

Day Ahead Market Generator LBMP

| | | --- LBMP \$ | | | | | | | | --- Marginal Cost of Losses | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | |
|-------------------------------|------|-------------|-------|-------|-------|-------|-------|-------|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|--|--|--|
| Generator Data | | 02/06/2024 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 37.38 | 34.53 | 34.05 | 34.80 | 34.94 | 37.78 | 48.43 | 55.99 | 45.55 | 40.59 | 40.67 | 40.78 | 40.81 | 40.03 | 40.78 | 40.31 | 43.13 | 50.80 | 50.85 | 49.32 | 43.07 | 41.86 | 39.69 | 37.81 | | | |
| | | 2.08 | 2.02 | 1.93 | 1.91 | 1.91 | 2.14 | 3.63 | 4.86 | 3.69 | 2.83 | 2.60 | 2.58 | 2.52 | 2.48 | 2.54 | 2.56 | 2.83 | 3.69 | 3.93 | 3.54 | 3.22 | 2.69 | 2.43 | 2.34 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -2.46 | -4.18 | -4.69 | -4.87 | -4.83 | -3.19 | -3.53 | -4.61 | -1.68 | -4.07 | -1.46 | -1.22 | -0.97 | -0.01 | | | |
| 74TH STREET_GT_1 24260 | EST | 37.38 | 34.43 | 33.92 | 34.67 | 34.91 | 37.71 | 48.03 | 54.96 | 45.30 | 40.48 | 40.65 | 40.76 | 40.83 | 40.06 | 40.81 | 40.30 | 43.12 | 50.80 | 50.79 | 49.36 | 43.02 | 41.93 | 39.82 | 37.80 | | | |
| | | 2.08 | 1.92 | 1.80 | 1.78 | 1.88 | 2.07 | 3.23 | 3.83 | 3.43 | 2.72 | 2.53 | 2.48 | 2.45 | 2.42 | 2.47 | 2.49 | 2.76 | 3.61 | 3.85 | 3.50 | 3.15 | 2.73 | 2.54 | 2.34 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -2.51 | -4.26 | -4.78 | -4.97 | -4.92 | -3.26 | -3.60 | -4.70 | -1.70 | -4.15 | -1.49 | -1.24 | -0.98 | 0.00 | | | |
| 74TH STREET_GT_2 24261 | EST | 37.38 | 34.43 | 33.92 | 34.67 | 34.91 | 37.71 | 48.03 | 54.96 | 45.30 | 40.48 | 40.65 | 40.76 | 40.83 | 40.06 | 40.81 | 40.30 | 43.12 | 50.80 | 50.79 | 49.36 | 43.02 | 41.93 | 39.82 | 37.80 | | | |
| | | 2.08 | 1.92 | 1.80 | 1.78 | 1.88 | 2.07 | 3.23 | 3.83 | 3.43 | 2.72 | 2.53 | 2.48 | 2.45 | 2.42 | 2.47 | 2.49 | 2.76 | 3.61 | 3.85 | 3.50 | 3.15 | 2.73 | 2.54 | 2.34 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -2.51 | -4.26 | -4.78 | -4.97 | -4.92 | -3.26 | -3.60 | -4.70 | -1.70 | -4.15 | -1.49 | -1.24 | -0.98 | 0.00 | | | |
| ADK HUDSON___FALLS 24011 | EST | 36.43 | 33.55 | 33.12 | 33.91 | 34.12 | 36.86 | 47.05 | 53.73 | 43.84 | 39.03 | 36.60 | 35.00 | 34.47 | 33.42 | 34.28 | 35.49 | 37.95 | 44.19 | 47.32 | 43.58 | 40.15 | 39.32 | 37.46 | 36.49 | | | |
| | | 1.13 | 1.04 | 1.00 | 1.02 | 1.09 | 1.21 | 2.24 | 2.61 | 1.97 | 1.28 | 1.00 | 0.99 | 0.87 | 0.75 | 0.87 | 0.93 | 1.18 | 1.70 | 2.08 | 1.88 | 1.77 | 1.37 | 1.16 | 1.03 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ADK RESOURCE___RCVRY 23798 | EST | 36.50 | 33.61 | 33.21 | 34.01 | 34.21 | 37.14 | 47.27 | 54.30 | 44.00 | 39.18 | 36.67 | 35.03 | 34.51 | 33.45 | 34.28 | 35.49 | 37.98 | 44.27 | 47.46 | 43.70 | 40.26 | 39.39 | 37.49 | 36.53 | | | |
| | | 1.20 | 1.11 | 1.09 | 1.12 | 1.19 | 1.50 | 2.46 | 3.17 | 2.13 | 1.43 | 1.07 | 1.02 | 0.91 | 0.78 | 0.87 | 0.93 | 1.21 | 1.78 | 2.22 | 2.00 | 1.88 | 1.44 | 1.20 | 1.06 | | | |
| | | 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 | | | |
| ADK S GLENS___FALLS 24028 | EST | 36.43 | 33.55 | 33.12 | 33.91 | 34.12 | 36.86 | 47.05 | 53.73 | 43.84 | 39.03 | 36.60 | 35.00 | 34.47 | 33.42 | 34.28 | 35.49 | 37.95 | 44.19 | 47.32 | 43.58 | 40.15 | 39.32 | 37.46 | 36.49 | | | |
| | | 1.13 | 1.04 | 1.00 | 1.02 | 1.09 | 1.21 | 2.24 | 2.61 | 1.97 | 1.28 | 1.00 | 0.99 | 0.87 | 0.75 | 0.87 | 0.93 | 1.18 | 1.70 | 2.08 | 1.88 | 1.77 | 1.37 | 1.16 | 1.03 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ADK_NYS___DAM 23527 | EST | 37.10 | 34.20 | 33.79 | 34.57 | 34.71 | 37.53 | 47.58 | 54.60 | 44.46 | 39.67 | 37.35 | 35.81 | 35.31 | 34.37 | 35.15 | 36.32 | 38.68 | 44.99 | 47.95 | 44.20 | 40.65 | 39.92 | 38.11 | 37.27 | | | |
| | | 1.80 | 1.69 | 1.67 | 1.68 | 1.68 | 1.89 | 2.78 | 3.48 | 2.60 | 1.92 | 1.74 | 1.80 | 1.71 | 1.70 | 1.74 | 1.76 | 1.91 | 2.51 | 2.71 | 2.50 | 2.26 | 1.97 | 1.81 | 1.81 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 35.65 | 32.83 | 32.41 | 33.16 | 33.32 | 36.04 | 45.52 | 51.94 | 42.54 | 38.01 | 35.78 | 34.38 | 33.94 | 33.03 | 33.81 | 34.90 | 37.10 | 43.13 | 46.01 | 42.37 | 39.00 | 38.33 | 36.59 | 35.71 | | | |
| | | 0.35 | 0.33 | 0.29 | 0.26 | 0.30 | 0.39 | 0.72 | 0.82 | 0.67 | 0.26 | 0.18 | 0.37 | 0.34 | 0.36 | 0.40 | 0.35 | 0.33 | 0.64 | 0.77 | 0.67 | 0.61 | 0.38 | 0.29 | 0.25 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 35.51 | 32.61 | 32.25 | 33.06 | 33.23 | 35.68 | 44.40 | 50.77 | 41.57 | 37.93 | 35.85 | 34.11 | 33.77 | 32.87 | 33.58 | 34.69 | 36.88 | 42.23 | 44.92 | 41.41 | 38.11 | 38.06 | 36.51 | 35.78 | | | |
| | | 0.21 | 0.10 | 0.13 | 0.16 | 0.20 | 0.04 | -0.40 | -0.36 | -0.29 | 0.19 | 0.25 | 0.10 | 0.17 | 0.20 | 0.17 | 0.14 | 0.11 | -0.25 | -0.32 | -0.29 | -0.27 | 0.11 | 0.22 | 0.32 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 36.50 | 33.65 | 33.24 | 34.05 | 34.15 | 36.97 | 46.69 | 53.43 | 43.42 | 38.76 | 36.46 | 34.89 | 34.44 | 33.55 | 34.35 | 35.49 | 37.80 | 43.97 | 46.91 | 43.24 | 39.84 | 39.16 | 37.38 | 36.56 | | | |
| | | 1.20 | 1.14 | 1.12 | 1.15 | 1.12 | 1.32 | 1.88 | 2.30 | 1.55 | 1.02 | 0.85 | 0.88 | 0.84 | 0.88 | 0.93 | 0.93 | 1.03 | 1.49 | 1.67 | 1.54 | 1.46 | 1.21 | 1.09 | 1.10 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 36.50 | 33.65 | 33.24 | 34.01 | 34.15 | 36.93 | 46.64 | 53.37 | 43.42 | 38.76 | 36.46 | 34.89 | 34.44 | 33.55 | 34.32 | 35.49 | 37.80 | 43.93 | 46.91 | 43.24 | 39.84 | 39.16 | 37.38 | 36.56 | | | |
| | | 1.20 | 1.14 | 1.12 | 1.12 | 1.12 | 1.28 | 1.84 | 2.25 | 1.55 | 1.02 | 0.85 | 0.88 | 0.84 | 0.88 | 0.90 | 0.93 | 1.03 | 1.45 | 1.67 | 1.54 | 1.46 | 1.21 | 1.09 | 1.10 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 35.65 | 32.83 | 32.41 | 33.16 | 33.32 | 36.04 | 45.52 | 51.94 | 42.54 | 38.01 | 35.78 | 34.38 | 33.94 | 33.03 | 33.81 | 34.90 | 37.10 | 43.13 | 46.01 | 42.37 | 39.00 | 38.33 | 36.59 | 35.71 | | | |
| | | 0.35 | 0.33 | 0.29 | 0.26 | 0.30 | 0.39 | 0.72 | 0.82 | 0.67 | 0.26 | 0.18 | 0.37 | 0.34 | 0.36 | 0.40 | 0.35 | 0.33 | 0.64 | 0.77 | 0.67 | 0.61 | 0.38 | 0.29 | 0.25 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 35.65 0.35 0.00 | 32.83 0.33 0.00 | 32.41 0.29 0.00 | 33.16 0.26 0.00 | 33.32 0.30 0.00 | 36.04 0.39 0.00 | 45.52 0.72 0.00 | 51.94 0.82 0.00 | 42.54 0.67 0.00 | 38.01 0.26 0.00 | 35.78 0.18 0.00 | 34.38 0.37 0.00 | 33.94 0.34 0.00 | 33.03 0.36 0.00 | 33.81 0.40 0.00 | 34.90 0.35 0.00 | 37.10 0.33 0.00 | 43.13 0.64 0.00 | 46.01 0.77 0.00 | 42.37 0.67 0.00 | 39.00 0.61 0.00 | 38.33 0.38 0.00 | 36.59 0.29 0.00 | 35.71 0.25 0.00 |
| ALBANY___3 23573 | 35.65 0.35 0.00 | 32.83 0.33 0.00 | 32.41 0.29 0.00 | 33.16 0.26 0.00 | 33.32 0.30 0.00 | 36.04 0.39 0.00 | 45.52 0.72 0.00 | 51.94 0.82 0.00 | 42.54 0.67 0.00 | 38.01 0.26 0.00 | 35.78 0.18 0.00 | 34.38 0.37 0.00 | 33.94 0.34 0.00 | 33.03 0.36 0.00 | 33.81 0.40 0.00 | 34.90 0.35 0.00 | 37.10 0.33 0.00 | 43.13 0.64 0.00 | 46.01 0.77 0.00 | 42.37 0.67 0.00 | 39.00 0.61 0.00 | 38.33 0.38 0.00 | 36.59 0.29 0.00 | 35.71 0.25 0.00 |
| ALBANY___4 23574 | 35.65 0.35 0.00 | 32.83 0.33 0.00 | 32.41 0.29 0.00 | 33.16 0.26 0.00 | 33.32 0.30 0.00 | 36.04 0.39 0.00 | 45.52 0.72 0.00 | 51.94 0.82 0.00 | 42.54 0.67 0.00 | 38.01 0.26 0.00 | 35.78 0.18 0.00 | 34.38 0.37 0.00 | 33.94 0.34 0.00 | 33.03 0.36 0.00 | 33.81 0.40 0.00 | 34.90 0.35 0.00 | 37.10 0.33 0.00 | 43.13 0.64 0.00 | 46.01 0.77 0.00 | 42.37 0.67 0.00 | 39.00 0.61 0.00 | 38.33 0.38 0.00 | 36.59 0.29 0.00 | 35.71 0.25 0.00 |
| ALBANY___LFGE 323615 | 36.01 0.71 0.00 | 33.16 0.65 0.00 | 32.80 0.68 0.00 | 33.55 0.66 0.00 | 33.65 0.63 0.00 | 36.47 0.82 0.00 | 46.11 1.30 0.00 | 52.91 1.79 0.00 | 43.04 1.17 0.00 | 38.42 0.68 0.00 | 36.21 0.60 0.00 | 34.69 0.68 0.00 | 34.24 0.64 0.00 | 33.36 0.69 0.00 | 34.12 0.70 0.00 | 35.21 0.65 0.00 | 37.50 0.74 0.00 | 43.59 1.10 0.00 | 46.50 1.26 0.00 | 42.83 1.13 0.00 | 39.42 1.04 0.00 | 38.75 0.80 0.00 | 36.95 0.65 0.00 | 36.10 0.64 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 35.69 0.39 0.00 | 32.74 0.23 0.00 | 32.38 0.26 0.00 | 33.22 0.33 0.00 | 33.39 0.36 0.00 | 35.86 0.21 0.00 | 44.63 -0.18 0.00 | 51.02 -0.10 0.00 | 41.78 -0.08 0.00 | 38.12 0.38 0.00 | 36.00 0.39 0.00 | 34.18 0.17 0.00 | 33.87 0.27 0.00 | 32.93 0.26 0.00 | 33.68 0.27 0.00 | 34.80 0.24 0.00 | 37.03 0.26 0.00 | 42.45 -0.04 0.00 | 45.10 -0.14 0.00 | 41.58 -0.13 0.00 | 38.27 -0.12 0.00 | 38.25 0.30 0.00 | 36.62 0.33 0.00 | 35.96 0.50 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 35.69 0.39 0.00 | 32.74 0.23 0.00 | 32.38 0.26 0.00 | 33.22 0.33 0.00 | 33.39 0.36 0.00 | 35.86 0.21 0.00 | 44.63 -0.18 0.00 | 51.02 -0.10 0.00 | 41.78 -0.08 0.00 | 38.12 0.38 0.00 | 36.00 0.39 0.00 | 34.18 0.17 0.00 | 33.87 0.27 0.00 | 32.93 0.26 0.00 | 33.68 0.27 0.00 | 34.80 0.24 0.00 | 37.03 0.26 0.00 | 42.45 -0.04 0.00 | 45.10 -0.14 0.00 | 41.58 -0.13 0.00 | 38.27 -0.12 0.00 | 38.25 0.30 0.00 | 36.62 0.33 0.00 | 35.96 0.50 0.00 |
| ALCOA___DSASP 323711 | 35.69 0.39 0.00 | 32.74 0.23 0.00 | 32.41 0.29 0.00 | 33.22 0.33 0.00 | 33.39 0.36 0.00 | 35.86 0.22 0.00 | 44.63 -0.18 0.00 | 50.56 -0.56 0.00 | 41.78 -0.08 0.00 | 38.12 0.38 0.00 | 36.00 0.39 0.00 | 34.18 0.17 0.00 | 33.87 0.27 0.00 | 32.93 0.26 0.00 | 33.65 0.24 0.00 | 34.83 0.28 0.00 | 37.03 0.26 0.00 | 42.45 -0.04 0.00 | 45.10 -0.14 0.00 | 41.58 -0.12 0.00 | 38.27 -0.11 0.00 | 38.22 0.27 0.00 | 36.62 0.33 0.00 | 35.96 0.50 0.00 |
| ALLEGHENY___COGEN 23514 | 34.56 -0.74 0.00 | 31.76 -0.75 0.00 | 31.38 -0.74 0.00 | 32.17 -0.72 0.00 | 32.23 -0.79 0.00 | 35.32 -0.32 0.00 | 44.50 -0.31 -0.01 | 50.73 -0.41 -0.01 | 41.25 -0.63 -0.01 | 36.88 -0.87 0.00 | 34.43 -1.17 0.00 | 32.75 -1.26 0.00 | 32.29 -1.31 0.00 | 31.23 -1.44 0.00 | 32.00 -1.40 0.01 | 33.20 -1.35 0.01 | 35.55 -1.18 0.04 | 41.86 -0.64 -0.01 | 44.53 -0.73 -0.01 | 41.29 -0.42 -0.01 | 38.01 -0.38 -0.01 | 36.58 -1.10 0.27 | 34.91 -1.34 0.04 | 34.29 -1.17 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 36.15 0.85 0.00 | 33.32 0.81 0.00 | 32.89 0.77 0.00 | 33.65 0.76 0.00 | 33.82 0.79 0.00 | 36.54 0.89 0.00 | 46.19 1.39 0.00 | 52.71 1.58 0.00 | 43.17 1.30 0.00 | 38.61 0.87 0.00 | 36.35 0.75 0.00 | 34.83 0.82 0.00 | 34.37 0.77 0.00 | 33.46 0.78 0.00 | 34.25 0.84 0.00 | 35.38 0.83 0.00 | 37.69 0.92 0.00 | 43.76 1.27 0.00 | 46.64 1.40 0.00 | 42.99 1.29 0.00 | 39.57 1.19 0.00 | 38.90 0.95 0.00 | 37.13 0.83 0.00 | 36.28 0.82 0.00 |
| ALTONA_WT_PWR 323606 | 36.82 1.52 0.00 | 33.65 1.14 0.00 | 33.34 1.22 0.00 | 34.24 1.35 0.00 | 34.38 1.35 0.00 | 37.11 1.46 0.00 | 45.84 1.03 0.00 | 51.94 0.82 0.00 | 42.91 1.05 0.00 | 39.21 1.47 0.00 | 36.96 1.35 0.00 | 34.96 0.95 0.00 | 34.71 1.11 0.00 | 33.78 1.11 0.00 | 34.51 1.10 0.00 | 35.73 1.18 0.00 | 38.13 1.36 0.00 | 43.85 1.36 0.00 | 46.46 1.22 0.00 | 42.78 1.08 0.00 | 39.34 0.96 0.00 | 39.20 1.25 0.00 | 37.42 1.13 0.00 | 37.20 1.74 0.00 |
| AMERICAN_REF_FUEL 24010 | 31.31 -3.99 0.00 | 28.84 -3.67 0.00 | 28.49 -3.63 0.00 | 29.24 -3.65 0.00 | 29.33 -3.70 0.00 | 32.15 -3.49 0.00 | 39.33 -5.47 0.01 | 44.36 -6.75 0.01 | 36.29 -5.57 0.01 | 32.95 -4.79 0.00 | 31.15 -4.45 0.00 | 29.76 -4.25 0.00 | 29.53 -4.07 0.00 | 28.55 -4.12 0.00 | 29.19 -4.21 0.01 | 30.23 -4.32 0.01 | 31.60 -5.11 0.06 | 36.78 -5.69 0.01 | 39.21 -6.02 0.01 | 36.27 -5.42 0.01 | 33.46 -4.91 0.01 | 32.22 -5.39 0.34 | 31.41 -4.83 0.06 | 31.10 -4.36 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 33.15 -2.15 0.00 | 30.59 -1.92 0.00 | 30.26 -1.86 0.00 | 31.12 -1.78 0.00 | 31.21 -1.82 0.00 | 34.26 -1.39 0.00 | 41.98 -2.82 0.01 | 47.28 -3.84 0.01 | 38.89 -2.97 0.01 | 35.40 -2.34 0.00 | 33.47 -2.14 0.00 | 31.90 -2.11 0.00 | 31.62 -1.98 0.00 | 30.51 -2.16 0.00 | 31.17 -2.24 0.01 | 32.34 -2.21 0.01 | 33.45 -3.27 0.05 | 39.25 -3.23 0.01 | 41.66 -3.57 0.01 | 38.52 -3.17 0.01 | 35.61 -2.76 0.01 | 33.92 -3.72 0.32 | 33.05 -3.19 0.05 | 33.19 -2.27 0.00 |
| ARTHUR KILL_GT_1 23520 | 37.39 2.08 -0.01 | 34.53 2.02 0.00 | 34.02 1.89 0.00 | 34.77 1.87 0.00 | 34.88 1.85 0.00 | 37.61 1.96 0.00 | 43.79 3.27 4.28 | 43.52 4.40 12.01 | 42.25 3.02 2.63 | 39.99 2.23 -0.02 | 40.24 2.14 -2.49 | 40.38 2.14 -4.23 | 40.50 2.12 -4.78 | 39.73 2.09 -4.97 | 40.48 2.14 -4.92 | 39.95 2.14 -3.26 | 42.68 2.32 -3.60 | 51.09 3.32 -5.29 | 85.37 3.57 -36.56 | 53.60 3.21 -8.68 | 42.71 2.84 -1.49 | 41.89 2.69 -1.24 | 44.29 2.47 -5.52 | 37.85 2.38 -0.01 |
| ARTHUR_KILL_2 23512 | 37.28 1.98 -0.01 | 34.46 1.95 0.00 | 33.95 1.83 0.00 | 34.67 1.78 0.00 | 34.81 1.78 0.00 | 37.53 1.89 0.00 | 43.66 3.14 4.28 | 43.36 4.24 12.01 | 42.12 2.89 2.63 | 39.87 2.11 -0.02 | 40.16 2.06 -2.49 | 40.28 2.04 -4.23 | 40.39 2.02 -4.78 | 39.63 1.99 -4.97 | 40.37 2.04 -4.92 | 39.85 2.04 -3.26 | 42.57 2.21 -3.60 | 50.92 3.14 -5.29 | 85.23 3.44 -36.56 | 53.47 3.09 -8.68 | 42.59 2.73 -1.49 | 41.78 2.58 -1.24 | 44.18 2.36 -5.52 | 37.78 2.30 -0.01 |
| ARTHUR_KILL_3 23513 | 36.99 1.69 0.00 | 34.20 1.69 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.61 1.59 0.00 | 37.43 1.78 0.00 | 43.65 3.14 4.29 | 43.35 4.24 12.01 | 42.41 3.18 2.64 | 40.10 2.34 -0.02 | 40.26 2.17 -2.49 | 40.41 2.18 -4.22 | 40.44 2.12 -4.73 | 39.68 2.09 -4.92 | 40.42 2.14 -4.87 | 39.92 2.14 -3.22 | 41.66 2.39 -2.50 | 42.20 3.14 3.43 | 42.41 3.35 6.18 | 41.99 3.04 2.75 | 41.93 2.80 -0.75 | 41.53 2.35 -1.23 | 43.95 2.14 -5.52 | 37.46 1.98 -0.01 |

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| ARTHUR_KILL_COGEN 323718 | 37.39 2.08 -0.01 | 34.53 2.02 0.00 | 34.02 1.89 0.00 | 34.77 1.87 0.00 | 34.88 1.85 0.00 | 37.61 1.96 0.00 | 43.79 3.27 4.28 | 43.52 4.40 12.01 | 42.25 3.02 2.63 | 39.99 2.23 -0.02 | 40.24 2.14 -2.49 | 40.38 2.14 -4.23 | 40.50 2.12 -4.78 | 39.73 2.09 -4.97 | 40.48 2.14 -4.92 | 39.95 2.14 -3.26 | 42.68 2.32 -3.60 | 51.09 3.32 -5.29 | 85.37 3.57 -36.56 | 53.60 3.21 -8.68 | 42.71 2.84 -1.49 | 41.89 2.69 -1.24 | 44.29 2.47 -5.52 | 37.85 2.38 -0.01 |
| ASHOKAN____ 23654 | 37.06 1.76 0.00 | 34.17 1.66 0.00 | 33.73 1.61 0.00 | 34.54 1.64 0.00 | 34.68 1.65 0.00 | 37.46 1.82 0.00 | 47.63 2.82 0.00 | 54.35 3.22 0.00 | 43.88 2.01 0.00 | 38.76 1.02 0.00 | 36.28 0.67 0.00 | 34.55 0.54 0.00 | 34.04 0.44 0.00 | 33.23 0.55 0.00 | 34.08 0.67 0.00 | 35.25 0.69 0.00 | 37.84 1.07 0.00 | 44.53 2.04 0.00 | 47.50 2.26 0.00 | 43.66 1.96 0.00 | 40.15 1.77 0.00 | 39.35 1.40 0.00 | 37.67 1.38 0.00 | 36.81 1.35 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.82 1.70 0.00 | 34.54 1.64 0.00 | 34.68 1.65 0.00 | 37.46 1.82 0.00 | 48.12 3.32 0.00 | 55.57 4.45 0.00 | 45.17 3.31 0.00 | 40.20 2.45 -0.01 | 40.38 2.28 -2.49 | 40.52 2.28 -4.23 | 40.59 2.25 -4.73 | 39.82 2.22 -4.92 | 40.56 2.27 -4.88 | 40.03 2.24 -3.23 | 42.80 2.46 -3.57 | 50.52 3.36 -4.68 | 50.64 3.57 -1.82 | 49.08 3.25 -4.13 | 42.78 2.92 -1.48 | 41.88 2.69 -1.24 | 39.74 2.47 -0.98 | 37.74 2.27 -0.01 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.82 1.70 0.00 | 34.54 1.64 0.00 | 34.68 1.65 0.00 | 37.46 1.82 0.00 | 48.12 3.32 0.00 | 55.57 4.45 0.00 | 45.17 3.31 0.00 | 40.17 2.42 -0.01 | 40.38 2.28 -2.49 | 40.52 2.28 -4.23 | 40.59 2.25 -4.73 | 39.82 2.22 -4.92 | 40.56 2.27 -4.88 | 40.03 2.24 -3.23 | 42.80 2.46 -3.57 | 50.52 3.36 -4.68 | 50.64 3.57 -1.82 | 49.08 3.25 -4.13 | 42.78 2.92 -1.48 | 41.88 2.69 -1.24 | 39.74 2.47 -0.98 | 37.74 2.27 -0.01 |
| ASTORIA_GT2_1 24094 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.44 1.55 0.00 | 34.71 1.68 0.00 | 37.43 1.78 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.28 -4.73 | 39.85 2.25 -4.92 | 40.60 2.31 -4.88 | 40.13 2.35 -3.23 | 42.95 2.61 -3.57 | 50.56 3.40 -4.68 | 50.77 3.71 -1.82 | 49.21 3.38 -4.13 | 42.93 3.07 -1.48 | 41.80 2.62 -1.24 | 39.74 2.47 -0.98 | 37.77 2.31 0.00 |
| ASTORIA_GT2_2 24095 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.44 1.55 0.00 | 34.71 1.68 0.00 | 37.43 1.78 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.28 -4.73 | 39.85 2.25 -4.92 | 40.60 2.31 -4.88 | 40.13 2.35 -3.23 | 42.95 2.61 -3.57 | 50.56 3.40 -4.68 | 50.77 3.71 -1.82 | 49.21 3.38 -4.13 | 42.93 3.07 -1.48 | 41.80 2.62 -1.24 | 39.74 2.47 -0.98 | 37.77 2.31 0.00 |
| ASTORIA_GT2_3 24096 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.44 1.55 0.00 | 34.71 1.68 0.00 | 37.43 1.78 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.28 -4.73 | 39.85 2.25 -4.92 | 40.60 2.31 -4.88 | 40.13 2.35 -3.23 | 42.95 2.61 -3.57 | 50.56 3.40 -4.68 | 50.77 3.71 -1.82 | 49.21 3.38 -4.13 | 42.93 3.07 -1.48 | 41.80 2.62 -1.24 | 39.74 2.47 -0.98 | 37.77 2.31 0.00 |
| ASTORIA_GT2_4 24097 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.44 1.55 0.00 | 34.71 1.68 0.00 | 37.43 1.78 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.28 -4.73 | 39.85 2.25 -4.92 | 40.60 2.31 -4.88 | 40.13 2.35 -3.23 | 42.95 2.61 -3.57 | 50.56 3.40 -4.68 | 50.77 3.71 -1.82 | 49.21 3.38 -4.13 | 42.93 3.07 -1.48 | 41.80 2.62 -1.24 | 39.74 2.47 -0.98 | 37.77 2.31 0.00 |
| ASTORIA_GT3_1 24098 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.44 1.55 0.00 | 34.71 1.68 0.00 | 37.43 1.78 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.28 -4.73 | 39.85 2.25 -4.92 | 40.60 2.31 -4.88 | 40.13 2.35 -3.23 | 42.95 2.61 -3.57 | 50.56 3.40 -4.68 | 50.77 3.71 -1.82 | 49.21 3.38 -4.13 | 42.93 3.07 -1.48 | 41.80 2.62 -1.24 | 39.74 2.47 -0.98 | 37.77 2.31 0.00 |
| ASTORIA_GT3_2 24099 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.44 1.55 0.00 | 34.71 1.68 0.00 | 37.43 1.78 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.28 -4.73 | 39.85 2.25 -4.92 | 40.60 2.31 -4.88 | 40.13 2.35 -3.23 | 42.95 2.61 -3.57 | 50.56 3.40 -4.68 | 50.77 3.71 -1.82 | 49.21 3.38 -4.13 | 42.93 3.07 -1.48 | 41.80 2.62 -1.24 | 39.74 2.47 -0.98 | 37.77 2.31 0.00 |
| ASTORIA_GT3_3 24100 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.44 1.55 0.00 | 34.71 1.68 0.00 | 37.43 1.78 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.28 -4.73 | 39.85 2.25 -4.92 | 40.60 2.31 -4.88 | 40.13 2.35 -3.23 | 42.95 2.61 -3.57 | 50.56 3.40 -4.68 | 50.77 3.71 -1.82 | 49.21 3.38 -4.13 | 42.93 3.07 -1.48 | 41.80 2.62 -1.24 | 39.74 2.47 -0.98 | 37.77 2.31 0.00 |
| ASTORIA_GT3_4 24101 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.44 1.55 0.00 | 34.71 1.68 0.00 | 37.43 1.78 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.28 -4.73 | 39.85 2.25 -4.92 | 40.60 2.31 -4.88 | 40.13 2.35 -3.23 | 42.95 2.61 -3.57 | 50.56 3.40 -4.68 | 50.77 3.71 -1.82 | 49.21 3.38 -4.13 | 42.93 3.07 -1.48 | 41.80 2.62 -1.24 | 39.74 2.47 -0.98 | 37.77 2.31 0.00 |
| ASTORIA_GT4_1 24102 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.44 1.55 0.00 | 34.71 1.68 0.00 | 37.43 1.78 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.28 -4.73 | 39.85 2.25 -4.92 | 40.60 2.31 -4.88 | 40.13 2.35 -3.23 | 42.95 2.61 -3.57 | 50.56 3.40 -4.68 | 50.77 3.71 -1.82 | 49.21 3.38 -4.13 | 42.93 3.07 -1.48 | 41.80 2.62 -1.24 | 39.74 2.47 -0.98 | 37.77 2.31 0.00 |
| ASTORIA_GT4_2 24103 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.44 1.55 0.00 | 34.71 1.68 0.00 | 37.43 1.78 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.28 -4.73 | 39.85 2.25 -4.92 | 40.60 2.31 -4.88 | 40.13 2.35 -3.23 | 42.95 2.61 -3.57 | 50.56 3.40 -4.68 | 50.77 3.71 -1.82 | 49.21 3.38 -4.13 | 42.93 3.07 -1.48 | 41.80 2.62 -1.24 | 39.74 2.47 -0.98 | 37.77 2.31 0.00 |
| ASTORIA_GT4_3 24104 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.44 1.55 0.00 | 34.71 1.68 0.00 | 37.43 1.78 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.28 -4.73 | 39.85 2.25 -4.92 | 40.60 2.31 -4.88 | 40.13 2.35 -3.23 | 42.95 2.61 -3.57 | 50.56 3.40 -4.68 | 50.77 3.71 -1.82 | 49.21 3.38 -4.13 | 42.93 3.07 -1.48 | 41.80 2.62 -1.24 | 39.74 2.47 -0.98 | 37.77 2.31 0.00 |

