43 -0.92 0.00 | 34.10 -0.95 0.00 | 35.94 -1.04 0.00 | 39.06 -1.21 0.00 | 54.26 -1.74 0.00 | 65.08 -2.01 0.00 | 54.43 -1.57 0.00 | 50.82 -1.41 0.00 | 50.19 -1.39 0.00 | 49.01 -1.41 0.00 | 48.71 -1.45 0.00 | 49.60 -1.43 0.00 | 50.77 -1.46 0.00 | 53.96 -1.55 0.00 | 65.31 -1.95 0.00 | 84.56 -2.71 0.00 | 75.71 -2.26 0.00 | 64.58 -2.00 0.00 | 59.24 -1.90 0.00 | 54.15 -1.79 0.00 | 49.27 -1.52 0.00 | 46.53 -1.39 0.00 |
| SITHE____MASSENA 23902 | 39.95 -0.12 0.00 | 36.79 -0.15 0.00 | 35.17 -0.18 0.00 | 34.94 -0.10 0.00 | 36.86 -0.11 0.00 | 40.19 -0.08 0.00 | 56.06 0.06 0.00 | 67.02 -0.07 0.00 | 56.06 0.06 0.00 | 52.18 -0.05 0.00 | 51.63 0.05 0.00 | 50.52 0.10 0.00 | 50.16 0.00 0.00 | 50.88 -0.15 0.00 | 52.08 -0.16 0.00 | 55.29 -0.22 0.00 | 67.19 -0.07 0.00 | 86.92 -0.35 0.00 | 77.82 -0.16 0.00 | 66.57 0.00 0.00 | 61.38 0.25 0.00 | 56.28 0.34 0.00 | 51.10 0.31 0.00 | 48.16 0.24 0.00 |
| SITHE____OGDNSBRG 24021 | 40.51 0.44 0.00 | 37.30 0.37 0.00 | 35.63 0.28 0.00 | 35.39 0.35 0.00 | 37.42 0.44 0.00 | 40.79 0.52 0.00 | 57.06 1.06 0.00 | 68.23 1.14 0.00 | 56.90 0.90 0.00 | 52.70 0.47 0.00 | 52.05 0.46 0.00 | 50.97 0.55 0.00 | 50.62 0.45 0.00 | 51.24 0.20 0.00 | 52.49 0.26 0.00 | 55.63 0.11 0.00 | 67.80 0.54 0.00 | 88.05 0.79 0.00 | 79.06 1.09 0.00 | 67.77 1.20 0.00 | 62.48 1.34 0.00 | 57.34 1.40 0.00 | 52.11 1.32 0.00 | 49.02 1.10 0.00 |
| SITHE____STERLING 23777 | 40.99 0.92 0.00 | 37.86 0.92 0.00 | 36.23 0.88 0.00 | 35.88 0.84 0.00 | 37.93 0.96 0.00 | 41.36 1.09 0.00 | 57.79 1.79 0.00 | 69.44 2.35 0.00 | 57.90 1.91 0.00 | 54.00 1.78 0.00 | 53.34 1.75 0.00 | 52.08 1.66 0.00 | 51.87 1.71 0.00 | 52.72 1.68 0.00 | 54.01 1.78 0.00 | 57.40 1.89 0.00 | 69.61 2.35 0.00 | 90.32 3.05 0.00 | 80.78 2.80 0.00 | 68.90 2.33 0.00 | 63.15 2.01 0.00 | 57.68 1.74 0.00 | 52.42 1.62 0.00 | 49.36 1.44 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 38.70 -1.36 0.00 | 35.98 -0.96 0.00 | 34.50 -0.85 0.00 | 34.10 -0.95 0.00 | 35.87 -1.11 0.00 | 39.10 -1.17 0.00 | 54.43 -1.57 0.00 | 65.34 -1.74 0.00 | 54.82 -1.18 0.00 | 51.39 -0.84 0.00 | 50.91 -0.67 0.00 | 49.56 -0.86 0.00 | 49.21 -0.95 0.00 | 50.06 -0.97 0.00 | 51.35 -0.89 0.00 | 54.29 -1.22 0.00 | 65.58 -1.68 0.00 | 84.82 -2.44 0.00 | 76.26 -1.72 0.00 | 64.98 -1.60 0.00 | 59.54 -1.59 0.00 | 54.49 -1.45 0.00 | 49.93 -0.86 0.00 | 47.34 -0.58 0.00 |
| SMITHTWN_69_KV_BK 1 55830 | 44.03 3.97 0.00 | 39.89 2.95 0.00 | 37.93 2.58 0.00 | 37.71 2.66 0.00 | 40.08 3.11 0.00 | 43.85 3.58 0.00 | 60.03 4.03 0.00 | 70.31 3.22 0.00 | 59.81 3.81 0.00 | 56.30 4.07 0.00 | 56.75 5.16 -0.01 | 55.06 4.64 0.00 | 55.34 5.17 -0.01 | 56.20 5.15 -0.02 | 59.81 5.12 -2.46 | 61.19 5.66 -0.02 | 73.92 6.66 0.00 | 96.52 9.25 -0.01 | 85.62 7.64 -0.01 | 73.11 6.52 -0.01 | 67.13 5.99 -0.01 | 61.44 5.43 -0.07 | 58.36 4.72 -2.85 | 52.30 4.36 -0.02 |
| SOUTH CAIRO____GT 23612 | 41.95 1.88 0.00 | 38.67 1.74 0.00 | 36.97 1.63 0.00 | 36.65 1.61 0.00 | 38.71 1.74 0.00 | 42.20 1.93 0.00 | 58.58 2.58 0.00 | 70.17 3.09 0.00 | 58.80 2.80 0.00 | 54.21 1.98 0.00 | 53.03 1.44 0.00 | 51.83 1.41 0.00 | 51.57 1.40 0.00 | 52.51 1.48 0.00 | 54.01 1.78 0.00 | 57.79 2.28 0.00 | 70.89 3.63 0.00 | 92.68 5.41 0.00 | 82.81 4.83 0.00 | 70.57 3.99 0.00 | 64.68 3.55 0.00 | 59.19 3.24 0.00 | 53.38 2.59 0.00 | 50.46 2.54 0.00 |
| SOUTH HAMPTN____IC 23720 | 44.23 4.17 0.00 | 40.00 3.06 0.00 | 38.14 2.79 0.00 | 37.85 2.80 0.00 | 40.26 3.29 0.00 | 44.05 3.78 0.00 | 59.70 3.70 0.00 | 70.51 3.42 0.00 | 59.69 3.70 0.00 | 56.35 4.13 0.00 | 56.90 5.31 -0.01 | 55.11 4.69 0.00 | 55.44 5.27 -0.01 | 56.41 5.36 -0.02 | 60.08 5.38 -2.46 | 61.53 6.00 -0.02 | 74.46 7.20 0.00 | 97.22 9.94 -0.01 | 86.33 8.35 -0.01 | 73.63 7.05 -0.01 | 67.38 6.24 -0.01 | 61.76 5.76 -0.06 | 58.52 4.88 -2.86 | 52.58 4.65 -0.02 |
| SOUTHDOW_115KV_TB1 355954 | 36.38 -3.69 0.00 | 34.13 -2.81 0.00 | 32.94 -2.40 0.00 | 32.45 -2.59 0.00 | 34.02 -2.96 0.00 | 36.97 -3.30 0.00 | 51.58 -4.42 0.00 | 61.37 -5.70 0.02 | 51.63 -4.37 0.00 | 48.26 -3.97 0.00 | 47.71 -3.87 0.00 | 46.18 -4.24 0.00 | 46.00 -4.16 0.00 | 46.95 -4.08 0.00 | 48.11 -4.13 0.00 | 50.67 -4.83 0.02 | 62.40 -4.84 0.02 | 81.66 -5.58 0.02 | 73.14 -4.83 0.00 | 61.45 -5.13 0.00 | 56.12 -5.01 0.00 | 52.19 -3.75 0.00 | 48.91 -1.88 0.00 | 47.10 -0.81 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 44.19 4.13 0.00 | 39.93 2.99 0.00 | 37.96 2.62 0.00 | 37.78 2.73 0.00 | 40.19 3.22 0.00 | 43.97 3.70 0.00 | 59.86 3.86 0.00 | 70.24 3.15 0.00 | 59.70 3.70 0.00 | 56.14 3.92 0.00 | 56.80 5.21 -0.01 | 54.91 4.49 0.00 | 55.24 5.07 -0.01 | 56.25 5.21 -0.02 | 60.03 5.33 -2.46 | 61.47 5.94 -0.02 | 74.59 7.33 0.00 | 97.31 10.04 -0.01 | 86.32 8.34 -0.01 | 73.64 7.06 -0.01 | 67.50 6.36 -0.01 | 61.59 5.59 -0.06 | 58.32 4.67 -2.86 | 52.58 4.65 -0.02 |
| SOUTHOLD____IC 23719 | 44.15 4.09 0.00 | 39.93 2.99 0.00 | 38.07 2.72 0.00 | 37.78 2.74 0.00 | 40.19 3.22 0.00 | 43.97 3.70 0.00 | 59.42 3.42 0.00 | 70.24 3.15 0.00 | 59.47 3.47 0.00 | 56.09 3.86 0.00 | 56.80 5.21 -0.01 | 54.91 4.49 0.00 | 55.24 5.06 -0.01 | 56.31 5.26 -0.02 | 60.03 5.33 -2.46 | 61.47 5.94 -0.02 | 74.53 7.27 0.00 | 97.22 9.94 -0.01 | 86.33 8.35 -0.01 | 73.63 7.05 -0.01 | 67.25 6.11 -0.01 | 61.65 5.65 -0.06 | 58.32 4.67 -2.86 | 52.58 4.65 -0.02 |