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| ASTORIA_GT4_4 24105 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.44 1.55 0.00 | 34.71 1.68 0.00 | 37.43 1.78 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.28 -4.73 | 39.85 2.25 -4.92 | 40.60 2.31 -4.88 | 40.13 2.35 -3.23 | 42.95 2.61 -3.57 | 50.56 3.40 -4.68 | 50.77 3.71 -1.82 | 49.21 3.38 -4.13 | 42.93 3.07 -1.48 | 41.80 2.62 -1.24 | 39.74 2.47 -0.98 | 37.77 2.31 0.00 |
| ASTORIA_GT_1 23523 | 37.20 1.90 0.00 | 34.39 1.88 0.00 | 33.89 1.77 0.00 | 34.60 1.71 0.00 | 34.74 1.72 0.00 | 37.53 1.89 0.00 | 48.21 3.40 0.00 | 55.73 4.60 0.00 | 45.30 3.43 0.00 | 40.28 2.53 -0.01 | 40.48 2.39 -2.49 | 40.62 2.38 -4.23 | 40.65 2.32 -4.73 | 39.88 2.29 -4.92 | 40.63 2.34 -4.88 | 40.14 2.35 -3.23 | 42.91 2.57 -3.57 | 50.65 3.48 -4.68 | 50.77 3.71 -1.82 | 49.20 3.38 -4.13 | 42.89 3.03 -1.48 | 41.95 2.77 -1.24 | 39.81 2.54 -0.98 | 37.81 2.34 -0.01 |
| ASTORIA_GT_10 24110 | 37.10 1.80 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.75 1.72 0.00 | 37.46 1.82 0.00 | 47.72 2.91 0.00 | 54.60 3.48 0.00 | 45.01 3.14 0.00 | 40.21 2.45 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.09 2.28 -3.26 | 42.90 2.54 -3.60 | 50.58 3.36 -4.73 | 50.84 3.66 -1.94 | 49.21 3.34 -4.17 | 42.86 2.99 -1.49 | 41.74 2.54 -1.24 | 39.68 2.40 -0.98 | 37.70 2.23 0.00 |
| ASTORIA_GT_11 24225 | 37.10 1.80 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.75 1.72 0.00 | 37.46 1.82 0.00 | 47.72 2.91 0.00 | 54.60 3.48 0.00 | 45.01 3.14 0.00 | 40.21 2.45 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.09 2.28 -3.26 | 42.90 2.54 -3.60 | 50.58 3.36 -4.73 | 50.84 3.66 -1.94 | 49.21 3.34 -4.17 | 42.86 2.99 -1.49 | 41.74 2.54 -1.24 | 39.68 2.40 -0.98 | 37.70 2.23 0.00 |
| ASTORIA_GT_12 24226 | 37.10 1.80 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.75 1.72 0.00 | 37.46 1.82 0.00 | 47.72 2.91 0.00 | 54.60 3.48 0.00 | 45.01 3.14 0.00 | 40.21 2.45 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.09 2.28 -3.26 | 42.90 2.54 -3.60 | 50.58 3.36 -4.73 | 50.84 3.66 -1.94 | 49.21 3.34 -4.17 | 42.86 2.99 -1.49 | 41.74 2.54 -1.24 | 39.68 2.40 -0.98 | 37.70 2.23 0.00 |
| ASTORIA_GT_13 24227 | 37.10 1.80 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.75 1.72 0.00 | 37.46 1.82 0.00 | 47.72 2.91 0.00 | 54.60 3.48 0.00 | 45.01 3.14 0.00 | 40.21 2.45 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.09 2.28 -3.26 | 42.90 2.54 -3.60 | 50.58 3.36 -4.73 | 50.84 3.66 -1.94 | 49.21 3.34 -4.17 | 42.86 2.99 -1.49 | 41.74 2.54 -1.24 | 39.68 2.40 -0.98 | 37.70 2.23 0.00 |
| ASTORIA_GT_5 24106 | 37.21 1.91 0.00 | 34.33 1.82 0.00 | 33.76 1.64 0.00 | 34.47 1.58 0.00 | 34.78 1.75 0.00 | 37.46 1.82 0.00 | 47.85 3.05 0.00 | 54.70 3.58 0.00 | 45.13 3.27 0.00 | 40.29 2.53 -0.02 | 40.48 2.39 -2.49 | 40.62 2.38 -4.23 | 40.69 2.35 -4.73 | 39.92 2.32 -4.92 | 40.66 2.37 -4.88 | 40.20 2.42 -3.23 | 43.02 2.68 -3.57 | 50.65 3.48 -4.68 | 50.86 3.80 -1.82 | 49.29 3.46 -4.13 | 43.01 3.15 -1.48 | 41.88 2.69 -1.24 | 39.81 2.54 -0.98 | 37.80 2.34 0.00 |
| ASTORIA_GT_7 24107 | 37.21 1.91 0.00 | 34.33 1.82 0.00 | 33.76 1.64 0.00 | 34.47 1.58 0.00 | 34.78 1.75 0.00 | 37.46 1.82 0.00 | 47.85 3.05 0.00 | 54.70 3.58 0.00 | 45.13 3.27 0.00 | 40.29 2.53 -0.02 | 40.48 2.39 -2.49 | 40.62 2.38 -4.23 | 40.69 2.35 -4.73 | 39.92 2.32 -4.92 | 40.66 2.37 -4.88 | 40.20 2.42 -3.23 | 43.02 2.68 -3.57 | 50.65 3.48 -4.68 | 50.86 3.80 -1.82 | 49.29 3.46 -4.13 | 43.01 3.15 -1.48 | 41.88 2.69 -1.24 | 39.81 2.54 -0.98 | 37.80 2.34 0.00 |
| ASTORIA_GT_8 24108 | 37.21 1.91 0.00 | 34.33 1.82 0.00 | 33.76 1.64 0.00 | 34.47 1.58 0.00 | 34.78 1.75 0.00 | 37.46 1.82 0.00 | 47.85 3.05 0.00 | 54.70 3.58 0.00 | 45.13 3.27 0.00 | 40.29 2.53 -0.02 | 40.48 2.39 -2.49 | 40.62 2.38 -4.23 | 40.69 2.35 -4.73 | 39.92 2.32 -4.92 | 40.66 2.37 -4.88 | 40.20 2.42 -3.23 | 43.02 2.68 -3.57 | 50.65 3.48 -4.68 | 50.86 3.80 -1.82 | 49.29 3.46 -4.13 | 43.01 3.15 -1.48 | 41.88 2.69 -1.24 | 39.81 2.54 -0.98 | 37.80 2.34 0.00 |
| ASTORIA___2 24149 | 37.17 1.87 0.00 | 34.36 1.85 0.00 | 33.85 1.73 0.00 | 34.57 1.68 0.00 | 34.68 1.65 0.00 | 37.50 1.85 0.00 | 48.12 3.32 0.00 | 55.63 4.50 0.00 | 45.22 3.35 0.00 | 40.20 2.45 -0.01 | 40.41 2.31 -2.49 | 40.55 2.31 -4.23 | 40.62 2.29 -4.73 | 39.82 2.22 -4.92 | 40.56 2.27 -4.88 | 40.06 2.28 -3.23 | 42.84 2.50 -3.57 | 50.57 3.40 -4.68 | 50.68 3.62 -1.82 | 49.12 3.29 -4.13 | 42.82 2.96 -1.48 | 41.88 2.69 -1.24 | 39.74 2.47 -0.98 | 37.78 2.30 -0.01 |
| ASTORIA___3 23516 | 37.10 1.80 0.00 | 34.36 1.85 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.57 4.45 0.00 | 45.09 3.22 0.00 | 40.18 2.42 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.60 2.22 -4.78 | 39.83 2.19 -4.97 | 40.57 2.24 -4.92 | 40.06 2.24 -3.26 | 42.79 2.43 -3.60 | 50.54 3.32 -4.73 | 50.71 3.53 -1.94 | 49.09 3.21 -4.17 | 42.75 2.88 -1.49 | 41.85 2.66 -1.24 | 39.67 2.39 -0.98 | 37.71 2.24 -0.01 |
| ASTORIA___4 23517 | 37.10 1.80 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.75 1.72 0.00 | 37.46 1.82 0.00 | 47.72 2.91 0.00 | 54.60 3.48 0.00 | 45.01 3.14 0.00 | 40.21 2.45 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.09 2.28 -3.26 | 42.90 2.54 -3.60 | 50.58 3.36 -4.73 | 50.84 3.66 -1.94 | 49.21 3.34 -4.17 | 42.86 2.99 -1.49 | 41.74 2.54 -1.24 | 39.68 2.40 -0.98 | 37.70 2.23 0.00 |
| ASTORIA___5 23518 | 37.10 1.80 0.00 | 34.36 1.85 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.57 4.45 0.00 | 45.09 3.22 0.00 | 40.18 2.42 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.60 2.22 -4.78 | 39.83 2.19 -4.97 | 40.57 2.24 -4.92 | 40.06 2.24 -3.26 | 42.79 2.43 -3.60 | 50.54 3.32 -4.73 | 50.71 3.53 -1.94 | 49.09 3.21 -4.17 | 42.75 2.88 -1.49 | 41.85 2.66 -1.24 | 39.67 2.39 -0.98 | 37.71 2.24 -0.01 |
| AST_ENERGY_2_CC3 323677 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.03 3.23 0.00 | 55.47 4.34 0.00 | 45.05 3.18 0.00 | 40.14 2.38 -0.02 | 40.30 2.21 -2.49 | 40.44 2.21 -4.22 | 40.48 2.15 -4.73 | 39.71 2.12 -4.92 | 40.49 2.20 -4.87 | 39.96 2.18 -3.22 | 42.75 2.43 -3.56 | 50.37 3.23 -4.65 | 50.36 3.44 -1.69 | 48.90 3.09 -4.11 | 42.65 2.80 -1.47 | 41.61 2.43 -1.23 | 39.48 2.21 -0.97 | 37.56 2.09 -0.01 |
| AST_ENERGY_2_CC4 323678 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.03 3.23 0.00 | 55.47 4.34 0.00 | 45.05 3.18 0.00 | 40.14 2.38 -0.02 | 40.30 2.21 -2.49 | 40.44 2.21 -4.22 | 40.48 2.15 -4.73 | 39.71 2.12 -4.92 | 40.49 2.20 -4.87 | 39.96 2.18 -3.22 | 42.75 2.43 -3.56 | 50.37 3.23 -4.65 | 50.36 3.44 -1.69 | 48.90 3.09 -4.11 | 42.65 2.80 -1.47 | 41.61 2.43 -1.23 | 39.48 2.21 -0.97 | 37.56 2.09 -0.01 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_1 23668 | 36.43 1.13 0.00 | 33.58 1.07 0.00 | 33.18 1.06 0.00 | 33.95 1.05 0.00 | 34.05 1.02 0.00 | 36.79 1.14 0.00 | 46.73 1.93 0.00 | 53.63 2.50 0.00 | 43.67 1.80 0.00 | 38.99 1.24 0.00 | 36.74 1.14 0.00 | 35.17 1.16 0.00 | 34.74 1.14 0.00 | 33.78 1.11 0.00 | 34.58 1.17 0.00 | 35.69 1.14 0.00 | 38.06 1.29 0.00 | 44.23 1.74 0.00 | 47.10 1.86 0.00 | 43.41 1.71 0.00 | 39.96 1.57 0.00 | 39.28 1.33 0.00 | 37.46 1.16 0.00 | 36.60 1.13 0.00 |
| ATHENS_STG_2 23670 | 36.43 1.13 0.00 | 33.58 1.07 0.00 | 33.18 1.06 0.00 | 33.95 1.05 0.00 | 34.05 1.02 0.00 | 36.79 1.14 0.00 | 46.73 1.93 0.00 | 53.63 2.50 0.00 | 43.67 1.80 0.00 | 38.99 1.24 0.00 | 36.74 1.14 0.00 | 35.17 1.16 0.00 | 34.74 1.14 0.00 | 33.78 1.11 0.00 | 34.58 1.17 0.00 | 35.69 1.14 0.00 | 38.06 1.29 0.00 | 44.23 1.74 0.00 | 47.10 1.86 0.00 | 43.41 1.71 0.00 | 39.96 1.57 0.00 | 39.28 1.33 0.00 | 37.46 1.16 0.00 | 36.60 1.13 0.00 |
| ATHENS_STG_3 23677 | 36.43 1.13 0.00 | 33.58 1.07 0.00 | 33.18 1.06 0.00 | 33.95 1.05 0.00 | 34.05 1.02 0.00 | 36.79 1.14 0.00 | 46.73 1.93 0.00 | 53.63 2.50 0.00 | 43.67 1.80 0.00 | 38.99 1.24 0.00 | 36.74 1.14 0.00 | 35.17 1.16 0.00 | 34.74 1.14 0.00 | 33.78 1.11 0.00 | 34.58 1.17 0.00 | 35.69 1.14 0.00 | 38.06 1.29 0.00 | 44.23 1.74 0.00 | 47.10 1.86 0.00 | 43.41 1.71 0.00 | 39.96 1.57 0.00 | 39.28 1.33 0.00 | 37.46 1.16 0.00 | 36.60 1.13 0.00 |
| AUBURN___LFGE 323710 | 34.67 -0.64 0.00 | 31.99 -0.52 0.00 | 31.64 -0.48 0.00 | 32.43 -0.46 0.00 | 32.50 -0.53 0.00 | 35.36 -0.29 0.00 | 44.83 0.00 -0.02 | 50.95 -0.20 -0.03 | 41.73 -0.17 -0.03 | 37.37 -0.38 0.00 | 35.11 -0.50 0.00 | 33.47 -0.54 0.00 | 33.03 -0.57 0.00 | 32.05 -0.62 0.00 | 32.77 -0.63 0.00 | 33.96 -0.59 0.00 | 36.23 -0.51 0.02 | 42.26 -0.25 -0.03 | 45.00 -0.27 -0.03 | 41.56 -0.17 -0.03 | 38.26 -0.15 -0.03 | 37.27 -0.53 0.15 | 35.58 -0.69 0.02 | 34.79 -0.67 0.00 |
| BABYLON_RES_REC 323704 | 45.02 2.76 -6.96 | 41.90 2.63 -6.76 | 39.99 2.54 -5.34 | 41.02 2.53 -5.59 | 43.36 2.54 -7.79 | 47.12 2.82 -8.66 | 57.13 4.48 -7.84 | 61.73 5.67 -4.93 | 54.23 4.27 -8.10 | 51.22 3.28 -10.20 | 47.50 3.06 -8.84 | 45.69 3.03 -8.65 | 44.60 2.96 -8.04 | 42.72 2.88 -7.17 | 43.82 2.97 -7.43 | 44.93 3.04 -7.33 | 53.81 3.38 -13.66 | 67.98 4.42 -21.07 | 67.09 4.70 -17.14 | 60.58 4.21 -14.67 | 52.36 3.84 -10.14 | 51.00 3.42 -9.63 | 44.83 3.08 -5.45 | 41.63 2.91 -3.26 |
| BABYLON___69_KV_BK2 356345 | 45.47 3.21 -6.96 | 42.26 2.99 -6.76 | 40.31 2.86 -5.34 | 41.35 2.86 -5.59 | 43.79 2.97 -7.79 | 47.55 3.24 -8.66 | 57.67 5.02 -7.84 | 61.78 5.73 -4.93 | 54.74 4.77 -8.10 | 51.71 3.77 -10.20 | 48.00 3.56 -8.84 | 46.13 3.47 -8.65 | 45.04 3.39 -8.04 | 43.17 3.33 -7.17 | 44.29 3.44 -7.43 | 45.41 3.52 -7.33 | 54.40 3.97 -13.66 | 68.74 5.18 -21.07 | 67.85 5.47 -17.14 | 61.33 4.96 -14.67 | 53.01 4.49 -10.14 | 51.53 3.95 -9.63 | 45.34 3.59 -5.45 | 42.09 3.37 -3.26 |
| BALL_HILL_WT_PWR 323825 | 32.87 -2.44 0.00 | 30.30 -2.21 0.00 | 29.94 -2.19 0.00 | 30.76 -2.14 0.00 | 30.85 -2.18 0.00 | 33.83 -1.82 0.00 | 41.39 -3.41 0.01 | 46.52 -4.60 0.01 | 38.30 -3.56 0.01 | 34.80 -2.94 0.00 | 32.93 -2.67 0.00 | 31.39 -2.62 0.00 | 31.15 -2.45 0.00 | 30.09 -2.58 0.00 | 30.73 -2.67 0.01 | 31.89 -2.66 0.01 | 33.00 -3.71 0.05 | 38.70 -3.78 0.01 | 41.12 -4.12 0.01 | 38.06 -3.63 0.01 | 35.15 -3.22 0.01 | 33.49 -4.14 0.32 | 32.69 -3.56 0.05 | 32.77 -2.70 0.00 |
| BARON_WINDS___WT_PWR 323822 | 35.12 -0.18 0.00 | 32.41 -0.10 0.00 | 32.06 -0.06 0.00 | 32.86 -0.03 0.00 | 32.99 -0.03 0.00 | 36.00 0.36 0.00 | 45.18 0.36 -0.02 | 51.30 0.15 -0.02 | 41.97 0.08 -0.02 | 37.71 -0.04 0.00 | 35.50 -0.11 0.00 | 33.81 -0.20 0.00 | 33.43 -0.17 0.00 | 32.38 -0.29 0.00 | 33.11 -0.30 0.00 | 34.34 -0.21 0.00 | 36.26 -0.48 0.03 | 42.51 0.00 -0.02 | 45.13 -0.14 -0.02 | 41.81 0.08 -0.02 | 38.56 0.15 -0.02 | 37.14 -0.61 0.20 | 35.61 -0.65 0.03 | 35.39 -0.07 0.00 |
| BARRETT_IC_1 23704 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |
| BARRETT_IC_10 23701 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |
| BARRETT_IC_11 23702 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |
| BARRETT_IC_12 23703 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |
| BARRETT_IC_2 23705 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |
| BARRETT_IC_3 23706 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |
| BARRETT_IC_4 23707 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_5 23708 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |
| BARRETT_IC_6 23709 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |
| BARRETT_IC_7 23710 | 44.56 2.29 -6.96 | 41.45 2.18 -6.76 | 39.58 2.12 -5.34 | 40.59 2.11 -5.59 | 42.96 2.15 -7.79 | 46.59 2.28 -8.66 | 56.01 3.36 -7.84 | 59.94 3.89 -4.93 | 53.31 3.35 -8.09 | 50.62 2.68 -10.20 | 46.90 2.46 -8.84 | 45.08 2.41 -8.65 | 44.03 2.39 -8.04 | 42.23 2.39 -7.17 | 43.25 2.41 -7.43 | 44.37 2.49 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.59 3.07 -10.14 | 50.23 2.66 -9.63 | 44.24 2.50 -5.44 | 41.02 2.31 -3.26 |
| BARRETT_IC_8 23711 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |
| BARRETT_IC_9 23700 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |
| BARRETT___1 23545 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |
| BARRETT___2 23546 | 44.59 2.33 -6.96 | 41.51 2.24 -6.76 | 39.67 2.21 -5.34 | 40.69 2.20 -5.59 | 42.96 2.15 -7.79 | 46.62 2.32 -8.66 | 56.23 3.59 -7.84 | 60.71 4.65 -4.93 | 53.47 3.52 -8.09 | 50.62 2.68 -10.20 | 46.90 2.45 -8.84 | 45.11 2.45 -8.65 | 44.03 2.39 -8.04 | 42.20 2.35 -7.17 | 43.25 2.41 -7.43 | 44.34 2.45 -7.33 | 53.08 2.65 -13.66 | 67.00 3.44 -21.07 | 66.08 3.66 -17.18 | 59.75 3.38 -14.67 | 51.60 3.07 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.02 2.30 -3.26 |
| BATAVIA___115KV_TB1 55881 | 33.01 -2.29 0.00 | 30.56 -1.95 0.00 | 30.39 -1.73 0.00 | 31.15 -1.74 0.00 | 30.78 -2.25 0.00 | 33.93 -1.71 0.00 | 42.42 -2.37 0.01 | 47.38 -3.73 0.01 | 38.96 -2.89 0.01 | 34.88 -2.87 0.00 | 32.76 -2.85 0.00 | 31.22 -2.79 0.00 | 30.91 -2.69 0.00 | 29.89 -2.78 0.00 | 30.56 -2.84 0.01 | 31.71 -2.83 0.01 | 33.40 -3.31 0.06 | 39.16 -3.31 0.01 | 41.74 -3.48 0.01 | 38.43 -3.25 0.01 | 35.53 -2.84 0.01 | 34.19 -3.42 0.34 | 33.08 -3.16 0.06 | 32.59 -2.87 0.00 |
| BAYONEEC___CTG1 323682 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.52 4.40 0.00 | 45.14 3.27 0.00 | 40.21 2.45 -0.02 | 40.34 2.24 -2.49 | 40.47 2.24 -4.22 | 40.51 2.18 -4.73 | 39.74 2.16 -4.92 | 40.52 2.24 -4.87 | 39.99 2.21 -3.22 | 42.79 2.46 -3.56 | 50.37 3.23 -4.66 | 50.38 3.44 -1.70 | 48.94 3.13 -4.11 | 42.73 2.88 -1.47 | 41.65 2.47 -1.23 | 39.52 2.25 -0.97 | 37.56 2.09 -0.01 |
| BAYONEEC___CTG10 323750 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.52 4.40 0.00 | 45.14 3.27 0.00 | 40.21 2.45 -0.02 | 40.34 2.24 -2.49 | 40.47 2.24 -4.22 | 40.51 2.18 -4.73 | 39.74 2.16 -4.92 | 40.52 2.24 -4.87 | 39.99 2.21 -3.22 | 42.79 2.46 -3.56 | 50.37 3.23 -4.66 | 50.38 3.44 -1.70 | 48.94 3.13 -4.11 | 42.73 2.88 -1.47 | 41.65 2.47 -1.23 | 39.52 2.25 -0.97 | 37.56 2.09 -0.01 |
| BAYONEEC___CTG2 323683 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.52 4.40 0.00 | 45.14 3.27 0.00 | 40.21 2.45 -0.02 | 40.34 2.24 -2.49 | 40.47 2.24 -4.22 | 40.51 2.18 -4.73 | 39.74 2.16 -4.92 | 40.52 2.24 -4.87 | 39.99 2.21 -3.22 | 42.79 2.46 -3.56 | 50.37 3.23 -4.66 | 50.38 3.44 -1.70 | 48.94 3.13 -4.11 | 42.73 2.88 -1.47 | 41.65 2.47 -1.23 | 39.52 2.25 -0.97 | 37.56 2.09 -0.01 |
| BAYONEEC___CTG3 323684 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.52 4.40 0.00 | 45.14 3.27 0.00 | 40.21 2.45 -0.02 | 40.34 2.24 -2.49 | 40.47 2.24 -4.22 | 40.51 2.18 -4.73 | 39.74 2.16 -4.92 | 40.52 2.24 -4.87 | 39.99 2.21 -3.22 | 42.79 2.46 -3.56 | 50.37 3.23 -4.66 | 50.38 3.44 -1.70 | 48.94 3.13 -4.11 | 42.73 2.88 -1.47 | 41.65 2.47 -1.23 | 39.52 2.25 -0.97 | 37.56 2.09 -0.01 |
| BAYONEEC___CTG4 323685 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.52 4.40 0.00 | 45.14 3.27 0.00 | 40.21 2.45 -0.02 | 40.34 2.24 -2.49 | 40.47 2.24 -4.22 | 40.51 2.18 -4.73 | 39.74 2.16 -4.92 | 40.52 2.24 -4.87 | 39.99 2.21 -3.22 | 42.79 2.46 -3.56 | 50.37 3.23 -4.66 | 50.38 3.44 -1.70 | 48.94 3.13 -4.11 | 42.73 2.88 -1.47 | 41.65 2.47 -1.23 | 39.52 2.25 -0.97 | 37.56 2.09 -0.01 |
| BAYONEEC___CTG5 323686 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.52 4.40 0.00 | 45.14 3.27 0.00 | 40.21 2.45 -0.02 | 40.34 2.24 -2.49 | 40.47 2.24 -4.22 | 40.51 2.18 -4.73 | 39.74 2.16 -4.92 | 40.52 2.24 -4.87 | 39.99 2.21 -3.22 | 42.79 2.46 -3.56 | 50.37 3.23 -4.66 | 50.38 3.44 -1.70 | 48.94 3.13 -4.11 | 42.73 2.88 -1.47 | 41.65 2.47 -1.23 | 39.52 2.25 -0.97 | 37.56 2.09 -0.01 |
| BAYONEEC___CTG6 323687 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.52 4.40 0.00 | 45.14 3.27 0.00 | 40.21 2.45 -0.02 | 40.34 2.24 -2.49 | 40.47 2.24 -4.22 | 40.51 2.18 -4.73 | 39.74 2.16 -4.92 | 40.52 2.24 -4.87 | 39.99 2.21 -3.22 | 42.79 2.46 -3.56 | 50.37 3.23 -4.66 | 50.38 3.44 -1.70 | 48.94 3.13 -4.11 | 42.73 2.88 -1.47 | 41.65 2.47 -1.23 | 39.52 2.25 -0.97 | 37.56 2.09 -0.01 |

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| BAYONEEC___CTG7 323688 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.52 4.40 0.00 | 45.14 3.27 0.00 | 40.21 2.45 -0.02 | 40.34 2.24 -2.49 | 40.47 2.24 -4.22 | 40.51 2.18 -4.73 | 39.74 2.16 -4.92 | 40.52 2.24 -4.87 | 39.99 2.21 -3.22 | 42.79 2.46 -3.56 | 50.37 3.23 -4.66 | 50.38 3.44 -1.70 | 48.94 3.13 -4.11 | 42.73 2.88 -1.47 | 41.65 2.47 -1.23 | 39.52 2.25 -0.97 | 37.56 2.09 -0.01 |
| BAYONEEC___CTG8 323689 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.52 4.40 0.00 | 45.14 3.27 0.00 | 40.21 2.45 -0.02 | 40.34 2.24 -2.49 | 40.47 2.24 -4.22 | 40.51 2.18 -4.73 | 39.74 2.16 -4.92 | 40.52 2.24 -4.87 | 39.99 2.21 -3.22 | 42.79 2.46 -3.56 | 50.37 3.23 -4.66 | 50.38 3.44 -1.70 | 48.94 3.13 -4.11 | 42.73 2.88 -1.47 | 41.65 2.47 -1.23 | 39.52 2.25 -0.97 | 37.56 2.09 -0.01 |
| BAYONEEC___CTG9 323749 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.52 4.40 0.00 | 45.14 3.27 0.00 | 40.21 2.45 -0.02 | 40.34 2.24 -2.49 | 40.47 2.24 -4.22 | 40.51 2.18 -4.73 | 39.74 2.16 -4.92 | 40.52 2.24 -4.87 | 39.99 2.21 -3.22 | 42.79 2.46 -3.56 | 50.37 3.23 -4.66 | 50.38 3.44 -1.70 | 48.94 3.13 -4.11 | 42.73 2.88 -1.47 | 41.65 2.47 -1.23 | 39.52 2.25 -0.97 | 37.56 2.09 -0.01 |
| BEACON___LESR 323632 | 36.36 1.06 0.00 | 33.48 0.97 0.00 | 33.08 0.96 0.00 | 33.85 0.95 0.00 | 34.02 0.99 0.00 | 36.86 1.21 0.00 | 46.64 1.84 0.00 | 53.53 2.40 0.00 | 43.50 1.63 0.00 | 38.80 1.06 0.00 | 36.53 0.92 0.00 | 35.00 0.99 0.00 | 34.51 0.91 0.00 | 33.62 0.95 0.00 | 34.41 1.00 0.00 | 35.56 1.00 0.00 | 37.87 1.10 0.00 | 44.06 1.57 0.00 | 47.05 1.81 0.00 | 43.33 1.62 0.00 | 39.92 1.54 0.00 | 39.16 1.21 0.00 | 37.35 1.05 0.00 | 36.46 0.99 0.00 |
| BEAVER RIVER___HYD 24048 | 35.41 0.11 0.00 | 32.51 0.00 0.00 | 32.12 0.00 0.00 | 32.96 0.07 0.00 | 33.19 0.17 0.00 | 35.90 0.25 0.00 | 45.30 0.49 0.00 | 51.74 0.62 0.00 | 42.12 0.25 0.00 | 37.90 0.15 0.00 | 35.43 -0.18 0.00 | 33.67 -0.34 0.00 | 33.20 -0.40 0.00 | 32.28 -0.39 0.00 | 33.05 -0.37 0.00 | 34.32 -0.24 0.00 | 36.91 0.15 0.01 | 43.04 0.55 0.00 | 45.87 0.63 0.00 | 42.24 0.54 0.00 | 38.81 0.42 0.00 | 38.18 0.27 0.03 | 36.40 0.11 0.01 | 35.61 0.14 0.00 |
| BEEBEE_GT_13 23619 | 33.25 -2.05 0.00 | 30.72 -1.79 0.00 | 30.48 -1.64 0.00 | 31.25 -1.64 0.00 | 31.01 -2.01 0.00 | 34.01 -1.64 0.00 | 42.69 -2.11 0.01 | 48.30 -2.81 0.02 | 39.46 -2.39 0.02 | 35.33 -2.42 0.00 | 33.22 -2.39 0.00 | 31.70 -2.31 0.00 | 31.35 -2.25 0.00 | 30.35 -2.32 0.00 | 31.07 -2.34 0.01 | 32.20 -2.35 0.01 | 34.25 -2.46 0.06 | 39.92 -2.55 0.02 | 42.55 -2.67 0.02 | 39.26 -2.42 0.02 | 36.18 -2.19 0.02 | 35.13 -2.47 0.36 | 33.84 -2.40 0.06 | 33.02 -2.45 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 37.53 2.22 -0.01 | 34.59 2.08 0.00 | 34.05 1.93 0.00 | 34.77 1.87 0.00 | 35.04 2.01 0.00 | 37.78 2.14 0.00 | 47.94 3.14 0.00 | 54.96 3.83 0.00 | 45.34 3.47 0.00 | 40.48 2.72 -0.02 | 40.72 2.60 -2.51 | 40.86 2.58 -4.26 | 40.93 2.55 -4.78 | 40.16 2.52 -4.97 | 40.91 2.57 -4.92 | 40.44 2.63 -3.26 | 43.31 2.94 -3.60 | 51.64 3.87 -5.29 | 86.06 4.25 -36.56 | 54.26 3.88 -8.68 | 43.29 3.42 -1.49 | 42.12 2.92 -1.24 | 44.58 2.76 -5.52 | 38.05 2.59 0.00 |
| BETHLEHEM___GRP 23843 | 35.65 0.35 0.00 | 32.83 0.33 0.00 | 32.41 0.29 0.00 | 33.16 0.26 0.00 | 33.32 0.30 0.00 | 36.04 0.39 0.00 | 45.52 0.72 0.00 | 51.94 0.82 0.00 | 42.54 0.67 0.00 | 38.01 0.26 0.00 | 35.78 0.18 0.00 | 34.38 0.37 0.00 | 33.94 0.34 0.00 | 33.03 0.36 0.00 | 33.81 0.40 0.00 | 34.90 0.35 0.00 | 37.10 0.33 0.00 | 43.13 0.64 0.00 | 46.01 0.77 0.00 | 42.37 0.67 0.00 | 39.00 0.61 0.00 | 38.33 0.38 0.00 | 36.59 0.29 0.00 | 35.71 0.25 0.00 |
| BETHLEHEM___GS1 323560 | 35.65 0.35 0.00 | 32.87 0.36 0.00 | 32.47 0.35 0.00 | 33.22 0.33 0.00 | 33.32 0.30 0.00 | 36.08 0.43 0.00 | 45.61 0.81 0.00 | 52.30 1.18 0.00 | 42.58 0.71 0.00 | 38.01 0.27 0.00 | 35.86 0.25 0.00 | 34.35 0.34 0.00 | 33.94 0.34 0.00 | 33.07 0.39 0.00 | 33.82 0.40 0.00 | 34.87 0.31 0.00 | 37.10 0.33 0.00 | 43.17 0.68 0.00 | 46.01 0.77 0.00 | 42.37 0.67 0.00 | 39.00 0.61 0.00 | 38.33 0.38 0.00 | 36.58 0.29 0.00 | 35.71 0.25 0.00 |
| BETHLEHEM___GS2 323561 | 35.65 0.35 0.00 | 32.87 0.36 0.00 | 32.47 0.35 0.00 | 33.22 0.33 0.00 | 33.32 0.30 0.00 | 36.08 0.43 0.00 | 45.61 0.81 0.00 | 52.30 1.18 0.00 | 42.58 0.71 0.00 | 38.01 0.27 0.00 | 35.86 0.25 0.00 | 34.35 0.34 0.00 | 33.94 0.34 0.00 | 33.07 0.39 0.00 | 33.82 0.40 0.00 | 34.87 0.31 0.00 | 37.10 0.33 0.00 | 43.17 0.68 0.00 | 46.01 0.77 0.00 | 42.37 0.67 0.00 | 39.00 0.61 0.00 | 38.33 0.38 0.00 | 36.58 0.29 0.00 | 35.71 0.25 0.00 |
| BETHLEHEM___GS3 323562 | 35.65 0.35 0.00 | 32.87 0.36 0.00 | 32.47 0.35 0.00 | 33.22 0.33 0.00 | 33.32 0.30 0.00 | 36.08 0.43 0.00 | 45.61 0.81 0.00 | 52.30 1.18 0.00 | 42.58 0.71 0.00 | 38.01 0.27 0.00 | 35.86 0.25 0.00 | 34.35 0.34 0.00 | 33.94 0.34 0.00 | 33.07 0.39 0.00 | 33.82 0.40 0.00 | 34.87 0.31 0.00 | 37.10 0.33 0.00 | 43.17 0.68 0.00 | 46.01 0.77 0.00 | 42.37 0.67 0.00 | 39.00 0.61 0.00 | 38.33 0.38 0.00 | 36.58 0.29 0.00 | 35.71 0.25 0.00 |
| BETHLEHEM___STEEL 23779 | 32.69 -2.61 0.00 | 30.33 -2.18 0.00 | 30.19 -1.93 0.00 | 30.99 -1.91 0.00 | 30.65 -2.38 0.00 | 33.79 -1.85 0.00 | 42.11 -2.69 0.01 | 46.05 -5.06 0.01 | 38.42 -3.43 0.01 | 34.57 -3.17 0.00 | 32.69 -2.92 0.00 | 31.15 -2.86 0.00 | 30.91 -2.69 0.00 | 29.89 -2.78 0.00 | 30.50 -2.91 0.01 | 31.68 -2.87 0.01 | 32.67 -4.04 0.05 | 38.36 -4.12 0.01 | 40.80 -4.43 0.01 | 37.48 -4.21 0.01 | 34.84 -3.53 0.01 | 33.18 -4.44 0.33 | 32.39 -3.85 0.05 | 32.56 -2.91 0.00 |
| BETHLHEM_115KV_TB1 79974 | 35.69 0.39 0.00 | 32.87 0.36 0.00 | 32.44 0.32 0.00 | 33.19 0.30 0.00 | 33.36 0.33 0.00 | 36.07 0.43 0.00 | 45.57 0.76 0.00 | 51.99 0.87 0.00 | 42.58 0.71 0.00 | 38.05 0.30 0.00 | 35.82 0.21 0.00 | 34.42 0.41 0.00 | 33.97 0.37 0.00 | 33.06 0.39 0.00 | 33.85 0.43 0.00 | 34.94 0.38 0.00 | 37.17 0.40 0.00 | 43.17 0.68 0.00 | 46.05 0.81 0.00 | 42.41 0.71 0.00 | 39.04 0.65 0.00 | 38.37 0.42 0.00 | 36.62 0.33 0.00 | 35.75 0.28 0.00 |
| BETHPAGE_CC_5 323564 | 44.84 2.58 -6.96 | 41.74 2.47 -6.76 | 39.83 2.38 -5.34 | 40.86 2.37 -5.59 | 43.19 2.38 -7.79 | 46.84 2.53 -8.66 | 56.59 3.94 -7.84 | 61.12 5.06 -4.93 | 53.81 3.85 -8.09 | 50.89 2.95 -10.20 | 47.15 2.70 -8.84 | 45.35 2.69 -8.65 | 44.30 2.65 -8.04 | 42.46 2.61 -7.17 | 43.52 2.67 -7.43 | 44.59 2.70 -7.33 | 53.37 2.94 -13.66 | 67.39 3.83 -21.07 | 66.46 4.07 -17.15 | 60.04 3.67 -14.67 | 51.90 3.38 -10.14 | 50.58 3.00 -9.63 | 44.50 2.76 -5.45 | 41.31 2.59 -3.26 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 32.83 -2.47 0.00 | 30.49 -2.02 0.00 | 30.35 -1.77 0.00 | 31.15 -1.74 0.00 | 30.81 -2.21 0.00 | 33.97 -1.68 0.00 | 42.33 -2.46 0.01 | 46.11 -5.01 0.01 | 38.63 -3.22 0.01 | 34.76 -2.98 0.00 | 32.86 -2.74 0.00 | 31.32 -2.69 0.00 | 31.05 -2.55 0.00 | 30.03 -2.65 0.00 | 30.67 -2.74 0.01 | 31.85 -2.70 0.01 | 32.74 -3.97 0.05 | 38.49 -3.99 0.01 | 40.93 -4.30 0.01 | 37.56 -4.13 0.01 | 34.96 -3.42 0.01 | 33.18 -4.44 0.33 | 32.43 -3.81 0.05 | 32.73 -2.73 0.00 |

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| BINGHAMTON___COGEN 23790 | 35.23 -0.07 0.00 | 32.51 0.00 0.00 | 32.15 0.03 0.00 | 32.93 0.03 0.00 | 32.99 -0.03 0.00 | 35.86 0.21 0.00 | 45.35 0.54 -0.01 | 51.24 0.10 -0.01 | 42.13 0.25 -0.01 | 37.71 -0.04 0.00 | 35.50 -0.11 0.00 | 33.87 -0.14 0.00 | 33.47 -0.13 0.00 | 32.48 -0.20 0.00 | 33.24 -0.17 0.00 | 34.45 -0.10 0.00 | 36.57 -0.18 0.02 | 42.67 0.17 -0.01 | 45.39 0.14 -0.01 | 41.88 0.17 -0.01 | 38.62 0.23 -0.01 | 37.60 -0.23 0.12 | 35.99 -0.29 0.02 | 35.39 -0.07 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 33.46 -1.84 0.00 | 31.08 -1.43 0.00 | 30.93 -1.19 0.00 | 31.74 -1.15 0.00 | 31.48 -1.55 0.00 | 34.72 -0.93 0.00 | 43.32 -1.48 0.00 | 46.67 -4.45 0.01 | 39.43 -2.43 0.01 | 35.52 -2.23 0.00 | 33.58 -2.03 0.00 | 31.97 -2.04 0.00 | 31.69 -1.92 0.00 | 30.65 -2.03 0.00 | 31.27 -2.14 0.01 | 32.51 -2.04 0.01 | 33.11 -3.60 0.05 | 39.17 -3.31 0.01 | 41.62 -3.62 0.01 | 38.07 -3.63 0.01 | 35.54 -2.84 0.01 | 33.50 -4.14 0.31 | 32.72 -3.52 0.05 | 33.41 -2.06 0.00 |
| BLACK RIVER___HYD 24047 | 35.41 0.11 0.00 | 32.51 0.00 0.00 | 32.12 0.00 0.00 | 32.96 0.07 0.00 | 33.23 0.20 0.00 | 35.93 0.28 0.00 | 45.52 0.71 0.00 | 51.99 0.87 0.00 | 42.20 0.33 0.00 | 37.86 0.11 0.00 | 35.28 -0.32 0.00 | 33.57 -0.44 0.00 | 33.06 -0.54 0.00 | 32.15 -0.52 0.00 | 32.91 -0.50 0.00 | 34.21 -0.35 0.00 | 36.92 0.15 0.00 | 43.29 0.81 0.00 | 46.14 0.90 0.00 | 42.53 0.83 0.00 | 39.08 0.69 0.00 | 38.33 0.38 0.00 | 36.44 0.15 0.00 | 35.61 0.14 0.00 |
| BLACKRVR_115KV_TB2 79977 | 35.41 0.11 0.00 | 32.54 0.03 0.00 | 32.15 0.03 0.00 | 32.99 0.10 0.00 | 33.23 0.20 0.00 | 36.00 0.36 0.00 | 45.66 0.85 0.00 | 52.10 0.97 0.00 | 42.29 0.42 0.00 | 37.90 0.15 0.00 | 35.32 -0.28 0.00 | 33.57 -0.44 0.00 | 33.06 -0.54 0.00 | 32.15 -0.52 0.00 | 32.91 -0.50 0.00 | 34.21 -0.35 0.00 | 36.92 0.15 0.00 | 43.30 0.81 0.00 | 46.14 0.90 0.00 | 42.53 0.83 0.00 | 39.07 0.69 0.00 | 38.33 0.38 0.00 | 36.44 0.15 0.00 | 35.61 0.14 0.00 |
| BLISS_WT_PWR 323608 | 33.50 -1.80 0.00 | 30.88 -1.62 0.00 | 30.55 -1.57 0.00 | 31.38 -1.51 0.00 | 31.51 -1.52 0.00 | 34.58 -1.07 0.00 | 42.07 -2.73 0.00 | 46.93 -4.19 0.01 | 38.89 -2.97 0.01 | 35.52 -2.23 0.00 | 33.61 -1.99 0.00 | 32.00 -2.01 0.00 | 31.69 -1.91 0.00 | 30.65 -2.03 0.00 | 31.30 -2.10 0.01 | 32.48 -2.07 0.01 | 33.22 -3.49 0.05 | 39.17 -3.31 0.01 | 41.57 -3.66 0.01 | 38.44 -3.25 0.01 | 35.58 -2.80 0.01 | 33.54 -4.10 0.31 | 32.76 -3.48 0.05 | 33.41 -2.06 0.00 |
| BLUESTONE___WT_PWR 323821 | 37.98 2.68 0.00 | 34.98 2.47 0.00 | 34.53 2.41 0.00 | 35.43 2.53 0.00 | 35.74 2.71 0.00 | 38.82 3.17 0.00 | 49.39 4.57 -0.01 | 56.45 5.32 -0.01 | 45.69 3.81 -0.01 | 40.76 3.02 0.00 | 37.95 2.35 0.00 | 36.02 2.01 0.00 | 35.51 1.91 0.00 | 34.43 1.76 0.00 | 35.28 1.87 0.00 | 36.70 2.14 0.00 | 39.47 2.72 0.02 | 46.49 3.99 -0.01 | 49.55 4.30 -0.01 | 45.67 3.96 -0.01 | 42.00 3.61 -0.01 | 40.84 3.00 0.10 | 38.89 2.61 0.02 | 38.16 2.69 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 36.29 0.99 0.00 | 33.45 0.94 0.00 | 33.02 0.90 0.00 | 33.78 0.89 0.00 | 33.95 0.92 0.00 | 36.64 1.00 0.00 | 46.28 1.48 0.00 | 52.76 1.64 0.00 | 43.17 1.30 0.00 | 38.61 0.87 0.00 | 36.32 0.71 0.00 | 34.83 0.82 0.00 | 34.37 0.77 0.00 | 33.46 0.78 0.00 | 34.25 0.84 0.00 | 35.38 0.83 0.00 | 37.65 0.88 0.00 | 43.72 1.23 0.00 | 46.64 1.40 0.00 | 42.99 1.29 0.00 | 39.61 1.23 0.00 | 38.94 0.99 0.00 | 37.20 0.91 0.00 | 36.35 0.89 0.00 |
| BOC_GAS_DRP 24189 | 36.04 0.74 0.00 | 33.22 0.72 0.00 | 32.80 0.67 0.00 | 33.55 0.66 0.00 | 33.72 0.69 0.00 | 36.39 0.75 0.00 | 46.02 1.21 0.00 | 52.45 1.33 0.00 | 43.00 1.13 0.00 | 38.50 0.75 0.00 | 36.28 0.68 0.00 | 34.76 0.75 0.00 | 34.31 0.71 0.00 | 33.39 0.72 0.00 | 34.15 0.74 0.00 | 35.28 0.73 0.00 | 37.58 0.81 0.00 | 43.59 1.10 0.00 | 46.46 1.22 0.00 | 42.83 1.13 0.00 | 39.42 1.04 0.00 | 38.75 0.80 0.00 | 37.02 0.73 0.00 | 36.17 0.71 0.00 |
| BOONVILLE_115KV_TB1 79983 | 36.22 0.92 0.00 | 33.32 0.81 0.00 | 32.92 0.80 0.00 | 33.75 0.86 0.00 | 33.95 0.92 0.00 | 36.79 1.14 0.00 | 46.55 1.75 0.00 | 53.12 1.99 0.00 | 43.33 1.47 0.00 | 38.84 1.09 0.00 | 36.39 0.78 0.00 | 34.62 0.61 0.00 | 34.17 0.57 0.00 | 33.19 0.52 0.00 | 33.98 0.57 0.00 | 35.25 0.69 0.00 | 37.75 0.99 0.01 | 44.02 1.53 0.00 | 46.91 1.67 0.00 | 43.20 1.50 0.00 | 39.73 1.34 0.00 | 39.00 1.10 0.05 | 37.23 0.94 0.01 | 36.39 0.92 0.00 |
| BORALEX_4TH_BRANCH 23824 | 37.10 1.80 0.00 | 34.20 1.69 0.00 | 33.73 1.61 0.00 | 34.54 1.64 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.49 2.69 0.00 | 54.19 3.07 0.00 | 44.38 2.51 0.00 | 39.67 1.92 0.00 | 37.35 1.74 0.00 | 35.81 1.80 0.00 | 35.31 1.71 0.00 | 34.37 1.70 0.00 | 35.15 1.74 0.00 | 36.32 1.76 0.00 | 38.68 1.91 0.00 | 44.99 2.51 0.00 | 47.95 2.71 0.00 | 44.20 2.50 0.00 | 40.65 2.26 0.00 | 39.92 1.97 0.00 | 38.11 1.81 0.00 | 37.27 1.81 0.00 |
| BOWLINE___1 23526 | 36.85 1.55 0.00 | 34.01 1.50 0.00 | 33.57 1.45 0.00 | 34.34 1.45 0.00 | 34.45 1.42 0.00 | 37.21 1.57 0.00 | 47.49 2.69 0.00 | 54.70 3.58 0.00 | 44.42 2.55 0.00 | 39.52 1.77 0.00 | 37.24 1.64 0.00 | 35.68 1.67 0.00 | 35.21 1.61 0.00 | 34.27 1.60 0.00 | 35.05 1.64 0.00 | 36.18 1.62 0.00 | 38.61 1.84 0.00 | 45.06 2.55 -0.02 | 48.14 2.71 -0.19 | 44.18 2.46 -0.02 | 40.61 2.23 0.00 | 39.81 1.86 0.00 | 37.97 1.67 0.00 | 36.99 1.52 0.00 |
| BOWLINE___2 23595 | 36.85 1.55 0.00 | 34.01 1.50 0.00 | 33.57 1.45 0.00 | 34.34 1.45 0.00 | 34.45 1.42 0.00 | 37.21 1.57 0.00 | 47.49 2.69 0.00 | 54.70 3.58 0.00 | 44.34 2.47 0.00 | 39.48 1.74 0.00 | 37.21 1.60 0.00 | 35.61 1.60 0.00 | 35.18 1.58 0.00 | 34.24 1.57 0.00 | 35.02 1.60 0.00 | 36.11 1.56 0.00 | 38.57 1.80 0.00 | 45.02 2.51 -0.02 | 48.09 2.67 -0.19 | 44.09 2.38 -0.02 | 40.53 2.15 0.00 | 39.77 1.82 0.00 | 37.93 1.63 0.00 | 36.92 1.45 0.00 |
| BRADY___115KV_TB2 356060 | 36.01 0.71 0.00 | 33.00 0.49 0.00 | 32.67 0.55 0.00 | 33.52 0.62 0.00 | 33.72 0.69 0.00 | 36.18 0.53 0.00 | 45.07 0.27 0.00 | 51.53 0.41 0.00 | 42.12 0.25 0.00 | 38.39 0.64 0.00 | 36.21 0.61 0.00 | 34.32 0.31 0.00 | 34.14 0.54 0.00 | 33.23 0.56 0.00 | 33.95 0.53 0.00 | 35.14 0.59 0.00 | 37.47 0.70 0.00 | 42.87 0.38 0.00 | 45.56 0.32 0.00 | 41.95 0.25 0.00 | 38.61 0.23 0.00 | 38.56 0.61 0.00 | 36.91 0.62 0.00 | 36.24 0.78 0.00 |
| BRANSCOMB___SOLAR 323811 | 36.57 1.27 0.00 | 33.71 1.20 0.00 | 33.31 1.19 0.00 | 34.11 1.22 0.00 | 34.25 1.22 0.00 | 37.11 1.46 0.00 | 47.09 2.28 0.00 | 53.99 2.86 0.00 | 43.79 1.93 0.00 | 39.03 1.28 0.00 | 36.71 1.10 0.00 | 35.10 1.09 0.00 | 34.61 1.01 0.00 | 33.62 0.95 0.00 | 34.41 1.00 0.00 | 35.63 1.07 0.00 | 38.06 1.29 0.00 | 44.31 1.83 0.00 | 47.37 2.13 0.00 | 43.66 1.96 0.00 | 40.19 1.80 0.00 | 39.43 1.48 0.00 | 37.60 1.30 0.00 | 36.70 1.24 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 45.40 3.14 -6.96 | 42.19 2.93 -6.76 | 40.25 2.79 -5.34 | 41.32 2.83 -5.59 | 43.72 2.91 -7.79 | 47.51 3.21 -8.66 | 57.58 4.93 -7.84 | 61.68 5.62 -4.93 | 54.69 4.73 -8.10 | 51.64 3.70 -10.20 | 47.93 3.49 -8.84 | 46.10 3.43 -8.65 | 45.00 3.36 -8.04 | 43.14 3.30 -7.17 | 44.22 3.37 -7.43 | 45.38 3.49 -7.33 | 54.33 3.90 -13.66 | 68.61 5.06 -21.07 | 67.75 5.38 -17.12 | 61.20 4.84 -14.67 | 52.94 4.41 -10.14 | 51.49 3.91 -9.63 | 45.30 3.56 -5.45 | 42.05 3.33 -3.26 |

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| BRISTLHL_115KV_TB1 79998 | 33.92 -1.38 0.00 | 31.27 -1.24 0.00 | 30.93 -1.19 0.00 | 31.68 -1.22 0.00 | 31.74 -1.29 0.00 | 34.43 -1.21 0.00 | 43.55 -1.25 0.00 | 49.55 -1.58 0.00 | 41.03 -0.84 0.00 | 36.73 -1.02 0.00 | 34.54 -1.07 0.00 | 32.92 -1.09 0.00 | 32.53 -1.08 0.00 | 31.56 -1.11 0.00 | 32.30 -1.10 0.01 | 33.48 -1.07 0.01 | 35.42 -1.36 -0.01 | 41.13 -1.36 0.00 | 43.84 -1.40 0.00 | 40.45 -1.25 0.00 | 37.24 -1.15 0.00 | 36.63 -1.37 -0.04 | 34.85 -1.45 -0.01 | 34.05 -1.42 0.00 |
| BROOKHAVEN___DRP 24191 | 45.37 3.11 -6.96 | 42.19 2.93 -6.76 | 40.25 2.79 -5.34 | 41.28 2.80 -5.59 | 43.72 2.91 -7.79 | 47.48 3.17 -8.66 | 57.62 4.97 -7.84 | 61.68 5.62 -4.93 | 54.65 4.69 -8.10 | 51.60 3.66 -10.20 | 47.90 3.45 -8.84 | 46.06 3.40 -8.65 | 44.97 3.33 -8.04 | 43.11 3.27 -7.17 | 44.19 3.34 -7.43 | 45.31 3.42 -7.33 | 54.33 3.90 -13.66 | 68.66 5.10 -21.07 | 67.74 5.38 -17.12 | 61.29 4.92 -14.67 | 52.98 4.45 -10.14 | 51.46 3.87 -9.63 | 45.23 3.48 -5.45 | 42.05 3.33 -3.26 |
| BROOKLYN_NAVY_YARD 23515 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.82 1.70 0.00 | 34.57 1.68 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.12 3.32 0.00 | 55.63 4.50 0.00 | 45.26 3.39 0.00 | 40.29 2.53 -0.02 | 40.40 2.31 -2.49 | 40.54 2.31 -4.22 | 40.61 2.29 -4.73 | 39.84 2.25 -4.92 | 40.59 2.30 -4.87 | 40.09 2.32 -3.22 | 42.86 2.54 -3.56 | 50.55 3.40 -4.66 | 50.60 3.62 -1.74 | 49.07 3.25 -4.11 | 42.85 3.00 -1.47 | 41.72 2.54 -1.23 | 39.56 2.29 -0.97 | 37.60 2.13 -0.01 |
| BROOKLYN___ARMY_DRP 323595 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 44.87 2.61 -6.96 | 41.71 2.44 -6.76 | 39.77 2.31 -5.34 | 40.82 2.34 -5.59 | 43.19 2.38 -7.79 | 46.94 2.64 -8.66 | 56.46 3.81 -7.84 | 60.45 4.40 -4.93 | 53.68 3.73 -8.09 | 50.88 2.94 -10.20 | 47.18 2.74 -8.84 | 45.38 2.72 -8.65 | 44.37 2.72 -8.04 | 42.52 2.68 -7.17 | 43.59 2.74 -7.43 | 44.58 2.70 -7.33 | 53.44 3.02 -13.66 | 67.47 3.91 -21.07 | 66.57 4.16 -17.17 | 60.12 3.75 -14.67 | 51.94 3.42 -10.14 | 50.54 2.96 -9.63 | 44.46 2.72 -5.44 | 41.45 2.73 -3.26 |
| BROOME_2_LFGE 323671 | 35.23 -0.07 0.00 | 32.48 -0.03 0.00 | 32.09 -0.03 0.00 | 32.86 -0.03 0.00 | 32.99 -0.03 0.00 | 35.82 0.18 0.00 | 45.17 0.36 -0.01 | 51.50 0.36 -0.01 | 42.05 0.17 -0.01 | 37.71 -0.04 0.00 | 35.50 -0.11 0.00 | 33.87 -0.14 0.00 | 33.47 -0.13 0.00 | 32.48 -0.19 0.00 | 33.24 -0.17 0.00 | 34.41 -0.14 0.00 | 36.57 -0.18 0.02 | 42.67 0.17 -0.01 | 45.39 0.14 -0.01 | 41.92 0.21 -0.01 | 38.63 0.23 -0.01 | 37.60 -0.23 0.12 | 35.98 -0.29 0.02 | 35.39 -0.07 0.00 |
| BROOME___LFGE 323600 | 35.23 -0.07 0.00 | 32.48 -0.03 0.00 | 32.09 -0.03 0.00 | 32.86 -0.03 0.00 | 32.99 -0.03 0.00 | 35.82 0.18 0.00 | 45.17 0.36 -0.01 | 51.50 0.36 -0.01 | 42.05 0.17 -0.01 | 37.71 -0.04 0.00 | 35.50 -0.11 0.00 | 33.87 -0.14 0.00 | 33.47 -0.13 0.00 | 32.48 -0.19 0.00 | 33.24 -0.17 0.00 | 34.41 -0.14 0.00 | 36.57 -0.18 0.02 | 42.67 0.17 -0.01 | 45.39 0.14 -0.01 | 41.92 0.21 -0.01 | 38.63 0.23 -0.01 | 37.60 -0.23 0.12 | 35.98 -0.29 0.02 | 35.39 -0.07 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 35.23 -0.07 0.00 | 32.31 -0.20 0.00 | 31.96 -0.16 0.00 | 32.80 -0.10 0.00 | 33.03 0.00 0.00 | 35.57 -0.07 0.00 | 44.58 -0.22 0.00 | 51.02 -0.10 0.00 | 41.62 -0.25 0.00 | 37.63 -0.11 0.00 | 35.29 -0.32 0.00 | 33.50 -0.51 0.00 | 33.03 -0.57 0.00 | 32.15 -0.52 0.00 | 32.88 -0.53 0.00 | 34.07 -0.48 0.00 | 36.55 -0.22 0.00 | 42.36 -0.13 0.00 | 45.10 -0.14 0.00 | 41.53 -0.17 0.00 | 38.19 -0.19 0.00 | 37.84 -0.11 0.00 | 36.15 -0.15 0.00 | 35.46 0.00 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 37.49 2.19 0.00 | 34.52 2.02 0.00 | 34.02 1.90 0.00 | 34.77 1.87 0.00 | 35.01 1.98 0.00 | 37.82 2.17 0.00 | 48.21 3.41 0.00 | 55.11 3.99 0.00 | 45.47 3.60 0.00 | 40.59 2.83 -0.02 | 40.76 2.67 -2.49 | 40.85 2.62 -4.22 | 40.91 2.59 -4.73 | 40.14 2.55 -4.92 | 40.89 2.61 -4.87 | 40.44 2.66 -3.22 | 43.23 2.90 -3.56 | 50.92 3.78 -4.65 | 50.95 4.03 -1.68 | 49.48 3.67 -4.11 | 43.19 3.34 -1.47 | 42.06 2.88 -1.23 | 39.96 2.69 -0.97 | 37.95 2.48 0.00 |
| BURROWS___LYONSDAL 23803 | 36.08 0.78 0.00 | 33.16 0.65 0.00 | 32.76 0.64 0.00 | 33.62 0.72 0.00 | 33.82 0.79 0.00 | 36.64 1.00 0.00 | 46.37 1.57 0.00 | 52.86 1.74 0.00 | 43.12 1.26 0.00 | 38.69 0.94 0.00 | 36.21 0.61 0.00 | 34.45 0.44 0.00 | 33.97 0.37 0.00 | 33.03 0.36 0.00 | 33.81 0.40 0.00 | 35.07 0.52 0.00 | 37.61 0.85 0.01 | 43.85 1.36 0.00 | 46.73 1.49 0.00 | 43.04 1.33 0.00 | 39.57 1.19 0.00 | 38.89 0.99 0.05 | 37.09 0.80 0.01 | 36.24 0.78 0.00 |
| CAITHNESS_CC_1 323624 | 45.26 3.00 -6.96 | 42.16 2.89 -6.76 | 40.25 2.79 -5.34 | 41.28 2.79 -5.59 | 43.62 2.81 -7.79 | 47.41 3.10 -8.66 | 57.62 4.97 -7.84 | 62.29 6.24 -4.93 | 54.65 4.69 -8.10 | 51.53 3.59 -10.20 | 47.79 3.35 -8.84 | 45.96 3.30 -8.65 | 44.87 3.23 -8.04 | 43.01 3.17 -7.17 | 44.09 3.24 -7.43 | 45.17 3.28 -7.33 | 54.18 3.75 -13.66 | 68.49 4.93 -21.07 | 67.61 5.25 -17.12 | 61.12 4.75 -14.67 | 52.82 4.30 -10.14 | 51.38 3.79 -9.63 | 45.12 3.38 -5.45 | 41.95 3.23 -3.26 |
| CALPINE BETH_PAGE_GT4 24209 | 44.73 2.47 -6.96 | 41.58 2.31 -6.76 | 39.64 2.18 -5.34 | 40.69 2.20 -5.59 | 43.09 2.28 -7.79 | 46.73 2.42 -8.66 | 56.32 3.67 -7.84 | 60.30 4.24 -4.93 | 53.60 3.64 -8.09 | 50.81 2.87 -10.20 | 47.11 2.67 -8.84 | 45.31 2.65 -8.65 | 44.23 2.59 -8.04 | 42.39 2.55 -7.17 | 43.49 2.64 -7.43 | 44.55 2.66 -7.33 | 53.33 2.90 -13.66 | 67.34 3.78 -21.07 | 66.42 4.03 -17.15 | 60.00 3.63 -14.67 | 51.86 3.34 -10.14 | 50.50 2.92 -9.63 | 44.43 2.69 -5.45 | 41.27 2.55 -3.26 |
| CALPINE_BETH_PAGE_GT_4 323586 | 44.73 2.47 -6.96 | 41.64 2.37 -6.76 | 39.74 2.28 -5.34 | 40.79 2.30 -5.59 | 43.09 2.28 -7.79 | 46.76 2.46 -8.66 | 56.54 3.90 -7.84 | 61.07 5.01 -4.93 | 53.73 3.77 -8.09 | 50.85 2.91 -10.20 | 47.11 2.67 -8.84 | 45.32 2.65 -8.65 | 44.23 2.59 -8.04 | 42.39 2.55 -7.17 | 43.49 2.64 -7.43 | 44.51 2.62 -7.33 | 53.33 2.90 -13.66 | 67.34 3.78 -21.07 | 66.42 4.02 -17.15 | 60.00 3.63 -14.67 | 51.83 3.30 -10.14 | 50.54 2.96 -9.63 | 44.43 2.69 -5.45 | 41.27 2.55 -3.26 |
| CALPINE_BP_GT1 23823 | 44.73 2.47 -6.96 | 41.64 2.37 -6.76 | 39.74 2.28 -5.34 | 40.79 2.30 -5.59 | 43.09 2.28 -7.79 | 46.76 2.46 -8.66 | 56.54 3.90 -7.84 | 61.07 5.01 -4.93 | 53.73 3.77 -8.09 | 50.85 2.91 -10.20 | 47.11 2.67 -8.84 | 45.32 2.65 -8.65 | 44.23 2.59 -8.04 | 42.39 2.55 -7.17 | 43.49 2.64 -7.43 | 44.51 2.62 -7.33 | 53.33 2.90 -13.66 | 67.34 3.78 -21.07 | 66.42 4.02 -17.15 | 60.00 3.63 -14.67 | 51.83 3.30 -10.14 | 50.54 2.96 -9.63 | 44.43 2.69 -5.45 | 41.27 2.55 -3.26 |
| CALSPAN___DRP 24200 | 32.69 -2.61 0.00 | 30.33 -2.18 0.00 | 30.19 -1.93 0.00 | 30.99 -1.91 0.00 | 30.65 -2.38 0.00 | 33.79 -1.85 0.00 | 42.11 -2.69 0.01 | 46.05 -5.06 0.01 | 38.42 -3.43 0.01 | 34.57 -3.17 0.00 | 32.69 -2.92 0.00 | 31.15 -2.86 0.00 | 30.91 -2.69 0.00 | 29.89 -2.78 0.00 | 30.50 -2.91 0.01 | 31.68 -2.87 0.01 | 32.67 -4.04 0.05 | 38.36 -4.12 0.01 | 40.80 -4.43 0.01 | 37.48 -4.21 0.01 | 34.84 -3.53 0.01 | 33.18 -4.44 0.33 | 32.39 -3.85 0.05 | 32.56 -2.91 0.00 |

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| CALVERTON___SOLAR 323806 | 45.47 3.21 -6.96 | 42.36 3.09 -6.76 | 40.44 2.99 -5.34 | 41.48 2.99 -5.59 | 43.82 3.01 -7.79 | 47.66 3.35 -8.66 | 57.98 5.33 -7.84 | 62.70 6.64 -4.93 | 54.94 4.98 -8.10 | 51.75 3.81 -10.20 | 48.04 3.59 -8.84 | 46.20 3.54 -8.65 | 45.11 3.46 -8.04 | 43.21 3.37 -7.17 | 44.29 3.44 -7.43 | 45.42 3.53 -7.33 | 54.47 4.04 -13.66 | 68.83 5.27 -21.07 | 67.97 5.61 -17.12 | 61.45 5.09 -14.67 | 53.13 4.60 -10.14 | 51.65 4.06 -9.63 | 45.37 3.63 -5.45 | 42.16 3.44 -3.26 |
| CANDIGU_WT_PWR 323617 | 35.12 -0.18 0.00 | 32.41 -0.10 0.00 | 32.06 -0.06 0.00 | 32.86 -0.03 0.00 | 32.99 -0.03 0.00 | 36.00 0.36 0.00 | 45.18 0.36 -0.02 | 51.30 0.15 -0.02 | 41.97 0.08 -0.02 | 37.71 -0.04 0.00 | 35.50 -0.11 0.00 | 33.81 -0.20 0.00 | 33.43 -0.17 0.00 | 32.38 -0.29 0.00 | 33.11 -0.30 0.00 | 34.34 -0.21 0.00 | 36.26 -0.48 0.03 | 42.51 0.00 -0.02 | 45.13 -0.14 -0.02 | 41.81 0.08 -0.02 | 38.56 0.15 -0.02 | 37.14 -0.61 0.20 | 35.61 -0.65 0.03 | 35.39 -0.07 0.00 |
| CARR STREET_E_SYR 24060 | 34.00 -1.31 0.00 | 31.31 -1.20 0.00 | 30.93 -1.19 0.00 | 31.68 -1.22 0.00 | 31.81 -1.22 0.00 | 34.50 -1.14 0.00 | 43.55 -1.25 0.00 | 49.80 -1.33 0.00 | 40.57 -1.30 0.00 | 36.42 -1.32 0.00 | 34.25 -1.35 0.00 | 32.72 -1.29 0.00 | 32.32 -1.28 0.00 | 31.36 -1.31 0.00 | 32.10 -1.30 0.01 | 33.20 -1.35 0.01 | 35.41 -1.32 0.03 | 41.21 -1.27 0.00 | 43.88 -1.36 0.00 | 40.53 -1.17 0.00 | 37.31 -1.07 0.00 | 36.41 -1.33 0.21 | 34.85 -1.42 0.03 | 34.12 -1.35 0.00 |
| CARTHAGE___PAPER 23857 | 35.34 0.04 0.00 | 32.48 -0.03 0.00 | 32.06 -0.06 0.00 | 32.89 0.00 0.00 | 33.16 0.13 0.00 | 35.86 0.22 0.00 | 45.35 0.54 0.00 | 51.79 0.66 0.00 | 42.12 0.25 0.00 | 37.86 0.11 0.00 | 35.36 -0.25 0.00 | 33.64 -0.37 0.00 | 33.13 -0.47 0.00 | 32.21 -0.46 0.00 | 32.98 -0.44 0.00 | 34.28 -0.28 0.00 | 36.92 0.15 0.00 | 43.13 0.64 0.00 | 45.96 0.72 0.00 | 42.37 0.67 0.00 | 38.92 0.54 0.00 | 38.25 0.30 0.00 | 36.40 0.11 0.00 | 35.57 0.11 0.00 |
| CASSADAGA_WT_PWR 323784 | 33.54 -1.76 0.00 | 30.95 -1.56 0.00 | 30.58 -1.54 0.00 | 31.45 -1.45 0.00 | 31.58 -1.45 0.00 | 34.69 -0.96 0.00 | 42.47 -2.33 0.00 | 47.80 -3.32 0.01 | 39.35 -2.51 0.01 | 35.86 -1.89 0.00 | 33.86 -1.74 0.00 | 32.24 -1.77 0.00 | 31.92 -1.68 0.00 | 30.84 -1.83 0.00 | 31.47 -1.94 0.01 | 32.65 -1.90 0.01 | 33.70 -3.01 0.05 | 39.59 -2.89 0.01 | 42.02 -3.21 0.01 | 38.86 -2.84 0.01 | 35.96 -2.42 0.01 | 34.11 -3.53 0.31 | 33.27 -2.98 0.05 | 33.51 -1.95 0.00 |
| CE_DUNWOOD___DRP 24194 | 37.07 1.77 0.00 | 34.17 1.66 0.00 | 33.66 1.54 0.00 | 34.44 1.55 0.00 | 34.61 1.59 0.00 | 37.39 1.75 0.00 | 47.58 2.78 0.00 | 54.35 3.22 0.00 | 44.67 2.81 0.00 | 39.86 2.11 0.00 | 37.56 1.96 0.00 | 35.98 1.97 0.00 | 35.55 1.95 0.00 | 34.60 1.93 0.00 | 35.38 1.97 0.00 | 36.52 1.97 0.00 | 38.94 2.17 0.00 | 45.50 2.97 -0.04 | 48.71 3.17 -0.30 | 44.56 2.84 -0.03 | 40.96 2.57 0.00 | 40.11 2.16 0.00 | 38.29 2.00 0.00 | 37.31 1.84 0.00 |
| CE_MILLWOOD___DRP 24193 | 37.03 1.73 0.00 | 34.13 1.63 0.00 | 33.63 1.51 0.00 | 34.41 1.51 0.00 | 34.58 1.55 0.00 | 37.32 1.68 0.00 | 47.54 2.73 0.00 | 54.30 3.17 0.00 | 44.59 2.72 0.00 | 39.78 2.04 0.00 | 37.49 1.89 0.00 | 35.91 1.90 0.00 | 35.48 1.88 0.00 | 34.53 1.86 0.00 | 35.32 1.90 0.00 | 36.46 1.90 0.00 | 38.90 2.13 0.00 | 45.41 2.89 -0.03 | 48.58 3.08 -0.26 | 44.52 2.79 -0.02 | 40.92 2.53 0.00 | 40.04 2.09 0.00 | 38.22 1.92 0.00 | 37.24 1.77 0.00 |
| CE_NYC2_DRP 24202 | 37.13 1.84 0.00 | 34.30 1.79 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.75 1.72 0.00 | 37.50 1.85 0.00 | 47.72 2.91 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.43 2.31 -2.51 | 40.59 2.31 -4.26 | 40.66 2.28 -4.78 | 39.90 2.25 -4.97 | 40.64 2.31 -4.92 | 40.13 2.32 -3.26 | 42.94 2.57 -3.60 | 50.62 3.40 -4.73 | 50.84 3.66 -1.94 | 49.21 3.34 -4.17 | 42.90 3.03 -1.49 | 41.77 2.58 -1.24 | 39.71 2.43 -0.98 | 37.73 2.27 0.00 |
| CE_NYC_DRP 24195 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.75 1.72 0.00 | 37.54 1.89 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.40 2.31 -2.48 | 40.53 2.31 -4.21 | 40.57 2.25 -4.72 | 39.80 2.22 -4.91 | 40.55 2.27 -4.86 | 40.09 2.32 -3.22 | 42.86 2.54 -3.55 | 50.49 3.36 -4.65 | 50.45 3.53 -1.68 | 49.01 3.21 -4.10 | 42.77 2.92 -1.47 | 41.68 2.50 -1.23 | 39.59 2.32 -0.97 | 37.63 2.16 0.00 |
| CHAFFEE___LFGE 323603 | 32.73 -2.58 0.00 | 30.17 -2.34 0.00 | 29.81 -2.31 0.00 | 30.62 -2.27 0.00 | 30.71 -2.31 0.00 | 33.69 -1.96 0.00 | 41.13 -3.67 0.01 | 46.06 -5.06 0.01 | 38.01 -3.85 0.01 | 34.61 -3.13 0.00 | 32.72 -2.88 0.00 | 31.22 -2.79 0.00 | 30.95 -2.66 0.00 | 29.93 -2.74 0.00 | 30.57 -2.84 0.01 | 31.71 -2.83 0.01 | 32.71 -4.01 0.05 | 38.36 -4.12 0.01 | 40.80 -4.43 0.01 | 37.73 -3.96 0.01 | 34.88 -3.49 0.01 | 33.15 -4.48 0.32 | 32.39 -3.85 0.05 | 32.59 -2.87 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 36.64 1.34 0.00 | 33.48 0.98 0.00 | 33.18 1.06 0.00 | 34.08 1.18 0.00 | 34.25 1.22 0.00 | 36.89 1.25 0.00 | 45.70 0.90 0.00 | 52.25 1.12 0.00 | 42.79 0.92 0.00 | 39.10 1.36 0.00 | 36.89 1.28 0.00 | 34.89 0.88 0.00 | 34.64 1.04 0.00 | 33.72 1.05 0.00 | 34.45 1.04 0.00 | 35.66 1.11 0.00 | 38.06 1.29 0.00 | 43.72 1.23 0.00 | 46.37 1.13 0.00 | 42.66 0.96 0.00 | 39.27 0.88 0.00 | 39.20 1.25 0.00 | 37.38 1.09 0.00 | 37.06 1.60 0.00 |
| CHATEAUG_WT_PWR 323614 | 36.57 1.27 0.00 | 33.42 0.91 0.00 | 33.15 1.03 0.00 | 34.01 1.12 0.00 | 34.18 1.16 0.00 | 36.86 1.21 0.00 | 45.57 0.76 0.00 | 51.69 0.56 0.00 | 42.70 0.84 0.00 | 38.99 1.24 0.00 | 36.78 1.17 0.00 | 34.82 0.81 0.00 | 34.54 0.94 0.00 | 33.62 0.95 0.00 | 34.35 0.93 0.00 | 35.59 1.04 0.00 | 37.95 1.18 0.00 | 43.59 1.10 0.00 | 46.23 0.99 0.00 | 42.53 0.83 0.00 | 39.15 0.77 0.00 | 39.01 1.06 0.00 | 37.28 0.98 0.00 | 36.95 1.49 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 36.64 1.34 0.00 | 33.48 0.98 0.00 | 33.18 1.06 0.00 | 34.08 1.18 0.00 | 34.25 1.22 0.00 | 36.89 1.25 0.00 | 45.70 0.90 0.00 | 52.25 1.12 0.00 | 42.79 0.92 0.00 | 39.10 1.36 0.00 | 36.89 1.28 0.00 | 34.89 0.88 0.00 | 34.64 1.04 0.00 | 33.72 1.05 0.00 | 34.45 1.04 0.00 | 35.66 1.11 0.00 | 38.06 1.29 0.00 | 43.72 1.23 0.00 | 46.37 1.13 0.00 | 42.66 0.96 0.00 | 39.27 0.88 0.00 | 39.20 1.25 0.00 | 37.38 1.09 0.00 | 37.06 1.60 0.00 |
| CHAUTAUQUA___LFGE 323629 | 33.08 -2.22 0.00 | 30.52 -1.98 0.00 | 30.16 -1.96 0.00 | 30.99 -1.91 0.00 | 31.08 -1.95 0.00 | 34.11 -1.53 0.00 | 41.75 -3.05 0.01 | 47.03 -4.09 0.01 | 38.64 -3.22 0.01 | 35.18 -2.57 0.00 | 33.25 -2.35 0.00 | 31.70 -2.31 0.00 | 31.42 -2.18 0.00 | 30.35 -2.32 0.00 | 31.00 -2.41 0.01 | 32.16 -2.38 0.01 | 33.30 -3.42 0.05 | 39.04 -3.44 0.01 | 41.48 -3.75 0.01 | 38.36 -3.34 0.01 | 35.46 -2.92 0.01 | 33.80 -3.83 0.32 | 32.94 -3.30 0.05 | 33.02 -2.45 0.00 |
| CHERRYST_13_KV_LD 356241 | 37.24 1.94 0.00 | 34.33 1.82 0.00 | 33.82 1.70 0.00 | 34.57 1.68 0.00 | 34.81 1.78 0.00 | 37.61 1.96 0.00 | 47.94 3.14 0.00 | 54.81 3.68 0.00 | 45.17 3.31 0.00 | 40.36 2.60 -0.02 | 40.51 2.42 -2.48 | 40.64 2.41 -4.21 | 40.71 2.39 -4.72 | 39.93 2.35 -4.91 | 40.68 2.41 -4.86 | 40.19 2.42 -3.22 | 42.97 2.65 -3.55 | 50.62 3.48 -4.65 | 50.63 3.71 -1.68 | 49.18 3.38 -4.10 | 42.88 3.03 -1.47 | 41.80 2.62 -1.23 | 39.66 2.40 -0.97 | 37.70 2.23 0.00 |