| SOUTH_FORK_WT_PWR 323839 | 43.79 3.73 0.00 | 39.56 2.62 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.86 2.89 0.00 | 43.61 3.34 0.00 | 58.69 2.69 0.00 | 69.37 2.28 0.00 | 58.74 2.74 0.00 | 55.47 3.24 0.00 | 56.18 4.59 -0.01 | 54.30 3.88 0.00 | 54.63 4.46 -0.01 | 55.69 4.64 -0.02 | 59.40 4.70 -2.46 | 60.81 5.28 -0.02 | 73.72 6.46 0.00 | 96.08 8.81 -0.01 | 85.31 7.33 -0.01 | 72.77 6.19 -0.01 | 66.46 5.32 -0.01 | 60.92 4.92 -0.06 | 57.61 3.96 -2.86 | 52.10 4.17 -0.02 |
| SPIERFLS_115KV_TB 1 80737 | 42.71 2.64 0.00 | 39.30 2.36 0.00 | 37.61 2.26 0.00 | 37.28 2.24 0.00 | 39.34 2.37 0.00 | 43.05 2.78 0.00 | 59.98 3.98 0.00 | 71.99 4.90 0.00 | 59.75 3.75 0.00 | 55.47 3.24 0.00 | 54.63 3.04 0.00 | 53.29 2.87 0.00 | 52.92 2.76 0.00 | 53.79 2.76 0.00 | 55.26 3.03 0.00 | 58.96 3.44 0.00 | 71.63 4.37 0.00 | 93.29 6.02 0.00 | 83.20 5.22 0.00 | 70.90 4.33 0.00 | 65.53 4.40 0.00 | 59.80 3.86 0.00 | 54.04 3.25 0.00 | 50.99 3.07 0.00 |
| ST LAWRENCE____ 23600 | 39.42 -0.64 0.00 | 36.34 -0.59 0.00 | 34.75 -0.60 0.00 | 34.48 -0.56 0.00 | 36.42 -0.55 0.00 | 39.66 -0.60 0.00 | 55.27 -0.73 0.00 | 66.15 -0.94 0.00 | 55.27 -0.73 0.00 | 51.50 -0.73 0.00 | 50.91 -0.67 0.00 | 49.82 -0.60 0.00 | 49.51 -0.65 0.00 | 50.27 -0.76 0.00 | 51.45 -0.78 0.00 | 54.68 -0.83 0.00 | 66.38 -0.88 0.00 | 85.96 -1.31 0.00 | 76.88 -1.09 0.00 | 65.71 -0.87 0.00 | 60.46 -0.67 0.00 | 55.38 -0.56 0.00 | 50.28 -0.51 0.00 | 47.39 -0.53 0.00 |

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| STATE_CA_115KV_115_LB 55624 | 41.23 1.16 0.00 | 37.97 1.03 0.00 | 36.30 0.95 0.00 | 35.95 0.91 0.00 | 37.94 0.96 0.00 | 41.23 0.97 0.00 | 56.95 0.95 0.00 | 68.23 1.14 0.00 | 56.78 0.78 0.00 | 52.85 0.63 0.00 | 52.15 0.57 0.00 | 51.08 0.66 0.00 | 50.87 0.70 0.00 | 51.80 0.77 0.00 | 53.02 0.78 0.00 | 56.40 0.89 0.00 | 68.40 1.14 0.00 | 88.84 1.57 0.00 | 79.22 1.25 0.00 | 67.57 1.00 0.00 | 62.17 1.04 0.00 | 56.78 0.84 0.00 | 51.35 0.56 0.00 | 48.64 0.72 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 39.91 -0.16 0.00 | 36.90 -0.04 0.00 | 35.38 0.04 0.00 | 35.01 -0.04 0.00 | 36.90 -0.07 0.00 | 40.23 -0.04 0.00 | 56.17 0.17 0.00 | 67.43 0.34 -0.01 | 56.39 0.39 0.00 | 52.65 0.42 0.00 | 51.99 0.41 0.00 | 50.72 0.30 0.00 | 50.41 0.25 0.00 | 51.34 0.31 0.00 | 52.60 0.37 0.00 | 55.85 0.33 -0.01 | 67.67 0.40 -0.01 | 87.88 0.61 -0.01 | 78.60 0.62 0.00 | 67.11 0.53 0.00 | 61.44 0.31 0.00 | 56.11 0.17 0.00 | 51.05 0.25 0.00 | 48.21 0.29 0.00 |
| STATION_5_MISC_HYD 23604 | 38.46 -1.60 0.00 | 35.83 -1.11 0.00 | 34.32 -1.03 0.00 | 33.96 -1.09 0.00 | 35.61 -1.37 0.00 | 38.78 -1.49 0.00 | 54.49 -1.51 0.00 | 64.40 -2.69 0.01 | 54.26 -1.74 0.00 | 50.92 -1.30 0.00 | 50.55 -1.03 0.00 | 49.11 -1.31 0.00 | 48.76 -1.40 0.00 | 49.66 -1.38 0.00 | 50.93 -1.30 0.00 | 53.62 -1.89 0.01 | 65.03 -2.22 0.01 | 83.68 -3.58 0.01 | 76.18 -1.79 0.00 | 64.31 -2.26 0.00 | 59.24 -1.90 0.00 | 54.21 -1.73 0.00 | 49.88 -0.91 0.00 | 47.44 -0.48 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 38.82 -1.24 0.00 | 36.09 -0.85 0.00 | 34.61 -0.74 0.00 | 34.20 -0.84 0.00 | 35.98 -1.00 0.00 | 39.22 -1.05 0.00 | 54.60 -1.40 0.00 | 65.41 -1.68 0.00 | 54.94 -1.06 0.00 | 51.44 -0.78 0.00 | 51.07 -0.52 0.00 | 49.66 -0.76 0.00 | 49.31 -0.85 0.00 | 50.17 -0.87 0.00 | 51.45 -0.78 0.00 | 54.40 -1.11 0.00 | 65.78 -1.48 0.00 | 84.99 -2.27 0.00 | 76.49 -1.48 0.00 | 65.18 -1.40 0.00 | 59.73 -1.41 0.00 | 54.66 -1.29 0.00 | 50.08 -0.71 0.00 | 47.49 -0.43 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 38.26 -1.80 0.00 | 35.64 -1.29 0.00 | 34.22 -1.13 0.00 | 33.75 -1.30 0.00 | 35.42 -1.55 0.00 | 38.58 -1.69 0.00 | 53.59 -2.41 0.00 | 64.06 -3.02 0.01 | 53.93 -2.07 0.00 | 50.61 -1.62 0.00 | 50.24 -1.34 0.00 | 48.81 -1.61 0.00 | 48.46 -1.71 0.00 | 49.35 -1.68 0.00 | 50.67 -1.57 0.00 | 53.40 -2.11 0.01 | 64.43 -2.82 0.01 | 83.16 -4.10 0.01 | 75.09 -2.89 0.00 | 63.91 -2.66 0.00 | 58.63 -2.51 0.00 | 53.76 -2.18 0.00 | 49.47 -1.32 0.00 | 47.10 -0.81 0.00 |
| STA_56___34_KV_BUS2 355983 | 38.26 -1.80 0.00 | 35.64 -1.29 0.00 | 34.22 -1.13 0.00 | 33.75 -1.30 0.00 | 35.42 -1.55 0.00 | 38.58 -1.69 0.00 | 53.59 -2.41 0.00 | 64.06 -3.02 0.01 | 53.93 -2.07 0.00 | 50.61 -1.62 0.00 | 50.24 -1.34 0.00 | 48.81 -1.61 0.00 | 48.46 -1.71 0.00 | 49.35 -1.68 0.00 | 50.67 -1.57 0.00 | 53.40 -2.11 0.01 | 64.43 -2.82 0.01 | 83.16 -4.10 0.01 | 75.09 -2.89 0.00 | 63.91 -2.66 0.00 | 58.63 -2.51 0.00 | 53.76 -2.18 0.00 | 49.47 -1.32 0.00 | 47.10 -0.81 0.00 |
| STA_67___115KV_BK2 355882 | 38.38 -1.68 0.00 | 35.79 -1.14 0.00 | 34.36 -0.99 0.00 | 33.89 -1.16 0.00 | 35.57 -1.41 0.00 | 38.70 -1.57 0.00 | 53.70 -2.30 0.00 | 64.26 -2.82 0.01 | 54.10 -1.90 0.00 | 50.77 -1.46 0.00 | 50.45 -1.13 0.00 | 48.96 -1.46 0.00 | 48.61 -1.56 0.00 | 49.50 -1.53 0.00 | 50.82 -1.41 0.00 | 53.51 -2.00 0.01 | 64.56 -2.69 0.01 | 83.33 -3.93 0.01 | 75.32 -2.65 0.00 | 64.11 -2.46 0.00 | 58.81 -2.32 0.00 | 53.93 -2.01 0.00 | 49.72 -1.07 0.00 | 47.34 -0.58 0.00 |
| STA_7___115KV_9TRANS 80674 | 38.58 -1.48 0.00 | 35.98 -0.96 0.00 | 34.53 -0.81 0.00 | 34.06 -0.98 0.00 | 35.72 -1.26 0.00 | 38.94 -1.33 0.00 | 54.10 -1.90 0.00 | 64.73 -2.35 0.01 | 54.49 -1.51 0.00 | 51.13 -1.10 0.00 | 50.86 -0.72 0.00 | 49.36 -1.06 0.00 | 49.01 -1.15 0.00 | 49.91 -1.12 0.00 | 51.24 -0.99 0.00 | 53.95 -1.55 0.01 | 65.10 -2.15 0.01 | 84.03 -3.23 0.01 | 75.95 -2.03 0.00 | 64.64 -1.93 0.00 | 59.24 -1.90 0.00 | 54.32 -1.62 0.00 | 50.08 -0.71 0.00 | 47.68 -0.24 0.00 |