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| CHESTROR_138KV_BK263 355645 | 36.64 1.34 0.00 | 33.78 1.27 0.00 | 33.31 1.19 0.00 | 34.08 1.18 0.00 | 34.25 1.22 0.00 | 37.00 1.35 0.00 | 47.05 2.24 0.00 | 53.68 2.56 0.00 | 44.00 2.14 0.00 | 39.25 1.51 0.00 | 36.99 1.39 0.00 | 35.40 1.39 0.00 | 34.94 1.34 0.00 | 34.01 1.34 0.00 | 34.82 1.40 0.00 | 35.97 1.42 0.00 | 38.35 1.58 0.00 | 44.75 2.25 -0.01 | 47.74 2.40 -0.10 | 43.88 2.17 -0.01 | 40.34 1.96 0.00 | 39.54 1.59 0.00 | 37.75 1.45 0.00 | 36.81 1.35 0.00 |
| CH_MIDHUDSON___DRP 24192 | 37.03 1.73 0.00 | 34.13 1.63 0.00 | 33.66 1.54 0.00 | 34.41 1.51 0.00 | 34.58 1.55 0.00 | 37.32 1.68 0.00 | 47.49 2.69 0.00 | 54.19 3.07 0.00 | 44.46 2.60 0.00 | 39.63 1.89 0.00 | 37.31 1.71 0.00 | 35.74 1.73 0.00 | 35.28 1.68 0.00 | 34.34 1.67 0.00 | 35.15 1.74 0.00 | 36.28 1.73 0.00 | 38.68 1.91 0.00 | 45.16 2.68 0.00 | 48.09 2.85 0.00 | 44.29 2.59 0.00 | 40.72 2.34 0.00 | 39.89 1.94 0.00 | 38.07 1.78 0.00 | 37.17 1.70 0.00 |
| CH_MISC_IPPS 23765 | 37.17 1.87 0.00 | 34.30 1.79 0.00 | 33.85 1.73 0.00 | 34.64 1.74 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.89 3.09 0.00 | 55.12 3.99 0.00 | 44.75 2.89 0.00 | 39.78 2.04 0.00 | 37.42 1.81 0.00 | 35.81 1.80 0.00 | 35.31 1.71 0.00 | 34.37 1.70 0.00 | 35.18 1.77 0.00 | 36.32 1.76 0.00 | 38.79 2.02 0.00 | 45.38 2.89 0.00 | 48.32 3.08 0.00 | 44.45 2.75 0.00 | 40.92 2.53 0.00 | 40.07 2.12 0.00 | 38.22 1.92 0.00 | 37.27 1.81 0.00 |
| CH_RES_BVR_FALLS 23983 | 35.23 -0.07 0.00 | 32.38 -0.13 0.00 | 32.02 -0.10 0.00 | 32.83 -0.07 0.00 | 32.96 -0.07 0.00 | 35.50 -0.14 0.00 | 44.36 -0.45 0.00 | 50.46 -0.67 0.00 | 41.58 -0.29 0.00 | 37.78 0.04 0.00 | 35.71 0.11 0.00 | 34.04 0.03 0.00 | 33.67 0.07 0.00 | 32.74 0.07 0.00 | 33.48 0.07 0.00 | 34.62 0.07 0.00 | 36.81 0.04 0.00 | 42.28 -0.21 0.00 | 44.97 -0.27 0.00 | 41.45 -0.25 0.00 | 38.15 -0.23 0.00 | 37.95 0.00 0.00 | 36.37 0.07 0.00 | 35.61 0.14 0.00 |
| CH_RES_NIAGARA 23895 | 31.31 -3.99 0.00 | 28.84 -3.67 0.00 | 28.49 -3.63 0.00 | 29.24 -3.65 0.00 | 29.36 -3.67 0.00 | 32.15 -3.49 0.00 | 39.33 -5.47 0.01 | 44.36 -6.75 0.01 | 36.29 -5.57 0.01 | 32.95 -4.79 0.00 | 31.15 -4.45 0.00 | 29.76 -4.25 0.00 | 29.53 -4.07 0.00 | 28.55 -4.12 0.00 | 29.19 -4.21 0.01 | 30.23 -4.32 0.01 | 31.60 -5.11 0.06 | 36.83 -5.65 0.01 | 39.21 -6.02 0.01 | 36.27 -5.42 0.01 | 33.46 -4.91 0.01 | 32.22 -5.39 0.34 | 31.41 -4.83 0.06 | 31.10 -4.36 0.00 |
| CH_RES_SYRACUSE 23985 | 34.45 -0.85 0.00 | 31.76 -0.75 0.00 | 31.35 -0.77 0.00 | 32.10 -0.79 0.00 | 32.27 -0.76 0.00 | 34.97 -0.68 0.00 | 44.14 -0.67 -0.01 | 50.42 -0.72 -0.01 | 41.08 -0.80 -0.01 | 36.88 -0.87 0.00 | 34.68 -0.93 0.00 | 33.13 -0.88 0.00 | 32.73 -0.87 0.00 | 31.76 -0.91 0.00 | 32.47 -0.94 0.00 | 33.62 -0.93 0.00 | 35.91 -0.84 0.02 | 41.78 -0.72 -0.01 | 44.48 -0.77 -0.01 | 41.09 -0.62 -0.01 | 37.82 -0.57 -0.01 | 37.03 -0.80 0.12 | 35.33 -0.94 0.02 | 34.58 -0.89 0.00 |
| CLINTON_WT_PWR 323605 | 36.57 1.27 0.00 | 33.42 0.91 0.00 | 33.15 1.03 0.00 | 34.01 1.12 0.00 | 34.18 1.16 0.00 | 36.86 1.21 0.00 | 45.57 0.76 0.00 | 51.69 0.56 0.00 | 42.70 0.84 0.00 | 38.99 1.24 0.00 | 36.78 1.17 0.00 | 34.82 0.81 0.00 | 34.54 0.94 0.00 | 33.62 0.95 0.00 | 34.35 0.93 0.00 | 35.59 1.04 0.00 | 37.95 1.18 0.00 | 43.59 1.10 0.00 | 46.23 0.99 0.00 | 42.53 0.83 0.00 | 39.15 0.77 0.00 | 39.01 1.06 0.00 | 37.28 0.98 0.00 | 36.95 1.49 0.00 |
| CLINTON___LFGE 323618 | 37.17 1.87 0.00 | 33.87 1.37 0.00 | 33.60 1.48 0.00 | 34.54 1.64 0.00 | 34.71 1.68 0.00 | 37.46 1.82 0.00 | 46.33 1.52 0.00 | 52.55 1.43 0.00 | 43.54 1.68 0.00 | 39.63 1.89 0.00 | 37.28 1.67 0.00 | 35.20 1.19 0.00 | 34.98 1.38 0.00 | 34.04 1.37 0.00 | 34.78 1.37 0.00 | 36.04 1.48 0.00 | 38.50 1.73 0.00 | 44.36 1.87 0.00 | 46.96 1.72 0.00 | 43.24 1.54 0.00 | 39.76 1.38 0.00 | 39.58 1.63 0.00 | 37.71 1.41 0.00 | 37.56 2.09 0.00 |
| COBBLENY_34_KV_TB1 80064 | 32.72 -2.58 0.00 | 30.40 -2.11 0.00 | 30.26 -1.86 0.00 | 31.05 -1.84 0.00 | 30.72 -2.31 0.00 | 33.86 -1.78 0.00 | 42.20 -2.60 0.01 | 46.06 -5.06 0.01 | 38.51 -3.35 0.01 | 34.65 -3.10 0.00 | 32.76 -2.85 0.00 | 31.22 -2.79 0.00 | 30.95 -2.65 0.00 | 29.93 -2.74 0.00 | 30.57 -2.84 0.01 | 31.75 -2.80 0.01 | 32.67 -4.04 0.05 | 38.40 -4.08 0.01 | 40.84 -4.39 0.01 | 37.48 -4.21 0.01 | 34.84 -3.53 0.01 | 33.15 -4.48 0.32 | 32.36 -3.88 0.05 | 32.59 -2.87 0.00 |
| COFFEEN___115KV_TB3 355620 | 35.65 0.35 0.00 | 32.77 0.26 0.00 | 32.38 0.26 0.00 | 33.22 0.33 0.00 | 33.49 0.46 0.00 | 36.29 0.64 0.00 | 46.10 1.30 0.00 | 52.56 1.43 0.00 | 42.62 0.75 0.00 | 38.16 0.42 0.00 | 35.53 -0.07 0.00 | 33.74 -0.27 0.00 | 33.23 -0.37 0.00 | 32.31 -0.36 0.00 | 33.08 -0.33 0.00 | 34.42 -0.14 0.00 | 37.21 0.44 0.00 | 43.68 1.19 0.00 | 46.60 1.36 0.00 | 42.91 1.21 0.00 | 39.46 1.07 0.00 | 38.67 0.72 0.00 | 36.69 0.40 0.00 | 35.85 0.39 0.00 |
| COLDSPRG_115KV_BK1 355956 | 34.03 -1.27 0.00 | 31.60 -0.91 0.00 | 31.41 -0.71 0.00 | 32.27 -0.62 0.00 | 32.04 -0.99 0.00 | 35.36 -0.29 0.00 | 44.22 -0.58 0.00 | 47.85 -3.27 0.00 | 40.36 -1.51 0.00 | 36.35 -1.40 0.00 | 34.32 -1.28 0.00 | 32.65 -1.36 0.00 | 32.36 -1.24 0.00 | 31.23 -1.44 0.00 | 31.84 -1.57 0.01 | 33.13 -1.42 0.01 | 33.78 -2.94 0.05 | 39.98 -2.51 0.00 | 42.43 -2.80 0.00 | 38.86 -2.84 0.00 | 36.23 -2.15 0.00 | 34.12 -3.53 0.31 | 33.34 -2.90 0.05 | 33.97 -1.49 0.00 |
| COLONIE_LFGE___ 323577 | 36.54 1.23 0.00 | 33.65 1.14 0.00 | 33.24 1.12 0.00 | 34.05 1.15 0.00 | 34.15 1.12 0.00 | 36.97 1.32 0.00 | 46.82 2.02 0.00 | 53.68 2.56 0.00 | 43.67 1.80 0.00 | 38.99 1.24 0.00 | 36.74 1.14 0.00 | 35.17 1.16 0.00 | 34.71 1.11 0.00 | 33.75 1.08 0.00 | 34.55 1.14 0.00 | 35.69 1.14 0.00 | 38.02 1.25 0.00 | 44.23 1.74 0.00 | 47.18 1.94 0.00 | 43.45 1.75 0.00 | 40.00 1.61 0.00 | 39.31 1.36 0.00 | 37.49 1.20 0.00 | 36.63 1.17 0.00 |
| COOPERNY_115KV_TB1 80082 | 36.32 1.02 0.00 | 33.48 0.98 0.00 | 33.02 0.90 0.00 | 33.82 0.92 0.00 | 33.99 0.96 0.00 | 36.72 1.07 0.00 | 46.55 1.75 0.00 | 53.12 1.99 0.00 | 43.54 1.67 0.00 | 38.95 1.21 0.00 | 36.67 1.07 0.00 | 35.06 1.05 0.00 | 34.61 1.01 0.00 | 33.68 1.01 0.00 | 34.45 1.04 0.00 | 35.63 1.07 0.00 | 37.98 1.21 0.00 | 44.23 1.74 0.00 | 47.09 1.85 0.00 | 43.37 1.67 0.00 | 39.92 1.54 0.00 | 39.16 1.21 0.00 | 37.38 1.09 0.00 | 36.49 1.03 0.00 |
| COPENHAGEN_WT_PWR 323753 | 35.23 -0.07 0.00 | 32.38 -0.13 0.00 | 31.99 -0.13 0.00 | 32.83 -0.07 0.00 | 33.06 0.03 0.00 | 35.75 0.11 0.00 | 45.30 0.49 0.00 | 51.74 0.62 0.00 | 41.99 0.13 0.00 | 37.67 -0.08 0.00 | 35.14 -0.46 0.00 | 33.46 -0.55 0.00 | 32.96 -0.64 0.00 | 32.05 -0.62 0.00 | 32.81 -0.60 0.00 | 34.11 -0.45 0.00 | 36.77 0.00 0.00 | 43.04 0.55 0.00 | 45.92 0.68 0.00 | 42.33 0.63 0.00 | 38.88 0.50 0.00 | 38.18 0.23 0.00 | 36.30 0.00 0.00 | 35.43 -0.04 0.00 |
| CORNELL_____ 23752 | 35.65 0.35 0.00 | 32.90 0.39 0.00 | 32.54 0.42 0.00 | 33.32 0.43 0.00 | 33.46 0.43 0.00 | 36.39 0.75 0.00 | 46.17 1.34 -0.02 | 52.32 1.18 -0.02 | 42.85 0.96 -0.02 | 38.27 0.53 0.00 | 35.93 0.32 0.00 | 34.21 0.20 0.00 | 33.80 0.20 0.00 | 32.80 0.13 0.00 | 33.58 0.17 0.00 | 34.83 0.28 0.00 | 37.22 0.48 0.02 | 43.49 0.98 -0.02 | 46.35 1.09 -0.02 | 42.76 1.04 -0.02 | 39.40 1.00 -0.02 | 38.34 0.53 0.15 | 36.56 0.29 0.02 | 35.89 0.43 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| CORONA_69_KV_TB1 355595 | 44.70 2.44 -6.96 | 41.58 2.31 -6.76 | 39.67 2.22 -5.34 | 40.72 2.24 -5.59 | 43.09 2.28 -7.79 | 46.80 2.50 -8.66 | 56.28 3.63 -7.84 | 60.25 4.19 -4.93 | 53.52 3.56 -8.09 | 50.85 2.91 -10.20 | 47.15 2.71 -8.84 | 45.35 2.69 -8.65 | 44.27 2.62 -8.04 | 42.42 2.58 -7.17 | 43.49 2.64 -7.43 | 44.54 2.66 -7.33 | 53.30 2.87 -13.66 | 67.34 3.78 -21.07 | 66.45 4.03 -17.18 | 60.08 3.71 -14.67 | 51.86 3.34 -10.14 | 50.46 2.88 -9.63 | 44.49 2.76 -5.44 | 41.27 2.55 -3.26 |
| CORTLAND_115KV_TB3 80093 | 35.34 0.04 0.00 | 32.61 0.10 0.00 | 32.25 0.13 0.00 | 33.03 0.13 0.00 | 33.13 0.10 0.00 | 36.00 0.36 0.00 | 45.62 0.81 -0.01 | 51.75 0.61 -0.01 | 42.34 0.46 -0.01 | 37.90 0.15 0.00 | 35.64 0.04 0.00 | 33.98 -0.03 0.00 | 33.57 -0.03 0.00 | 32.57 -0.10 0.00 | 33.31 -0.10 0.00 | 34.55 0.00 0.00 | 36.82 0.07 0.02 | 42.97 0.47 -0.01 | 45.75 0.50 -0.01 | 42.21 0.50 -0.01 | 38.89 0.50 -0.01 | 37.92 0.11 0.14 | 36.24 -0.04 0.02 | 35.50 0.04 0.00 |
| COXSACKIE___GT 23611 | 37.45 2.15 0.00 | 34.49 1.98 0.00 | 34.08 1.96 0.00 | 34.90 2.01 0.00 | 35.04 2.01 0.00 | 38.00 2.35 0.00 | 48.26 3.45 0.00 | 55.06 3.94 0.00 | 44.51 2.64 0.00 | 39.33 1.58 0.00 | 36.78 1.17 0.00 | 35.03 1.02 0.00 | 34.54 0.94 0.00 | 33.69 1.01 0.00 | 34.58 1.17 0.00 | 35.80 1.24 0.00 | 38.43 1.66 0.00 | 45.12 2.64 0.00 | 48.27 3.03 0.00 | 44.37 2.67 0.00 | 40.84 2.46 0.00 | 39.96 2.01 0.00 | 38.15 1.85 0.00 | 37.20 1.74 0.00 |
| CPV_VALLEY___CC1 323721 | 36.40 1.10 0.00 | 33.58 1.07 0.00 | 33.15 1.03 0.00 | 33.92 1.02 0.00 | 34.02 0.99 0.00 | 36.75 1.11 0.00 | 46.82 2.02 0.00 | 53.83 2.71 0.00 | 43.75 1.89 0.00 | 39.03 1.28 0.00 | 36.74 1.14 0.00 | 35.17 1.16 0.00 | 34.71 1.11 0.00 | 33.78 1.11 0.00 | 34.58 1.17 0.00 | 35.69 1.14 0.00 | 38.09 1.32 0.00 | 44.40 1.91 0.00 | 47.28 2.04 0.00 | 43.49 1.79 0.00 | 40.03 1.65 0.00 | 39.28 1.33 0.00 | 37.49 1.20 0.00 | 36.53 1.06 0.00 |
| CPV_VALLEY___CC2 323722 | 36.40 1.10 0.00 | 33.58 1.07 0.00 | 33.15 1.03 0.00 | 33.92 1.02 0.00 | 34.02 0.99 0.00 | 36.75 1.11 0.00 | 46.82 2.02 0.00 | 53.83 2.71 0.00 | 43.75 1.89 0.00 | 39.03 1.28 0.00 | 36.74 1.14 0.00 | 35.17 1.16 0.00 | 34.71 1.11 0.00 | 33.78 1.11 0.00 | 34.58 1.17 0.00 | 35.69 1.14 0.00 | 38.09 1.32 0.00 | 44.40 1.91 0.00 | 47.28 2.04 0.00 | 43.49 1.79 0.00 | 40.03 1.65 0.00 | 39.28 1.33 0.00 | 37.49 1.20 0.00 | 36.53 1.06 0.00 |
| CRESCENT___HYD 24018 | 36.54 1.23 0.00 | 33.65 1.14 0.00 | 33.24 1.12 0.00 | 34.05 1.15 0.00 | 34.15 1.12 0.00 | 36.97 1.32 0.00 | 46.82 2.02 0.00 | 53.68 2.56 0.00 | 43.67 1.80 0.00 | 38.99 1.24 0.00 | 36.74 1.14 0.00 | 35.17 1.16 0.00 | 34.71 1.11 0.00 | 33.75 1.08 0.00 | 34.55 1.14 0.00 | 35.69 1.14 0.00 | 38.02 1.25 0.00 | 44.23 1.74 0.00 | 47.18 1.94 0.00 | 43.45 1.75 0.00 | 40.00 1.61 0.00 | 39.31 1.36 0.00 | 37.49 1.20 0.00 | 36.63 1.17 0.00 |
| CRICKET___VALLEY_CC1 323756 | 36.82 1.52 0.00 | 34.01 1.50 0.00 | 33.60 1.48 0.00 | 34.34 1.45 0.00 | 34.45 1.42 0.00 | 37.11 1.46 0.00 | 47.22 2.42 0.00 | 54.35 3.22 0.00 | 44.21 2.34 0.00 | 39.40 1.66 0.00 | 37.14 1.53 0.00 | 35.64 1.63 0.00 | 35.18 1.58 0.00 | 34.27 1.60 0.00 | 35.05 1.64 0.00 | 36.18 1.62 0.00 | 38.46 1.69 0.00 | 44.82 2.34 0.00 | 47.73 2.49 0.00 | 43.95 2.25 0.00 | 40.42 2.03 0.00 | 39.66 1.71 0.00 | 37.86 1.56 0.00 | 37.02 1.56 0.00 |
| CRICKET___VALLEY_CC2 323757 | 36.82 1.52 0.00 | 34.01 1.50 0.00 | 33.60 1.48 0.00 | 34.34 1.45 0.00 | 34.45 1.42 0.00 | 37.11 1.46 0.00 | 47.22 2.42 0.00 | 54.35 3.22 0.00 | 44.21 2.34 0.00 | 39.40 1.66 0.00 | 37.14 1.53 0.00 | 35.64 1.63 0.00 | 35.18 1.58 0.00 | 34.27 1.60 0.00 | 35.05 1.64 0.00 | 36.18 1.62 0.00 | 38.46 1.69 0.00 | 44.82 2.34 0.00 | 47.73 2.49 0.00 | 43.95 2.25 0.00 | 40.42 2.03 0.00 | 39.66 1.71 0.00 | 37.86 1.56 0.00 | 37.02 1.56 0.00 |
| CRICKET___VALLEY_CC3 323758 | 36.82 1.52 0.00 | 34.01 1.50 0.00 | 33.60 1.48 0.00 | 34.34 1.45 0.00 | 34.45 1.42 0.00 | 37.11 1.46 0.00 | 47.22 2.42 0.00 | 54.35 3.22 0.00 | 44.21 2.34 0.00 | 39.40 1.66 0.00 | 37.14 1.53 0.00 | 35.64 1.63 0.00 | 35.18 1.58 0.00 | 34.27 1.60 0.00 | 35.05 1.64 0.00 | 36.18 1.62 0.00 | 38.46 1.69 0.00 | 44.82 2.34 0.00 | 47.73 2.49 0.00 | 43.95 2.25 0.00 | 40.42 2.03 0.00 | 39.66 1.71 0.00 | 37.86 1.56 0.00 | 37.02 1.56 0.00 |
| CRUCIBLE_METL_DRP 24180 | 34.45 -0.85 0.00 | 31.76 -0.75 0.00 | 31.41 -0.71 0.00 | 32.17 -0.72 0.00 | 32.27 -0.76 0.00 | 35.00 -0.64 0.00 | 44.28 -0.54 -0.01 | 50.37 -0.77 -0.01 | 41.17 -0.71 -0.01 | 36.91 -0.83 0.00 | 34.72 -0.89 0.00 | 33.13 -0.88 0.00 | 32.73 -0.87 0.00 | 31.76 -0.91 0.00 | 32.47 -0.94 0.00 | 33.65 -0.90 0.00 | 35.90 -0.85 0.02 | 41.78 -0.72 -0.01 | 44.48 -0.77 -0.01 | 41.09 -0.63 -0.01 | 37.82 -0.58 -0.01 | 36.99 -0.83 0.12 | 35.33 -0.94 0.02 | 34.58 -0.89 0.00 |
| DAHOWA___HYDRO 323763 | 36.54 1.23 0.00 | 33.68 1.17 0.00 | 33.28 1.15 0.00 | 34.08 1.18 0.00 | 34.25 1.22 0.00 | 37.11 1.46 0.00 | 47.13 2.33 0.00 | 54.04 2.91 0.00 | 43.84 1.97 0.00 | 39.03 1.28 0.00 | 36.67 1.07 0.00 | 35.07 1.06 0.00 | 34.58 0.98 0.00 | 33.55 0.88 0.00 | 34.38 0.97 0.00 | 35.59 1.04 0.00 | 38.06 1.29 0.00 | 44.31 1.83 0.00 | 47.41 2.17 0.00 | 43.66 1.96 0.00 | 40.19 1.80 0.00 | 39.43 1.48 0.00 | 37.57 1.27 0.00 | 36.67 1.21 0.00 |
| DANC___LFGE 323619 | 34.73 -0.57 0.00 | 31.96 -0.55 0.00 | 31.54 -0.58 0.00 | 32.33 -0.56 0.00 | 32.53 -0.49 0.00 | 35.15 -0.50 0.00 | 44.45 -0.36 0.00 | 50.82 -0.30 0.00 | 41.28 -0.59 0.00 | 37.10 -0.64 0.00 | 34.72 -0.89 0.00 | 33.13 -0.88 0.00 | 32.66 -0.94 0.00 | 31.76 -0.91 0.00 | 32.48 -0.94 0.00 | 33.69 -0.86 0.00 | 36.18 -0.59 0.00 | 42.28 -0.21 0.00 | 45.06 -0.18 0.00 | 41.53 -0.17 0.00 | 38.19 -0.19 0.00 | 37.53 -0.42 0.00 | 35.71 -0.58 0.00 | 34.90 -0.57 0.00 |
| DANSKAMMER___1 23586 | 37.17 1.87 0.00 | 34.30 1.79 0.00 | 33.85 1.73 0.00 | 34.64 1.74 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.89 3.09 0.00 | 55.12 3.99 0.00 | 44.75 2.89 0.00 | 39.78 2.04 0.00 | 37.42 1.81 0.00 | 35.81 1.80 0.00 | 35.31 1.71 0.00 | 34.37 1.70 0.00 | 35.18 1.77 0.00 | 36.32 1.76 0.00 | 38.79 2.02 0.00 | 45.38 2.89 0.00 | 48.32 3.08 0.00 | 44.45 2.75 0.00 | 40.92 2.53 0.00 | 40.07 2.12 0.00 | 38.22 1.92 0.00 | 37.27 1.81 0.00 |
| DANSKAMMER___2 23589 | 37.17 1.87 0.00 | 34.30 1.79 0.00 | 33.85 1.73 0.00 | 34.64 1.74 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.89 3.09 0.00 | 55.12 3.99 0.00 | 44.75 2.89 0.00 | 39.78 2.04 0.00 | 37.42 1.81 0.00 | 35.81 1.80 0.00 | 35.31 1.71 0.00 | 34.37 1.70 0.00 | 35.18 1.77 0.00 | 36.32 1.76 0.00 | 38.79 2.02 0.00 | 45.38 2.89 0.00 | 48.32 3.08 0.00 | 44.45 2.75 0.00 | 40.92 2.53 0.00 | 40.07 2.12 0.00 | 38.22 1.92 0.00 | 37.27 1.81 0.00 |
| DANSKAMMER___3 23590 | 37.17 1.87 0.00 | 34.30 1.79 0.00 | 33.85 1.73 0.00 | 34.64 1.74 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.89 3.09 0.00 | 55.12 3.99 0.00 | 44.75 2.89 0.00 | 39.78 2.04 0.00 | 37.42 1.81 0.00 | 35.81 1.80 0.00 | 35.31 1.71 0.00 | 34.37 1.70 0.00 | 35.18 1.77 0.00 | 36.32 1.76 0.00 | 38.79 2.02 0.00 | 45.38 2.89 0.00 | 48.32 3.08 0.00 | 44.45 2.75 0.00 | 40.92 2.53 0.00 | 40.07 2.12 0.00 | 38.22 1.92 0.00 | 37.27 1.81 0.00 |

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| DANSKAMMER___4 23591 | 37.17 1.87 0.00 | 34.30 1.79 0.00 | 33.85 1.73 0.00 | 34.64 1.74 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.89 3.09 0.00 | 55.12 3.99 0.00 | 44.75 2.89 0.00 | 39.78 2.04 0.00 | 37.42 1.81 0.00 | 35.81 1.80 0.00 | 35.31 1.71 0.00 | 34.37 1.70 0.00 | 35.18 1.77 0.00 | 36.32 1.76 0.00 | 38.79 2.02 0.00 | 45.38 2.89 0.00 | 48.32 3.08 0.00 | 44.45 2.75 0.00 | 40.92 2.53 0.00 | 40.07 2.12 0.00 | 38.22 1.92 0.00 | 37.27 1.81 0.00 |
| DANSKAMMER___DIESEL 23592 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.76 1.64 0.00 | 34.57 1.68 0.00 | 34.71 1.68 0.00 | 37.46 1.82 0.00 | 47.76 2.96 0.00 | 54.45 3.32 0.00 | 44.67 2.81 0.00 | 39.74 2.00 0.00 | 37.42 1.82 0.00 | 35.78 1.77 0.00 | 35.31 1.71 0.00 | 34.37 1.70 0.00 | 35.18 1.77 0.00 | 36.35 1.80 0.00 | 38.83 2.06 0.00 | 45.38 2.89 0.00 | 48.32 3.08 0.00 | 44.45 2.75 0.00 | 40.92 2.53 0.00 | 40.04 2.09 0.00 | 38.22 1.92 0.00 | 37.27 1.81 0.00 |
| DARBY___SOLAR 323810 | 36.57 1.27 0.00 | 33.71 1.20 0.00 | 33.28 1.15 0.00 | 34.08 1.18 0.00 | 34.25 1.22 0.00 | 37.11 1.46 0.00 | 47.09 2.28 0.00 | 53.99 2.86 0.00 | 43.84 1.97 0.00 | 39.06 1.32 0.00 | 36.74 1.14 0.00 | 35.13 1.12 0.00 | 34.64 1.04 0.00 | 33.65 0.98 0.00 | 34.45 1.04 0.00 | 35.63 1.07 0.00 | 38.06 1.29 0.00 | 44.31 1.83 0.00 | 47.37 2.13 0.00 | 43.62 1.92 0.00 | 40.19 1.80 0.00 | 39.43 1.48 0.00 | 37.60 1.30 0.00 | 36.67 1.21 0.00 |
| DASHVILLE___HYD 23610 | 36.89 1.59 0.00 | 34.00 1.50 0.00 | 33.50 1.38 0.00 | 34.28 1.38 0.00 | 34.45 1.42 0.00 | 37.11 1.46 0.00 | 47.27 2.46 0.00 | 53.89 2.76 0.00 | 44.13 2.26 0.00 | 39.29 1.55 0.00 | 37.03 1.42 0.00 | 35.40 1.39 0.00 | 34.91 1.31 0.00 | 34.01 1.34 0.00 | 34.82 1.40 0.00 | 35.94 1.38 0.00 | 38.39 1.62 0.00 | 44.87 2.38 0.00 | 47.73 2.49 0.00 | 43.91 2.21 0.00 | 40.42 2.03 0.00 | 39.62 1.67 0.00 | 37.86 1.56 0.00 | 36.95 1.49 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 46.04 3.78 -6.96 | 42.78 3.51 -6.76 | 40.86 3.40 -5.34 | 41.91 3.42 -5.59 | 44.35 3.53 -7.79 | 48.19 3.89 -8.66 | 58.70 6.05 -7.84 | 62.91 6.85 -4.93 | 55.57 5.61 -8.10 | 52.36 4.42 -10.20 | 48.61 4.17 -8.84 | 46.74 4.08 -8.65 | 45.61 3.96 -8.04 | 43.66 3.82 -7.17 | 44.76 3.91 -7.43 | 45.93 4.04 -7.33 | 55.10 4.67 -13.66 | 69.63 6.08 -21.07 | 68.83 6.47 -17.12 | 62.25 5.88 -14.67 | 53.78 5.26 -10.14 | 52.21 4.63 -9.63 | 45.92 4.17 -5.45 | 42.69 3.97 -3.26 |
| DELAWARE___LFGE 323621 | 36.61 1.31 0.00 | 33.74 1.24 0.00 | 33.31 1.19 0.00 | 34.11 1.22 0.00 | 34.28 1.26 0.00 | 37.14 1.50 0.00 | 47.10 2.29 -0.01 | 53.59 2.45 -0.01 | 43.88 2.01 -0.01 | 39.22 1.47 0.00 | 36.85 1.25 0.00 | 35.17 1.16 0.00 | 34.71 1.11 0.00 | 33.72 1.05 0.00 | 34.51 1.10 0.00 | 35.73 1.17 0.00 | 38.12 1.36 0.01 | 44.45 1.95 -0.01 | 47.33 2.08 -0.01 | 43.63 1.92 -0.01 | 40.16 1.77 -0.01 | 39.32 1.44 0.07 | 37.55 1.27 0.01 | 36.74 1.28 0.00 |
| DERFIELD_115KV_TB7 355931 | 35.51 0.21 0.00 | 32.70 0.20 0.00 | 32.31 0.19 0.00 | 33.06 0.16 0.00 | 33.23 0.20 0.00 | 35.86 0.21 0.00 | 45.25 0.45 0.00 | 51.59 0.46 0.00 | 42.24 0.38 0.00 | 37.97 0.23 0.00 | 35.78 0.18 0.00 | 34.21 0.20 0.00 | 33.77 0.17 0.00 | 32.87 0.20 0.00 | 33.61 0.20 0.00 | 34.76 0.21 0.00 | 37.03 0.26 0.00 | 42.87 0.38 0.00 | 45.65 0.41 0.00 | 42.08 0.38 0.00 | 38.73 0.35 0.00 | 38.22 0.27 0.00 | 36.51 0.22 0.00 | 35.64 0.18 0.00 |
| DOGLEVILLE___HYD 23807 | 35.97 0.67 0.00 | 33.13 0.62 0.00 | 32.76 0.64 0.00 | 33.59 0.69 0.00 | 33.75 0.73 0.00 | 36.50 0.85 0.00 | 46.06 1.25 0.00 | 52.51 1.38 0.00 | 42.83 0.96 0.00 | 38.42 0.68 0.00 | 36.17 0.57 0.00 | 34.62 0.61 0.00 | 34.17 0.57 0.00 | 33.26 0.59 0.00 | 34.02 0.60 0.00 | 35.18 0.62 0.00 | 37.47 0.70 0.00 | 43.42 0.93 0.00 | 46.23 0.99 0.00 | 42.62 0.92 0.00 | 39.23 0.84 0.00 | 38.82 0.87 0.00 | 37.06 0.76 0.00 | 36.21 0.75 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 33.01 -2.29 0.00 | 30.66 -1.85 0.00 | 30.51 -1.61 0.00 | 31.35 -1.55 0.00 | 31.01 -2.01 0.00 | 34.22 -1.43 0.00 | 42.69 -2.11 0.01 | 46.82 -4.29 0.01 | 39.01 -2.85 0.01 | 35.10 -2.64 0.00 | 33.18 -2.42 0.00 | 31.60 -2.41 0.00 | 31.35 -2.25 0.00 | 30.29 -2.39 0.00 | 30.90 -2.51 0.01 | 32.09 -2.45 0.01 | 33.19 -3.53 0.05 | 39.00 -3.48 0.01 | 41.43 -3.80 0.01 | 38.07 -3.63 0.01 | 35.34 -3.03 0.01 | 33.72 -3.91 0.32 | 32.87 -3.38 0.05 | 32.95 -2.52 0.00 |
| DUNKIRK___1 23563 | 33.01 -2.29 0.00 | 30.66 -1.85 0.00 | 30.51 -1.61 0.00 | 31.35 -1.55 0.00 | 31.01 -2.01 0.00 | 34.22 -1.43 0.00 | 42.69 -2.11 0.01 | 46.82 -4.29 0.01 | 39.01 -2.85 0.01 | 35.10 -2.64 0.00 | 33.18 -2.42 0.00 | 31.60 -2.41 0.00 | 31.35 -2.25 0.00 | 30.29 -2.39 0.00 | 30.90 -2.51 0.01 | 32.09 -2.45 0.01 | 33.19 -3.53 0.05 | 39.00 -3.48 0.01 | 41.43 -3.80 0.01 | 38.07 -3.63 0.01 | 35.34 -3.03 0.01 | 33.72 -3.91 0.32 | 32.87 -3.38 0.05 | 32.95 -2.52 0.00 |
| DUNKIRK___2 23564 | 33.01 -2.29 0.00 | 30.66 -1.85 0.00 | 30.51 -1.61 0.00 | 31.35 -1.55 0.00 | 31.01 -2.01 0.00 | 34.22 -1.43 0.00 | 42.69 -2.11 0.01 | 46.82 -4.29 0.01 | 39.01 -2.85 0.01 | 35.10 -2.64 0.00 | 33.18 -2.42 0.00 | 31.60 -2.41 0.00 | 31.35 -2.25 0.00 | 30.29 -2.39 0.00 | 30.90 -2.51 0.01 | 32.09 -2.45 0.01 | 33.19 -3.53 0.05 | 39.00 -3.48 0.01 | 41.43 -3.80 0.01 | 38.07 -3.63 0.01 | 35.34 -3.03 0.01 | 33.72 -3.91 0.32 | 32.87 -3.38 0.05 | 32.95 -2.52 0.00 |
| DUNKIRK___3 23565 | 32.97 -2.33 0.00 | 30.62 -1.89 0.00 | 30.45 -1.67 0.00 | 31.25 -1.64 0.00 | 30.95 -2.08 0.00 | 34.11 -1.53 0.00 | 42.56 -2.24 0.01 | 46.62 -4.50 0.01 | 38.93 -2.93 0.01 | 34.99 -2.76 0.00 | 33.08 -2.53 0.00 | 31.53 -2.48 0.00 | 31.25 -2.35 0.00 | 30.22 -2.45 0.00 | 30.83 -2.57 0.01 | 32.02 -2.52 0.01 | 33.11 -3.60 0.05 | 38.91 -3.57 0.01 | 41.34 -3.89 0.01 | 37.98 -3.71 0.01 | 35.27 -3.11 0.01 | 33.64 -3.98 0.32 | 32.76 -3.48 0.05 | 32.91 -2.55 0.00 |
| DUNKIRK___4 23566 | 32.94 -2.37 0.00 | 30.59 -1.92 0.00 | 30.45 -1.67 0.00 | 31.25 -1.64 0.00 | 30.91 -2.11 0.00 | 34.11 -1.53 0.00 | 42.51 -2.29 0.01 | 46.62 -4.50 0.01 | 38.89 -2.97 0.01 | 34.95 -2.79 0.00 | 33.04 -2.56 0.00 | 31.49 -2.52 0.00 | 31.21 -2.39 0.00 | 30.19 -2.48 0.00 | 30.80 -2.61 0.01 | 31.99 -2.56 0.01 | 33.04 -3.68 0.05 | 38.83 -3.65 0.01 | 41.30 -3.94 0.01 | 37.90 -3.79 0.01 | 35.23 -3.15 0.01 | 33.56 -4.06 0.33 | 32.72 -3.52 0.05 | 32.84 -2.62 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 37.14 1.84 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.51 1.61 0.00 | 34.71 1.68 0.00 | 37.46 1.82 0.00 | 47.67 2.87 0.00 | 54.50 3.37 0.00 | 44.80 2.93 0.00 | 39.97 2.23 0.00 | 37.71 2.07 -0.04 | 36.16 2.07 -0.07 | 35.73 2.05 -0.08 | 34.78 2.03 -0.08 | 35.57 2.07 -0.08 | 36.68 2.07 -0.05 | 39.15 2.32 -0.06 | 45.99 3.10 -0.40 | 51.04 3.30 -2.50 | 44.99 3.00 -0.29 | 41.10 2.69 -0.02 | 40.25 2.28 -0.02 | 38.42 2.11 -0.02 | 37.41 1.95 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 36.89 1.59 0.00 | 33.97 1.46 0.00 | 33.50 1.38 0.00 | 34.28 1.38 0.00 | 34.45 1.42 0.00 | 37.21 1.57 0.00 | 47.36 2.55 0.00 | 54.04 2.91 0.00 | 44.30 2.43 0.00 | 39.48 1.74 0.00 | 37.17 1.57 0.00 | 35.57 1.56 0.00 | 35.08 1.48 0.00 | 34.17 1.50 0.00 | 34.95 1.54 0.00 | 36.11 1.55 0.00 | 38.53 1.76 0.00 | 45.04 2.55 0.00 | 47.91 2.67 0.00 | 44.12 2.42 0.00 | 40.61 2.23 0.00 | 39.77 1.82 0.00 | 37.96 1.67 0.00 | 36.99 1.52 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 37.06 1.77 0.00 | 34.20 1.69 0.00 | 33.63 1.51 0.00 | 34.34 1.45 0.00 | 34.65 1.62 0.00 | 37.32 1.68 0.00 | 47.63 2.82 0.00 | 54.45 3.32 0.00 | 44.88 3.01 0.00 | 40.02 2.26 -0.02 | 37.84 2.14 -0.10 | 36.33 2.14 -0.18 | 35.92 2.12 -0.20 | 34.97 2.09 -0.21 | 35.76 2.14 -0.21 | 36.83 2.14 -0.13 | 39.31 2.39 -0.15 | 46.03 3.19 -0.35 | 50.91 3.48 -2.18 | 45.14 3.17 -0.27 | 41.28 2.84 -0.06 | 40.43 2.43 -0.05 | 38.62 2.29 -0.04 | 37.63 2.16 0.00 |
| E179THST_13_KV_LOAD 356214 | 37.21 1.91 0.00 | 34.30 1.79 0.00 | 33.76 1.64 0.00 | 34.47 1.58 0.00 | 34.78 1.75 0.00 | 37.46 1.82 0.00 | 47.81 3.00 0.00 | 54.70 3.58 0.00 | 45.09 3.22 0.00 | 40.21 2.45 -0.02 | 38.02 2.31 -0.10 | 36.50 2.31 -0.18 | 36.05 2.25 -0.20 | 35.14 2.25 -0.21 | 35.93 2.31 -0.21 | 37.01 2.32 -0.13 | 39.49 2.57 -0.15 | 46.24 3.40 -0.35 | 51.13 3.71 -2.18 | 45.34 3.38 -0.27 | 41.51 3.07 -0.06 | 40.58 2.58 -0.05 | 38.76 2.43 -0.04 | 37.77 2.31 0.00 |
| EAST HAMPTON___GT 23717 | 46.28 4.02 -6.96 | 43.10 3.83 -6.76 | 41.18 3.72 -5.34 | 42.27 3.78 -5.59 | 44.61 3.80 -7.79 | 48.58 4.28 -8.66 | 59.32 6.68 -7.84 | 64.19 8.13 -4.93 | 56.08 6.11 -8.10 | 52.70 4.76 -10.20 | 48.93 4.49 -8.84 | 47.02 4.35 -8.65 | 45.88 4.23 -8.04 | 43.93 4.08 -7.17 | 45.02 4.18 -7.43 | 46.17 4.28 -7.33 | 55.43 5.00 -13.66 | 70.10 6.54 -21.07 | 69.28 6.92 -17.12 | 62.66 6.30 -14.67 | 54.17 5.64 -10.14 | 52.63 5.05 -9.63 | 46.21 4.46 -5.45 | 42.97 4.25 -3.26 |
| EAST RIVER___6 23660 | 37.06 1.76 0.00 | 34.23 1.72 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.65 1.62 0.00 | 37.46 1.82 0.00 | 48.03 3.23 0.00 | 55.57 4.45 0.00 | 45.17 3.31 0.00 | 40.25 2.49 -0.02 | 40.37 2.28 -2.48 | 40.50 2.28 -4.21 | 40.57 2.25 -4.72 | 39.77 2.19 -4.91 | 40.55 2.27 -4.86 | 40.02 2.24 -3.22 | 42.82 2.50 -3.55 | 50.49 3.36 -4.65 | 50.45 3.53 -1.68 | 49.01 3.21 -4.10 | 42.73 2.88 -1.47 | 41.64 2.47 -1.23 | 39.48 2.21 -0.97 | 37.53 2.06 -0.01 |
| EAST RIVER___7 23524 | 37.06 1.76 0.00 | 34.23 1.72 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.65 1.62 0.00 | 37.46 1.82 0.00 | 48.03 3.23 0.00 | 55.57 4.45 0.00 | 45.17 3.31 0.00 | 40.25 2.49 -0.02 | 40.37 2.28 -2.48 | 40.50 2.28 -4.21 | 40.57 2.25 -4.72 | 39.77 2.19 -4.91 | 40.55 2.27 -4.86 | 40.02 2.24 -3.22 | 42.82 2.50 -3.55 | 50.49 3.36 -4.65 | 50.45 3.53 -1.68 | 49.01 3.21 -4.10 | 42.73 2.88 -1.47 | 41.64 2.47 -1.23 | 39.48 2.21 -0.97 | 37.53 2.06 -0.01 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 37.07 1.77 0.00 | 34.17 1.66 0.00 | 33.66 1.54 0.00 | 34.44 1.55 0.00 | 34.61 1.59 0.00 | 37.39 1.75 0.00 | 47.58 2.78 0.00 | 54.35 3.22 0.00 | 44.67 2.81 0.00 | 39.86 2.11 0.00 | 37.56 1.96 0.00 | 35.98 1.97 0.00 | 35.55 1.95 0.00 | 34.60 1.93 0.00 | 35.38 1.97 0.00 | 36.52 1.97 0.00 | 38.94 2.17 0.00 | 45.50 2.97 -0.04 | 48.71 3.17 -0.30 | 44.56 2.84 -0.03 | 40.96 2.57 0.00 | 40.11 2.16 0.00 | 38.29 2.00 0.00 | 37.31 1.84 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 46.28 4.02 -6.96 | 43.10 3.83 -6.76 | 41.18 3.72 -5.34 | 42.27 3.78 -5.59 | 44.61 3.80 -7.79 | 48.58 4.28 -8.66 | 59.32 6.68 -7.84 | 64.19 8.13 -4.93 | 56.08 6.11 -8.10 | 52.70 4.76 -10.20 | 48.93 4.49 -8.84 | 47.02 4.35 -8.65 | 45.88 4.23 -8.04 | 43.89 4.05 -7.17 | 45.02 4.18 -7.43 | 46.17 4.28 -7.33 | 55.43 5.00 -13.66 | 70.10 6.54 -21.07 | 69.28 6.92 -17.12 | 62.66 6.30 -14.67 | 54.17 5.64 -10.14 | 52.59 5.01 -9.63 | 46.21 4.46 -5.45 | 42.97 4.25 -3.26 |
| EAST_PULASKI___ESR 323781 | 34.28 -1.02 0.00 | 31.60 -0.91 0.00 | 31.22 -0.90 0.00 | 32.01 -0.89 0.00 | 32.07 -0.96 0.00 | 34.75 -0.89 0.00 | 44.00 -0.81 0.00 | 50.11 -1.02 0.00 | 40.91 -0.96 0.00 | 36.69 -1.06 0.00 | 34.43 -1.17 0.00 | 32.85 -1.16 0.00 | 32.46 -1.14 0.00 | 31.50 -1.18 0.00 | 32.21 -1.20 0.00 | 33.38 -1.17 0.00 | 35.70 -1.07 0.00 | 41.60 -0.89 0.00 | 44.34 -0.90 0.00 | 40.91 -0.79 0.00 | 37.62 -0.77 0.00 | 37.00 -0.95 0.00 | 35.24 -1.05 0.00 | 34.44 -1.03 0.00 |
| EAST_RIVER___1 323558 | 37.17 1.87 0.00 | 34.36 1.85 0.00 | 33.89 1.77 0.00 | 34.64 1.74 0.00 | 34.78 1.75 0.00 | 37.61 1.96 0.00 | 48.17 3.36 0.00 | 55.63 4.50 0.00 | 45.22 3.35 0.00 | 40.25 2.49 -0.02 | 40.40 2.31 -2.48 | 40.54 2.31 -4.21 | 40.57 2.25 -4.72 | 39.80 2.22 -4.91 | 40.58 2.30 -4.86 | 40.05 2.28 -3.22 | 42.86 2.54 -3.55 | 50.49 3.36 -4.65 | 50.49 3.57 -1.68 | 49.01 3.21 -4.10 | 42.81 2.96 -1.47 | 41.72 2.54 -1.23 | 39.59 2.32 -0.97 | 37.64 2.16 -0.01 |
| EAST_RIVER___2 323559 | 37.06 1.76 0.00 | 34.23 1.72 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.65 1.62 0.00 | 37.46 1.82 0.00 | 48.03 3.23 0.00 | 55.57 4.45 0.00 | 45.17 3.31 0.00 | 40.25 2.49 -0.02 | 40.37 2.28 -2.48 | 40.50 2.28 -4.21 | 40.57 2.25 -4.72 | 39.77 2.19 -4.91 | 40.55 2.27 -4.86 | 40.02 2.24 -3.22 | 42.82 2.50 -3.55 | 50.49 3.36 -4.65 | 50.45 3.53 -1.68 | 49.01 3.21 -4.10 | 42.73 2.88 -1.47 | 41.64 2.47 -1.23 | 39.48 2.21 -0.97 | 37.53 2.06 -0.01 |
| EAST___DELAWARE_HYD 23607 | 36.46 1.16 0.00 | 33.65 1.14 0.00 | 33.21 1.09 0.00 | 33.98 1.08 0.00 | 34.08 1.06 0.00 | 36.82 1.17 0.00 | 47.18 2.37 0.00 | 54.19 3.07 0.00 | 43.96 2.09 0.00 | 38.99 1.24 0.00 | 36.60 1.00 0.00 | 34.96 0.95 0.00 | 33.57 -0.03 0.00 | 32.70 0.03 0.00 | 33.51 0.10 0.00 | 34.59 0.03 0.00 | 37.10 0.33 0.00 | 43.55 1.06 0.00 | 46.32 1.08 0.00 | 42.58 0.88 0.00 | 40.19 1.80 0.00 | 39.35 1.40 0.00 | 37.49 1.20 0.00 | 36.53 1.06 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 35.76 0.46 0.00 | 33.03 0.52 0.00 | 32.67 0.55 0.00 | 33.45 0.56 0.00 | 33.62 0.60 0.00 | 36.75 1.11 0.00 | 46.26 1.43 -0.02 | 52.63 1.48 -0.02 | 42.94 1.05 -0.02 | 38.54 0.79 0.00 | 36.25 0.64 0.00 | 34.45 0.44 0.00 | 34.04 0.44 0.00 | 32.93 0.26 0.00 | 33.71 0.30 0.01 | 35.00 0.45 0.01 | 37.10 0.37 0.04 | 43.53 1.02 -0.02 | 46.26 0.99 -0.02 | 42.85 1.13 -0.02 | 39.48 1.07 -0.02 | 37.99 0.27 0.23 | 36.37 0.11 0.04 | 36.07 0.60 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 34.28 -1.02 0.00 | 31.63 -0.88 0.00 | 31.29 -0.84 0.00 | 32.04 -0.86 0.00 | 32.10 -0.92 0.00 | 34.86 -0.78 0.00 | 44.06 -0.76 -0.01 | 50.12 -1.02 -0.02 | 41.00 -0.88 -0.02 | 36.73 -1.02 0.00 | 34.57 -1.03 0.00 | 32.99 -1.02 0.00 | 32.56 -1.04 0.00 | 31.63 -1.05 0.00 | 32.34 -1.07 0.00 | 33.52 -1.04 0.00 | 35.72 -1.03 0.02 | 41.57 -0.93 -0.02 | 44.31 -0.95 -0.02 | 40.88 -0.83 -0.02 | 37.63 -0.77 -0.02 | 36.82 -1.02 0.11 | 35.19 -1.09 0.02 | 34.40 -1.06 0.00 |
| ELEC_TRO_TEK 24086 | 44.59 2.33 -6.96 | 41.45 2.18 -6.76 | 39.51 2.06 -5.34 | 40.56 2.07 -5.59 | 42.93 2.11 -7.79 | 46.62 2.32 -8.66 | 56.14 3.49 -7.84 | 60.10 4.04 -4.93 | 53.43 3.47 -8.09 | 50.66 2.72 -10.20 | 46.97 2.53 -8.84 | 45.18 2.52 -8.65 | 44.13 2.49 -8.04 | 42.29 2.45 -7.17 | 43.35 2.51 -7.43 | 44.44 2.56 -7.33 | 53.22 2.79 -13.66 | 67.21 3.65 -21.07 | 66.30 3.89 -17.17 | 59.92 3.54 -14.67 | 51.71 3.19 -10.14 | 50.35 2.77 -9.63 | 44.31 2.58 -5.44 | 41.13 2.41 -3.26 |
| ELLENBURG_WT_PWR 323604 | 36.57 1.27 0.00 | 33.42 0.91 0.00 | 33.15 1.03 0.00 | 34.01 1.12 0.00 | 34.18 1.16 0.00 | 36.86 1.21 0.00 | 45.57 0.76 0.00 | 51.69 0.56 0.00 | 42.70 0.84 0.00 | 38.99 1.24 0.00 | 36.78 1.17 0.00 | 34.82 0.81 0.00 | 34.54 0.94 0.00 | 33.62 0.95 0.00 | 34.35 0.93 0.00 | 35.59 1.04 0.00 | 37.95 1.18 0.00 | 43.59 1.10 0.00 | 46.23 0.99 0.00 | 42.53 0.83 0.00 | 39.15 0.77 0.00 | 39.01 1.06 0.00 | 37.28 0.98 0.00 | 36.95 1.49 0.00 |

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|--------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 32.41 -2.89 0.00 | 30.10 -2.41 0.00 | 29.97 -2.15 0.00 | 30.76 -2.14 0.00 | 30.39 -2.64 0.00 | 33.51 -2.14 0.00 | 41.71 -3.09 0.01 | 45.90 -5.21 0.01 | 38.13 -3.73 0.01 | 34.27 -3.47 0.00 | 32.40 -3.20 0.00 | 30.88 -3.13 0.00 | 30.64 -2.96 0.00 | 29.63 -3.04 0.00 | 30.26 -3.14 0.01 | 31.40 -3.14 0.01 | 32.56 -4.15 0.05 | 38.14 -4.33 0.01 | 40.62 -4.61 0.01 | 37.31 -4.38 0.01 | 34.61 -3.76 0.01 | 33.14 -4.48 0.33 | 32.32 -3.92 0.05 | 32.27 -3.19 0.00 |
| EMPIRE_CC_1 323656 | 36.25 0.95 0.00 | 33.45 0.94 0.00 | 33.02 0.90 0.00 | 33.78 0.89 0.00 | 33.92 0.89 0.00 | 36.64 1.00 0.00 | 46.33 1.52 0.00 | 53.07 1.94 0.00 | 43.21 1.34 0.00 | 38.57 0.83 0.00 | 36.39 0.78 0.00 | 34.89 0.88 0.00 | 34.47 0.87 0.00 | 33.55 0.88 0.00 | 34.32 0.90 0.00 | 35.45 0.90 0.00 | 37.65 0.88 0.00 | 43.76 1.27 0.00 | 46.64 1.40 0.00 | 42.95 1.25 0.00 | 39.53 1.15 0.00 | 38.86 0.91 0.00 | 37.09 0.80 0.00 | 36.31 0.85 0.00 |
| EMPIRE_CC_2 323658 | 36.25 0.95 0.00 | 33.45 0.94 0.00 | 33.02 0.90 0.00 | 33.78 0.89 0.00 | 33.92 0.89 0.00 | 36.64 1.00 0.00 | 46.33 1.52 0.00 | 53.07 1.94 0.00 | 43.21 1.34 0.00 | 38.57 0.83 0.00 | 36.39 0.78 0.00 | 34.89 0.88 0.00 | 34.47 0.87 0.00 | 33.55 0.88 0.00 | 34.32 0.90 0.00 | 35.45 0.90 0.00 | 37.65 0.88 0.00 | 43.76 1.27 0.00 | 46.64 1.40 0.00 | 42.95 1.25 0.00 | 39.53 1.15 0.00 | 38.86 0.91 0.00 | 37.09 0.80 0.00 | 36.31 0.85 0.00 |
| ENORWICH_115KV_TB1 80156 | 38.72 3.42 0.00 | 35.73 3.22 0.00 | 35.33 3.21 0.00 | 36.25 3.36 0.00 | 36.53 3.50 0.00 | 39.82 4.17 0.00 | 50.86 6.05 -0.01 | 57.58 6.44 -0.01 | 46.78 4.90 -0.01 | 41.52 3.77 0.00 | 38.53 2.92 0.00 | 36.46 2.45 0.00 | 35.95 2.35 0.00 | 34.86 2.19 0.00 | 35.72 2.31 0.00 | 37.25 2.70 0.00 | 40.24 3.49 0.02 | 47.60 5.10 -0.01 | 50.77 5.52 -0.01 | 46.76 5.05 -0.01 | 43.00 4.61 -0.01 | 41.71 3.87 0.12 | 39.69 3.41 0.02 | 38.94 3.48 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 33.18 -2.12 0.00 | 30.79 -1.72 0.00 | 30.64 -1.48 0.00 | 31.45 -1.45 0.00 | 31.15 -1.88 0.00 | 34.33 -1.32 0.00 | 42.83 -1.97 0.01 | 46.00 -5.11 0.01 | 38.97 -2.89 0.01 | 35.10 -2.64 0.00 | 33.18 -2.42 0.00 | 31.63 -2.38 0.00 | 31.35 -2.25 0.00 | 30.32 -2.35 0.00 | 30.97 -2.44 0.01 | 32.16 -2.38 0.01 | 32.71 -4.01 0.05 | 38.61 -3.87 0.01 | 41.07 -4.16 0.01 | 37.61 -4.09 0.01 | 35.07 -3.30 0.01 | 32.99 -4.63 0.33 | 32.36 -3.88 0.05 | 33.09 -2.38 0.00 |
| ERIE_WT_PWR 323693 | 32.69 -2.61 0.00 | 30.14 -2.37 0.00 | 29.78 -2.34 0.00 | 30.59 -2.30 0.00 | 30.68 -2.34 0.00 | 33.65 -2.00 0.00 | 41.08 -3.72 0.01 | 46.11 -5.01 0.01 | 37.97 -3.89 0.01 | 34.57 -3.17 0.00 | 32.69 -2.92 0.00 | 31.19 -2.82 0.00 | 30.95 -2.66 0.00 | 29.89 -2.78 0.00 | 30.56 -2.84 0.01 | 31.68 -2.87 0.01 | 32.74 -3.97 0.05 | 38.36 -4.12 0.01 | 40.80 -4.43 0.01 | 37.77 -3.92 0.01 | 34.88 -3.49 0.01 | 33.22 -4.40 0.33 | 32.43 -3.81 0.05 | 32.56 -2.91 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 37.42 2.12 0.00 | 34.49 1.98 0.00 | 34.08 1.96 0.00 | 34.93 2.04 0.00 | 35.17 2.15 0.00 | 38.18 2.53 0.00 | 48.71 3.90 0.00 | 55.27 4.14 0.00 | 45.09 3.22 0.00 | 40.12 2.38 0.00 | 37.56 1.96 0.00 | 35.74 1.73 0.00 | 35.28 1.68 0.00 | 34.31 1.63 0.00 | 35.15 1.74 0.00 | 36.45 1.90 0.00 | 39.04 2.28 0.01 | 45.64 3.14 0.00 | 48.73 3.48 0.00 | 44.87 3.17 0.00 | 41.30 2.92 0.00 | 40.41 2.50 0.04 | 38.50 2.21 0.01 | 37.59 2.13 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 35.62 0.32 0.00 | 32.87 0.36 0.00 | 32.51 0.39 0.00 | 33.29 0.39 0.00 | 33.39 0.36 0.00 | 36.32 0.68 0.00 | 46.08 1.25 -0.01 | 52.27 1.12 -0.02 | 42.76 0.88 -0.02 | 38.20 0.45 0.00 | 35.89 0.28 0.00 | 34.18 0.17 0.00 | 33.77 0.17 0.00 | 32.74 0.07 0.00 | 33.51 0.10 0.00 | 34.79 0.24 0.00 | 37.15 0.40 0.02 | 43.40 0.89 -0.02 | 46.25 1.00 -0.02 | 42.68 0.96 -0.02 | 39.32 0.92 -0.02 | 38.26 0.46 0.14 | 36.53 0.25 0.02 | 35.82 0.35 0.00 |
| ETNA____115KV_TB2 80207 | 35.62 0.32 0.00 | 32.87 0.36 0.00 | 32.51 0.39 0.00 | 33.29 0.39 0.00 | 33.39 0.36 0.00 | 36.32 0.68 0.00 | 46.08 1.25 -0.01 | 52.27 1.12 -0.02 | 42.76 0.88 -0.02 | 38.20 0.45 0.00 | 35.89 0.28 0.00 | 34.18 0.17 0.00 | 33.77 0.17 0.00 | 32.74 0.07 0.00 | 33.51 0.10 0.00 | 34.79 0.24 0.00 | 37.15 0.40 0.02 | 43.40 0.89 -0.02 | 46.25 1.00 -0.02 | 42.68 0.96 -0.02 | 39.32 0.92 -0.02 | 38.26 0.46 0.14 | 36.53 0.25 0.02 | 35.82 0.35 0.00 |
| EUCLID___115KV_TB2 356179 | 33.96 -1.34 0.00 | 31.31 -1.20 0.00 | 30.96 -1.16 0.00 | 31.71 -1.18 0.00 | 31.77 -1.26 0.00 | 34.51 -1.14 0.00 | 43.60 -1.21 0.00 | 49.54 -1.58 0.00 | 40.57 -1.30 0.00 | 36.35 -1.40 0.00 | 34.22 -1.39 0.00 | 32.68 -1.33 0.00 | 32.29 -1.31 0.00 | 31.33 -1.34 0.00 | 32.04 -1.37 0.01 | 33.20 -1.35 0.01 | 35.37 -1.36 0.04 | 41.13 -1.36 0.00 | 43.79 -1.45 0.00 | 40.41 -1.29 0.00 | 37.23 -1.15 0.00 | 36.35 -1.37 0.24 | 34.84 -1.42 0.04 | 34.05 -1.42 0.00 |
| E_CANADA_CAP_HY 24051 | 37.67 2.37 0.00 | 34.75 2.24 0.00 | 34.34 2.21 0.00 | 35.20 2.30 0.00 | 35.44 2.41 0.00 | 38.53 2.89 0.00 | 49.06 4.26 0.00 | 55.99 4.86 0.00 | 45.30 3.43 0.00 | 40.23 2.49 0.00 | 37.63 2.03 0.00 | 35.88 1.87 0.00 | 35.38 1.78 0.00 | 34.47 1.80 0.00 | 35.38 1.97 0.00 | 36.70 2.14 0.00 | 39.23 2.46 0.01 | 45.84 3.36 0.00 | 49.08 3.84 0.00 | 45.20 3.50 0.00 | 41.61 3.22 0.00 | 40.84 2.92 0.03 | 38.87 2.58 0.01 | 37.88 2.41 0.00 |
| E_CANADA_MHWK_HY 24050 | 35.97 0.67 0.00 | 33.13 0.62 0.00 | 32.76 0.64 0.00 | 33.59 0.69 0.00 | 33.75 0.73 0.00 | 36.50 0.85 0.00 | 46.06 1.25 0.00 | 52.51 1.38 0.00 | 42.83 0.96 0.00 | 38.42 0.68 0.00 | 36.17 0.57 0.00 | 34.62 0.61 0.00 | 34.17 0.57 0.00 | 33.26 0.59 0.00 | 34.02 0.60 0.00 | 35.18 0.62 0.00 | 37.47 0.70 0.00 | 43.42 0.93 0.00 | 46.23 0.99 0.00 | 42.62 0.92 0.00 | 39.23 0.84 0.00 | 38.82 0.87 0.00 | 37.06 0.76 0.00 | 36.21 0.75 0.00 |
| E_FISHKILL___LBMP 23776 | 36.85 1.55 0.00 | 33.97 1.46 0.00 | 33.50 1.38 0.00 | 34.28 1.38 0.00 | 34.45 1.42 0.00 | 37.14 1.50 0.00 | 47.22 2.42 0.00 | 53.94 2.81 0.00 | 44.25 2.39 0.00 | 39.52 1.77 0.00 | 37.24 1.64 0.00 | 35.71 1.70 0.00 | 35.25 1.65 0.00 | 34.31 1.63 0.00 | 35.08 1.67 0.00 | 36.25 1.69 0.00 | 38.61 1.84 0.00 | 44.98 2.51 0.02 | 47.77 2.67 0.13 | 44.11 2.42 0.01 | 40.57 2.19 0.00 | 39.77 1.82 0.00 | 37.96 1.67 0.00 | 37.06 1.60 0.00 |
| FALCON___SEABRD_CC1 323796 | 37.10 1.80 0.00 | 33.87 1.37 0.00 | 33.57 1.45 0.00 | 34.51 1.61 0.00 | 34.65 1.62 0.00 | 37.39 1.75 0.00 | 46.02 1.21 0.00 | 52.20 1.08 0.00 | 43.08 1.21 0.00 | 39.37 1.62 0.00 | 37.10 1.50 0.00 | 35.07 1.06 0.00 | 34.81 1.21 0.00 | 33.88 1.21 0.00 | 34.61 1.20 0.00 | 35.87 1.31 0.00 | 38.28 1.51 0.00 | 44.06 1.57 0.00 | 46.64 1.40 0.00 | 42.95 1.25 0.00 | 39.50 1.11 0.00 | 39.35 1.40 0.00 | 37.57 1.27 0.00 | 37.48 2.02 0.00 |
| FALCON___SEABRD_CC2 323797 | 37.10 1.80 0.00 | 33.87 1.37 0.00 | 33.57 1.45 0.00 | 34.51 1.61 0.00 | 34.65 1.62 0.00 | 37.39 1.75 0.00 | 46.02 1.21 0.00 | 52.20 1.08 0.00 | 43.08 1.21 0.00 | 39.37 1.62 0.00 | 37.10 1.50 0.00 | 35.07 1.06 0.00 | 34.81 1.21 0.00 | 33.88 1.21 0.00 | 34.61 1.20 0.00 | 35.87 1.31 0.00 | 38.28 1.51 0.00 | 44.06 1.57 0.00 | 46.64 1.40 0.00 | 42.95 1.25 0.00 | 39.50 1.11 0.00 | 39.35 1.40 0.00 | 37.57 1.27 0.00 | 37.48 2.02 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| FAR ROCKAWAY___4 23548 | 44.98 2.72 -6.96 | 41.84 2.57 -6.76 | 39.93 2.47 -5.34 | 40.95 2.47 -5.59 | 43.32 2.51 -7.79 | 47.05 2.74 -8.66 | 56.37 3.72 -7.84 | 60.35 4.29 -4.93 | 53.60 3.64 -8.09 | 51.15 3.21 -10.20 | 47.43 2.99 -8.84 | 45.62 2.96 -8.65 | 44.53 2.89 -8.04 | 42.68 2.84 -7.17 | 43.72 2.87 -7.43 | 44.82 2.94 -7.33 | 53.41 2.98 -13.66 | 67.47 3.91 -21.07 | 66.58 4.16 -17.18 | 60.21 3.84 -14.67 | 51.94 3.42 -10.14 | 50.54 2.96 -9.63 | 44.79 3.05 -5.44 | 41.56 2.84 -3.26 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 37.21 1.91 0.00 | 34.30 1.79 0.00 | 33.79 1.67 0.00 | 34.54 1.64 0.00 | 34.78 1.75 0.00 | 37.57 1.92 0.00 | 47.81 3.00 0.00 | 54.65 3.53 0.00 | 45.09 3.22 0.00 | 40.25 2.49 -0.02 | 40.44 2.35 -2.49 | 40.58 2.35 -4.22 | 40.61 2.28 -4.73 | 39.84 2.25 -4.92 | 40.59 2.31 -4.87 | 40.13 2.35 -3.22 | 42.90 2.57 -3.56 | 50.54 3.40 -4.65 | 50.50 3.57 -1.68 | 49.06 3.25 -4.11 | 42.81 2.96 -1.47 | 41.72 2.54 -1.23 | 39.63 2.36 -0.97 | 37.66 2.20 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 37.21 1.91 0.00 | 34.30 1.79 0.00 | 33.79 1.67 0.00 | 34.54 1.64 0.00 | 34.78 1.75 0.00 | 37.57 1.92 0.00 | 47.81 3.00 0.00 | 54.65 3.53 0.00 | 45.05 3.18 0.00 | 40.25 2.49 -0.02 | 40.41 2.31 -2.49 | 40.54 2.31 -4.22 | 40.61 2.28 -4.73 | 39.84 2.25 -4.92 | 40.59 2.31 -4.87 | 40.09 2.32 -3.22 | 42.87 2.54 -3.56 | 50.50 3.36 -4.65 | 50.50 3.57 -1.68 | 49.06 3.25 -4.11 | 42.81 2.96 -1.47 | 41.72 2.54 -1.23 | 39.63 2.36 -0.97 | 37.66 2.20 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.75 1.72 0.00 | 37.54 1.89 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.01 3.14 0.00 | 40.21 2.45 -0.02 | 40.37 2.28 -2.49 | 40.51 2.28 -4.22 | 40.58 2.25 -4.73 | 39.81 2.22 -4.92 | 40.55 2.27 -4.87 | 40.06 2.28 -3.22 | 42.83 2.50 -3.56 | 50.45 3.31 -4.65 | 50.45 3.53 -1.68 | 49.02 3.21 -4.11 | 42.73 2.88 -1.47 | 41.65 2.47 -1.23 | 39.56 2.29 -0.97 | 37.63 2.16 0.00 |
| FARRAGUT___LBMP 323566 | 37.14 1.84 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.72 2.91 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.18 2.42 -0.02 | 40.33 2.24 -2.49 | 40.47 2.24 -4.22 | 40.54 2.22 -4.73 | 39.78 2.19 -4.92 | 40.52 2.24 -4.87 | 40.06 2.28 -3.22 | 42.79 2.46 -3.56 | 50.41 3.27 -4.65 | 50.41 3.48 -1.68 | 48.98 3.17 -4.11 | 42.73 2.88 -1.47 | 41.65 2.47 -1.23 | 39.56 2.29 -0.97 | 37.59 2.13 0.00 |
| FENNER___WINDPWR 24204 | 35.86 0.56 0.00 | 33.06 0.55 0.00 | 32.67 0.55 0.00 | 33.45 0.56 0.00 | 33.65 0.63 0.00 | 36.50 0.85 0.00 | 46.15 1.34 -0.01 | 52.77 1.64 -0.01 | 42.96 1.09 -0.01 | 38.54 0.79 0.00 | 36.17 0.57 0.00 | 34.45 0.44 0.00 | 34.04 0.44 0.00 | 33.03 0.36 0.00 | 33.81 0.40 0.00 | 35.04 0.48 0.00 | 37.45 0.70 0.02 | 43.60 1.10 -0.01 | 46.47 1.22 -0.01 | 42.83 1.13 -0.01 | 39.43 1.04 -0.01 | 38.58 0.76 0.12 | 36.82 0.55 0.02 | 36.03 0.57 0.00 |
| FIBERTEK___ENERGY 23856 | 34.45 -0.85 0.00 | 31.76 -0.75 0.00 | 31.41 -0.71 0.00 | 32.17 -0.72 0.00 | 32.27 -0.76 0.00 | 35.00 -0.64 0.00 | 44.28 -0.54 -0.01 | 50.37 -0.77 -0.01 | 41.17 -0.71 -0.01 | 36.91 -0.83 0.00 | 34.72 -0.89 0.00 | 33.13 -0.88 0.00 | 32.73 -0.87 0.00 | 31.76 -0.91 0.00 | 32.47 -0.94 0.00 | 33.65 -0.90 0.00 | 35.90 -0.85 0.02 | 41.78 -0.72 -0.01 | 44.48 -0.77 -0.01 | 41.09 -0.63 -0.01 | 37.82 -0.58 -0.01 | 36.99 -0.83 0.12 | 35.33 -0.94 0.02 | 34.58 -0.89 0.00 |
| FITZPATRICK___ 23598 | 33.64 -1.66 0.00 | 30.98 -1.53 0.00 | 30.61 -1.51 0.00 | 31.35 -1.55 0.00 | 31.48 -1.55 0.00 | 34.08 -1.57 0.00 | 42.93 -1.88 0.00 | 49.03 -2.10 0.00 | 39.98 -1.88 0.00 | 35.97 -1.77 0.00 | 33.86 -1.74 0.00 | 32.34 -1.67 0.00 | 31.95 -1.65 0.00 | 31.04 -1.63 0.00 | 31.78 -1.64 0.00 | 32.86 -1.69 0.00 | 35.04 -1.73 0.01 | 40.66 -1.83 0.00 | 43.30 -1.94 0.00 | 39.95 -1.75 0.00 | 36.77 -1.61 0.00 | 36.17 -1.75 0.04 | 34.55 -1.74 0.01 | 33.73 -1.74 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 45.30 3.04 -6.96 | 42.10 2.83 -6.76 | 40.15 2.70 -5.34 | 41.18 2.70 -5.59 | 43.62 2.81 -7.79 | 47.41 3.10 -8.66 | 57.35 4.70 -7.84 | 61.42 5.37 -4.93 | 54.53 4.56 -8.10 | 51.56 3.62 -10.20 | 47.86 3.42 -8.84 | 45.99 3.33 -8.65 | 44.90 3.26 -8.04 | 43.04 3.20 -7.17 | 44.12 3.27 -7.43 | 45.28 3.39 -7.33 | 54.18 3.75 -13.66 | 68.36 4.80 -21.07 | 67.48 5.11 -17.12 | 61.08 4.71 -14.67 | 52.75 4.22 -10.14 | 51.30 3.72 -9.63 | 45.19 3.45 -5.45 | 41.95 3.23 -3.26 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 37.24 1.94 0.00 | 34.33 1.82 0.00 | 33.82 1.70 0.00 | 34.60 1.71 0.00 | 34.78 1.75 0.00 | 37.54 1.89 0.00 | 47.85 3.05 0.00 | 54.55 3.43 0.00 | 44.76 2.89 0.00 | 39.82 2.08 0.00 | 37.46 1.85 0.00 | 35.85 1.84 0.00 | 35.35 1.75 0.00 | 34.44 1.76 0.00 | 35.25 1.84 0.00 | 36.39 1.83 0.00 | 38.86 2.10 0.00 | 45.46 2.97 0.00 | 48.41 3.17 0.00 | 44.54 2.84 0.00 | 40.96 2.57 0.00 | 40.08 2.13 0.00 | 38.26 1.96 0.00 | 37.31 1.84 0.00 |
| FORT ORANGE___ 23900 | 36.08 0.78 0.00 | 33.26 0.75 0.00 | 32.86 0.74 0.00 | 33.62 0.72 0.00 | 33.75 0.73 0.00 | 36.54 0.89 0.00 | 45.93 1.12 0.00 | 52.55 1.43 0.00 | 42.70 0.84 0.00 | 38.16 0.42 0.00 | 35.93 0.32 0.00 | 34.42 0.41 0.00 | 33.97 0.37 0.00 | 33.13 0.46 0.00 | 33.88 0.47 0.00 | 35.00 0.45 0.00 | 37.28 0.51 0.00 | 43.34 0.85 0.00 | 46.23 0.99 0.00 | 42.53 0.83 0.00 | 39.23 0.84 0.00 | 38.56 0.61 0.00 | 36.77 0.47 0.00 | 35.89 0.43 0.00 |
| FORT_DRUM_COGEN 23780 | 35.41 0.11 0.00 | 32.54 0.03 0.00 | 32.15 0.03 0.00 | 32.99 0.10 0.00 | 33.23 0.20 0.00 | 36.00 0.36 0.00 | 45.66 0.85 0.00 | 52.05 0.92 0.00 | 42.29 0.42 0.00 | 37.90 0.15 0.00 | 35.36 -0.25 0.00 | 33.57 -0.44 0.00 | 33.06 -0.54 0.00 | 32.15 -0.52 0.00 | 32.91 -0.50 0.00 | 34.24 -0.31 0.00 | 36.92 0.15 0.00 | 43.25 0.76 0.00 | 46.14 0.90 0.00 | 42.49 0.79 0.00 | 39.04 0.65 0.00 | 38.33 0.38 0.00 | 36.44 0.15 0.00 | 35.61 0.14 0.00 |
| FOX_HILLS___ESR 323835 | 37.39 2.08 -0.01 | 34.43 1.92 0.00 | 33.89 1.77 0.00 | 34.64 1.74 0.00 | 34.91 1.88 0.00 | 37.57 1.92 0.00 | 45.04 2.73 2.50 | 47.45 3.32 7.00 | 43.43 3.10 1.53 | 40.14 2.38 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.13 2.32 -3.26 | 42.98 2.61 -3.60 | 51.30 3.53 -5.29 | 85.64 3.85 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 41.81 2.62 -1.24 | 44.32 2.50 -5.52 | 37.88 2.41 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 44.98 2.72 -6.96 | 41.87 2.60 -6.76 | 39.99 2.54 -5.34 | 41.05 2.57 -5.59 | 43.36 2.54 -7.79 | 47.12 2.82 -8.66 | 56.59 3.94 -7.84 | 61.17 5.11 -4.93 | 53.77 3.81 -8.09 | 50.85 2.91 -10.20 | 47.43 2.99 -8.84 | 45.62 2.96 -8.65 | 44.53 2.89 -8.04 | 42.65 2.81 -7.17 | 43.72 2.87 -7.43 | 44.79 2.90 -7.33 | 53.41 2.98 -13.66 | 67.47 3.91 -21.07 | 66.63 4.21 -17.18 | 60.21 3.83 -14.67 | 51.94 3.41 -10.14 | 50.58 3.00 -9.63 | 44.79 3.05 -5.44 | 41.56 2.84 -3.26 |
| FPL_FAR_ROCK_GT2 23815 | 44.98 2.72 -6.96 | 41.87 2.60 -6.76 | 39.99 2.54 -5.34 | 41.05 2.57 -5.59 | 43.36 2.54 -7.79 | 47.12 2.82 -8.66 | 56.59 3.94 -7.84 | 61.17 5.11 -4.93 | 53.77 3.81 -8.09 | 50.85 2.91 -10.20 | 47.43 2.99 -8.84 | 45.62 2.96 -8.65 | 44.53 2.89 -8.04 | 42.65 2.81 -7.17 | 43.72 2.87 -7.43 | 44.79 2.90 -7.33 | 53.41 2.98 -13.66 | 67.47 3.91 -21.07 | 66.63 4.21 -17.18 | 60.21 3.83 -14.67 | 51.94 3.41 -10.14 | 50.58 3.00 -9.63 | 44.79 3.05 -5.44 | 41.56 2.84 -3.26 |