| STA_82___115KV_TB1 80780 | 38.34 -1.72 0.00 | 35.75 -1.18 0.00 | 34.32 -1.03 0.00 | 33.85 -1.19 0.00 | 35.53 -1.44 0.00 | 38.70 -1.57 0.00 | 53.65 -2.35 0.00 | 64.20 -2.88 0.01 | 54.04 -1.96 0.00 | 50.71 -1.51 0.00 | 50.40 -1.19 0.00 | 48.91 -1.51 0.00 | 48.56 -1.61 0.00 | 49.45 -1.58 0.00 | 50.77 -1.46 0.00 | 53.45 -2.05 0.01 | 64.49 -2.76 0.01 | 83.24 -4.01 0.01 | 75.24 -2.73 0.00 | 64.04 -2.53 0.00 | 58.75 -2.38 0.00 | 53.87 -2.07 0.00 | 49.67 -1.12 0.00 | 47.34 -0.58 0.00 |
| STEEL___WIND 323596 | 36.78 -3.28 0.00 | 34.46 -2.47 0.00 | 33.08 -2.26 0.00 | 32.66 -2.38 0.00 | 34.20 -2.77 0.00 | 37.01 -3.26 0.00 | 52.08 -3.92 0.00 | 60.84 -6.24 0.02 | 51.41 -4.59 0.00 | 48.26 -3.97 0.00 | 47.77 -3.82 0.00 | 46.29 -4.13 0.00 | 46.05 -4.11 0.00 | 47.05 -3.98 0.00 | 48.21 -4.02 0.00 | 50.78 -4.72 0.02 | 61.26 -5.99 0.02 | 79.74 -7.51 0.02 | 72.59 -5.38 0.00 | 61.05 -5.52 0.00 | 56.18 -4.95 0.00 | 51.80 -4.14 0.00 | 48.35 -2.44 0.00 | 46.48 -1.44 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 41.39 1.32 0.00 | 38.12 1.18 0.00 | 36.44 1.10 0.00 | 36.13 1.09 0.00 | 38.12 1.15 0.00 | 41.52 1.25 0.00 | 57.40 1.40 0.00 | 68.83 1.74 0.00 | 57.18 1.18 0.00 | 53.22 0.99 0.00 | 52.51 0.93 0.00 | 51.38 0.96 0.00 | 51.12 0.95 0.00 | 52.05 1.02 0.00 | 53.33 1.10 0.00 | 56.79 1.28 0.00 | 68.94 1.68 0.00 | 89.62 2.36 0.00 | 79.92 1.95 0.00 | 68.17 1.60 0.00 | 62.72 1.59 0.00 | 57.29 1.34 0.00 | 51.81 1.02 0.00 | 49.02 1.10 0.00 |
| STEUBEN_REC_LFGE 323667 | 36.22 -3.85 0.00 | 33.87 -3.07 0.00 | 32.66 -2.69 0.00 | 32.10 -2.94 0.00 | 33.76 -3.22 0.00 | 36.68 -3.58 0.00 | 51.18 -4.82 0.00 | 60.87 -6.17 0.05 | 50.90 -5.10 0.00 | 47.53 -4.70 0.00 | 46.94 -4.64 0.00 | 45.48 -4.94 0.00 | 45.30 -4.87 0.00 | 46.34 -4.70 0.00 | 47.58 -4.65 0.00 | 50.25 -5.22 0.05 | 61.23 -5.99 0.05 | 79.89 -7.33 0.05 | 71.81 -6.16 0.00 | 61.45 -5.13 0.00 | 56.24 -4.89 0.00 | 51.80 -4.14 0.00 | 48.45 -2.34 0.00 | 46.58 -1.34 0.00 |
| STILLWATER___SOLAR 323814 | 42.27 2.20 0.00 | 38.89 1.96 0.00 | 37.22 1.87 0.00 | 36.86 1.82 0.00 | 38.93 1.96 0.00 | 42.52 2.25 0.00 | 59.08 3.08 0.00 | 70.91 3.82 0.00 | 58.91 2.91 0.00 | 54.73 2.51 0.00 | 53.85 2.27 0.00 | 52.59 2.17 0.00 | 52.32 2.16 0.00 | 53.23 2.19 0.00 | 54.69 2.46 0.00 | 58.29 2.77 0.00 | 70.76 3.50 0.00 | 92.15 4.88 0.00 | 82.10 4.13 0.00 | 70.03 3.46 0.00 | 64.55 3.42 0.00 | 58.96 3.02 0.00 | 53.33 2.54 0.00 | 50.31 2.39 0.00 |
| STONY___BROOK 24151 | 43.99 3.93 0.00 | 39.85 2.92 0.00 | 38.00 2.65 0.00 | 37.67 2.63 0.00 | 40.04 3.07 0.00 | 43.81 3.54 0.00 | 59.53 3.53 0.00 | 70.18 3.09 0.00 | 59.59 3.59 0.00 | 56.25 4.02 0.00 | 56.70 5.11 -0.01 | 55.01 4.59 0.00 | 55.29 5.12 -0.01 | 56.20 5.15 -0.02 | 59.76 5.07 -2.46 | 61.13 5.60 -0.02 | 73.72 6.46 0.00 | 96.26 8.99 -0.01 | 85.47 7.49 -0.01 | 72.97 6.39 -0.01 | 66.83 5.69 -0.01 | 61.37 5.37 -0.06 | 58.31 4.67 -2.85 | 52.25 4.31 -0.02 |
| STURGEON_POOL_HYD 23609 | 42.31 2.24 0.00 | 38.78 1.85 0.00 | 37.04 1.70 0.00 | 36.79 1.75 0.00 | 38.86 1.89 0.00 | 42.44 2.17 0.00 | 59.25 3.25 0.00 | 70.78 3.69 0.00 | 58.91 2.91 0.00 | 54.94 2.72 0.00 | 54.16 2.58 0.00 | 53.04 2.62 0.00 | 52.87 2.71 0.00 | 53.84 2.81 0.00 | 54.90 2.66 0.00 | 58.40 2.89 0.00 | 70.89 3.63 0.00 | 92.41 5.15 0.00 | 82.03 4.05 0.00 | 70.03 3.46 0.00 | 64.19 3.06 0.00 | 58.85 2.91 0.00 | 53.23 2.44 0.00 | 50.12 2.20 0.00 |

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| ST_LAW_115_BK7_LBMP 345037 | 39.42 -0.64 0.00 | 36.34 -0.59 0.00 | 34.75 -0.60 0.00 | 34.52 -0.52 0.00 | 36.42 -0.55 0.00 | 39.66 -0.60 0.00 | 55.27 -0.73 0.00 | 66.15 -0.94 0.00 | 55.33 -0.67 0.00 | 51.50 -0.73 0.00 | 50.91 -0.67 0.00 | 49.82 -0.60 0.00 | 49.51 -0.65 0.00 | 50.22 -0.82 0.00 | 51.45 -0.78 0.00 | 54.62 -0.89 0.00 | 66.32 -0.94 0.00 | 85.96 -1.31 0.00 | 76.88 -1.09 0.00 | 65.78 -0.80 0.00 | 60.52 -0.61 0.00 | 55.44 -0.50 0.00 | 50.33 -0.46 0.00 | 47.44 -0.48 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 39.42 -0.64 0.00 | 36.34 -0.59 0.00 | 34.75 -0.60 0.00 | 34.52 -0.52 0.00 | 36.42 -0.55 0.00 | 39.66 -0.60 0.00 | 55.27 -0.73 0.00 | 66.15 -0.94 0.00 | 55.33 -0.67 0.00 | 51.50 -0.73 0.00 | 50.91 -0.67 0.00 | 49.82 -0.60 0.00 | 49.51 -0.65 0.00 | 50.22 -0.82 0.00 | 51.45 -0.78 0.00 | 54.62 -0.89 0.00 | 66.32 -0.94 0.00 | 85.96 -1.31 0.00 | 76.88 -1.09 0.00 | 65.78 -0.80 0.00 | 60.52 -0.61 0.00 | 55.44 -0.50 0.00 | 50.33 -0.46 0.00 | 47.44 -0.48 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 39.42 -0.64 0.00 | 36.34 -0.59 0.00 | 34.75 -0.60 0.00 | 34.48 -0.56 0.00 | 36.42 -0.55 0.00 | 39.66 -0.60 0.00 | 55.27 -0.73 0.00 | 66.15 -0.94 0.00 | 55.27 -0.73 0.00 | 51.50 -0.73 0.00 | 50.91 -0.67 0.00 | 49.82 -0.60 0.00 | 49.51 -0.65 0.00 | 50.27 -0.76 0.00 | 51.45 -0.78 0.00 | 54.68 -0.83 0.00 | 66.38 -0.88 0.00 | 85.96 -1.31 0.00 | 76.88 -1.09 0.00 | 65.71 -0.87 0.00 | 60.46 -0.67 0.00 | 55.38 -0.56 0.00 | 50.28 -0.51 0.00 | 47.39 -0.53 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 39.42 -0.64 0.00 | 36.34 -0.59 0.00 | 34.75 -0.60 0.00 | 34.48 -0.56 0.00 | 36.42 -0.55 0.00 | 39.66 -0.60 0.00 | 55.27 -0.73 0.00 | 66.15 -0.94 0.00 | 55.27 -0.73 0.00 | 51.50 -0.73 0.00 | 50.91 -0.67 0.00 | 49.82 -0.60 0.00 | 49.51 -0.65 0.00 | 50.27 -0.76 0.00 | 51.45 -0.78 0.00 | 54.68 -0.83 0.00 | 66.38 -0.88 0.00 | 85.96 -1.31 0.00 | 76.88 -1.09 0.00 | 65.71 -0.87 0.00 | 60.46 -0.67 0.00 | 55.38 -0.56 0.00 | 50.28 -0.51 0.00 | 47.39 -0.53 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 42.27 2.20 0.00 | 38.75 1.81 0.00 | 37.04 1.70 0.00 | 36.76 1.72 0.00 | 38.82 1.85 0.00 | 42.36 2.09 0.00 | 59.08 3.08 0.00 | 70.58 3.49 0.00 | 58.69 2.69 0.00 | 54.73 2.51 0.00 | 54.11 2.53 0.00 | 52.99 2.57 0.00 | 52.82 2.66 0.00 | 53.79 2.76 0.00 | 54.79 2.56 0.00 | 58.29 2.78 0.00 | 70.69 3.43 0.00 | 92.06 4.80 0.00 | 81.72 3.74 0.00 | 69.84 3.26 0.00 | 64.07 2.93 0.00 | 58.63 2.69 0.00 | 53.13 2.34 0.00 | 49.98 2.06 0.00 |
| SWANROAD_115KV_TB1 355699 | 36.58 -3.49 0.00 | 34.39 -2.55 0.00 | 33.16 -2.19 0.00 | 32.55 -2.49 0.00 | 34.05 -2.92 0.00 | 36.36 -3.91 0.00 | 49.90 -6.10 0.00 | 59.36 -7.72 0.01 | 50.18 -5.82 0.00 | 47.37 -4.86 0.00 | 46.94 -4.64 0.00 | 45.43 -4.99 0.00 | 45.20 -4.97 0.00 | 46.08 -4.95 0.00 | 47.27 -4.96 0.00 | 49.56 -5.94 0.01 | 59.71 -7.53 0.01 | 76.87 -10.38 0.01 | 69.86 -8.11 0.00 | 59.52 -7.06 0.00 | 54.53 -6.60 0.00 | 50.40 -5.54 0.00 | 47.08 -3.71 0.00 | 45.38 -2.54 0.00 |
| SYNERGY___BIOGAS 323694 | 37.94 -2.12 0.00 | 35.57 -1.37 0.00 | 34.22 -1.13 0.00 | 33.68 -1.37 0.00 | 35.27 -1.70 0.00 | 38.13 -2.13 0.00 | 52.86 -3.14 0.00 | 63.12 -3.96 0.01 | 53.26 -2.74 0.00 | 49.98 -2.25 0.00 | 49.62 -1.96 0.00 | 48.05 -2.37 0.00 | 47.66 -2.51 0.00 | 48.58 -2.45 0.00 | 49.88 -2.35 0.00 | 52.39 -3.11 0.01 | 63.28 -3.97 0.01 | 81.93 -5.32 0.01 | 74.31 -3.66 0.00 | 63.18 -3.40 0.00 | 57.89 -3.24 0.00 | 53.26 -2.69 0.00 | 49.52 -1.27 0.00 | 47.44 -0.48 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 39.87 -0.20 0.00 | 36.86 -0.07 0.00 | 35.35 0.00 0.00 | 34.97 -0.07 0.00 | 36.86 -0.11 0.00 | 40.11 -0.16 0.00 | 55.89 -0.11 0.00 | 67.09 0.00 0.00 | 56.11 0.11 0.00 | 52.44 0.21 0.00 | 51.79 0.21 0.00 | 50.52 0.10 0.00 | 50.26 0.10 0.00 | 51.14 0.10 0.00 | 52.39 0.16 0.00 | 55.63 0.11 0.00 | 67.33 0.07 0.00 | 87.27 0.00 0.00 | 78.05 0.08 0.00 | 66.64 0.07 0.00 | 61.07 -0.06 0.00 | 55.78 -0.17 0.00 | 50.74 -0.05 0.00 | 47.87 -0.05 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 39.87 -0.20 0.00 | 36.86 -0.07 0.00 | 35.35 0.00 0.00 | 34.97 -0.07 0.00 | 36.86 -0.11 0.00 | 40.11 -0.16 0.00 | 55.89 -0.11 0.00 | 67.09 0.00 0.00 | 56.11 0.11 0.00 | 52.44 0.21 0.00 | 51.79 0.21 0.00 | 50.52 0.10 0.00 | 50.26 0.10 0.00 | 51.14 0.10 0.00 | 52.39 0.16 0.00 | 55.63 0.11 0.00 | 67.33 0.07 0.00 | 87.27 0.00 0.00 | 78.05 0.08 0.00 | 66.64 0.07 0.00 | 61.07 -0.06 0.00 | 55.78 -0.17 0.00 | 50.74 -0.05 0.00 | 47.87 -0.05 0.00 |
| SYRACUSE___POWER 24017 | 39.83 -0.24 0.00 | 36.79 -0.15 0.00 | 35.28 -0.07 0.00 | 34.90 -0.14 0.00 | 36.83 -0.15 0.00 | 40.07 -0.20 0.00 | 55.78 -0.22 0.00 | 67.02 -0.07 0.00 | 56.00 0.00 0.00 | 52.33 0.10 0.00 | 51.69 0.10 0.00 | 50.42 0.00 0.00 | 50.16 0.00 0.00 | 51.08 0.05 0.00 | 52.29 0.05 0.00 | 55.57 0.06 0.00 | 67.26 0.00 0.00 | 87.18 -0.09 0.00 | 77.97 0.00 0.00 | 66.57 0.00 0.00 | 61.01 -0.12 0.00 | 55.72 -0.22 0.00 | 50.69 -0.10 0.00 | 47.82 -0.10 0.00 |
| TALLMAN_138KV_BK151 55660 | 42.51 2.44 0.00 | 38.93 1.99 0.00 | 37.22 1.87 0.00 | 36.93 1.89 0.00 | 39.05 2.07 0.00 | 42.60 2.34 0.00 | 59.36 3.36 0.00 | 70.91 3.82 0.00 | 58.91 2.91 0.00 | 55.00 2.77 0.00 | 54.37 2.79 0.00 | 53.29 2.87 0.00 | 53.07 2.91 0.00 | 54.10 3.06 0.00 | 55.05 2.82 0.00 | 58.57 3.05 0.00 | 70.96 3.70 0.00 | 92.41 5.15 0.00 | 82.03 4.05 0.00 | 70.03 3.46 0.00 | 64.25 3.12 0.00 | 58.85 2.91 0.00 | 53.28 2.49 0.00 | 50.17 2.25 0.00 |
| TEALLAVE_115KV_TB7 355573 | 39.62 -0.44 0.00 | 36.64 -0.30 0.00 | 35.14 -0.21 0.00 | 34.76 -0.28 0.00 | 36.64 -0.33 0.00 | 39.91 -0.36 0.00 | 55.44 -0.56 0.00 | 66.62 -0.47 0.00 | 55.72 -0.28 0.00 | 52.07 -0.16 0.00 | 51.43 -0.15 0.00 | 50.17 -0.25 0.00 | 49.91 -0.25 0.00 | 50.83 -0.20 0.00 | 52.02 -0.21 0.00 | 55.29 -0.22 0.00 | 66.86 -0.40 0.00 | 86.65 -0.61 0.00 | 77.43 -0.55 0.00 | 66.11 -0.47 0.00 | 60.58 -0.55 0.00 | 55.38 -0.56 0.00 | 50.44 -0.36 0.00 | 47.58 -0.34 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 37.30 -2.76 0.00 | 35.01 -1.92 0.00 | 33.69 -1.66 0.00 | 33.15 -1.89 0.00 | 34.68 -2.29 0.00 | 37.33 -2.94 0.00 | 51.52 -4.48 0.00 | 61.44 -5.64 0.01 | 51.91 -4.09 0.00 | 48.83 -3.39 0.00 | 48.44 -3.15 0.00 | 46.89 -3.53 0.00 | 46.60 -3.56 0.00 | 47.56 -3.47 0.00 | 48.79 -3.45 0.00 | 51.23 -4.27 0.01 | 61.73 -5.52 0.01 | 79.75 -7.50 0.01 | 72.36 -5.61 0.00 | 61.58 -4.99 0.00 | 56.43 -4.71 0.00 | 52.03 -3.92 0.00 | 48.45 -2.34 0.00 | 46.53 -1.39 0.00 |
| TEMPLE___115KV_TB 2 55572 | 39.67 -0.40 0.00 | 36.68 -0.26 0.00 | 35.14 -0.21 0.00 | 34.76 -0.28 0.00 | 36.68 -0.30 0.00 | 39.91 -0.36 0.00 | 55.50 -0.50 0.00 | 66.69 -0.40 0.00 | 55.78 -0.22 0.00 | 52.12 -0.10 0.00 | 51.48 -0.10 0.00 | 50.22 -0.20 0.00 | 49.96 -0.20 0.00 | 50.88 -0.15 0.00 | 52.08 -0.16 0.00 | 55.29 -0.22 0.00 | 66.92 -0.34 0.00 | 86.74 -0.52 0.00 | 77.51 -0.47 0.00 | 66.17 -0.40 0.00 | 60.64 -0.49 0.00 | 55.38 -0.56 0.00 | 50.49 -0.30 0.00 | 47.63 -0.29 0.00 |