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| FRANKLIN_FALL_HYD 24054 | 36.75 1.45 0.00 | 33.52 1.01 0.00 | 33.24 1.12 0.00 | 34.18 1.28 0.00 | 34.38 1.35 0.00 | 37.00 1.35 0.00 | 45.97 1.16 0.00 | 52.61 1.48 0.00 | 43.04 1.17 0.00 | 39.33 1.59 0.00 | 36.99 1.39 0.00 | 34.96 0.95 0.00 | 34.68 1.08 0.00 | 33.78 1.11 0.00 | 34.52 1.10 0.00 | 35.70 1.14 0.00 | 38.17 1.40 0.00 | 43.93 1.44 0.00 | 46.55 1.31 0.00 | 42.87 1.17 0.00 | 39.42 1.04 0.00 | 39.35 1.40 0.00 | 37.49 1.20 0.00 | 37.13 1.67 0.00 |
| FREEPORT_EQUS_GT1 23764 | 44.84 2.58 -6.96 | 41.74 2.47 -6.76 | 39.83 2.38 -5.34 | 40.89 2.40 -5.59 | 43.19 2.38 -7.79 | 46.94 2.64 -8.66 | 56.72 4.08 -7.84 | 61.32 5.27 -4.93 | 53.89 3.93 -8.09 | 50.96 3.02 -10.20 | 47.25 2.81 -8.84 | 45.42 2.75 -8.65 | 44.37 2.72 -8.04 | 42.52 2.68 -7.17 | 43.59 2.74 -7.43 | 44.65 2.77 -7.33 | 53.52 3.09 -13.66 | 67.30 3.74 -21.07 | 66.39 3.98 -17.16 | 60.00 3.63 -14.67 | 51.94 3.41 -10.14 | 50.73 3.15 -9.63 | 44.57 2.83 -5.44 | 41.38 2.66 -3.26 |
| FREEPORT___CT2 23818 | 44.84 2.58 -6.96 | 41.74 2.47 -6.76 | 39.83 2.38 -5.34 | 40.89 2.40 -5.59 | 43.19 2.38 -7.79 | 46.94 2.64 -8.66 | 56.72 4.08 -7.84 | 61.32 5.27 -4.93 | 53.89 3.93 -8.09 | 50.96 3.02 -10.20 | 47.25 2.81 -8.84 | 45.42 2.75 -8.65 | 44.37 2.72 -8.04 | 42.52 2.68 -7.17 | 43.59 2.74 -7.43 | 44.65 2.77 -7.33 | 53.52 3.09 -13.66 | 67.30 3.74 -21.07 | 66.39 3.98 -17.16 | 60.00 3.63 -14.67 | 51.94 3.41 -10.14 | 50.73 3.15 -9.63 | 44.57 2.83 -5.44 | 41.38 2.66 -3.26 |
| FRESHKLS_33_KV_LOAD 356253 | 37.39 2.08 -0.01 | 34.43 1.92 0.00 | 33.89 1.77 0.00 | 34.64 1.74 0.00 | 34.91 1.88 0.00 | 37.54 1.89 0.00 | 43.12 2.60 4.28 | 42.34 3.22 12.01 | 42.21 2.97 2.63 | 40.02 2.26 -0.02 | 40.24 2.14 -2.49 | 40.38 2.14 -4.23 | 40.49 2.12 -4.78 | 39.76 2.12 -4.97 | 40.51 2.17 -4.92 | 40.02 2.21 -3.26 | 42.90 2.54 -3.60 | 51.18 3.40 -5.29 | 85.55 3.75 -36.56 | 53.80 3.42 -8.68 | 42.90 3.03 -1.49 | 41.70 2.50 -1.24 | 44.29 2.47 -5.52 | 37.84 2.38 0.00 |
| FULTON COGEN____ 23766 | 33.92 -1.38 0.00 | 31.27 -1.24 0.00 | 30.93 -1.19 0.00 | 31.68 -1.22 0.00 | 31.74 -1.29 0.00 | 34.43 -1.21 0.00 | 43.55 -1.25 0.00 | 49.55 -1.58 0.00 | 41.03 -0.84 0.00 | 36.73 -1.02 0.00 | 34.54 -1.07 0.00 | 32.92 -1.09 0.00 | 32.53 -1.08 0.00 | 31.56 -1.11 0.00 | 32.30 -1.10 0.01 | 33.48 -1.07 0.01 | 35.42 -1.36 -0.01 | 41.13 -1.36 0.00 | 43.84 -1.40 0.00 | 40.45 -1.25 0.00 | 37.24 -1.15 0.00 | 36.63 -1.37 -0.04 | 34.85 -1.45 -0.01 | 34.05 -1.42 0.00 |
| FULTON___LFGE 323630 | 39.25 3.95 0.00 | 36.21 3.70 0.00 | 35.78 3.66 0.00 | 36.71 3.81 0.00 | 36.99 3.96 0.00 | 40.39 4.74 0.00 | 51.52 6.72 0.00 | 59.00 7.87 0.00 | 47.44 5.57 0.00 | 41.78 4.04 0.00 | 38.99 3.38 0.00 | 36.94 2.93 0.00 | 36.45 2.85 0.00 | 35.64 2.97 0.00 | 36.65 3.24 0.00 | 38.12 3.56 0.00 | 40.96 4.19 0.00 | 47.93 5.44 0.00 | 51.53 6.29 0.00 | 47.41 5.71 0.00 | 43.76 5.37 0.00 | 42.73 4.78 0.00 | 40.61 4.32 0.00 | 39.47 4.01 0.00 |
| G.F.CEMENT___DRP 24184 | 36.43 1.13 0.00 | 33.55 1.04 0.00 | 33.12 1.00 0.00 | 33.91 1.02 0.00 | 34.12 1.09 0.00 | 36.86 1.21 0.00 | 47.05 2.24 0.00 | 53.73 2.61 0.00 | 43.84 1.97 0.00 | 39.03 1.28 0.00 | 36.60 1.00 0.00 | 35.00 0.99 0.00 | 34.47 0.87 0.00 | 33.42 0.75 0.00 | 34.28 0.87 0.00 | 35.49 0.93 0.00 | 37.95 1.18 0.00 | 44.19 1.70 0.00 | 47.32 2.08 0.00 | 43.58 1.88 0.00 | 40.15 1.77 0.00 | 39.32 1.37 0.00 | 37.46 1.16 0.00 | 36.49 1.03 0.00 |
| GARDENVILLE___LBMP 24039 | 32.55 -2.75 0.00 | 30.23 -2.28 0.00 | 30.10 -2.02 0.00 | 30.89 -2.01 0.00 | 30.55 -2.48 0.00 | 33.69 -1.96 0.00 | 41.93 -2.87 0.01 | 46.00 -5.11 0.01 | 38.30 -3.56 0.01 | 34.46 -3.28 0.00 | 32.58 -3.03 0.00 | 31.05 -2.96 0.00 | 30.78 -2.82 0.00 | 29.76 -2.91 0.00 | 30.40 -3.01 0.01 | 31.58 -2.97 0.01 | 32.63 -4.08 0.05 | 38.27 -4.21 0.01 | 40.71 -4.52 0.01 | 37.40 -4.30 0.01 | 34.73 -3.65 0.01 | 33.18 -4.44 0.33 | 32.36 -3.88 0.05 | 32.45 -3.01 0.00 |
| GARDNVLA_35_KV_LD 355827 | 32.72 -2.58 0.00 | 30.40 -2.11 0.00 | 30.26 -1.86 0.00 | 31.05 -1.84 0.00 | 30.68 -2.34 0.00 | 33.86 -1.78 0.00 | 42.15 -2.64 0.01 | 46.16 -4.96 0.01 | 38.51 -3.35 0.01 | 34.61 -3.13 0.00 | 32.72 -2.88 0.00 | 31.22 -2.79 0.00 | 30.95 -2.65 0.00 | 29.93 -2.74 0.00 | 30.57 -2.84 0.01 | 31.71 -2.83 0.01 | 32.74 -3.97 0.05 | 38.44 -4.04 0.01 | 40.89 -4.34 0.01 | 37.52 -4.17 0.01 | 34.88 -3.49 0.01 | 33.26 -4.36 0.33 | 32.47 -3.77 0.05 | 32.59 -2.87 0.00 |
| GELCKHM___115KV_LOAD 80723 | 34.14 -1.16 0.00 | 31.50 -1.01 0.00 | 31.12 -1.00 0.00 | 31.91 -0.99 0.00 | 31.97 -1.06 0.00 | 34.68 -0.96 0.00 | 43.83 -0.99 -0.01 | 49.85 -1.28 -0.01 | 40.79 -1.09 -0.01 | 36.57 -1.17 0.00 | 34.43 -1.17 0.00 | 32.85 -1.16 0.00 | 32.46 -1.14 0.00 | 31.50 -1.18 0.00 | 32.24 -1.17 0.00 | 33.38 -1.17 0.00 | 35.56 -1.18 0.03 | 41.39 -1.10 -0.01 | 44.07 -1.18 -0.01 | 40.66 -1.04 -0.01 | 37.47 -0.92 -0.01 | 36.58 -1.18 0.20 | 35.03 -1.23 0.03 | 34.26 -1.21 0.00 |
| GENERAL___MILLS 23808 | 32.69 -2.61 0.00 | 30.33 -2.18 0.00 | 30.19 -1.93 0.00 | 30.99 -1.91 0.00 | 30.65 -2.38 0.00 | 33.79 -1.85 0.00 | 42.11 -2.69 0.01 | 46.05 -5.06 0.01 | 38.42 -3.43 0.01 | 34.57 -3.17 0.00 | 32.69 -2.92 0.00 | 31.15 -2.86 0.00 | 30.91 -2.69 0.00 | 29.89 -2.78 0.00 | 30.50 -2.91 0.01 | 31.68 -2.87 0.01 | 32.67 -4.04 0.05 | 38.36 -4.12 0.01 | 40.80 -4.43 0.01 | 37.48 -4.21 0.01 | 34.84 -3.53 0.01 | 33.18 -4.44 0.33 | 32.39 -3.85 0.05 | 32.56 -2.91 0.00 |
| GE_PLASTICS___DRP 24183 | 36.04 0.74 0.00 | 33.22 0.72 0.00 | 32.80 0.67 0.00 | 33.55 0.66 0.00 | 33.72 0.69 0.00 | 36.39 0.75 0.00 | 46.02 1.21 0.00 | 52.45 1.33 0.00 | 42.96 1.09 0.00 | 38.42 0.68 0.00 | 36.18 0.57 0.00 | 34.69 0.68 0.00 | 34.24 0.64 0.00 | 33.33 0.65 0.00 | 34.11 0.70 0.00 | 35.25 0.69 0.00 | 37.50 0.74 0.00 | 43.55 1.06 0.00 | 46.46 1.22 0.00 | 42.79 1.08 0.00 | 39.38 1.00 0.00 | 38.71 0.76 0.00 | 36.99 0.69 0.00 | 36.14 0.67 0.00 |
| GILBOA___1 23756 | 36.15 0.85 0.00 | 33.35 0.84 0.00 | 32.92 0.80 0.00 | 33.72 0.82 0.00 | 33.82 0.79 0.00 | 36.57 0.93 0.00 | 46.33 1.52 0.00 | 53.12 1.99 0.00 | 43.29 1.42 0.00 | 38.72 0.98 0.00 | 36.46 0.85 0.00 | 34.89 0.88 0.00 | 34.44 0.84 0.00 | 33.52 0.85 0.00 | 34.28 0.87 0.00 | 35.42 0.86 0.00 | 37.72 0.95 0.01 | 43.76 1.27 0.00 | 46.60 1.36 0.00 | 42.95 1.25 0.00 | 39.57 1.19 0.00 | 38.90 0.99 0.03 | 37.16 0.87 0.01 | 36.31 0.85 0.00 |
| GILBOA___2 23757 | 36.15 0.85 0.00 | 33.35 0.84 0.00 | 32.92 0.80 0.00 | 33.72 0.82 0.00 | 33.82 0.79 0.00 | 36.57 0.93 0.00 | 46.33 1.52 0.00 | 53.12 1.99 0.00 | 43.29 1.42 0.00 | 38.72 0.98 0.00 | 36.46 0.85 0.00 | 34.89 0.88 0.00 | 34.44 0.84 0.00 | 33.52 0.85 0.00 | 34.28 0.87 0.00 | 35.42 0.86 0.00 | 37.72 0.95 0.01 | 43.76 1.27 0.00 | 46.60 1.36 0.00 | 42.95 1.25 0.00 | 39.57 1.19 0.00 | 38.90 0.99 0.03 | 37.16 0.87 0.01 | 36.31 0.85 0.00 |
| GILBOA___3 23758 | 36.15 0.85 0.00 | 33.35 0.84 0.00 | 32.92 0.80 0.00 | 33.72 0.82 0.00 | 33.82 0.79 0.00 | 36.57 0.93 0.00 | 46.33 1.52 0.00 | 53.12 1.99 0.00 | 43.29 1.42 0.00 | 38.72 0.98 0.00 | 36.46 0.85 0.00 | 34.89 0.88 0.00 | 34.44 0.84 0.00 | 33.52 0.85 0.00 | 34.28 0.87 0.00 | 35.42 0.86 0.00 | 37.72 0.95 0.01 | 43.76 1.27 0.00 | 46.60 1.36 0.00 | 42.95 1.25 0.00 | 39.57 1.19 0.00 | 38.90 0.99 0.03 | 37.16 0.87 0.01 | 36.31 0.85 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| GILBOA___4 23759 | 36.15 0.85 0.00 | 33.35 0.84 0.00 | 32.92 0.80 0.00 | 33.72 0.82 0.00 | 33.82 0.79 0.00 | 36.57 0.93 0.00 | 46.33 1.52 0.00 | 53.12 1.99 0.00 | 43.29 1.42 0.00 | 38.72 0.98 0.00 | 36.46 0.85 0.00 | 34.89 0.88 0.00 | 34.44 0.84 0.00 | 33.52 0.85 0.00 | 34.28 0.87 0.00 | 35.42 0.86 0.00 | 37.72 0.95 0.01 | 43.76 1.27 0.00 | 46.60 1.36 0.00 | 42.95 1.25 0.00 | 39.57 1.19 0.00 | 38.90 0.99 0.03 | 37.16 0.87 0.01 | 36.31 0.85 0.00 |
| GILBOA____ 23599 | 36.15 0.85 0.00 | 33.32 0.81 0.00 | 32.89 0.77 0.00 | 33.68 0.79 0.00 | 33.82 0.79 0.00 | 36.54 0.89 0.00 | 46.28 1.48 0.00 | 52.76 1.64 0.00 | 43.25 1.38 0.00 | 38.69 0.94 0.00 | 36.46 0.85 0.00 | 34.89 0.88 0.00 | 34.44 0.84 0.00 | 33.52 0.85 0.00 | 34.28 0.87 0.00 | 35.42 0.86 0.00 | 37.72 0.96 0.01 | 43.76 1.27 0.00 | 46.60 1.36 0.00 | 42.95 1.25 0.00 | 39.57 1.19 0.00 | 38.90 0.99 0.03 | 37.16 0.87 0.01 | 36.32 0.85 0.00 |
| GINNA____ 23603 | 31.98 -3.32 0.00 | 29.39 -3.12 0.00 | 29.01 -3.12 0.00 | 29.74 -3.16 0.00 | 29.79 -3.24 0.00 | 32.47 -3.17 0.00 | 40.75 -4.03 0.02 | 46.60 -4.50 0.03 | 37.90 -3.94 0.03 | 34.08 -3.66 0.00 | 31.97 -3.63 0.00 | 30.51 -3.50 0.00 | 30.14 -3.46 0.00 | 29.18 -3.50 0.00 | 29.90 -3.51 0.01 | 30.95 -3.59 0.01 | 33.07 -3.64 0.06 | 38.55 -3.91 0.03 | 41.09 -4.12 0.03 | 38.00 -3.67 0.03 | 34.94 -3.42 0.03 | 33.96 -3.64 0.35 | 32.61 -3.63 0.06 | 31.78 -3.69 0.00 |
| GLEN PARK____ 23778 | 35.51 0.21 0.00 | 32.64 0.13 0.00 | 32.22 0.10 0.00 | 33.09 0.20 0.00 | 33.36 0.33 0.00 | 36.08 0.43 0.00 | 45.75 0.94 0.00 | 52.30 1.18 0.00 | 42.37 0.50 0.00 | 37.97 0.23 0.00 | 35.39 -0.21 0.00 | 33.67 -0.34 0.00 | 33.13 -0.47 0.00 | 32.21 -0.46 0.00 | 32.98 -0.44 0.00 | 34.32 -0.24 0.00 | 37.10 0.33 0.00 | 43.51 1.02 0.00 | 46.41 1.17 0.00 | 42.78 1.08 0.00 | 39.30 0.92 0.00 | 38.52 0.57 0.00 | 36.58 0.29 0.00 | 35.75 0.28 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 37.31 2.01 0.00 | 34.39 1.89 0.00 | 33.89 1.77 0.00 | 34.60 1.71 0.00 | 34.88 1.85 0.00 | 37.64 2.00 0.00 | 47.94 3.14 0.00 | 54.86 3.73 0.00 | 45.26 3.39 0.00 | 40.40 2.64 -0.02 | 40.61 2.49 -2.51 | 40.76 2.48 -4.26 | 40.80 2.42 -4.78 | 40.06 2.42 -4.97 | 40.81 2.47 -4.92 | 40.30 2.49 -3.26 | 43.12 2.76 -3.60 | 50.81 3.61 -4.71 | 50.97 3.94 -1.79 | 49.45 3.59 -4.16 | 43.09 3.22 -1.49 | 41.93 2.73 -1.24 | 39.86 2.58 -0.98 | 37.88 2.41 0.00 |
| GLENWOOD_IC_1_G5 23712 | 44.77 2.51 -6.96 | 41.61 2.34 -6.76 | 39.67 2.22 -5.34 | 40.72 2.24 -5.59 | 43.09 2.28 -7.79 | 46.80 2.50 -8.66 | 56.10 3.45 -7.84 | 60.04 3.99 -4.93 | 53.39 3.43 -8.09 | 50.62 2.68 -10.20 | 46.93 2.49 -8.84 | 45.14 2.48 -8.65 | 44.20 2.55 -8.04 | 42.36 2.52 -7.17 | 43.42 2.57 -7.43 | 44.34 2.45 -7.33 | 53.15 2.72 -13.66 | 67.17 3.61 -21.07 | 66.26 3.85 -17.17 | 59.83 3.46 -14.67 | 51.67 3.15 -10.14 | 50.27 2.69 -9.63 | 44.24 2.50 -5.44 | 41.34 2.62 -3.26 |
| GLENWOOD_IC_2_G1 23688 | 44.66 2.40 -6.96 | 41.58 2.31 -6.76 | 39.67 2.21 -5.34 | 40.73 2.24 -5.59 | 43.03 2.21 -7.79 | 46.76 2.46 -8.66 | 56.45 3.81 -7.84 | 60.97 4.91 -4.93 | 53.64 3.69 -8.09 | 50.77 2.83 -10.20 | 47.04 2.60 -8.84 | 45.25 2.58 -8.65 | 44.20 2.55 -8.04 | 42.36 2.52 -7.17 | 43.42 2.57 -7.43 | 44.44 2.56 -7.33 | 53.26 2.83 -13.66 | 67.30 3.74 -21.07 | 66.35 3.93 -17.18 | 59.96 3.59 -14.67 | 51.78 3.26 -10.14 | 50.43 2.85 -9.63 | 44.35 2.61 -5.44 | 41.24 2.52 -3.26 |
| GLENWOOD_IC_3_G1 23689 | 44.66 2.40 -6.96 | 41.58 2.31 -6.76 | 39.67 2.21 -5.34 | 40.73 2.24 -5.59 | 43.03 2.21 -7.79 | 46.76 2.46 -8.66 | 56.45 3.81 -7.84 | 60.97 4.91 -4.93 | 53.64 3.69 -8.09 | 50.77 2.83 -10.20 | 47.04 2.60 -8.84 | 45.25 2.58 -8.65 | 44.20 2.55 -8.04 | 42.36 2.52 -7.17 | 43.42 2.57 -7.43 | 44.44 2.56 -7.33 | 53.26 2.83 -13.66 | 67.30 3.74 -21.07 | 66.35 3.93 -17.18 | 59.96 3.59 -14.67 | 51.78 3.26 -10.14 | 50.43 2.85 -9.63 | 44.35 2.61 -5.44 | 41.24 2.52 -3.26 |
| GLENWOOD___4 23550 | 44.77 2.51 -6.96 | 41.61 2.34 -6.76 | 39.67 2.22 -5.34 | 40.72 2.24 -5.59 | 43.09 2.28 -7.79 | 46.80 2.50 -8.66 | 56.23 3.58 -7.84 | 60.20 4.14 -4.93 | 53.48 3.52 -8.09 | 50.70 2.76 -10.20 | 47.04 2.60 -8.84 | 45.25 2.58 -8.65 | 44.27 2.62 -8.04 | 42.39 2.55 -7.17 | 43.45 2.61 -7.43 | 44.44 2.56 -7.33 | 53.26 2.83 -13.66 | 67.30 3.74 -21.07 | 66.35 3.94 -17.17 | 59.96 3.59 -14.67 | 51.75 3.22 -10.14 | 50.39 2.81 -9.63 | 44.32 2.58 -5.44 | 41.34 2.62 -3.26 |
| GLENWOOD___5 23614 | 44.77 2.51 -6.96 | 41.61 2.34 -6.76 | 39.67 2.22 -5.34 | 40.72 2.24 -5.59 | 43.09 2.28 -7.79 | 46.80 2.50 -8.66 | 56.23 3.58 -7.84 | 60.20 4.14 -4.93 | 53.48 3.52 -8.09 | 50.70 2.76 -10.20 | 47.04 2.60 -8.84 | 45.25 2.58 -8.65 | 44.27 2.62 -8.04 | 42.39 2.55 -7.17 | 43.45 2.61 -7.43 | 44.44 2.56 -7.33 | 53.26 2.83 -13.66 | 67.30 3.74 -21.07 | 66.35 3.94 -17.17 | 59.96 3.59 -14.67 | 51.75 3.22 -10.14 | 50.39 2.81 -9.63 | 44.32 2.58 -5.44 | 41.34 2.62 -3.26 |
| GLOBAL GREEN_PORT_GT1 23814 | 46.28 4.02 -6.96 | 43.10 3.83 -6.76 | 41.18 3.72 -5.34 | 42.24 3.75 -5.59 | 44.61 3.80 -7.79 | 48.58 4.28 -8.66 | 59.32 6.68 -7.84 | 64.19 8.13 -4.93 | 56.08 6.11 -8.10 | 52.70 4.76 -10.20 | 48.93 4.49 -8.84 | 47.02 4.35 -8.65 | 45.88 4.23 -8.04 | 43.93 4.08 -7.17 | 45.02 4.18 -7.43 | 46.17 4.28 -7.33 | 55.43 5.00 -13.66 | 70.10 6.54 -21.07 | 69.28 6.92 -17.12 | 62.66 6.30 -14.67 | 54.17 5.64 -10.14 | 52.59 5.01 -9.63 | 46.21 4.46 -5.45 | 42.97 4.25 -3.26 |
| GLOBE___DSASP 323697 | 31.21 -4.09 0.00 | 29.00 -3.51 0.00 | 28.91 -3.21 0.00 | 29.64 -3.26 0.00 | 29.26 -3.77 0.00 | 32.26 -3.39 0.00 | 40.05 -4.75 0.01 | 44.42 -6.70 0.01 | 36.62 -5.23 0.01 | 32.88 -4.87 0.00 | 31.08 -4.52 0.00 | 29.66 -4.35 0.00 | 29.43 -4.17 0.00 | 28.46 -4.21 0.00 | 29.09 -4.31 0.01 | 30.16 -4.39 0.01 | 31.49 -5.22 0.06 | 36.74 -5.74 0.01 | 39.12 -6.11 0.01 | 36.02 -5.67 0.01 | 33.34 -5.03 0.01 | 32.15 -5.46 0.34 | 31.34 -4.90 0.06 | 31.00 -4.47 0.00 |
| GOETHSLN___LBMP 323567 | 36.96 1.66 0.00 | 34.07 1.56 0.00 | 33.57 1.45 0.00 | 34.31 1.41 0.00 | 34.55 1.52 0.00 | 37.29 1.64 0.00 | 43.16 2.64 4.29 | 42.18 3.07 12.01 | 42.08 2.85 2.64 | 39.95 2.19 -0.02 | 40.16 2.07 -2.49 | 40.30 2.07 -4.22 | 40.34 2.02 -4.73 | 39.61 2.03 -4.92 | 40.35 2.07 -4.87 | 39.85 2.07 -3.22 | 41.51 2.24 -2.50 | 42.17 3.02 3.33 | 48.15 3.17 0.26 | 42.60 2.88 1.98 | 41.74 2.61 -0.75 | 41.46 2.28 -1.23 | 39.41 2.14 -0.97 | 37.45 1.99 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 33.22 -2.08 0.00 | 30.72 -1.79 0.00 | 30.51 -1.61 0.00 | 31.25 -1.64 0.00 | 31.01 -2.01 0.00 | 34.04 -1.60 0.00 | 42.60 -2.20 0.01 | 47.99 -3.12 0.02 | 39.30 -2.55 0.02 | 35.18 -2.57 0.00 | 33.08 -2.53 0.00 | 31.53 -2.48 0.00 | 31.15 -2.45 0.00 | 30.16 -2.52 0.00 | 30.83 -2.57 0.01 | 31.92 -2.63 0.01 | 33.92 -2.79 0.06 | 39.54 -2.93 0.02 | 42.24 -2.99 0.02 | 38.97 -2.71 0.02 | 35.87 -2.49 0.02 | 34.83 -2.77 0.35 | 33.63 -2.61 0.06 | 32.91 -2.55 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 37.03 1.73 0.00 | 34.13 1.63 0.00 | 33.69 1.57 0.00 | 34.51 1.61 0.00 | 34.75 1.72 0.00 | 37.64 2.00 0.00 | 47.86 3.05 0.00 | 54.40 3.27 -0.01 | 44.51 2.64 -0.01 | 39.74 2.00 0.00 | 37.24 1.64 0.00 | 35.51 1.50 0.00 | 35.01 1.41 0.00 | 34.04 1.37 0.00 | 34.85 1.44 0.00 | 36.11 1.55 0.00 | 38.60 1.84 0.01 | 45.09 2.59 -0.01 | 48.05 2.80 -0.01 | 44.25 2.54 -0.01 | 40.73 2.34 -0.01 | 39.86 1.97 0.06 | 38.03 1.74 0.01 | 37.17 1.70 0.00 |

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| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 35.23 -0.07 0.00 | 32.51 0.00 0.00 | 32.15 0.03 0.00 | 32.93 0.03 0.00 | 33.03 0.00 0.00 | 35.90 0.25 0.00 | 45.35 0.54 -0.01 | 51.19 0.05 -0.01 | 42.13 0.25 -0.01 | 37.71 -0.04 0.00 | 35.50 -0.11 0.00 | 33.87 -0.14 0.00 | 33.47 -0.13 0.00 | 32.48 -0.20 0.00 | 33.21 -0.20 0.00 | 34.45 -0.10 0.00 | 36.53 -0.22 0.02 | 42.67 0.17 -0.01 | 45.39 0.14 -0.01 | 41.84 0.13 -0.01 | 38.59 0.19 -0.01 | 37.56 -0.27 0.12 | 35.95 -0.33 0.02 | 35.39 -0.07 0.00 |
| GOUDEY___7 23579 | 35.27 -0.04 0.00 | 32.54 0.03 0.00 | 32.18 0.06 0.00 | 32.96 0.07 0.00 | 33.03 0.00 0.00 | 35.93 0.29 0.00 | 45.40 0.58 -0.01 | 51.24 0.10 -0.01 | 42.17 0.29 -0.01 | 37.74 0.00 0.00 | 35.53 -0.07 0.00 | 33.91 -0.10 0.00 | 33.50 -0.10 0.00 | 32.51 -0.16 0.00 | 33.24 -0.17 0.00 | 34.45 -0.10 0.00 | 36.57 -0.18 0.02 | 42.71 0.21 -0.01 | 45.43 0.18 -0.01 | 41.88 0.17 -0.01 | 38.63 0.23 -0.01 | 37.60 -0.23 0.12 | 35.98 -0.29 0.02 | 35.43 -0.04 0.00 |
| GOUDEY___8 23580 | 35.23 -0.07 0.00 | 32.51 0.00 0.00 | 32.15 0.03 0.00 | 32.93 0.03 0.00 | 33.03 0.00 0.00 | 35.90 0.25 0.00 | 45.35 0.54 -0.01 | 51.19 0.05 -0.01 | 42.13 0.25 -0.01 | 37.71 -0.04 0.00 | 35.50 -0.11 0.00 | 33.87 -0.14 0.00 | 33.47 -0.13 0.00 | 32.48 -0.20 0.00 | 33.21 -0.20 0.00 | 34.45 -0.10 0.00 | 36.53 -0.22 0.02 | 42.67 0.17 -0.01 | 45.39 0.14 -0.01 | 41.84 0.13 -0.01 | 38.59 0.19 -0.01 | 37.56 -0.27 0.12 | 35.95 -0.33 0.02 | 35.39 -0.07 0.00 |
| GOWANUS_GT1_1 24077 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT1_2 24078 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT1_3 24079 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT1_4 24080 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT1_5 24084 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT1_6 24111 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT1_7 24112 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT1_8 24113 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT2_1 24114 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT2_2 24115 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT2_3 24116 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT2_4 24117 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |

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|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT2_5 24118 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT2_6 24119 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT2_7 24120 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT2_8 24121 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT3_1 24122 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT3_2 24123 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT3_3 24124 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT3_4 24125 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT3_5 24126 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT3_6 24127 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT3_7 24128 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT3_8 24129 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| GOWANUS_GT4_1 24130 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT4_2 24131 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT4_3 24132 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_4 24133 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT4_5 24134 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT4_6 24135 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT4_7 24136 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GOWANUS_GT4_8 24137 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GREENBSH_115KV_TB3 55895 | 35.87 0.56 0.00 | 33.06 0.55 0.00 | 32.60 0.48 0.00 | 33.35 0.46 0.00 | 33.52 0.50 0.00 | 36.25 0.61 0.00 | 45.75 0.94 0.00 | 52.20 1.07 0.00 | 42.75 0.88 0.00 | 38.20 0.45 0.00 | 35.96 0.36 0.00 | 34.55 0.54 0.00 | 34.10 0.50 0.00 | 33.19 0.52 0.00 | 33.98 0.57 0.00 | 35.07 0.52 0.00 | 37.32 0.55 0.00 | 43.34 0.85 0.00 | 46.24 1.00 0.00 | 42.58 0.88 0.00 | 39.23 0.84 0.00 | 38.52 0.57 0.00 | 36.77 0.47 0.00 | 35.93 0.46 0.00 |
| GREENDGE_115KV_TB5 80291 | 35.05 -0.25 0.00 | 32.41 -0.10 0.00 | 32.09 -0.03 0.00 | 32.86 -0.03 0.00 | 32.90 -0.13 0.00 | 35.93 0.29 0.00 | 45.41 0.54 -0.06 | 51.20 0.00 -0.08 | 42.03 0.08 -0.08 | 37.52 -0.23 0.00 | 35.46 -0.14 0.00 | 33.77 -0.24 0.00 | 33.37 -0.24 0.00 | 32.31 -0.36 0.00 | 33.04 -0.37 0.01 | 34.31 -0.24 0.01 | 36.51 -0.22 0.03 | 42.57 0.00 -0.08 | 45.27 -0.05 -0.08 | 41.86 0.08 -0.08 | 38.58 0.12 -0.08 | 37.21 -0.53 0.21 | 35.79 -0.47 0.03 | 35.29 -0.18 0.00 |
| GREENIDGE___3 23582 | 35.05 -0.25 0.00 | 32.41 -0.10 0.00 | 32.09 -0.03 0.00 | 32.86 -0.03 0.00 | 32.90 -0.13 0.00 | 35.93 0.29 0.00 | 45.41 0.54 -0.06 | 51.20 0.00 -0.08 | 42.03 0.08 -0.08 | 37.52 -0.23 0.00 | 35.46 -0.14 0.00 | 33.77 -0.24 0.00 | 33.37 -0.24 0.00 | 32.31 -0.36 0.00 | 33.04 -0.37 0.01 | 34.31 -0.24 0.01 | 36.51 -0.22 0.03 | 42.57 0.00 -0.08 | 45.27 -0.05 -0.08 | 41.86 0.08 -0.08 | 38.58 0.12 -0.08 | 37.21 -0.53 0.21 | 35.79 -0.47 0.03 | 35.29 -0.18 0.00 |
| GREENIDGE___4 23583 | 35.06 -0.25 0.00 | 32.35 -0.16 0.00 | 31.96 -0.16 0.00 | 32.73 -0.16 0.00 | 32.90 -0.13 0.00 | 35.90 0.25 0.00 | 45.05 0.18 -0.06 | 51.41 0.21 -0.08 | 41.90 -0.04 -0.08 | 37.59 -0.15 0.00 | 35.46 -0.14 0.00 | 33.77 -0.24 0.00 | 33.37 -0.23 0.00 | 32.31 -0.36 0.00 | 33.07 -0.33 0.01 | 34.27 -0.28 0.01 | 36.52 -0.22 0.03 | 42.52 -0.04 -0.08 | 45.27 -0.05 -0.08 | 41.90 0.13 -0.08 | 38.58 0.12 -0.08 | 37.36 -0.38 0.21 | 35.79 -0.47 0.03 | 35.29 -0.18 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 44.59 2.33 -6.96 | 41.45 2.18 -6.76 | 39.51 2.06 -5.34 | 40.56 2.07 -5.59 | 42.96 2.15 -7.79 | 46.66 2.35 -8.66 | 55.92 3.27 -7.84 | 59.79 3.73 -4.93 | 53.35 3.39 -8.10 | 50.73 2.79 -10.20 | 47.08 2.63 -8.84 | 45.28 2.62 -8.65 | 44.20 2.55 -8.04 | 42.36 2.52 -7.17 | 43.42 2.57 -7.43 | 44.52 2.63 -7.33 | 53.00 2.57 -13.66 | 66.96 3.40 -21.07 | 65.99 3.62 -17.13 | 59.62 3.25 -14.67 | 51.44 2.92 -10.14 | 50.17 2.58 -9.63 | 44.39 2.65 -5.45 | 41.17 2.45 -3.26 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |
| GRISSOM___SOLAR 323813 | 39.25 3.95 0.00 | 36.21 3.70 0.00 | 35.78 3.66 0.00 | 36.71 3.81 0.00 | 36.99 3.96 0.00 | 40.39 4.74 0.00 | 51.52 6.72 0.00 | 59.00 7.87 0.00 | 47.44 5.57 0.00 | 41.78 4.04 0.00 | 38.99 3.38 0.00 | 36.94 2.93 0.00 | 36.45 2.85 0.00 | 35.64 2.97 0.00 | 36.65 3.24 0.00 | 38.12 3.56 0.00 | 40.96 4.19 0.00 | 47.93 5.44 0.00 | 51.53 6.29 0.00 | 47.41 5.71 0.00 | 43.76 5.37 0.00 | 42.73 4.78 0.00 | 40.61 4.32 0.00 | 39.47 4.01 0.00 |
| GROVEVILLE___HYD 323602 | 37.24 1.94 0.00 | 34.33 1.82 0.00 | 33.82 1.70 0.00 | 34.60 1.71 0.00 | 34.78 1.75 0.00 | 37.54 1.89 0.00 | 47.85 3.05 0.00 | 54.55 3.43 0.00 | 44.76 2.89 0.00 | 39.82 2.08 0.00 | 37.46 1.85 0.00 | 35.85 1.84 0.00 | 35.35 1.75 0.00 | 34.44 1.76 0.00 | 35.25 1.84 0.00 | 36.39 1.83 0.00 | 38.86 2.10 0.00 | 45.46 2.97 0.00 | 48.41 3.17 0.00 | 44.54 2.84 0.00 | 40.96 2.57 0.00 | 40.08 2.13 0.00 | 38.26 1.96 0.00 | 37.31 1.84 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 34.45 -0.85 0.00 | 31.76 -0.75 0.00 | 31.41 -0.71 0.00 | 32.17 -0.72 0.00 | 32.27 -0.76 0.00 | 35.00 -0.64 0.00 | 44.28 -0.54 -0.01 | 50.37 -0.77 -0.01 | 41.17 -0.71 -0.01 | 36.91 -0.83 0.00 | 34.72 -0.89 0.00 | 33.13 -0.88 0.00 | 32.73 -0.87 0.00 | 31.76 -0.91 0.00 | 32.47 -0.94 0.00 | 33.65 -0.90 0.00 | 35.90 -0.85 0.02 | 41.78 -0.72 -0.01 | 44.48 -0.77 -0.01 | 41.09 -0.63 -0.01 | 37.82 -0.58 -0.01 | 36.99 -0.83 0.12 | 35.33 -0.94 0.02 | 34.58 -0.89 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 34.45 -0.85 0.00 | 31.79 -0.72 0.00 | 31.45 -0.67 0.00 | 32.20 -0.69 0.00 | 32.27 -0.76 0.00 | 35.08 -0.57 0.00 | 44.37 -0.45 -0.01 | 50.48 -0.66 -0.01 | 41.30 -0.59 -0.02 | 36.99 -0.75 0.00 | 34.79 -0.82 0.00 | 33.16 -0.85 0.00 | 32.76 -0.84 0.00 | 31.79 -0.88 0.00 | 32.54 -0.87 0.00 | 33.69 -0.86 0.00 | 35.98 -0.77 0.02 | 41.87 -0.64 -0.01 | 44.62 -0.63 -0.01 | 41.17 -0.54 -0.01 | 37.94 -0.46 -0.01 | 37.07 -0.76 0.12 | 35.41 -0.87 0.02 | 34.61 -0.85 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 35.23 -0.07 0.00 | 32.32 -0.19 0.00 | 31.96 -0.16 0.00 | 32.80 -0.10 0.00 | 33.03 0.00 0.00 | 35.54 -0.11 0.00 | 44.54 -0.27 0.00 | 50.77 -0.36 0.00 | 41.58 -0.29 0.00 | 37.63 -0.11 0.00 | 35.28 -0.32 0.00 | 33.50 -0.51 0.00 | 33.03 -0.57 0.00 | 32.15 -0.52 0.00 | 32.88 -0.54 0.00 | 34.11 -0.45 0.00 | 36.55 -0.22 0.00 | 42.36 -0.13 0.00 | 45.10 -0.14 0.00 | 41.53 -0.17 0.00 | 38.19 -0.19 0.00 | 37.80 -0.15 0.00 | 36.15 -0.14 0.00 | 35.46 0.00 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 35.90 0.60 0.00 | 33.09 0.59 0.00 | 32.73 0.61 0.00 | 33.55 0.66 0.00 | 33.72 0.69 0.00 | 36.47 0.82 0.00 | 46.02 1.21 0.00 | 52.45 1.33 0.00 | 42.83 0.96 0.00 | 38.46 0.72 0.00 | 36.17 0.57 0.00 | 34.59 0.58 0.00 | 34.17 0.57 0.00 | 33.23 0.55 0.00 | 33.98 0.57 0.00 | 35.14 0.59 0.00 | 37.47 0.70 0.00 | 43.42 0.93 0.00 | 46.23 0.99 0.00 | 42.58 0.88 0.00 | 39.23 0.84 0.00 | 38.78 0.83 0.00 | 37.02 0.73 0.00 | 36.17 0.71 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 36.92 1.62 0.00 | 34.04 1.53 0.00 | 33.57 1.45 0.00 | 34.31 1.41 0.00 | 34.51 1.49 0.00 | 37.29 1.64 0.00 | 47.49 2.69 0.00 | 54.14 3.02 0.00 | 44.42 2.55 0.00 | 39.56 1.81 0.00 | 37.24 1.64 0.00 | 35.64 1.63 0.00 | 35.18 1.58 0.00 | 34.27 1.60 0.00 | 35.05 1.64 0.00 | 36.21 1.66 0.00 | 38.64 1.88 0.00 | 45.22 2.72 -0.02 | 48.21 2.85 -0.12 | 44.30 2.59 -0.01 | 40.69 2.30 0.00 | 39.85 1.90 0.00 | 38.04 1.74 0.00 | 37.06 1.60 0.00 |
| HARSNRAD_115KV_TB1 81005 | 31.91 -3.39 0.00 | 29.62 -2.89 0.00 | 29.52 -2.60 0.00 | 30.26 -2.63 0.00 | 29.89 -3.14 0.00 | 32.97 -2.67 0.00 | 40.94 -3.85 0.01 | 45.39 -5.73 0.01 | 37.46 -4.40 0.01 | 33.63 -4.11 0.00 | 31.76 -3.85 0.00 | 30.30 -3.71 0.00 | 30.04 -3.56 0.00 | 29.05 -3.63 0.00 | 29.70 -3.71 0.01 | 30.81 -3.73 0.01 | 32.15 -4.56 0.06 | 37.55 -4.93 0.01 | 39.98 -5.25 0.01 | 36.81 -4.88 0.01 | 34.07 -4.30 0.01 | 32.79 -4.82 0.34 | 31.92 -4.32 0.06 | 31.67 -3.79 0.00 |
| HARZA MOOSE___RIVER 24016 | 36.08 0.78 0.00 | 33.16 0.65 0.00 | 32.76 0.64 0.00 | 33.62 0.72 0.00 | 33.82 0.79 0.00 | 36.64 1.00 0.00 | 46.37 1.57 0.00 | 52.86 1.74 0.00 | 43.12 1.26 0.00 | 38.69 0.94 0.00 | 36.21 0.61 0.00 | 34.45 0.44 0.00 | 33.97 0.37 0.00 | 33.03 0.36 0.00 | 33.81 0.40 0.00 | 35.07 0.52 0.00 | 37.61 0.85 0.01 | 43.85 1.36 0.00 | 46.73 1.49 0.00 | 43.04 1.33 0.00 | 39.57 1.19 0.00 | 38.89 0.99 0.05 | 37.09 0.80 0.01 | 36.24 0.78 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 34.10 -1.20 0.00 | 31.44 -1.07 0.00 | 31.09 -1.03 0.00 | 31.84 -1.05 0.00 | 31.90 -1.12 0.00 | 34.65 -1.00 0.00 | 43.82 -0.99 0.00 | 49.80 -1.33 0.00 | 40.74 -1.13 0.00 | 36.54 -1.21 0.00 | 34.39 -1.21 0.00 | 32.82 -1.19 0.00 | 32.42 -1.18 0.00 | 31.46 -1.21 0.00 | 32.21 -1.20 0.01 | 33.34 -1.21 0.01 | 35.52 -1.21 0.03 | 41.34 -1.15 0.00 | 44.02 -1.22 0.00 | 40.62 -1.08 0.00 | 37.42 -0.96 0.00 | 36.53 -1.21 0.21 | 34.95 -1.31 0.03 | 34.22 -1.24 0.00 |
| HELLGATE_13_KV_LD 55870 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.75 1.72 0.00 | 37.46 1.82 0.00 | 47.72 2.91 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.09 2.28 -3.26 | 42.90 2.54 -3.60 | 50.58 3.36 -4.73 | 50.85 3.66 -1.94 | 49.21 3.34 -4.17 | 42.86 2.99 -1.49 | 41.74 2.54 -1.24 | 39.71 2.43 -0.98 | 37.73 2.27 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.75 1.72 0.00 | 37.46 1.82 0.00 | 47.72 2.91 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.09 2.28 -3.26 | 42.90 2.54 -3.60 | 50.58 3.36 -4.73 | 50.85 3.66 -1.94 | 49.21 3.34 -4.17 | 42.86 2.99 -1.49 | 41.74 2.54 -1.24 | 39.71 2.43 -0.98 | 37.73 2.27 0.00 |
| HEMPSTEAD____ 23647 | 44.66 2.40 -6.96 | 41.58 2.31 -6.76 | 39.67 2.21 -5.34 | 40.73 2.24 -5.59 | 43.03 2.21 -7.79 | 46.76 2.46 -8.66 | 56.45 3.81 -7.84 | 60.97 4.91 -4.93 | 53.64 3.69 -8.09 | 50.77 2.83 -10.20 | 47.04 2.60 -8.84 | 45.25 2.58 -8.65 | 44.20 2.55 -8.04 | 42.36 2.52 -7.17 | 43.42 2.57 -7.43 | 44.44 2.56 -7.33 | 53.26 2.83 -13.66 | 67.26 3.69 -21.07 | 66.34 3.93 -17.17 | 59.91 3.54 -14.67 | 51.75 3.22 -10.14 | 50.43 2.85 -9.63 | 44.35 2.61 -5.44 | 41.20 2.48 -3.26 |
| HEWLETT_69_KV_BK3 55828 | 44.84 2.58 -6.96 | 41.67 2.41 -6.76 | 39.77 2.31 -5.34 | 40.82 2.34 -5.59 | 43.19 2.38 -7.79 | 46.91 2.60 -8.66 | 56.32 3.67 -7.84 | 60.30 4.24 -4.93 | 53.56 3.60 -8.09 | 50.96 3.02 -10.20 | 47.25 2.81 -8.84 | 45.45 2.79 -8.65 | 44.37 2.72 -8.04 | 42.52 2.68 -7.17 | 43.59 2.74 -7.43 | 44.68 2.80 -7.33 | 53.33 2.90 -13.66 | 67.43 3.87 -21.07 | 66.54 4.12 -17.18 | 60.13 3.75 -14.67 | 51.90 3.38 -10.14 | 50.50 2.92 -9.63 | 44.60 2.87 -5.44 | 41.38 2.66 -3.26 |
| HICKLING___1 23621 | 35.16 -0.14 0.00 | 32.51 0.00 0.00 | 32.22 0.10 0.00 | 32.99 0.10 0.00 | 33.03 0.00 0.00 | 36.11 0.46 0.00 | 45.63 0.81 -0.02 | 50.90 -0.26 -0.03 | 42.14 0.25 -0.03 | 37.71 -0.04 0.00 | 35.50 -0.11 0.00 | 33.84 -0.17 0.00 | 33.43 -0.17 0.00 | 32.38 -0.29 0.00 | 33.11 -0.30 0.00 | 34.38 -0.17 0.00 | 36.26 -0.48 0.03 | 42.56 0.04 -0.03 | 45.17 -0.09 -0.03 | 41.73 0.00 -0.03 | 38.56 0.15 -0.03 | 37.13 -0.65 0.18 | 35.61 -0.65 0.03 | 35.39 -0.07 0.00 |
| HICKLING___2 23622 | 35.16 -0.14 0.00 | 32.51 0.00 0.00 | 32.22 0.10 0.00 | 32.99 0.10 0.00 | 33.03 0.00 0.00 | 36.11 0.46 0.00 | 45.63 0.81 -0.02 | 50.90 -0.26 -0.03 | 42.14 0.25 -0.03 | 37.71 -0.04 0.00 | 35.50 -0.11 0.00 | 33.84 -0.17 0.00 | 33.43 -0.17 0.00 | 32.38 -0.29 0.00 | 33.11 -0.30 0.00 | 34.38 -0.17 0.00 | 36.26 -0.48 0.03 | 42.56 0.04 -0.03 | 45.17 -0.09 -0.03 | 41.73 0.00 -0.03 | 38.56 0.15 -0.03 | 37.13 -0.65 0.18 | 35.61 -0.65 0.03 | 35.39 -0.07 0.00 |
| HIGH FALLS___HY 23754 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.79 1.67 0.00 | 34.57 1.68 0.00 | 34.75 1.72 0.00 | 37.50 1.85 0.00 | 47.94 3.14 0.00 | 54.65 3.53 0.00 | 44.76 2.89 0.00 | 39.78 2.04 0.00 | 37.42 1.82 0.00 | 35.74 1.73 0.00 | 35.01 1.41 0.00 | 34.11 1.44 0.00 | 34.92 1.50 0.00 | 36.08 1.52 0.00 | 38.61 1.84 0.00 | 45.29 2.80 0.00 | 48.14 2.90 0.00 | 44.29 2.59 0.00 | 40.99 2.61 0.00 | 40.08 2.13 0.00 | 38.26 1.96 0.00 | 37.27 1.81 0.00 |
| HILLBURN___GT 23639 | 36.93 1.62 0.00 | 34.07 1.56 0.00 | 33.63 1.51 0.00 | 34.38 1.48 0.00 | 34.52 1.49 0.00 | 37.29 1.64 0.00 | 47.63 2.82 0.00 | 54.86 3.73 0.00 | 44.55 2.68 0.00 | 39.63 1.89 0.00 | 37.31 1.71 0.00 | 35.74 1.73 0.00 | 35.28 1.68 0.00 | 34.34 1.67 0.00 | 35.12 1.70 0.00 | 36.25 1.69 0.00 | 38.68 1.91 0.00 | 45.19 2.68 -0.02 | 48.24 2.85 -0.14 | 44.30 2.59 -0.01 | 40.73 2.34 0.00 | 39.92 1.97 0.00 | 38.04 1.74 0.00 | 37.06 1.60 0.00 |
| HILLSIDE_115KV_TB1 80332 | 34.63 -0.67 0.00 | 32.02 -0.49 0.00 | 31.70 -0.42 0.00 | 32.47 -0.43 0.00 | 32.50 -0.53 0.00 | 35.50 -0.14 0.00 | 44.82 0.00 -0.02 | 49.92 -1.23 -0.02 | 41.39 -0.50 -0.02 | 37.06 -0.68 0.00 | 34.93 -0.68 0.00 | 33.30 -0.71 0.00 | 32.93 -0.67 0.00 | 31.92 -0.75 0.00 | 32.61 -0.80 0.00 | 33.86 -0.69 0.00 | 35.64 -1.10 0.03 | 41.79 -0.72 -0.02 | 44.36 -0.90 -0.02 | 40.93 -0.79 -0.02 | 37.83 -0.58 -0.02 | 36.49 -1.29 0.17 | 35.03 -1.23 0.03 | 34.83 -0.64 0.00 |