| TIANA____69_KV_BK 1 55817 | 44.23 4.17 0.00 | 40.00 3.07 0.00 | 38.07 2.72 0.00 | 37.85 2.80 0.00 | 40.27 3.29 0.00 | 44.05 3.79 0.00 | 60.20 4.20 0.00 | 70.64 3.56 0.00 | 59.98 3.98 0.00 | 56.41 4.18 0.00 | 56.95 5.36 -0.01 | 55.16 4.74 0.00 | 55.49 5.32 -0.01 | 56.41 5.36 -0.02 | 60.13 5.43 -2.46 | 61.58 6.05 -0.02 | 74.52 7.26 0.00 | 97.40 10.12 -0.01 | 86.40 8.42 -0.01 | 73.70 7.12 -0.01 | 67.62 6.48 -0.01 | 61.82 5.82 -0.06 | 58.62 4.98 -2.86 | 52.63 4.70 -0.02 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TILDEN___115KV_TB1 80814 | 39.83 -0.24 0.00 | 36.79 -0.15 0.00 | 35.28 -0.07 0.00 | 34.90 -0.14 0.00 | 36.83 -0.15 0.00 | 40.07 -0.20 0.00 | 55.78 -0.22 0.00 | 67.02 -0.07 0.00 | 56.00 0.00 0.00 | 52.33 0.10 0.00 | 51.69 0.10 0.00 | 50.42 0.00 0.00 | 50.16 0.00 0.00 | 51.08 0.05 0.00 | 52.29 0.05 0.00 | 55.57 0.06 0.00 | 67.26 0.00 0.00 | 87.18 -0.09 0.00 | 77.97 0.00 0.00 | 66.57 0.00 0.00 | 61.01 -0.12 0.00 | 55.72 -0.22 0.00 | 50.69 -0.10 0.00 | 47.82 -0.10 0.00 |
| TRIGEN___CC 323695 | 43.51 3.45 0.00 | 39.52 2.59 0.00 | 37.65 2.30 0.00 | 37.39 2.35 0.00 | 39.67 2.70 0.00 | 43.37 3.10 0.00 | 59.64 3.64 0.00 | 70.51 3.42 0.00 | 59.36 3.36 0.00 | 55.78 3.55 0.00 | 55.87 4.28 -0.01 | 54.50 4.08 0.00 | 54.58 4.41 -0.01 | 55.23 4.18 -0.01 | 58.34 4.02 -2.09 | 60.08 4.55 -0.01 | 72.84 5.58 0.00 | 94.95 7.68 -0.01 | 84.22 6.24 -0.01 | 71.91 5.33 -0.01 | 66.03 4.89 -0.01 | 60.15 4.20 -0.01 | 56.82 3.61 -2.42 | 51.34 3.40 -0.02 |
| TRINITY___115KV___4 BK 55933 | 41.07 1.00 0.00 | 37.86 0.92 0.00 | 36.20 0.85 0.00 | 35.85 0.81 0.00 | 37.83 0.85 0.00 | 41.11 0.85 0.00 | 56.78 0.78 0.00 | 68.03 0.94 0.00 | 56.62 0.62 0.00 | 52.70 0.47 0.00 | 52.05 0.46 0.00 | 50.92 0.50 0.00 | 50.72 0.55 0.00 | 51.65 0.61 0.00 | 52.86 0.63 0.00 | 56.29 0.78 0.00 | 68.20 0.94 0.00 | 88.66 1.40 0.00 | 78.99 1.01 0.00 | 67.44 0.87 0.00 | 61.99 0.86 0.00 | 56.67 0.73 0.00 | 51.25 0.46 0.00 | 48.54 0.62 0.00 |
| UNION___PROCESSING_DRP 323587 | 38.38 -1.68 0.00 | 35.75 -1.18 0.00 | 34.32 -1.03 0.00 | 33.89 -1.16 0.00 | 35.53 -1.44 0.00 | 38.70 -1.57 0.00 | 53.70 -2.30 0.00 | 64.20 -2.88 0.01 | 54.04 -1.96 0.00 | 50.77 -1.46 0.00 | 50.40 -1.19 0.00 | 48.91 -1.51 0.00 | 48.56 -1.61 0.00 | 49.50 -1.53 0.00 | 50.77 -1.46 0.00 | 53.45 -2.05 0.01 | 64.50 -2.76 0.01 | 83.24 -4.01 0.01 | 75.24 -2.73 0.00 | 64.11 -2.46 0.00 | 58.75 -2.38 0.00 | 53.87 -2.07 0.00 | 49.67 -1.12 0.00 | 47.34 -0.58 0.00 |
| UPPER HUDSON___HYD 24058 | 42.71 2.64 0.00 | 39.30 2.37 0.00 | 37.61 2.26 0.00 | 37.29 2.24 0.00 | 39.34 2.37 0.00 | 43.04 2.78 0.00 | 59.98 3.98 0.00 | 71.98 4.89 0.00 | 59.75 3.75 0.00 | 55.47 3.24 0.00 | 54.62 3.04 0.00 | 53.29 2.87 0.00 | 52.92 2.76 0.00 | 53.79 2.75 0.00 | 55.26 3.03 0.00 | 58.96 3.44 0.00 | 71.57 4.31 0.00 | 93.28 6.02 0.00 | 83.20 5.22 0.00 | 70.90 4.32 0.00 | 65.54 4.40 0.00 | 59.75 3.81 0.00 | 54.04 3.25 0.00 | 50.99 3.07 0.00 |
| UPPER RAQUET___HYD 24056 | 39.83 -0.24 0.00 | 36.68 -0.26 0.00 | 35.06 -0.28 0.00 | 34.83 -0.21 0.00 | 36.79 -0.18 0.00 | 40.11 -0.16 0.00 | 55.89 -0.11 0.00 | 66.89 -0.20 0.00 | 56.06 0.06 0.00 | 52.12 -0.10 0.00 | 51.58 0.00 0.00 | 50.47 0.05 0.00 | 50.11 -0.05 0.00 | 50.78 -0.25 0.00 | 51.87 -0.36 0.00 | 54.74 -0.78 0.00 | 66.38 -0.88 0.00 | 85.78 -1.48 0.00 | 76.88 -1.09 0.00 | 66.04 -0.53 0.00 | 61.01 -0.12 0.00 | 56.28 0.34 0.00 | 51.20 0.40 0.00 | 48.16 0.24 0.00 |
| VALLEY44_115KV_TB2 355964 | 36.82 -3.25 0.00 | 34.50 -2.44 0.00 | 33.26 -2.09 0.00 | 32.73 -2.31 0.00 | 34.31 -2.66 0.00 | 37.21 -3.06 0.00 | 51.80 -4.20 0.00 | 61.43 -5.64 0.02 | 51.63 -4.37 0.00 | 48.31 -3.92 0.00 | 47.76 -3.82 0.00 | 46.23 -4.18 0.00 | 46.05 -4.11 0.00 | 47.05 -3.98 0.00 | 48.16 -4.07 0.00 | 50.89 -4.61 0.02 | 61.79 -5.45 0.02 | 81.31 -5.93 0.02 | 71.74 -6.24 0.00 | 61.05 -5.53 0.00 | 55.81 -5.32 0.00 | 51.86 -4.08 0.00 | 48.40 -2.39 0.00 | 46.58 -1.34 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 40.95 0.88 0.00 | 37.75 0.81 0.00 | 36.09 0.74 0.00 | 35.74 0.70 0.00 | 37.75 0.78 0.00 | 41.11 0.85 0.00 | 57.12 1.12 0.00 | 68.56 1.48 0.00 | 57.18 1.18 0.00 | 53.32 1.10 0.00 | 52.72 1.13 0.00 | 51.63 1.21 0.00 | 51.42 1.25 0.00 | 52.31 1.28 0.00 | 53.54 1.31 0.00 | 56.85 1.33 0.00 | 68.94 1.68 0.00 | 89.45 2.18 0.00 | 80.08 2.11 0.00 | 68.37 1.80 0.00 | 62.72 1.59 0.00 | 57.57 1.62 0.00 | 52.32 1.52 0.00 | 49.36 1.44 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 41.87 1.80 0.00 | 38.56 1.63 0.00 | 36.87 1.52 0.00 | 36.51 1.47 0.00 | 38.60 1.63 0.00 | 42.04 1.77 0.00 | 60.70 4.70 0.00 | 73.00 5.90 0.00 | 60.82 4.82 0.00 | 56.77 4.54 0.00 | 56.02 4.44 0.00 | 54.76 4.34 0.00 | 54.48 4.31 0.00 | 55.32 4.29 0.00 | 56.78 4.54 0.00 | 61.07 5.55 0.00 | 74.39 7.13 0.00 | 96.69 9.42 0.00 | 82.18 4.21 0.00 | 70.10 3.53 0.00 | 64.31 3.18 0.00 | 58.74 2.80 0.00 | 53.28 2.49 0.00 | 50.17 2.25 0.00 |
| VISCHER___FERRY HYD 24020 | 41.71 1.64 0.00 | 38.37 1.44 0.00 | 36.72 1.38 0.00 | 36.41 1.37 0.00 | 38.42 1.44 0.00 | 41.92 1.65 0.00 | 58.13 2.13 0.00 | 69.70 2.61 0.00 | 58.01 2.01 0.00 | 53.95 1.72 0.00 | 53.13 1.55 0.00 | 51.93 1.51 0.00 | 51.72 1.56 0.00 | 52.67 1.63 0.00 | 54.01 1.78 0.00 | 57.51 2.00 0.00 | 69.75 2.49 0.00 | 90.76 3.49 0.00 | 80.86 2.89 0.00 | 69.04 2.46 0.00 | 63.45 2.32 0.00 | 58.01 2.07 0.00 | 52.47 1.67 0.00 | 49.55 1.63 0.00 |
| V_A_10_SYNC_DSASP 323832 | 37.18 -2.88 0.00 | 34.79 -2.14 0.00 | 33.47 -1.87 0.00 | 32.94 -2.10 0.00 | 34.53 -2.44 0.00 | 37.41 -2.86 0.00 | 51.58 -4.42 0.00 | 61.38 -5.70 0.01 | 51.80 -4.20 0.00 | 48.83 -3.39 0.00 | 48.38 -3.20 0.00 | 46.89 -3.53 0.00 | 46.65 -3.51 0.00 | 47.56 -3.47 0.00 | 48.73 -3.50 0.00 | 51.12 -4.39 0.01 | 61.67 -5.58 0.01 | 79.23 -8.03 0.01 | 72.13 -5.85 0.00 | 61.45 -5.13 0.00 | 56.30 -4.83 0.00 | 51.86 -4.08 0.00 | 48.15 -2.64 0.00 | 46.24 -1.68 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 39.62 -0.44 0.00 | 36.49 -0.44 0.00 | 34.89 -0.46 0.00 | 34.66 -0.39 0.00 | 36.57 -0.41 0.00 | 39.87 -0.40 0.00 | 55.61 -0.39 0.00 | 66.48 -0.60 0.00 | 55.61 -0.39 0.00 | 51.76 -0.47 0.00 | 51.17 -0.41 0.00 | 50.07 -0.35 0.00 | 49.76 -0.40 0.00 | 50.47 -0.56 0.00 | 51.71 -0.52 0.00 | 54.90 -0.61 0.00 | 66.66 -0.61 0.00 | 86.39 -0.87 0.00 | 77.27 -0.70 0.00 | 66.04 -0.53 0.00 | 60.83 -0.31 0.00 | 55.72 -0.22 0.00 | 50.59 -0.20 0.00 | 47.68 -0.24 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 38.74 -1.32 0.00 | 35.68 -1.26 0.00 | 34.11 -1.24 0.00 | 33.89 -1.16 0.00 | 35.79 -1.18 0.00 | 39.02 -1.25 0.00 | 54.54 -1.46 0.00 | 65.21 -1.88 0.00 | 54.60 -1.40 0.00 | 50.82 -1.41 0.00 | 50.29 -1.29 0.00 | 49.21 -1.21 0.00 | 48.86 -1.30 0.00 | 49.45 -1.58 0.00 | 50.77 -1.46 0.00 | 53.96 -1.55 0.00 | 65.65 -1.61 0.00 | 85.00 -2.27 0.00 | 76.02 -1.95 0.00 | 65.04 -1.53 0.00 | 59.91 -1.22 0.00 | 54.88 -1.06 0.00 | 49.78 -1.02 0.00 | 46.86 -1.05 0.00 |
| V_D_10_SYNC_DSASP 323841 | 39.91 -0.16 0.00 | 36.79 -0.15 0.00 | 35.17 -0.18 0.00 | 34.94 -0.11 0.00 | 36.86 -0.11 0.00 | 40.19 -0.08 0.00 | 56.06 0.06 0.00 | 67.02 -0.07 0.00 | 56.06 0.06 0.00 | 52.18 -0.05 0.00 | 51.63 0.05 0.00 | 50.52 0.10 0.00 | 50.16 0.00 0.00 | 50.83 -0.20 0.00 | 52.08 -0.16 0.00 | 55.29 -0.22 0.00 | 67.13 -0.13 0.00 | 86.92 -0.35 0.00 | 77.82 -0.16 0.00 | 66.57 0.00 0.00 | 61.38 0.24 0.00 | 56.28 0.34 0.00 | 51.10 0.30 0.00 | 48.16 0.24 0.00 |
| V_E_10_SYNC_DSASP 323830 | 41.75 1.68 0.00 | 38.63 1.70 0.00 | 36.90 1.56 0.00 | 36.48 1.44 0.00 | 38.60 1.63 0.00 | 42.16 1.89 0.00 | 59.86 3.86 0.00 | 72.47 5.37 -0.02 | 60.26 4.26 0.00 | 56.09 3.86 0.00 | 55.19 3.61 0.00 | 53.95 3.53 0.00 | 53.78 3.61 0.00 | 54.61 3.57 0.00 | 56.15 3.92 0.00 | 59.92 4.39 -0.02 | 73.19 5.92 -0.02 | 95.40 8.12 -0.02 | 84.91 6.94 0.00 | 72.37 5.79 0.00 | 66.15 5.01 0.00 | 59.91 3.97 0.00 | 54.50 3.71 0.00 | 51.27 3.35 0.00 |

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| V_F_30_NSYNC___DSASP 323816 | 42.31 2.24 0.00 | 38.93 1.99 0.00 | 37.22 1.87 0.00 | 36.90 1.86 0.00 | 38.93 1.96 0.00 | 42.52 2.25 0.00 | 59.19 3.19 0.00 | 70.98 3.89 0.00 | 58.97 2.97 0.00 | 54.79 2.56 0.00 | 53.95 2.37 0.00 | 52.69 2.27 0.00 | 52.37 2.21 0.00 | 53.33 2.30 0.00 | 54.74 2.51 0.00 | 58.35 2.83 0.00 | 70.89 3.63 0.00 | 92.24 4.97 0.00 | 82.26 4.29 0.00 | 70.10 3.53 0.00 | 64.62 3.48 0.00 | 59.02 3.08 0.00 | 53.38 2.59 0.00 | 50.36 2.44 0.00 |
| V_F_30_SYNC_DSASP 323786 | 41.23 1.16 0.00 | 37.97 1.03 0.00 | 36.30 0.95 0.00 | 35.95 0.91 0.00 | 37.94 0.96 0.00 | 41.23 0.97 0.00 | 56.95 0.95 0.00 | 68.23 1.14 0.00 | 56.78 0.78 0.00 | 52.85 0.63 0.00 | 52.15 0.57 0.00 | 51.08 0.66 0.00 | 50.82 0.65 0.00 | 51.80 0.77 0.00 | 53.02 0.78 0.00 | 56.40 0.89 0.00 | 68.40 1.14 0.00 | 88.84 1.57 0.00 | 79.22 1.25 0.00 | 67.57 1.00 0.00 | 62.17 1.04 0.00 | 56.78 0.84 0.00 | 51.35 0.56 0.00 | 48.64 0.72 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 38.74 -1.32 0.00 | 35.68 -1.26 0.00 | 34.11 -1.24 0.00 | 33.89 -1.16 0.00 | 35.79 -1.18 0.00 | 39.02 -1.25 0.00 | 54.54 -1.46 0.00 | 65.21 -1.88 0.00 | 54.60 -1.40 0.00 | 50.82 -1.41 0.00 | 50.29 -1.29 0.00 | 49.21 -1.21 0.00 | 48.86 -1.30 0.00 | 49.45 -1.58 0.00 | 50.77 -1.46 0.00 | 53.96 -1.55 0.00 | 65.65 -1.61 0.00 | 85.00 -2.27 0.00 | 76.02 -1.95 0.00 | 65.04 -1.53 0.00 | 59.91 -1.22 0.00 | 54.88 -1.06 0.00 | 49.78 -1.02 0.00 | 46.86 -1.05 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 44.43 4.37 0.00 | 40.26 3.32 0.00 | 38.32 2.97 0.00 | 38.09 3.05 0.00 | 40.49 3.51 0.00 | 44.29 4.03 0.00 | 60.76 4.76 0.00 | 71.52 4.43 0.00 | 60.54 4.54 0.00 | 56.82 4.60 0.00 | 57.26 5.67 -0.01 | 55.56 5.14 0.00 | 55.84 5.67 -0.01 | 56.71 5.66 -0.01 | 60.29 5.69 -2.36 | 61.80 6.27 -0.01 | 74.93 7.67 0.00 | 97.92 10.65 -0.01 | 86.87 8.89 -0.01 | 74.17 7.59 -0.01 | 67.99 6.85 -0.01 | 61.89 5.93 -0.02 | 58.81 5.28 -2.74 | 52.82 4.89 -0.02 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 42.67 2.60 0.00 | 39.08 2.14 0.00 | 37.33 1.98 0.00 | 37.07 2.03 0.00 | 39.16 2.18 0.00 | 42.76 2.50 0.00 | 59.64 3.64 0.00 | 71.25 4.16 0.00 | 59.19 3.19 0.00 | 55.26 3.03 0.00 | 54.57 2.99 0.00 | 53.50 3.08 0.00 | 53.32 3.16 0.00 | 54.30 3.27 0.00 | 55.26 3.03 0.00 | 58.79 3.28 0.00 | 71.30 4.04 0.00 | 92.85 5.58 0.00 | 82.42 4.44 0.00 | 70.37 3.79 0.00 | 64.56 3.42 0.00 | 59.08 3.13 0.00 | 53.53 2.74 0.00 | 50.36 2.44 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 43.15 3.09 0.00 | 39.37 2.44 0.00 | 37.65 2.30 0.00 | 37.39 2.35 0.00 | 39.34 2.37 0.00 | 42.93 2.66 0.00 | 59.92 3.92 0.00 | 71.65 4.56 0.00 | 59.53 3.53 0.00 | 55.62 3.39 0.00 | 54.99 3.40 0.00 | 53.95 3.53 0.00 | 53.78 3.61 0.00 | 54.76 3.73 0.00 | 55.68 3.45 0.00 | 59.23 3.72 0.00 | 71.63 4.37 0.00 | 93.37 6.11 0.00 | 82.65 4.68 0.00 | 70.63 4.06 0.00 | 64.80 3.67 0.00 | 59.30 3.36 0.00 | 53.74 2.95 0.00 | 50.55 2.64 0.00 |
| W50THST__13_KV_LOAD 356117 | 43.15 3.09 0.00 | 39.37 2.44 0.00 | 37.68 2.33 0.00 | 37.42 2.38 0.00 | 39.49 2.51 0.00 | 43.09 2.82 0.00 | 60.20 4.20 0.00 | 71.99 4.90 0.00 | 59.86 3.86 0.00 | 55.94 3.71 0.00 | 55.30 3.71 0.00 | 54.30 3.88 0.00 | 54.08 3.91 0.00 | 55.07 4.03 0.00 | 55.99 3.76 0.00 | 59.51 4.00 0.00 | 72.04 4.78 0.00 | 93.90 6.63 0.00 | 83.04 5.07 0.00 | 70.90 4.33 0.00 | 65.04 3.91 0.00 | 59.58 3.64 0.00 | 53.99 3.20 0.00 | 50.75 2.83 0.00 |