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| HISHELDN_WT_PWR 323625 | 32.37 -2.93 0.00 | 29.84 -2.67 0.00 | 29.49 -2.63 0.00 | 30.26 -2.63 0.00 | 30.35 -2.67 0.00 | 33.29 -2.35 0.00 | 40.72 -4.08 0.01 | 45.75 -5.37 0.01 | 37.63 -4.23 0.01 | 34.19 -3.55 0.00 | 32.37 -3.24 0.00 | 30.88 -3.13 0.00 | 30.61 -2.99 0.00 | 29.60 -3.07 0.00 | 30.26 -3.14 0.01 | 31.37 -3.18 0.01 | 32.56 -4.16 0.05 | 38.06 -4.42 0.01 | 40.48 -4.75 0.01 | 37.48 -4.21 0.01 | 34.61 -3.76 0.01 | 33.10 -4.52 0.33 | 32.29 -3.96 0.05 | 32.24 -3.23 0.00 |
| HOLTSVILLE_IC_1 23690 | 45.26 3.00 -6.96 | 42.13 2.86 -6.76 | 40.22 2.76 -5.34 | 41.25 2.76 -5.59 | 43.59 2.77 -7.79 | 47.37 3.07 -8.66 | 57.58 4.93 -7.84 | 62.24 6.18 -4.93 | 54.61 4.65 -8.10 | 51.49 3.55 -10.20 | 47.75 3.31 -8.84 | 45.93 3.27 -8.65 | 44.87 3.23 -8.04 | 42.98 3.14 -7.17 | 44.09 3.24 -7.43 | 45.17 3.28 -7.33 | 54.14 3.71 -13.66 | 68.40 4.84 -21.07 | 67.52 5.16 -17.12 | 61.04 4.67 -14.67 | 52.78 4.26 -10.14 | 51.34 3.76 -9.63 | 45.12 3.38 -5.45 | 41.91 3.19 -3.26 |
| HOLTSVILLE_IC_10 23699 | 45.44 3.18 -6.96 | 42.29 3.02 -6.76 | 40.38 2.92 -5.34 | 41.41 2.93 -5.59 | 43.75 2.94 -7.79 | 47.58 3.28 -8.66 | 57.89 5.24 -7.84 | 62.55 6.49 -4.93 | 54.90 4.94 -8.10 | 51.71 3.77 -10.20 | 48.00 3.56 -8.84 | 46.13 3.47 -8.65 | 45.07 3.43 -8.04 | 43.18 3.33 -7.17 | 44.26 3.41 -7.43 | 45.38 3.49 -7.33 | 54.40 3.97 -13.66 | 68.70 5.14 -21.07 | 67.83 5.47 -17.12 | 61.33 4.96 -14.67 | 53.05 4.53 -10.14 | 51.57 3.98 -9.63 | 45.30 3.56 -5.45 | 42.09 3.37 -3.26 |
| HOLTSVILLE_IC_2 23691 | 45.26 3.00 -6.96 | 42.13 2.86 -6.76 | 40.22 2.76 -5.34 | 41.25 2.76 -5.59 | 43.59 2.77 -7.79 | 47.37 3.07 -8.66 | 57.58 4.93 -7.84 | 62.24 6.18 -4.93 | 54.61 4.65 -8.10 | 51.49 3.55 -10.20 | 47.75 3.31 -8.84 | 45.93 3.27 -8.65 | 44.87 3.23 -8.04 | 42.98 3.14 -7.17 | 44.09 3.24 -7.43 | 45.17 3.28 -7.33 | 54.14 3.71 -13.66 | 68.40 4.84 -21.07 | 67.52 5.16 -17.12 | 61.04 4.67 -14.67 | 52.78 4.26 -10.14 | 51.34 3.76 -9.63 | 45.12 3.38 -5.45 | 41.91 3.19 -3.26 |
| HOLTSVILLE_IC_3 23692 | 45.26 3.00 -6.96 | 42.13 2.86 -6.76 | 40.22 2.76 -5.34 | 41.25 2.76 -5.59 | 43.59 2.77 -7.79 | 47.37 3.07 -8.66 | 57.58 4.93 -7.84 | 62.24 6.18 -4.93 | 54.61 4.65 -8.10 | 51.49 3.55 -10.20 | 47.75 3.31 -8.84 | 45.93 3.27 -8.65 | 44.87 3.23 -8.04 | 42.98 3.14 -7.17 | 44.09 3.24 -7.43 | 45.17 3.28 -7.33 | 54.14 3.71 -13.66 | 68.40 4.84 -21.07 | 67.52 5.16 -17.12 | 61.04 4.67 -14.67 | 52.78 4.26 -10.14 | 51.34 3.76 -9.63 | 45.12 3.38 -5.45 | 41.91 3.19 -3.26 |
| HOLTSVILLE_IC_4 23693 | 45.26 3.00 -6.96 | 42.13 2.86 -6.76 | 40.22 2.76 -5.34 | 41.25 2.76 -5.59 | 43.59 2.77 -7.79 | 47.37 3.07 -8.66 | 57.58 4.93 -7.84 | 62.24 6.18 -4.93 | 54.61 4.65 -8.10 | 51.49 3.55 -10.20 | 47.75 3.31 -8.84 | 45.93 3.27 -8.65 | 44.87 3.23 -8.04 | 42.98 3.14 -7.17 | 44.09 3.24 -7.43 | 45.17 3.28 -7.33 | 54.14 3.71 -13.66 | 68.40 4.84 -21.07 | 67.52 5.16 -17.12 | 61.04 4.67 -14.67 | 52.78 4.26 -10.14 | 51.34 3.76 -9.63 | 45.12 3.38 -5.45 | 41.91 3.19 -3.26 |
| HOLTSVILLE_IC_5 23694 | 45.26 3.00 -6.96 | 42.13 2.86 -6.76 | 40.22 2.76 -5.34 | 41.25 2.76 -5.59 | 43.59 2.77 -7.79 | 47.37 3.07 -8.66 | 57.58 4.93 -7.84 | 62.24 6.18 -4.93 | 54.61 4.65 -8.10 | 51.49 3.55 -10.20 | 47.75 3.31 -8.84 | 45.93 3.27 -8.65 | 44.87 3.23 -8.04 | 42.98 3.14 -7.17 | 44.09 3.24 -7.43 | 45.17 3.28 -7.33 | 54.14 3.71 -13.66 | 68.40 4.84 -21.07 | 67.52 5.16 -17.12 | 61.04 4.67 -14.67 | 52.78 4.26 -10.14 | 51.34 3.76 -9.63 | 45.12 3.38 -5.45 | 41.91 3.19 -3.26 |
| HOLTSVILLE_IC_6 23695 | 45.44 3.18 -6.96 | 42.29 3.02 -6.76 | 40.38 2.92 -5.34 | 41.41 2.93 -5.59 | 43.75 2.94 -7.79 | 47.58 3.28 -8.66 | 57.89 5.24 -7.84 | 62.55 6.49 -4.93 | 54.90 4.94 -8.10 | 51.71 3.77 -10.20 | 48.00 3.56 -8.84 | 46.13 3.47 -8.65 | 45.07 3.43 -8.04 | 43.18 3.33 -7.17 | 44.26 3.41 -7.43 | 45.38 3.49 -7.33 | 54.40 3.97 -13.66 | 68.70 5.14 -21.07 | 67.83 5.47 -17.12 | 61.33 4.96 -14.67 | 53.05 4.53 -10.14 | 51.57 3.98 -9.63 | 45.30 3.56 -5.45 | 42.09 3.37 -3.26 |
| HOLTSVILLE_IC_7 23696 | 45.44 3.18 -6.96 | 42.29 3.02 -6.76 | 40.38 2.92 -5.34 | 41.41 2.93 -5.59 | 43.75 2.94 -7.79 | 47.58 3.28 -8.66 | 57.89 5.24 -7.84 | 62.55 6.49 -4.93 | 54.90 4.94 -8.10 | 51.71 3.77 -10.20 | 48.00 3.56 -8.84 | 46.13 3.47 -8.65 | 45.07 3.43 -8.04 | 43.18 3.33 -7.17 | 44.26 3.41 -7.43 | 45.38 3.49 -7.33 | 54.40 3.97 -13.66 | 68.70 5.14 -21.07 | 67.83 5.47 -17.12 | 61.33 4.96 -14.67 | 53.05 4.53 -10.14 | 51.57 3.98 -9.63 | 45.30 3.56 -5.45 | 42.09 3.37 -3.26 |
| HOLTSVILLE_IC_8 23697 | 45.44 3.18 -6.96 | 42.29 3.02 -6.76 | 40.38 2.92 -5.34 | 41.41 2.93 -5.59 | 43.75 2.94 -7.79 | 47.58 3.28 -8.66 | 57.89 5.24 -7.84 | 62.55 6.49 -4.93 | 54.90 4.94 -8.10 | 51.71 3.77 -10.20 | 48.00 3.56 -8.84 | 46.13 3.47 -8.65 | 45.07 3.43 -8.04 | 43.18 3.33 -7.17 | 44.26 3.41 -7.43 | 45.38 3.49 -7.33 | 54.40 3.97 -13.66 | 68.70 5.14 -21.07 | 67.83 5.47 -17.12 | 61.33 4.96 -14.67 | 53.05 4.53 -10.14 | 51.57 3.98 -9.63 | 45.30 3.56 -5.45 | 42.09 3.37 -3.26 |
| HOLTSVILLE_IC_9 23698 | 45.44 3.18 -6.96 | 42.29 3.02 -6.76 | 40.38 2.92 -5.34 | 41.41 2.93 -5.59 | 43.75 2.94 -7.79 | 47.58 3.28 -8.66 | 57.89 5.24 -7.84 | 62.55 6.49 -4.93 | 54.90 4.94 -8.10 | 51.71 3.77 -10.20 | 48.00 3.56 -8.84 | 46.13 3.47 -8.65 | 45.07 3.43 -8.04 | 43.18 3.33 -7.17 | 44.26 3.41 -7.43 | 45.38 3.49 -7.33 | 54.40 3.97 -13.66 | 68.70 5.14 -21.07 | 67.83 5.47 -17.12 | 61.33 4.96 -14.67 | 53.05 4.53 -10.14 | 51.57 3.98 -9.63 | 45.30 3.56 -5.45 | 42.09 3.37 -3.26 |
| HOMER_HL_115KV_TB2 355744 | 33.71 -1.59 0.00 | 31.24 -1.27 0.00 | 31.06 -1.06 0.00 | 31.87 -1.02 0.00 | 31.67 -1.35 0.00 | 34.86 -0.78 0.00 | 43.60 -1.21 0.00 | 46.12 -5.01 0.00 | 39.61 -2.26 0.00 | 35.71 -2.04 0.00 | 33.75 -1.85 0.00 | 32.14 -1.87 0.00 | 31.89 -1.71 0.00 | 30.81 -1.86 0.00 | 31.43 -1.97 0.01 | 32.68 -1.87 0.01 | 32.93 -3.79 0.05 | 39.13 -3.36 0.00 | 41.44 -3.80 0.00 | 37.95 -3.75 0.00 | 35.54 -2.84 0.00 | 33.10 -4.55 0.30 | 32.44 -3.81 0.05 | 33.69 -1.77 0.00 |
| HOWARD_WT_PWR 323690 | 35.76 0.46 0.00 | 33.00 0.49 0.00 | 32.63 0.51 0.00 | 33.45 0.56 0.00 | 33.62 0.60 0.00 | 36.75 1.11 0.00 | 46.22 1.39 -0.02 | 52.53 1.38 -0.03 | 42.90 1.00 -0.03 | 38.54 0.79 0.00 | 36.21 0.60 0.00 | 34.42 0.41 0.00 | 34.04 0.44 0.00 | 32.93 0.26 0.00 | 33.67 0.27 0.01 | 34.97 0.42 0.01 | 37.03 0.29 0.04 | 43.49 0.98 -0.03 | 46.17 0.90 -0.03 | 42.81 1.08 -0.03 | 39.45 1.04 -0.03 | 37.96 0.23 0.22 | 36.30 0.04 0.04 | 36.07 0.60 0.00 |
| HQ_GEN_CEDARS 23644 | 35.65 0.35 0.00 | 32.67 0.16 0.00 | 32.35 0.22 0.00 | 33.19 0.30 0.00 | 33.36 0.33 0.00 | 35.82 0.18 0.00 | 44.54 -0.27 0.00 | 50.97 -0.15 0.00 | 41.70 -0.17 0.00 | 38.05 0.30 0.00 | 35.93 0.32 0.00 | 34.11 0.10 0.00 | 33.77 0.17 0.00 | 32.87 0.20 0.00 | 33.58 0.17 0.00 | 34.73 0.17 0.00 | 36.99 0.22 0.00 | 42.40 -0.08 0.00 | 45.06 -0.18 0.00 | 41.49 -0.21 0.00 | 38.19 -0.19 0.00 | 38.18 0.23 0.00 | 36.59 0.29 0.00 | 35.93 0.46 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 35.65 0.35 0.00 | 32.67 0.16 0.00 | 32.35 0.23 0.00 | 33.19 0.30 0.00 | 33.36 0.33 0.00 | 36.66 0.18 -0.84 | 43.70 -0.27 0.84 | 50.46 -0.67 0.00 | 41.70 -0.17 0.00 | 38.04 0.30 0.00 | 35.93 0.32 0.00 | 34.11 0.10 0.00 | 33.77 0.17 0.00 | 32.87 0.20 0.00 | 33.58 0.17 0.00 | 34.76 0.21 0.00 | 36.99 0.22 0.00 | 42.40 -0.08 0.00 | 45.06 -0.18 0.00 | 41.49 -0.21 0.00 | 38.19 -0.19 0.00 | 38.14 0.19 0.00 | 36.58 0.29 0.00 | 35.92 0.46 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_IMPORT 323601 | 35.44 0.14 0.00 | 32.57 0.07 0.00 | 32.22 0.10 0.00 | 32.99 0.10 0.00 | 33.13 0.10 0.00 | 37.95 0.00 -2.30 | 42.05 -0.45 2.30 | 50.36 -0.77 0.00 | 41.45 -0.29 0.13 | 37.95 0.08 -0.13 | 35.78 0.18 0.00 | 34.11 0.10 0.00 | 33.74 0.13 0.00 | 32.80 0.13 0.00 | 33.51 0.10 0.00 | 34.69 0.14 0.00 | 37.95 0.04 -1.14 | 41.05 -0.30 1.14 | 44.88 -0.36 0.00 | 41.37 -0.34 0.00 | 38.08 -0.31 0.00 | 37.95 0.00 0.00 | 36.44 0.15 0.00 | 35.64 0.18 0.00 |
| HQ_GEN_WHEEL 23651 | 35.44 0.14 0.00 | 32.57 0.07 0.00 | 32.22 0.10 0.00 | 32.99 0.10 0.00 | 33.13 0.10 0.00 | 37.95 0.00 -2.30 | 42.05 -0.45 2.30 | 50.36 -0.77 0.00 | 41.45 -0.29 0.13 | 37.95 0.08 -0.13 | 35.78 0.18 0.00 | 34.11 0.10 0.00 | 33.74 0.13 0.00 | 32.80 0.13 0.00 | 33.51 0.10 0.00 | 34.69 0.14 0.00 | 37.95 0.04 -1.14 | 41.05 -0.30 1.14 | 44.88 -0.36 0.00 | 41.37 -0.34 0.00 | 38.08 -0.31 0.00 | 37.95 0.00 0.00 | 36.44 0.15 0.00 | 35.64 0.18 0.00 |
| HUDSON AVE_GT_3 23810 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.75 1.72 0.00 | 37.54 1.89 0.00 | 47.81 3.00 0.00 | 54.65 3.53 0.00 | 45.05 3.18 0.00 | 40.25 2.49 -0.02 | 40.41 2.31 -2.49 | 40.54 2.31 -4.22 | 40.61 2.28 -4.73 | 39.84 2.25 -4.92 | 40.59 2.31 -4.87 | 40.09 2.32 -3.22 | 42.87 2.54 -3.56 | 50.50 3.36 -4.65 | 50.51 3.57 -1.69 | 49.06 3.25 -4.11 | 42.81 2.96 -1.47 | 41.68 2.50 -1.23 | 39.59 2.32 -0.97 | 37.63 2.16 0.00 |
| HUDSON AVE_GT_4 23540 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.75 1.72 0.00 | 37.54 1.89 0.00 | 47.81 3.00 0.00 | 54.65 3.53 0.00 | 45.05 3.18 0.00 | 40.25 2.49 -0.02 | 40.41 2.31 -2.49 | 40.54 2.31 -4.22 | 40.61 2.28 -4.73 | 39.84 2.25 -4.92 | 40.59 2.31 -4.87 | 40.09 2.32 -3.22 | 42.87 2.54 -3.56 | 50.50 3.36 -4.65 | 50.51 3.57 -1.69 | 49.06 3.25 -4.11 | 42.81 2.96 -1.47 | 41.68 2.50 -1.23 | 39.59 2.32 -0.97 | 37.63 2.16 0.00 |
| HUDSON AVE_GT_5 23657 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.75 1.72 0.00 | 37.54 1.89 0.00 | 47.81 3.00 0.00 | 54.65 3.53 0.00 | 45.05 3.18 0.00 | 40.25 2.49 -0.02 | 40.41 2.31 -2.49 | 40.54 2.31 -4.22 | 40.61 2.28 -4.73 | 39.84 2.25 -4.92 | 40.59 2.31 -4.87 | 40.09 2.32 -3.22 | 42.87 2.54 -3.56 | 50.50 3.36 -4.65 | 50.51 3.57 -1.69 | 49.06 3.25 -4.11 | 42.81 2.96 -1.47 | 41.68 2.50 -1.23 | 39.59 2.32 -0.97 | 37.63 2.16 0.00 |
| HUDSON_AVE_10 24168 | 37.14 1.84 0.00 | 34.20 1.69 0.00 | 33.69 1.57 0.00 | 34.44 1.55 0.00 | 34.68 1.65 0.00 | 37.46 1.82 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.44 2.35 -2.49 | 40.54 2.31 -4.22 | 40.61 2.28 -4.73 | 39.84 2.25 -4.92 | 40.59 2.31 -4.87 | 40.13 2.35 -3.22 | 42.87 2.54 -3.56 | 50.50 3.36 -4.66 | 50.55 3.57 -1.74 | 49.07 3.25 -4.11 | 42.81 2.96 -1.47 | 41.68 2.50 -1.23 | 39.56 2.29 -0.97 | 37.59 2.13 0.00 |
| HUDSON___115KV_TB 4 355613 | 36.61 1.31 0.00 | 33.71 1.20 0.00 | 33.28 1.16 0.00 | 34.08 1.18 0.00 | 34.25 1.22 0.00 | 37.04 1.39 0.00 | 46.78 1.97 0.00 | 53.22 2.10 0.00 | 43.46 1.59 0.00 | 38.65 0.91 0.00 | 36.28 0.68 0.00 | 34.76 0.75 0.00 | 34.31 0.71 0.00 | 33.39 0.72 0.00 | 34.25 0.84 0.00 | 35.38 0.83 0.00 | 37.80 1.03 0.00 | 44.02 1.53 0.00 | 47.05 1.81 0.00 | 43.33 1.63 0.00 | 39.92 1.54 0.00 | 39.16 1.21 0.00 | 37.38 1.09 0.00 | 36.49 1.03 0.00 |
| HUNTER MOUNT___DRP 323613 | 36.78 1.48 0.00 | 33.87 1.37 0.00 | 33.44 1.32 0.00 | 34.24 1.35 0.00 | 34.41 1.39 0.00 | 37.21 1.57 0.00 | 47.14 2.33 0.00 | 53.53 2.40 0.00 | 43.67 1.80 0.00 | 38.73 0.98 0.00 | 36.32 0.71 0.00 | 34.76 0.75 0.00 | 34.27 0.67 0.00 | 33.36 0.69 0.00 | 34.25 0.84 0.00 | 35.42 0.86 0.00 | 37.87 1.10 0.00 | 44.23 1.74 0.00 | 47.28 2.04 0.00 | 43.54 1.83 0.00 | 40.07 1.69 0.00 | 39.28 1.33 0.00 | 37.53 1.23 0.00 | 36.63 1.17 0.00 |
| HUNTINGTON_RES_REC 323705 | 44.91 2.65 -6.96 | 41.81 2.54 -6.76 | 39.90 2.44 -5.34 | 40.92 2.43 -5.59 | 43.26 2.44 -7.79 | 47.05 2.74 -8.66 | 56.82 4.17 -7.84 | 61.32 5.27 -4.93 | 54.02 4.06 -8.10 | 51.15 3.21 -10.20 | 47.43 2.99 -8.84 | 45.62 2.96 -8.65 | 44.50 2.85 -8.04 | 42.65 2.81 -7.17 | 43.75 2.91 -7.43 | 44.83 2.94 -7.33 | 53.55 3.12 -13.66 | 67.64 4.08 -21.07 | 66.71 4.34 -17.13 | 60.33 3.96 -14.67 | 52.09 3.57 -10.14 | 50.77 3.19 -9.63 | 44.75 3.01 -5.45 | 41.56 2.84 -3.26 |
| HUNTLEY___63 23557 | 32.16 -3.14 0.00 | 29.88 -2.63 0.00 | 29.74 -2.38 0.00 | 30.53 -2.37 0.00 | 30.15 -2.87 0.00 | 33.26 -2.39 0.00 | 41.35 -3.45 0.01 | 45.75 -5.37 0.01 | 37.80 -4.06 0.01 | 33.97 -3.77 0.00 | 32.08 -3.52 0.00 | 30.57 -3.43 0.00 | 30.34 -3.26 0.00 | 29.34 -3.33 0.00 | 29.96 -3.44 0.01 | 31.09 -3.46 0.01 | 32.34 -4.38 0.05 | 37.85 -4.63 0.01 | 40.34 -4.89 0.01 | 37.06 -4.63 0.01 | 34.34 -4.03 0.01 | 32.98 -4.63 0.34 | 32.14 -4.10 0.05 | 31.95 -3.51 0.00 |
| HUNTLEY___64 23558 | 32.16 -3.14 0.00 | 29.88 -2.63 0.00 | 29.74 -2.38 0.00 | 30.53 -2.37 0.00 | 30.15 -2.87 0.00 | 33.26 -2.39 0.00 | 41.35 -3.45 0.01 | 45.75 -5.37 0.01 | 37.80 -4.06 0.01 | 33.97 -3.77 0.00 | 32.08 -3.52 0.00 | 30.57 -3.43 0.00 | 30.34 -3.26 0.00 | 29.34 -3.33 0.00 | 29.96 -3.44 0.01 | 31.09 -3.46 0.01 | 32.34 -4.38 0.05 | 37.85 -4.63 0.01 | 40.34 -4.89 0.01 | 37.06 -4.63 0.01 | 34.34 -4.03 0.01 | 32.98 -4.63 0.34 | 32.14 -4.10 0.05 | 31.95 -3.51 0.00 |
| HUNTLEY___65 23559 | 32.16 -3.14 0.00 | 29.88 -2.63 0.00 | 29.74 -2.38 0.00 | 30.53 -2.37 0.00 | 30.15 -2.87 0.00 | 33.26 -2.39 0.00 | 41.35 -3.45 0.01 | 45.75 -5.37 0.01 | 37.80 -4.06 0.01 | 33.97 -3.77 0.00 | 32.08 -3.52 0.00 | 30.57 -3.43 0.00 | 30.34 -3.26 0.00 | 29.34 -3.33 0.00 | 29.96 -3.44 0.01 | 31.09 -3.46 0.01 | 32.34 -4.38 0.05 | 37.85 -4.63 0.01 | 40.34 -4.89 0.01 | 37.06 -4.63 0.01 | 34.34 -4.03 0.01 | 32.98 -4.63 0.34 | 32.14 -4.10 0.05 | 31.95 -3.51 0.00 |
| HUNTLEY___66 23560 | 32.16 -3.14 0.00 | 29.88 -2.63 0.00 | 29.74 -2.38 0.00 | 30.53 -2.37 0.00 | 30.15 -2.87 0.00 | 33.26 -2.39 0.00 | 41.35 -3.45 0.01 | 45.75 -5.37 0.01 | 37.80 -4.06 0.01 | 33.97 -3.77 0.00 | 32.08 -3.52 0.00 | 30.57 -3.43 0.00 | 30.34 -3.26 0.00 | 29.34 -3.33 0.00 | 29.96 -3.44 0.01 | 31.09 -3.46 0.01 | 32.34 -4.38 0.05 | 37.85 -4.63 0.01 | 40.34 -4.89 0.01 | 37.06 -4.63 0.01 | 34.34 -4.03 0.01 | 32.98 -4.63 0.34 | 32.14 -4.10 0.05 | 31.95 -3.51 0.00 |
| HUNTLEY___67 23561 | 32.16 -3.14 0.00 | 29.88 -2.63 0.00 | 29.74 -2.38 0.00 | 30.49 -2.40 0.00 | 30.15 -2.87 0.00 | 33.22 -2.42 0.00 | 41.35 -3.45 0.01 | 45.64 -5.47 0.01 | 37.84 -4.02 0.01 | 33.97 -3.77 0.00 | 32.12 -3.49 0.00 | 30.64 -3.37 0.00 | 30.41 -3.19 0.00 | 29.40 -3.27 0.00 | 30.06 -3.34 0.01 | 31.16 -3.39 0.01 | 32.41 -4.30 0.05 | 37.89 -4.59 0.01 | 40.34 -4.89 0.01 | 37.10 -4.59 0.01 | 34.38 -3.99 0.01 | 33.02 -4.59 0.34 | 32.18 -4.07 0.05 | 32.02 -3.44 0.00 |
| HUNTLEY___68 23562 | 32.16 -3.14 0.00 | 29.88 -2.63 0.00 | 29.74 -2.38 0.00 | 30.49 -2.40 0.00 | 30.15 -2.87 0.00 | 33.22 -2.42 0.00 | 41.35 -3.45 0.01 | 45.64 -5.47 0.01 | 37.84 -4.02 0.01 | 33.97 -3.77 0.00 | 32.12 -3.49 0.00 | 30.64 -3.37 0.00 | 30.41 -3.19 0.00 | 29.40 -3.27 0.00 | 30.06 -3.34 0.01 | 31.16 -3.39 0.01 | 32.41 -4.30 0.05 | 37.89 -4.59 0.01 | 40.34 -4.89 0.01 | 37.10 -4.59 0.01 | 34.38 -3.99 0.01 | 33.02 -4.59 0.34 | 32.18 -4.07 0.05 | 32.02 -3.44 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| HYLAND___LFGE 323620 | 34.73 -0.57 0.00 | 31.89 -0.62 0.00 | 31.48 -0.64 0.00 | 32.30 -0.59 0.00 | 32.37 -0.66 0.00 | 35.47 -0.18 0.00 | 44.72 -0.09 -0.01 | 50.98 -0.15 -0.01 | 41.42 -0.46 -0.01 | 37.03 -0.72 0.00 | 34.50 -1.10 0.00 | 32.79 -1.22 0.00 | 32.36 -1.24 0.00 | 31.27 -1.40 0.00 | 32.07 -1.34 0.01 | 33.31 -1.24 0.01 | 35.70 -1.03 0.04 | 42.12 -0.38 -0.01 | 44.75 -0.50 -0.01 | 41.55 -0.17 -0.01 | 38.20 -0.19 -0.01 | 36.77 -0.91 0.27 | 35.05 -1.20 0.04 | 34.43 -1.03 0.00 |
| INDECK___CORINTH 23802 | 35.79 0.49 0.00 | 33.00 0.49 0.00 | 32.60 0.48 0.00 | 33.39 0.49 0.00 | 33.55 0.53 0.00 | 36.40 0.75 0.00 | 46.28 1.48 0.00 | 53.17 2.05 0.00 | 43.12 1.25 0.00 | 38.46 0.72 0.00 | 36.07 0.46 0.00 | 34.49 0.48 0.00 | 33.97 0.37 0.00 | 32.90 0.23 0.00 | 33.71 0.30 0.00 | 34.90 0.35 0.00 | 37.32 0.55 0.00 | 43.42 0.93 0.00 | 46.50 1.26 0.00 | 42.83 1.13 0.00 | 39.46 1.07 0.00 | 38.67 0.72 0.00 | 36.80 0.51 0.00 | 35.89 0.43 0.00 |
| INDECK___ILION 23567 | 35.79 0.49 0.00 | 33.00 0.49 0.00 | 32.60 0.48 0.00 | 33.39 0.49 0.00 | 33.56 0.53 0.00 | 36.25 0.61 0.00 | 45.75 0.94 0.00 | 52.10 0.97 0.00 | 42.66 0.80 0.00 | 38.31 0.57 0.00 | 36.07 0.46 0.00 | 34.45 0.44 0.00 | 34.04 0.44 0.00 | 33.10 0.42 0.00 | 33.85 0.43 0.00 | 35.04 0.48 0.00 | 37.32 0.55 0.00 | 43.30 0.81 0.00 | 46.10 0.86 0.00 | 42.45 0.75 0.00 | 39.07 0.69 0.00 | 38.60 0.65 0.00 | 36.84 0.54 0.00 | 36.00 0.53 0.00 |
| INDECK___OLEAN 23982 | 33.71 -1.59 0.00 | 31.11 -1.40 0.00 | 30.74 -1.38 0.00 | 31.58 -1.32 0.00 | 31.64 -1.39 0.00 | 34.69 -0.96 0.00 | 42.12 -2.69 0.00 | 46.58 -4.55 0.00 | 39.02 -2.85 0.00 | 35.67 -2.08 0.00 | 33.72 -1.89 0.00 | 32.14 -1.87 0.00 | 31.89 -1.71 0.00 | 30.81 -1.86 0.00 | 31.43 -1.97 0.01 | 32.65 -1.90 0.01 | 33.04 -3.68 0.05 | 39.09 -3.40 0.00 | 41.35 -3.89 0.00 | 38.36 -3.34 0.00 | 35.58 -2.80 0.00 | 33.10 -4.56 0.30 | 32.51 -3.74 0.05 | 33.69 -1.77 0.00 |
| INDECK___OSWEGO 23783 | 33.85 -1.45 0.00 | 31.17 -1.33 0.00 | 30.80 -1.32 0.00 | 31.54 -1.35 0.00 | 31.67 -1.36 0.00 | 34.01 -1.64 0.00 | 42.88 -1.93 0.00 | 49.03 -2.10 -0.01 | 39.95 -1.93 -0.01 | 35.90 -1.85 0.00 | 33.79 -1.81 0.00 | 32.55 -1.46 0.00 | 32.12 -1.48 0.00 | 31.20 -1.47 0.00 | 31.95 -1.47 -0.01 | 33.04 -1.52 -0.01 | 35.33 -1.47 -0.03 | 41.01 -1.49 -0.01 | 43.66 -1.58 -0.01 | 40.33 -1.38 -0.01 | 37.08 -1.31 -0.01 | 36.64 -1.48 -0.17 | 34.80 -1.52 -0.03 | 33.98 -1.49 0.00 |
| INDECK___YERKES 23781 | 32.19 -3.11 0.00 | 29.65 -2.86 0.00 | 29.29 -2.83 0.00 | 30.10 -2.80 0.00 | 30.19 -2.84 0.00 | 33.12 -2.53 0.00 | 40.49 -4.30 0.01 | 45.65 -5.47 0.01 | 37.38 -4.48 0.01 | 33.97 -3.77 0.00 | 32.12 -3.49 0.00 | 30.61 -3.40 0.00 | 30.37 -3.23 0.00 | 29.34 -3.33 0.00 | 30.00 -3.41 0.01 | 31.09 -3.46 0.01 | 32.41 -4.30 0.05 | 37.89 -4.59 0.01 | 40.34 -4.89 0.01 | 37.31 -4.38 0.01 | 34.42 -3.95 0.01 | 32.98 -4.63 0.34 | 32.18 -4.06 0.05 | 31.95 -3.51 0.00 |
| INDIAN POINT_GT_1 24139 | 37.03 1.73 0.00 | 34.13 1.63 0.00 | 33.63 1.51 0.00 | 34.41 1.51 0.00 | 34.58 1.55 0.00 | 37.32 1.68 0.00 | 47.54 2.73 0.00 | 54.35 3.22 0.00 | 44.63 2.76 0.00 | 39.78 2.04 0.00 | 37.49 1.89 0.00 | 35.91 1.90 0.00 | 35.45 1.85 0.00 | 34.50 1.83 0.00 | 35.28 1.87 0.00 | 36.46 1.90 0.00 | 38.90 2.13 0.00 | 45.41 2.89 -0.03 | 48.58 3.08 -0.26 | 44.52 2.79 -0.02 | 40.92 2.53 0.00 | 40.04 2.09 0.00 | 38.22 1.92 0.00 | 37.24 1.77 0.00 |
| INDIAN POINT_GT_2 23659 | 37.03 1.73 0.00 | 34.13 1.63 0.00 | 33.63 1.51 0.00 | 34.41 1.51 0.00 | 34.58 1.55 0.00 | 37.32 1.68 0.00 | 47.54 2.73 0.00 | 54.35 3.22 0.00 | 44.63 2.76 0.00 | 39.78 2.04 0.00 | 37.49 1.89 0.00 | 35.91 1.90 0.00 | 35.45 1.85 0.00 | 34.50 1.83 0.00 | 35.28 1.87 0.00 | 36.46 1.90 0.00 | 38.90 2.13 0.00 | 45.41 2.89 -0.03 | 48.58 3.08 -0.26 | 44.52 2.79 -0.02 | 40.92 2.53 0.00 | 40.04 2.09 0.00 | 38.22 1.92 0.00 | 37.24 1.77 0.00 |
| INDIAN POINT_GT_3 24019 | 37.03 1.73 0.00 | 34.13 1.63 0.00 | 33.63 1.51 0.00 | 34.41 1.51 0.00 | 34.58 1.55 0.00 | 37.32 1.68 0.00 | 47.54 2.73 0.00 | 54.35 3.22 0.00 | 44.63 2.76 0.00 | 39.78 2.04 0.00 | 37.49 1.89 0.00 | 35.91 1.90 0.00 | 35.45 1.85 0.00 | 34.50 1.83 0.00 | 35.28 1.87 0.00 | 36.46 1.90 0.00 | 38.90 2.13 0.00 | 45.41 2.89 -0.03 | 48.58 3.08 -0.26 | 44.52 2.79 -0.02 | 40.92 2.53 0.00 | 40.04 2.09 0.00 | 38.22 1.92 0.00 | 37.24 1.77 0.00 |
| INDIAN POINT___2 23530 | 36.89 1.59 0.00 | 34.07 1.56 0.00 | 33.63 1.51 0.00 | 34.38 1.48 0.00 | 34.48 1.45 0.00 | 37.25 1.61 0.00 | 47.58 2.78 0.00 | 54.81 3.68 0.00 | 44.55 2.68 0.00 | 39.67 1.92 0.00 | 37.35 1.74 0.00 | 35.78 1.77 0.00 | 35.31 1.71 0.00 | 34.37 1.70 0.00 | 35.15 1.74 0.00 | 36.28 1.73 0.00 | 38.72 1.95 0.00 | 45.20 2.68 -0.03 | 48.32 2.85 -0.23 | 44.31 2.59 -0.02 | 40.73 2.34 0.00 | 39.92 1.97 0.00 | 38.07 1.78 0.00 | 37.10 1.63 0.00 |
| INDIAN POINT___3 23531 | 36.92 1.62 0.00 | 34.04 1.53 0.00 | 33.57 1.45 0.00 | 34.31 1.41 0.00 | 34.51 1.49 0.00 | 37.25 1.60 0.00 | 47.40 2.60 0.00 | 54.14 3.02 0.00 | 44.42 2.55 0.00 | 39.67 1.92 0.00 | 37.39 1.78 0.00 | 35.78 1.77 0.00 | 35.35 1.75 0.00 | 34.40 1.73 0.00 | 35.18 1.77 0.00 | 36.32 1.76 0.00 | 38.75 1.99 0.00 | 45.24 2.72 -0.03 | 48.37 2.90 -0.24 | 44.35 2.63 -0.02 | 40.76 2.38 0.00 | 39.92 1.97 0.00 | 38.11 1.81 0.00 | 37.13 1.67 0.00 |
| INGHAM_C_115KV_TB7 356103 | 35.97 0.67 0.00 | 33.13 0.62 0.00 | 32.76 0.64 0.00 | 33.55 0.66 0.00 | 33.75 0.73 0.00 | 36.47 0.82 0.00 | 46.06 1.25 0.00 | 52.35 1.23 0.00 | 42.79 0.92 0.00 | 38.42 0.68 0.00 | 36.18 0.57 0.00 | 34.62 0.61 0.00 | 34.17 0.57 0.00 | 33.26 0.59 0.00 | 34.01 0.60 0.00 | 35.18 0.62 0.00 | 37.47 0.70 0.00 | 43.42 0.93 0.00 | 46.24 1.00 0.00 | 42.62 0.92 0.00 | 39.23 0.84 0.00 | 38.78 0.83 0.00 | 37.06 0.76 0.00 | 36.21 0.74 0.00 |
| IP CORINTH___1 23988 | 36.01 0.71 0.00 | 33.16 0.65 0.00 | 32.73 0.61 0.00 | 33.52 0.62 0.00 | 33.72 0.69 0.00 | 36.43 0.78 0.00 | 46.51 1.70 0.00 | 53.12 1.99 0.00 | 43.33 1.47 0.00 | 38.65 0.91 0.00 | 36.25 0.64 0.00 | 34.66 0.65 0.00 | 34.17 0.57 0.00 | 33.06 0.39 0.00 | 33.88 0.47 0.00 | 35.07 0.52 0.00 | 37.50 0.74 0.00 | 43.68 1.19 0.00 | 46.78 1.54 0.00 | 43.08 1.38 0.00 | 39.69 1.31 0.00 | 38.86 0.91 0.00 | 37.02 0.73 0.00 | 36.10 0.64 0.00 |
| IP___TICONDEROGA 23804 | 37.31 2.01 0.00 | 34.36 1.85 0.00 | 33.92 1.80 0.00 | 34.77 1.87 0.00 | 35.01 1.98 0.00 | 37.86 2.21 0.00 | 48.66 3.85 0.00 | 55.57 4.45 0.00 | 45.26 3.39 0.00 | 40.01 2.26 0.00 | 37.39 1.78 0.00 | 35.68 1.67 0.00 | 35.05 1.44 0.00 | 33.98 1.31 0.00 | 34.88 1.47 0.00 | 36.18 1.62 0.00 | 38.83 2.06 0.00 | 45.29 2.80 0.00 | 48.68 3.44 0.00 | 44.83 3.13 0.00 | 41.34 2.96 0.00 | 40.30 2.35 0.00 | 38.33 2.03 0.00 | 37.31 1.84 0.00 |
| ISLIP_RES_REC 323679 | 45.58 3.32 -6.96 | 42.42 3.15 -6.76 | 40.51 3.05 -5.34 | 41.55 3.06 -5.59 | 43.89 3.07 -7.79 | 47.73 3.42 -8.66 | 58.11 5.46 -7.84 | 62.86 6.80 -4.93 | 55.11 5.15 -8.10 | 51.90 3.96 -10.20 | 48.18 3.74 -8.84 | 46.34 3.67 -8.65 | 45.24 3.60 -8.04 | 43.30 3.46 -7.17 | 44.42 3.58 -7.43 | 45.55 3.66 -7.33 | 54.62 4.19 -13.66 | 69.00 5.44 -21.07 | 68.11 5.75 -17.12 | 61.58 5.21 -14.67 | 53.24 4.72 -10.14 | 51.76 4.17 -9.63 | 45.48 3.74 -5.45 | 42.23 3.51 -3.26 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| JAMAICA__27_KV_LOAD 355505 | 37.35 2.05 0.00 | 34.39 1.89 0.00 | 33.89 1.77 0.00 | 34.64 1.74 0.00 | 34.88 1.85 0.00 | 37.71 2.07 0.00 | 48.17 3.36 0.00 | 55.16 4.04 0.00 | 45.51 3.64 0.00 | 40.63 2.87 -0.02 | 40.87 2.78 -2.49 | 40.98 2.75 -4.22 | 41.05 2.72 -4.73 | 40.27 2.68 -4.92 | 41.02 2.74 -4.87 | 40.58 2.80 -3.22 | 43.34 3.02 -3.56 | 51.10 3.95 -4.66 | 51.23 4.21 -1.78 | 49.65 3.84 -4.11 | 43.27 3.42 -1.47 | 42.10 2.92 -1.23 | 39.92 2.65 -0.97 | 37.84 2.38 0.00 |
| JANIS__SOLAR 323808 | 37.10 1.80 0.00 | 34.20 1.69 0.00 | 33.76 1.64 0.00 | 34.64 1.74 0.00 | 34.88 1.85 0.00 | 37.96 2.32 0.00 | 48.22 3.40 -0.01 | 55.02 3.88 -0.02 | 44.52 2.64 -0.02 | 39.63 1.89 0.00 | 36.96 1.35 0.00 | 35.07 1.06 0.00 | 34.61 1.01 0.00 | 33.55 0.88 0.00 | 34.41 1.00 0.00 | 35.83 1.28 0.00 | 38.62 1.87 0.02 | 45.43 2.93 -0.02 | 48.47 3.21 -0.02 | 44.76 3.04 -0.02 | 41.12 2.73 -0.02 | 39.95 2.12 0.13 | 38.02 1.74 0.02 | 37.31 1.84 0.00 |
| JARVIS____ 23743 | 35.51 0.21 0.00 | 32.71 0.20 0.00 | 32.31 0.19 0.00 | 33.09 0.20 0.00 | 33.23 0.20 0.00 | 35.90 0.25 0.00 | 45.25 0.45 0.00 | 51.74 0.62 0.00 | 42.29 0.42 0.00 | 37.97 0.23 0.00 | 35.78 0.18 0.00 | 34.22 0.21 0.00 | 33.77 0.17 0.00 | 32.87 0.20 0.00 | 33.61 0.20 0.00 | 34.76 0.21 0.00 | 37.03 0.26 0.00 | 42.87 0.38 0.00 | 45.69 0.45 0.00 | 42.08 0.37 0.00 | 38.73 0.34 0.00 | 38.22 0.27 0.00 | 36.51 0.22 0.00 | 35.64 0.18 0.00 |
| JENNISON____1 23625 | 37.70 2.40 0.00 | 34.75 2.24 0.00 | 34.37 2.25 0.00 | 35.23 2.34 0.00 | 35.47 2.44 0.00 | 38.57 2.92 0.00 | 49.16 4.35 -0.01 | 55.63 4.50 -0.01 | 45.39 3.52 -0.01 | 40.42 2.68 0.00 | 37.71 2.10 0.00 | 35.78 1.77 0.00 | 35.31 1.71 0.00 | 34.24 1.57 0.00 | 35.08 1.67 0.00 | 36.49 1.94 0.00 | 39.18 2.43 0.02 | 46.11 3.61 -0.01 | 49.14 3.89 -0.01 | 45.26 3.54 -0.01 | 41.66 3.26 -0.01 | 40.50 2.66 0.10 | 38.60 2.32 0.02 | 37.88 2.41 0.00 |
| JENNISON____2 23626 | 37.70 2.40 0.00 | 34.75 2.24 0.00 | 34.37 2.25 0.00 | 35.23 2.34 0.00 | 35.47 2.44 0.00 | 38.57 2.92 0.00 | 49.16 4.35 -0.01 | 55.63 4.50 -0.01 | 45.39 3.52 -0.01 | 40.42 2.68 0.00 | 37.71 2.10 0.00 | 35.78 1.77 0.00 | 35.31 1.71 0.00 | 34.24 1.57 0.00 | 35.08 1.67 0.00 | 36.49 1.94 0.00 | 39.18 2.43 0.02 | 46.11 3.61 -0.01 | 49.14 3.89 -0.01 | 45.26 3.54 -0.01 | 41.66 3.26 -0.01 | 40.50 2.66 0.10 | 38.60 2.32 0.02 | 37.88 2.41 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 36.50 1.20 0.00 | 33.35 0.84 0.00 | 33.08 0.96 0.00 | 33.95 1.05 0.00 | 34.12 1.09 0.00 | 36.75 1.11 0.00 | 45.48 0.67 0.00 | 51.53 0.41 0.00 | 42.62 0.75 0.00 | 38.95 1.21 0.00 | 36.74 1.14 0.00 | 34.82 0.81 0.00 | 34.54 0.94 0.00 | 33.62 0.95 0.00 | 34.35 0.93 0.00 | 35.56 1.00 0.00 | 37.91 1.14 0.00 | 43.51 1.02 0.00 | 46.14 0.90 0.00 | 42.49 0.79 0.00 | 39.08 0.69 0.00 | 38.98 1.03 0.00 | 37.28 0.98 0.00 | 36.92 1.45 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.79 1.67 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.39 1.75 0.00 | 47.67 2.87 0.00 | 54.60 3.48 0.00 | 44.76 2.89 0.00 | 39.90 2.15 0.00 | 37.60 1.99 0.00 | 35.98 1.97 0.00 | 35.48 1.88 0.00 | 34.53 1.86 0.00 | 35.32 1.90 0.00 | 36.46 1.90 0.00 | 38.94 2.17 0.00 | 45.46 2.97 0.00 | 48.45 3.21 0.00 | 44.62 2.92 0.00 | 41.03 2.65 0.00 | 40.15 2.20 0.00 | 38.26 1.96 0.00 | 37.31 1.84 0.00 |
| KCE_NY_1 323755 | 36.75 1.45 0.00 | 33.87 1.37 0.00 | 33.47 1.35 0.00 | 34.28 1.38 0.00 | 34.41 1.39 0.00 | 37.29 1.64 0.00 | 47.31 2.51 0.00 | 54.24 3.12 0.00 | 44.04 2.18 0.00 | 39.29 1.55 0.00 | 36.92 1.32 0.00 | 35.30 1.29 0.00 | 34.81 1.21 0.00 | 33.85 1.17 0.00 | 34.65 1.24 0.00 | 35.87 1.31 0.00 | 38.28 1.51 0.00 | 44.53 2.04 0.00 | 47.59 2.35 0.00 | 43.83 2.13 0.00 | 40.38 1.99 0.00 | 39.62 1.67 0.00 | 37.78 1.49 0.00 | 36.88 1.42 0.00 |
| KCE_NY_6_ESR 323823 | 32.69 -2.61 0.00 | 30.14 -2.37 0.00 | 29.78 -2.34 0.00 | 30.59 -2.30 0.00 | 30.68 -2.34 0.00 | 33.65 -2.00 0.00 | 41.08 -3.72 0.01 | 46.11 -5.01 0.01 | 37.97 -3.89 0.01 | 34.57 -3.17 0.00 | 32.69 -2.92 0.00 | 31.19 -2.82 0.00 | 30.95 -2.66 0.00 | 29.89 -2.78 0.00 | 30.56 -2.84 0.01 | 31.68 -2.87 0.01 | 32.74 -3.97 0.05 | 38.36 -4.12 0.01 | 40.80 -4.43 0.01 | 37.77 -3.92 0.01 | 34.88 -3.49 0.01 | 33.22 -4.40 0.33 | 32.43 -3.81 0.05 | 32.56 -2.91 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 45.37 -6.96 | 42.23 -6.76 | 40.31 -5.34 | 41.38 -5.59 | 43.72 -7.79 | 47.52 -8.66 | 57.75 -7.84 | 62.45 -4.93 | 54.82 -8.10 | 51.68 -10.20 | 47.93 -8.84 | 46.10 -8.65 | 45.00 -8.04 | 43.11 -7.17 | 44.22 -7.43 | 45.31 -7.33 | 54.33 -13.66 | 68.49 -21.07 | 67.56 -17.12 | 61.24 -14.67 | 52.94 -10.14 | 51.49 -9.63 | 45.26 -5.45 | 42.05 -3.26 |
| KEDC_PORT_JEFF_GT3 24211 | 45.37 -6.96 | 42.23 -6.76 | 40.31 -5.34 | 41.38 -5.59 | 43.72 -7.79 | 47.52 -8.66 | 57.75 -7.84 | 62.45 -4.93 | 54.82 -8.10 | 51.68 -10.20 | 47.93 -8.84 | 46.10 -8.65 | 45.00 -8.04 | 43.11 -7.17 | 44.22 -7.43 | 45.31 -7.33 | 54.33 -13.66 | 68.49 -21.07 | 67.56 -17.12 | 61.24 -14.67 | 52.94 -10.14 | 51.49 -9.63 | 45.26 -5.45 | 42.05 -3.26 |
| KEDC_GLWD_GT4 24219 | 44.77 -6.96 | 41.67 -6.76 | 39.77 -5.34 | 40.79 -5.59 | 43.13 -7.79 | 46.87 -8.66 | 56.32 -7.84 | 60.81 -4.93 | 53.52 -8.09 | 50.81 -10.20 | 46.93 -8.84 | 45.14 -8.65 | 44.20 -8.04 | 42.36 -7.17 | 43.42 -7.43 | 44.34 -7.33 | 53.15 -13.66 | 67.17 -21.07 | 66.26 -17.17 | 59.83 -14.67 | 51.67 -10.14 | 50.31 -9.63 | 44.24 -5.44 | 41.34 -3.26 |
| KEDC_GLWD_GT5 24220 | 44.77 -6.96 | 41.67 -6.76 | 39.77 -5.34 | 40.79 -5.59 | 43.13 -7.79 | 46.87 -8.66 | 56.32 -7.84 | 60.81 -4.93 | 53.52 -8.09 | 50.81 -10.20 | 46.93 -8.84 | 45.14 -8.65 | 44.20 -8.04 | 42.36 -7.17 | 43.42 -7.43 | 44.34 -7.33 | 53.15 -13.66 | 67.17 -21.07 | 66.26 -17.17 | 59.83 -14.67 | 51.67 -10.14 | 50.31 -9.63 | 44.24 -5.44 | 41.34 -3.26 |
| KENSICO____ 23655 | 37.07 1.77 0.00 | 34.17 1.66 0.00 | 33.66 1.54 0.00 | 34.44 1.55 0.00 | 34.61 1.59 0.00 | 37.39 1.75 0.00 | 47.58 2.78 0.00 | 54.35 3.22 0.00 | 44.67 2.81 0.00 | 39.86 2.11 0.00 | 37.56 1.96 0.00 | 35.98 1.97 0.00 | 35.55 1.95 0.00 | 34.60 1.93 0.00 | 35.38 1.97 0.00 | 36.52 1.97 0.00 | 38.94 2.17 0.00 | 45.50 2.97 -0.04 | 48.71 3.17 -0.30 | 44.56 2.84 -0.03 | 40.96 2.57 0.00 | 40.11 2.16 0.00 | 38.29 2.00 0.00 | 37.31 1.84 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 37.14 1.84 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.51 1.61 0.00 | 34.71 1.68 0.00 | 37.46 1.82 0.00 | 47.90 3.09 0.00 | 54.55 3.43 0.00 | 44.67 2.81 0.00 | 39.67 1.92 0.00 | 37.35 1.74 0.00 | 35.64 1.63 0.00 | 34.88 1.28 0.00 | 33.98 1.31 0.00 | 34.78 1.37 0.00 | 35.94 1.38 0.00 | 38.46 1.69 0.00 | 45.12 2.63 0.00 | 47.95 2.71 0.00 | 44.16 2.46 0.00 | 40.92 2.53 0.00 | 40.00 2.05 0.00 | 38.18 1.89 0.00 | 37.20 1.74 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| KIAC_JFK_GT1 23816 | 37.24 1.94 0.00 | 34.30 1.79 0.00 | 33.79 1.67 0.00 | 34.54 1.64 0.00 | 34.78 1.75 0.00 | 37.61 1.96 0.00 | 48.03 3.23 0.00 | 54.96 3.83 0.00 | 45.38 3.52 0.00 | 40.52 2.76 -0.02 | 40.76 2.67 -2.49 | 40.88 2.65 -4.22 | 40.91 2.59 -4.73 | 40.17 2.58 -4.92 | 40.92 2.64 -4.87 | 40.44 2.66 -3.22 | 43.23 2.90 -3.56 | 50.93 3.78 -4.66 | 51.05 4.03 -1.78 | 49.48 3.67 -4.11 | 43.12 3.26 -1.47 | 41.95 2.77 -1.23 | 39.77 2.50 -0.97 | 37.73 2.27 0.00 |
| KIAC_JFK_GT2 23817 | 37.24 1.94 0.00 | 34.30 1.79 0.00 | 33.79 1.67 0.00 | 34.54 1.64 0.00 | 34.78 1.75 0.00 | 37.61 1.96 0.00 | 48.03 3.23 0.00 | 54.96 3.83 0.00 | 45.38 3.52 0.00 | 40.52 2.76 -0.02 | 40.76 2.67 -2.49 | 40.88 2.65 -4.22 | 40.91 2.59 -4.73 | 40.17 2.58 -4.92 | 40.92 2.64 -4.87 | 40.44 2.66 -3.22 | 43.23 2.90 -3.56 | 50.93 3.78 -4.66 | 51.05 4.03 -1.78 | 49.48 3.67 -4.11 | 43.12 3.26 -1.47 | 41.95 2.77 -1.23 | 39.77 2.50 -0.97 | 37.73 2.27 0.00 |
| KIAC_JFK____ 323774 | 37.24 1.94 0.00 | 34.39 1.88 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.78 1.75 0.00 | 37.68 2.03 0.00 | 48.39 3.59 0.00 | 55.99 4.86 0.00 | 45.64 3.77 0.00 | 40.63 2.87 -0.02 | 40.69 2.60 -2.49 | 40.81 2.58 -4.22 | 40.85 2.52 -4.73 | 40.14 2.55 -4.92 | 40.89 2.61 -4.87 | 40.40 2.62 -3.22 | 43.16 2.83 -3.56 | 50.93 3.78 -4.67 | 51.05 4.02 -1.78 | 49.49 3.67 -4.12 | 43.19 3.34 -1.47 | 41.99 2.81 -1.23 | 39.77 2.50 -0.97 | 37.74 2.27 -0.01 |
| KINTIGH____ 23543 | 32.12 -3.18 0.00 | 29.78 -2.73 0.00 | 29.62 -2.51 0.00 | 30.36 -2.53 0.00 | 30.09 -2.94 0.00 | 33.04 -2.60 0.00 | 41.25 -3.54 0.01 | 46.46 -4.65 0.01 | 38.00 -3.85 0.01 | 34.05 -3.70 0.00 | 32.12 -3.49 0.00 | 30.68 -3.33 0.00 | 30.41 -3.19 0.00 | 29.44 -3.23 0.01 | 30.10 -3.31 0.01 | 31.19 -3.35 0.01 | 32.96 -3.75 0.06 | 38.35 -4.12 0.01 | 40.84 -4.39 0.01 | 37.68 -4.00 0.01 | 34.76 -3.61 0.01 | 33.76 -3.83 0.36 | 32.68 -3.56 0.06 | 31.99 -3.48 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 37.17 1.87 0.00 | 33.87 1.37 0.00 | 33.63 1.51 0.00 | 34.54 1.64 0.00 | 34.75 1.72 0.00 | 37.46 1.82 0.00 | 46.37 1.57 0.00 | 53.02 1.89 0.00 | 43.54 1.67 0.00 | 39.59 1.85 0.00 | 37.28 1.67 0.00 | 35.20 1.19 0.00 | 34.98 1.38 0.00 | 34.04 1.37 0.00 | 34.78 1.37 0.00 | 36.01 1.45 0.00 | 38.50 1.73 0.00 | 44.36 1.87 0.00 | 46.96 1.72 0.00 | 43.24 1.54 0.00 | 39.77 1.38 0.00 | 39.62 1.67 0.00 | 37.71 1.42 0.00 | 37.56 2.09 0.00 |
| LACHUTE____HYDRO 323717 | 37.31 2.01 0.00 | 34.36 1.85 0.00 | 33.95 1.83 0.00 | 34.80 1.91 0.00 | 35.01 1.98 0.00 | 38.07 2.43 0.00 | 48.61 3.81 0.00 | 55.93 4.80 0.00 | 45.22 3.35 0.00 | 40.05 2.30 0.00 | 37.39 1.78 0.00 | 35.68 1.67 0.00 | 35.01 1.41 0.00 | 34.01 1.34 0.00 | 34.88 1.47 0.00 | 36.18 1.62 0.00 | 38.83 2.06 0.00 | 45.29 2.80 0.00 | 48.68 3.44 0.00 | 44.83 3.13 0.00 | 41.34 2.96 0.00 | 40.34 2.39 0.00 | 38.33 2.03 0.00 | 37.31 1.84 0.00 |
| LAWRNCALV_115KV_TB1 80681 | 35.41 0.11 0.00 | 32.41 -0.10 0.00 | 32.09 -0.03 0.00 | 32.96 0.07 0.00 | 33.16 0.13 0.00 | 35.54 -0.11 0.00 | 44.13 -0.67 0.00 | 50.61 -0.51 0.00 | 41.36 -0.50 0.00 | 37.71 -0.04 0.00 | 35.53 -0.07 0.00 | 33.70 -0.31 0.00 | 33.30 -0.30 0.00 | 32.41 -0.26 0.00 | 33.15 -0.27 0.00 | 34.28 -0.28 0.00 | 36.59 -0.18 0.00 | 42.06 -0.42 0.00 | 44.70 -0.54 0.00 | 41.12 -0.58 0.00 | 37.85 -0.54 0.00 | 37.80 -0.15 0.00 | 36.26 -0.04 0.00 | 35.68 0.21 0.00 |
| LEDERLE____ 23769 | 36.99 1.69 0.00 | 34.10 1.59 0.00 | 33.63 1.51 0.00 | 34.37 1.48 0.00 | 34.58 1.55 0.00 | 37.36 1.71 0.00 | 47.58 2.78 0.00 | 54.30 3.17 0.00 | 44.50 2.64 0.00 | 39.71 1.96 0.00 | 37.39 1.78 0.00 | 35.78 1.77 0.00 | 35.35 1.75 0.00 | 34.40 1.73 0.00 | 35.18 1.77 0.00 | 36.35 1.80 0.00 | 38.79 2.02 0.00 | 45.31 2.80 -0.02 | 48.35 2.94 -0.17 | 44.38 2.67 -0.01 | 40.80 2.42 0.00 | 39.96 2.01 0.00 | 38.15 1.85 0.00 | 37.13 1.67 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 34.35 -0.95 0.00 | 31.66 -0.85 0.00 | 31.32 -0.80 0.00 | 32.07 -0.82 0.00 | 32.17 -0.86 0.00 | 34.83 -0.82 0.00 | 44.09 -0.72 0.00 | 50.21 -0.92 0.00 | 40.95 -0.92 0.00 | 36.76 -0.98 0.00 | 34.50 -1.10 0.00 | 32.92 -1.09 0.00 | 32.49 -1.11 0.00 | 31.56 -1.11 0.00 | 32.24 -1.17 0.00 | 33.45 -1.11 0.00 | 35.78 -0.99 0.00 | 41.68 -0.81 0.00 | 44.43 -0.81 0.00 | 41.00 -0.71 0.00 | 37.70 -0.69 0.00 | 37.08 -0.87 0.00 | 35.35 -0.94 0.00 | 34.51 -0.96 0.00 |
| LINDEN COGEN____ 23786 | 36.96 1.66 0.00 | 34.17 1.66 0.00 | 33.69 1.57 0.00 | 34.47 1.58 0.00 | 34.58 1.55 0.00 | 37.39 1.75 0.00 | 43.60 3.09 4.29 | 43.30 4.19 12.01 | 42.37 3.14 2.64 | 40.06 2.30 -0.02 | 40.23 2.14 -2.49 | 40.37 2.14 -4.22 | 40.41 2.08 -4.73 | 39.65 2.06 -4.92 | 40.39 2.11 -4.87 | 39.89 2.11 -3.22 | 41.63 2.36 -2.50 | 42.26 3.10 3.33 | 48.28 3.30 0.26 | 42.72 3.00 1.98 | 41.89 2.77 -0.75 | 41.50 2.32 -1.23 | 39.41 2.14 -0.97 | 37.46 1.98 -0.01 |
| LINDHRST_69_KV_BK1 356055 | 45.23 2.97 -6.96 | 42.03 2.76 -6.76 | 40.09 2.63 -5.34 | 41.12 2.63 -5.59 | 43.52 2.71 -7.79 | 47.30 2.99 -8.66 | 57.22 4.57 -7.84 | 61.27 5.21 -4.93 | 54.40 4.44 -8.09 | 51.45 3.51 -10.20 | 47.72 3.28 -8.84 | 45.89 3.23 -8.65 | 44.80 3.16 -8.04 | 42.95 3.10 -7.17 | 44.02 3.17 -7.43 | 45.14 3.25 -7.33 | 54.07 3.64 -13.66 | 68.28 4.72 -21.07 | 67.41 5.02 -17.14 | 60.91 4.55 -14.67 | 52.67 4.15 -10.14 | 51.23 3.64 -9.63 | 45.04 3.30 -5.45 | 41.84 3.12 -3.26 |
| LIPA_MISC_IPP 23656 | 45.37 3.11 -6.96 | 42.19 2.93 -6.76 | 40.25 2.79 -5.34 | 41.28 2.80 -5.59 | 43.72 2.91 -7.79 | 47.48 3.17 -8.66 | 57.62 4.97 -7.84 | 61.68 5.62 -4.93 | 54.65 4.69 -8.10 | 51.60 3.66 -10.20 | 47.90 3.45 -8.84 | 46.06 3.40 -8.65 | 44.97 3.33 -8.04 | 43.11 3.27 -7.17 | 44.19 3.34 -7.43 | 45.31 3.42 -7.33 | 54.33 3.90 -13.66 | 68.66 5.10 -21.07 | 67.74 5.38 -17.12 | 61.29 4.92 -14.67 | 52.98 4.45 -10.14 | 51.46 3.87 -9.63 | 45.23 3.48 -5.45 | 42.05 3.33 -3.26 |
| LISF____SOLAR 323691 | 45.44 3.18 -6.96 | 42.29 3.02 -6.76 | 40.38 2.92 -5.34 | 41.45 2.96 -5.59 | 43.79 2.97 -7.79 | 47.58 3.28 -8.66 | 57.93 5.28 -7.84 | 62.60 6.55 -4.93 | 54.90 4.94 -8.10 | 51.71 3.77 -10.20 | 47.97 3.53 -8.84 | 46.13 3.47 -8.65 | 45.07 3.43 -8.04 | 43.14 3.30 -7.17 | 44.26 3.41 -7.43 | 45.34 3.46 -7.33 | 54.40 3.97 -13.66 | 68.78 5.22 -21.07 | 67.88 5.52 -17.12 | 61.37 5.00 -14.67 | 53.05 4.53 -10.14 | 51.61 4.02 -9.63 | 45.30 3.56 -5.45 | 42.12 3.40 -3.26 |
| LITTLE FALLS____HYD 24013 | 35.97 0.67 0.00 | 33.13 0.62 0.00 | 32.76 0.64 0.00 | 33.55 0.66 0.00 | 33.75 0.73 0.00 | 36.47 0.82 0.00 | 46.06 1.25 0.00 | 52.35 1.23 0.00 | 42.79 0.92 0.00 | 38.42 0.68 0.00 | 36.18 0.57 0.00 | 34.62 0.61 0.00 | 34.17 0.57 0.00 | 33.26 0.59 0.00 | 34.01 0.60 0.00 | 35.18 0.62 0.00 | 37.47 0.70 0.00 | 43.42 0.93 0.00 | 46.24 1.00 0.00 | 42.62 0.92 0.00 | 39.23 0.84 0.00 | 38.78 0.83 0.00 | 37.06 0.76 0.00 | 36.21 0.74 0.00 |
| LITTLRIV_115KV_TB1 356100 | 35.94 0.64 0.00 | 32.87 0.36 0.00 | 32.54 0.42 0.00 | 33.45 0.56 0.00 | 33.69 0.66 0.00 | 36.14 0.50 0.00 | 44.94 0.13 0.00 | 51.64 0.51 0.00 | 42.20 0.33 0.00 | 38.46 0.72 0.00 | 36.18 0.57 0.00 | 34.25 0.24 0.00 | 33.70 0.10 0.00 | 32.80 0.13 0.00 | 33.51 0.10 0.00 | 34.69 0.14 0.00 | 37.06 0.29 0.00 | 42.79 0.30 0.00 | 45.47 0.23 0.00 | 41.87 0.17 0.00 | 38.50 0.12 0.00 | 38.41 0.46 0.00 | 36.84 0.54 0.00 | 36.21 0.74 0.00 |