| WADING RIVER_IC_1 23522 | 44.15 4.09 0.00 | 39.93 2.99 0.00 | 38.11 2.76 0.00 | 37.78 2.74 0.00 | 40.16 3.18 0.00 | 43.97 3.70 0.00 | 59.70 3.70 0.00 | 70.51 3.42 0.00 | 59.64 3.64 0.00 | 56.30 4.08 0.00 | 56.80 5.21 -0.01 | 55.01 4.59 0.00 | 55.34 5.17 -0.01 | 56.31 5.26 -0.02 | 59.92 5.22 -2.46 | 61.36 5.83 -0.02 | 74.19 6.93 0.00 | 97.04 9.77 -0.01 | 86.09 8.11 -0.01 | 73.50 6.92 -0.01 | 67.25 6.11 -0.01 | 61.65 5.65 -0.06 | 58.52 4.88 -2.86 | 52.49 4.55 -0.02 |
| WADING RIVER_IC_2 23547 | 44.15 4.09 0.00 | 39.93 2.99 0.00 | 38.11 2.76 0.00 | 37.78 2.74 0.00 | 40.16 3.18 0.00 | 43.97 3.70 0.00 | 59.70 3.70 0.00 | 70.51 3.42 0.00 | 59.64 3.64 0.00 | 56.30 4.08 0.00 | 56.80 5.21 -0.01 | 55.01 4.59 0.00 | 55.34 5.17 -0.01 | 56.31 5.26 -0.02 | 59.92 5.22 -2.46 | 61.36 5.83 -0.02 | 74.19 6.93 0.00 | 97.04 9.77 -0.01 | 86.09 8.11 -0.01 | 73.50 6.92 -0.01 | 67.25 6.11 -0.01 | 61.65 5.65 -0.06 | 58.52 4.88 -2.86 | 52.49 4.55 -0.02 |
| WADING RIVER_IC_3 23601 | 44.15 4.09 0.00 | 39.93 2.99 0.00 | 38.11 2.76 0.00 | 37.78 2.74 0.00 | 40.16 3.18 0.00 | 43.97 3.70 0.00 | 59.70 3.70 0.00 | 70.51 3.42 0.00 | 59.64 3.64 0.00 | 56.30 4.08 0.00 | 56.80 5.21 -0.01 | 55.01 4.59 0.00 | 55.34 5.17 -0.01 | 56.31 5.26 -0.02 | 59.92 5.22 -2.46 | 61.36 5.83 -0.02 | 74.19 6.93 0.00 | 97.04 9.77 -0.01 | 86.09 8.11 -0.01 | 73.50 6.92 -0.01 | 67.25 6.11 -0.01 | 61.65 5.65 -0.06 | 58.52 4.88 -2.86 | 52.49 4.55 -0.02 |
| WALDENNY_12_KV_BK2 80841 | 36.86 -3.21 0.00 | 34.57 -2.36 0.00 | 33.33 -2.01 0.00 | 32.76 -2.28 0.00 | 34.28 -2.70 0.00 | 37.05 -3.22 0.00 | 51.13 -4.87 0.00 | 60.83 -6.24 0.02 | 51.41 -4.59 0.00 | 48.36 -3.86 0.00 | 47.87 -3.71 0.00 | 46.39 -4.03 0.00 | 46.20 -3.96 0.00 | 47.16 -3.88 0.00 | 48.32 -3.92 0.00 | 50.89 -4.61 0.02 | 61.46 -5.78 0.02 | 79.66 -7.59 0.02 | 71.81 -6.16 0.00 | 61.11 -5.46 0.00 | 55.88 -5.26 0.00 | 51.69 -4.25 0.00 | 48.30 -2.49 0.00 | 46.48 -1.44 0.00 |
| WALDEN___HYDRO 24148 | 42.39 2.32 0.00 | 38.89 1.96 0.00 | 37.15 1.80 0.00 | 36.90 1.86 0.00 | 38.97 2.00 0.00 | 42.52 2.25 0.00 | 59.30 3.30 0.00 | 70.91 3.82 0.00 | 58.97 2.97 0.00 | 54.94 2.72 0.00 | 54.26 2.68 0.00 | 53.14 2.72 0.00 | 52.97 2.81 0.00 | 53.94 2.91 0.00 | 54.95 2.72 0.00 | 58.51 3.00 0.00 | 71.03 3.77 0.00 | 92.50 5.24 0.00 | 82.18 4.21 0.00 | 70.17 3.59 0.00 | 64.31 3.18 0.00 | 58.91 2.96 0.00 | 53.33 2.54 0.00 | 50.22 2.30 0.00 |
| WARRENSBURG____ 23737 | 42.71 2.64 0.00 | 39.30 2.36 0.00 | 37.61 2.26 0.00 | 37.28 2.24 0.00 | 39.34 2.37 0.00 | 43.05 2.78 0.00 | 59.98 3.98 0.00 | 71.99 4.90 0.00 | 59.75 3.75 0.00 | 55.47 3.24 0.00 | 54.63 3.04 0.00 | 53.29 2.87 0.00 | 52.92 2.76 0.00 | 53.79 2.76 0.00 | 55.26 3.03 0.00 | 58.96 3.44 0.00 | 71.63 4.37 0.00 | 93.29 6.02 0.00 | 83.20 5.22 0.00 | 70.90 4.33 0.00 | 65.53 4.40 0.00 | 59.80 3.86 0.00 | 54.04 3.25 0.00 | 50.99 3.07 0.00 |
| WATERSIDE___6 8 9 23538 | 42.95 2.88 0.00 | 39.34 2.40 0.00 | 37.50 2.16 0.00 | 37.21 2.17 0.00 | 39.45 2.48 0.00 | 42.97 2.70 0.00 | 59.64 3.64 0.00 | 71.11 4.03 0.00 | 59.30 3.30 0.00 | 55.57 3.34 0.00 | 54.93 3.35 0.00 | 53.85 3.43 0.00 | 53.68 3.51 0.00 | 54.71 3.67 0.00 | 55.58 3.34 0.00 | 58.96 3.44 0.00 | 71.15 3.90 0.01 | 92.75 5.50 0.01 | 82.10 4.13 0.01 | 70.16 3.59 0.01 | 64.43 3.30 0.01 | 59.08 3.13 0.00 | 53.74 2.95 0.00 | 50.41 2.49 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 40.79 0.72 0.00 | 37.60 0.66 0.00 | 35.95 0.60 0.00 | 35.64 0.60 0.00 | 37.60 0.63 0.00 | 40.99 0.72 0.00 | 56.95 0.95 0.00 | 68.30 1.21 0.00 | 56.95 0.95 0.00 | 53.12 0.89 0.00 | 52.46 0.88 0.00 | 51.38 0.96 0.00 | 51.12 0.95 0.00 | 52.00 0.97 0.00 | 53.28 1.04 0.00 | 56.57 1.05 0.00 | 68.61 1.35 0.00 | 89.01 1.75 0.00 | 79.61 1.64 0.00 | 67.97 1.40 0.00 | 62.42 1.28 0.00 | 57.17 1.23 0.00 | 51.91 1.12 0.00 | 49.02 1.10 0.00 |

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| WDELAWARE___HYD 323627 | 42.59 2.53 0.00 | 39.08 2.14 0.00 | 37.36 2.01 0.00 | 37.07 2.03 0.00 | 39.16 2.18 0.00 | 42.77 2.50 0.00 | 59.64 3.64 0.00 | 71.58 4.50 0.00 | 59.53 3.53 0.00 | 55.41 3.19 0.00 | 54.62 3.04 0.00 | 53.44 3.02 0.00 | 53.28 3.11 0.00 | 54.25 3.22 0.00 | 55.31 3.08 0.00 | 58.90 3.39 0.00 | 71.63 4.37 0.00 | 93.46 6.20 0.00 | 82.97 4.99 0.00 | 70.77 4.20 0.00 | 64.80 3.67 0.00 | 59.41 3.47 0.00 | 53.79 3.00 0.00 | 50.60 2.68 0.00 |
| WEST BABYLON___IC 23714 | 44.43 4.37 0.00 | 40.26 3.32 0.00 | 38.32 2.97 0.00 | 38.09 3.05 0.00 | 40.49 3.51 0.00 | 44.29 4.03 0.00 | 60.76 4.76 0.00 | 71.52 4.43 0.00 | 60.54 4.54 0.00 | 56.82 4.60 0.00 | 57.26 5.67 -0.01 | 55.56 5.14 0.00 | 55.84 5.67 -0.01 | 56.71 5.66 -0.01 | 60.29 5.69 -2.36 | 61.80 6.27 -0.01 | 74.93 7.67 0.00 | 97.92 10.65 -0.01 | 86.87 8.89 -0.01 | 74.17 7.59 -0.01 | 67.99 6.85 -0.01 | 61.89 5.93 -0.02 | 58.81 5.28 -2.74 | 52.82 4.89 -0.02 |
| WEST CANADA___HYD 24049 | 40.31 0.24 0.00 | 37.16 0.22 0.00 | 35.56 0.21 0.00 | 35.22 0.18 0.00 | 37.20 0.22 0.00 | 40.51 0.24 0.00 | 56.28 0.28 0.00 | 67.43 0.34 0.00 | 56.28 0.28 0.00 | 52.49 0.26 0.00 | 51.84 0.26 0.00 | 50.67 0.25 0.00 | 50.42 0.25 0.00 | 51.34 0.31 0.00 | 52.55 0.32 0.00 | 55.85 0.34 0.00 | 67.60 0.34 0.00 | 87.79 0.53 0.00 | 78.44 0.47 0.00 | 66.91 0.33 0.00 | 61.44 0.31 0.00 | 56.22 0.28 0.00 | 51.05 0.26 0.00 | 48.16 0.24 0.00 |
| WESTERN_NY_WIND 24143 | 37.86 -2.20 0.00 | 35.50 -1.44 0.00 | 34.15 -1.20 0.00 | 33.64 -1.40 0.00 | 35.20 -1.77 0.00 | 38.05 -2.21 0.00 | 52.70 -3.30 0.00 | 62.92 -4.16 0.01 | 53.09 -2.91 0.00 | 49.88 -2.35 0.00 | 49.47 -2.11 0.00 | 47.90 -2.52 0.00 | 47.56 -2.61 0.00 | 48.48 -2.55 0.00 | 49.78 -2.45 0.00 | 52.28 -3.22 0.01 | 63.15 -4.10 0.01 | 81.67 -5.58 0.01 | 74.07 -3.90 0.00 | 63.04 -3.53 0.00 | 57.71 -3.42 0.00 | 53.15 -2.80 0.00 | 49.42 -1.37 0.00 | 47.34 -0.58 0.00 |
| WESTOVER___LESR 323668 | 40.07 0.00 0.00 | 37.05 0.11 0.00 | 35.52 0.18 0.00 | 35.15 0.11 0.00 | 37.05 0.07 0.00 | 40.35 0.08 0.00 | 56.22 0.22 0.00 | 67.96 0.87 0.00 | 56.73 0.73 0.00 | 52.96 0.73 0.00 | 52.30 0.72 0.00 | 51.02 0.61 0.00 | 50.82 0.65 0.00 | 51.75 0.71 0.00 | 52.91 0.68 0.00 | 56.29 0.78 0.00 | 68.20 0.94 0.00 | 88.57 1.31 0.00 | 78.99 1.01 0.00 | 67.44 0.87 0.00 | 61.87 0.73 0.00 | 56.56 0.62 0.00 | 51.50 0.71 0.00 | 48.69 0.77 0.00 |
| WETHRSFD_WT_PWR 323626 | 36.26 -3.81 0.00 | 33.91 -3.03 0.00 | 32.55 -2.79 0.00 | 32.13 -2.91 0.00 | 33.72 -3.25 0.00 | 36.48 -3.79 0.00 | 51.41 -4.59 0.00 | 60.16 -6.91 0.02 | 50.62 -5.38 0.00 | 47.32 -4.91 0.00 | 46.84 -4.74 0.00 | 45.38 -5.04 0.00 | 45.20 -4.97 0.00 | 46.18 -4.85 0.00 | 47.43 -4.80 0.00 | 50.05 -5.44 0.02 | 60.65 -6.59 0.02 | 78.95 -8.29 0.02 | 71.81 -6.16 0.00 | 60.71 -5.86 0.00 | 55.87 -5.26 0.00 | 51.47 -4.48 0.00 | 48.00 -2.79 0.00 | 46.20 -1.72 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 42.47 2.40 0.00 | 38.93 1.99 0.00 | 37.19 1.84 0.00 | 36.93 1.89 0.00 | 39.01 2.03 0.00 | 42.56 2.30 0.00 | 59.30 3.30 0.00 | 70.85 3.76 0.00 | 58.80 2.80 0.00 | 54.89 2.66 0.00 | 54.26 2.68 0.00 | 53.19 2.77 0.00 | 53.02 2.86 0.00 | 53.99 2.96 0.00 | 54.95 2.72 0.00 | 58.46 2.94 0.00 | 70.83 3.56 0.00 | 92.24 4.97 0.00 | 81.87 3.90 0.00 | 69.90 3.33 0.00 | 64.13 3.00 0.00 | 58.74 2.80 0.00 | 53.18 2.39 0.00 | 50.08 2.16 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 42.47 2.40 0.00 | 38.93 1.99 0.00 | 37.19 1.84 0.00 | 36.93 1.89 0.00 | 39.01 2.03 0.00 | 42.56 2.30 0.00 | 59.30 3.30 0.00 | 70.85 3.76 0.00 | 58.80 2.80 0.00 | 54.89 2.66 0.00 | 54.26 2.68 0.00 | 53.19 2.77 0.00 | 53.02 2.86 0.00 | 53.99 2.96 0.00 | 54.95 2.72 0.00 | 58.46 2.94 0.00 | 70.83 3.56 0.00 | 92.24 4.97 0.00 | 81.87 3.90 0.00 | 69.90 3.33 0.00 | 64.13 3.00 0.00 | 58.74 2.80 0.00 | 53.18 2.39 0.00 | 50.08 2.16 0.00 |
| WHITEHAL_115KV_TB1 80871 | 43.19 3.13 0.00 | 39.78 2.84 0.00 | 38.03 2.69 0.00 | 37.67 2.63 0.00 | 39.79 2.81 0.00 | 43.57 3.30 0.00 | 60.87 4.87 0.00 | 73.06 5.97 0.00 | 60.48 4.48 0.00 | 56.04 3.81 0.00 | 55.14 3.56 0.00 | 53.75 3.33 0.00 | 53.37 3.21 0.00 | 54.25 3.22 0.00 | 55.79 3.55 0.00 | 59.57 4.05 0.00 | 72.57 5.31 0.00 | 94.77 7.50 0.00 | 84.52 6.55 0.00 | 72.03 5.46 0.00 | 66.57 5.44 0.00 | 60.70 4.76 0.00 | 54.75 3.96 0.00 | 51.61 3.69 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 43.11 3.04 0.00 | 39.48 2.55 0.00 | 37.75 2.40 0.00 | 37.46 2.42 0.00 | 39.56 2.59 0.00 | 43.17 2.90 0.00 | 60.26 4.26 0.00 | 72.12 5.03 0.00 | 60.03 4.03 0.00 | 56.04 3.81 0.00 | 55.40 3.82 0.00 | 54.30 3.88 0.00 | 54.13 3.96 0.00 | 55.07 4.03 0.00 | 56.10 3.87 0.00 | 59.68 4.16 0.00 | 72.30 5.04 0.00 | 94.33 7.07 0.00 | 83.59 5.61 0.00 | 71.30 4.73 0.00 | 65.35 4.22 0.00 | 59.80 3.86 0.00 | 54.09 3.30 0.00 | 50.89 2.97 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 44.11 4.05 0.00 | 39.93 2.99 0.00 | 38.00 2.65 0.00 | 37.78 2.73 0.00 | 40.15 3.18 0.00 | 43.93 3.66 0.00 | 60.09 4.09 0.00 | 70.51 3.42 0.00 | 59.86 3.86 0.00 | 56.30 4.07 0.00 | 56.80 5.21 -0.01 | 55.01 4.59 0.00 | 55.34 5.17 -0.01 | 56.25 5.21 -0.02 | 59.92 5.22 -2.46 | 61.30 5.77 -0.02 | 74.19 6.93 0.00 | 96.87 9.60 -0.01 | 86.01 8.03 -0.01 | 73.44 6.86 -0.01 | 67.38 6.24 -0.01 | 61.59 5.59 -0.06 | 58.52 4.88 -2.85 | 52.44 4.50 -0.02 |
| WOODARD__115KV_TB2 355635 | 39.58 -0.48 0.00 | 36.60 -0.33 0.00 | 35.06 -0.28 0.00 | 34.73 -0.32 0.00 | 36.61 -0.37 0.00 | 39.82 -0.44 0.00 | 55.38 -0.62 0.00 | 66.55 -0.54 0.00 | 55.61 -0.39 0.00 | 51.97 -0.26 0.00 | 51.38 -0.21 0.00 | 50.12 -0.30 0.00 | 49.81 -0.35 0.00 | 50.73 -0.31 0.00 | 51.92 -0.31 0.00 | 55.18 -0.33 0.00 | 66.79 -0.47 0.00 | 86.48 -0.79 0.00 | 77.35 -0.62 0.00 | 66.04 -0.53 0.00 | 60.52 -0.61 0.00 | 55.33 -0.62 0.00 | 50.33 -0.46 0.00 | 47.54 -0.38 0.00 |
| WOODMERE_69_KV_BK1 55827 | 43.99 3.93 0.00 | 39.93 2.99 0.00 | 38.03 2.69 0.00 | 37.78 2.73 0.00 | 40.08 3.11 0.00 | 43.81 3.54 0.00 | 60.26 4.26 0.00 | 71.11 4.03 0.00 | 59.98 3.98 0.00 | 56.30 4.07 0.00 | 56.54 4.95 -0.01 | 55.06 4.64 0.00 | 55.24 5.07 -0.01 | 55.90 4.85 -0.01 | 59.14 4.70 -2.20 | 60.86 5.33 -0.01 | 73.85 6.59 0.00 | 96.35 9.08 -0.01 | 85.39 7.41 -0.01 | 72.97 6.39 -0.01 | 66.95 5.81 -0.01 | 60.94 4.98 -0.01 | 57.61 4.27 -2.55 | 51.96 4.03 -0.02 |
| YORK___WARBASSE 23770 | 43.24 3.17 -0.01 | 39.60 2.66 -0.01 | 37.76 2.40 -0.01 | 37.50 2.45 -0.01 | 39.76 2.77 -0.01 | 43.17 2.90 0.00 | 59.70 3.70 0.00 | 71.18 4.09 0.00 | 59.25 3.25 0.00 | 55.67 3.45 0.00 | 55.04 3.46 0.00 | 54.05 3.63 0.00 | 53.88 3.71 0.00 | 54.81 3.78 0.00 | 55.63 3.40 0.00 | 59.01 3.50 0.00 | 71.22 3.97 0.01 | 92.93 5.67 0.01 | 82.25 4.29 0.01 | 70.23 3.66 0.01 | 64.43 3.30 0.01 | 59.24 3.30 0.00 | 54.09 3.30 0.00 | 50.79 2.88 0.00 |