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|---------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| LI_NEWBRDGE___DRP 323616 | 44.52 2.26 -6.96 | 41.38 2.11 -6.76 | 39.45 1.99 -5.34 | 40.49 2.01 -5.59 | 42.90 2.08 -7.79 | 46.55 2.25 -8.66 | 56.10 3.45 -7.84 | 60.04 3.99 -4.93 | 53.40 3.43 -8.10 | 50.62 2.68 -10.20 | 46.93 2.49 -8.84 | 45.14 2.48 -8.65 | 44.06 2.42 -8.04 | 42.26 2.42 -7.17 | 43.32 2.47 -7.43 | 44.38 2.49 -7.34 | 53.15 2.72 -13.66 | 67.13 3.57 -21.08 | 66.20 3.80 -17.16 | 59.83 3.46 -14.67 | 51.67 3.15 -10.14 | 50.28 2.69 -9.64 | 44.25 2.50 -5.45 | 41.10 2.38 -3.26 |
| LOCKPORT_115KV_TB60_63_64 80432 | 31.88 -3.42 0.00 | 29.62 -2.89 0.00 | 29.49 -2.63 0.00 | 30.26 -2.63 0.00 | 29.86 -3.17 0.00 | 32.94 -2.71 0.00 | 40.94 -3.85 0.01 | 45.39 -5.73 0.01 | 37.46 -4.40 0.01 | 33.59 -4.15 0.00 | 31.72 -3.88 0.00 | 30.27 -3.74 0.00 | 30.01 -3.60 0.00 | 29.05 -3.63 0.00 | 29.66 -3.74 0.01 | 30.78 -3.77 0.01 | 32.12 -4.60 0.06 | 37.55 -4.93 0.01 | 40.03 -5.20 0.01 | 36.81 -4.88 0.01 | 34.07 -4.30 0.01 | 32.79 -4.82 0.34 | 31.92 -4.32 0.06 | 31.63 -3.83 0.00 |
| LOCKPORT___CC1 323769 | 31.88 -3.42 0.00 | 29.36 -3.15 0.00 | 29.01 -3.12 0.00 | 29.80 -3.09 0.00 | 29.89 -3.14 0.00 | 32.76 -2.89 0.00 | 40.09 -4.70 0.01 | 45.24 -5.88 0.01 | 37.00 -4.86 0.01 | 33.59 -4.15 0.00 | 31.76 -3.85 0.00 | 30.30 -3.71 0.00 | 30.07 -3.53 0.00 | 29.04 -3.63 0.00 | 29.73 -3.68 0.01 | 30.78 -3.77 0.01 | 32.15 -4.56 0.06 | 37.55 -4.93 0.01 | 39.98 -5.25 0.01 | 36.98 -4.71 0.01 | 34.11 -4.26 0.01 | 32.79 -4.82 0.34 | 31.92 -4.32 0.06 | 31.67 -3.79 0.00 |
| LOCKPORT___CC2 323770 | 31.88 -3.42 0.00 | 29.36 -3.15 0.00 | 29.01 -3.12 0.00 | 29.80 -3.09 0.00 | 29.89 -3.14 0.00 | 32.76 -2.89 0.00 | 40.09 -4.70 0.01 | 45.24 -5.88 0.01 | 37.00 -4.86 0.01 | 33.59 -4.15 0.00 | 31.76 -3.85 0.00 | 30.30 -3.71 0.00 | 30.07 -3.53 0.00 | 29.04 -3.63 0.00 | 29.73 -3.68 0.01 | 30.78 -3.77 0.01 | 32.15 -4.56 0.06 | 37.55 -4.93 0.01 | 39.98 -5.25 0.01 | 36.98 -4.71 0.01 | 34.11 -4.26 0.01 | 32.79 -4.82 0.34 | 31.92 -4.32 0.06 | 31.67 -3.79 0.00 |
| LOCKPORT___CC3 323771 | 31.88 -3.42 0.00 | 29.36 -3.15 0.00 | 29.01 -3.12 0.00 | 29.80 -3.09 0.00 | 29.89 -3.14 0.00 | 32.76 -2.89 0.00 | 40.09 -4.70 0.01 | 45.24 -5.88 0.01 | 37.00 -4.86 0.01 | 33.59 -4.15 0.00 | 31.76 -3.85 0.00 | 30.30 -3.71 0.00 | 30.07 -3.53 0.00 | 29.04 -3.63 0.00 | 29.73 -3.68 0.01 | 30.78 -3.77 0.01 | 32.15 -4.56 0.06 | 37.55 -4.93 0.01 | 39.98 -5.25 0.01 | 36.98 -4.71 0.01 | 34.11 -4.26 0.01 | 32.79 -4.82 0.34 | 31.92 -4.32 0.06 | 31.67 -3.79 0.00 |
| LONG_LAKE_PHOENIX 24014 | 33.92 -1.38 0.00 | 31.27 -1.24 0.00 | 30.93 -1.19 0.00 | 31.68 -1.22 0.00 | 31.74 -1.29 0.00 | 34.43 -1.21 0.00 | 43.55 -1.25 0.00 | 49.55 -1.58 0.00 | 41.03 -0.84 0.00 | 36.73 -1.02 0.00 | 34.54 -1.07 0.00 | 32.92 -1.09 0.00 | 32.53 -1.08 0.00 | 31.56 -1.11 0.00 | 32.30 -1.10 0.01 | 33.48 -1.07 0.01 | 35.42 -1.36 -0.01 | 41.13 -1.36 0.00 | 43.84 -1.40 0.00 | 40.45 -1.25 0.00 | 37.24 -1.15 0.00 | 36.63 -1.37 -0.04 | 34.85 -1.45 -0.01 | 34.05 -1.42 0.00 |
| LOVETT___3 23632 | 36.85 1.55 0.00 | 33.97 1.46 0.00 | 33.50 1.38 0.00 | 34.24 1.35 0.00 | 34.45 1.42 0.00 | 37.21 1.57 0.00 | 47.36 2.55 0.00 | 54.04 2.91 0.00 | 44.30 2.43 0.00 | 39.52 1.77 0.00 | 37.24 1.64 0.00 | 35.64 1.63 0.00 | 35.21 1.61 0.00 | 34.31 1.63 0.00 | 35.05 1.64 0.00 | 36.18 1.62 0.00 | 38.61 1.84 0.00 | 45.10 2.59 -0.02 | 48.13 2.71 -0.18 | 44.18 2.46 -0.02 | 40.61 2.23 0.00 | 39.77 1.82 0.00 | 37.96 1.67 0.00 | 36.99 1.52 0.00 |
| LOVETT___4 23642 | 36.85 1.55 0.00 | 33.97 1.46 0.00 | 33.50 1.38 0.00 | 34.24 1.35 0.00 | 34.45 1.42 0.00 | 37.21 1.57 0.00 | 47.36 2.55 0.00 | 54.04 2.91 0.00 | 44.30 2.43 0.00 | 39.52 1.77 0.00 | 37.24 1.64 0.00 | 35.64 1.63 0.00 | 35.21 1.61 0.00 | 34.31 1.63 0.00 | 35.05 1.64 0.00 | 36.18 1.62 0.00 | 38.61 1.84 0.00 | 45.10 2.59 -0.02 | 48.13 2.71 -0.18 | 44.18 2.46 -0.02 | 40.61 2.23 0.00 | 39.77 1.82 0.00 | 37.96 1.67 0.00 | 36.99 1.52 0.00 |
| LOVETT___5 23593 | 36.85 1.55 0.00 | 33.97 1.46 0.00 | 33.50 1.38 0.00 | 34.24 1.35 0.00 | 34.45 1.42 0.00 | 37.21 1.57 0.00 | 47.36 2.55 0.00 | 54.04 2.91 0.00 | 44.30 2.43 0.00 | 39.52 1.77 0.00 | 37.24 1.64 0.00 | 35.64 1.63 0.00 | 35.21 1.61 0.00 | 34.31 1.63 0.00 | 35.05 1.64 0.00 | 36.18 1.62 0.00 | 38.61 1.84 0.00 | 45.10 2.59 -0.02 | 48.13 2.71 -0.18 | 44.18 2.46 -0.02 | 40.61 2.23 0.00 | 39.77 1.82 0.00 | 37.96 1.67 0.00 | 36.99 1.52 0.00 |
| LOWER RAQUET___HYD 24057 | 35.34 0.04 0.00 | 32.35 -0.16 0.00 | 32.02 -0.10 0.00 | 32.89 0.00 0.00 | 33.09 0.07 0.00 | 35.47 -0.18 0.00 | 44.00 -0.81 0.00 | 50.00 -1.13 0.00 | 41.28 -0.59 0.00 | 37.63 -0.11 0.00 | 35.43 -0.18 0.00 | 33.57 -0.44 0.00 | 33.16 -0.44 0.00 | 32.28 -0.39 0.00 | 32.98 -0.44 0.00 | 34.18 -0.38 0.00 | 36.44 -0.33 0.00 | 41.93 -0.55 0.00 | 44.56 -0.68 0.00 | 41.03 -0.67 0.00 | 37.73 -0.65 0.00 | 37.65 -0.30 0.00 | 36.19 -0.11 0.00 | 35.61 0.14 0.00 |
| LOWER___HUDSON 24059 | 36.54 1.23 0.00 | 33.65 1.14 0.00 | 33.24 1.12 0.00 | 34.05 1.15 0.00 | 34.15 1.12 0.00 | 36.97 1.32 0.00 | 46.82 2.02 0.00 | 53.68 2.56 0.00 | 43.67 1.80 0.00 | 38.99 1.24 0.00 | 36.74 1.14 0.00 | 35.17 1.16 0.00 | 34.71 1.11 0.00 | 33.75 1.08 0.00 | 34.55 1.14 0.00 | 35.69 1.14 0.00 | 38.02 1.25 0.00 | 44.23 1.74 0.00 | 47.18 1.94 0.00 | 43.45 1.75 0.00 | 40.00 1.61 0.00 | 39.31 1.36 0.00 | 37.49 1.20 0.00 | 36.63 1.17 0.00 |
| LOWVILLE_115KV_TB2 356335 | 35.87 0.56 0.00 | 32.96 0.46 0.00 | 32.57 0.45 0.00 | 33.42 0.53 0.00 | 33.66 0.63 0.00 | 36.43 0.78 0.00 | 46.06 1.25 0.00 | 52.61 1.48 0.00 | 42.79 0.92 0.00 | 38.42 0.68 0.00 | 35.93 0.32 0.00 | 34.15 0.14 0.00 | 33.67 0.07 0.00 | 32.74 0.07 0.00 | 33.51 0.10 0.00 | 34.80 0.24 0.00 | 37.39 0.63 0.01 | 43.64 1.15 0.00 | 46.51 1.27 0.00 | 42.83 1.13 0.00 | 39.34 0.96 0.00 | 38.67 0.76 0.04 | 36.87 0.58 0.01 | 36.03 0.57 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 36.75 1.45 0.00 | 33.84 1.33 0.00 | 33.41 1.28 0.00 | 34.21 1.32 0.00 | 34.38 1.35 0.00 | 37.18 1.53 0.00 | 47.22 2.42 0.00 | 53.84 2.71 0.00 | 44.00 2.14 0.00 | 39.25 1.51 0.00 | 36.89 1.28 0.00 | 35.30 1.29 0.00 | 34.81 1.21 0.00 | 33.82 1.14 0.00 | 34.65 1.24 0.00 | 35.83 1.28 0.00 | 38.24 1.47 0.00 | 44.49 2.00 0.00 | 47.55 2.31 0.00 | 43.83 2.13 0.00 | 40.34 1.96 0.00 | 39.58 1.63 0.00 | 37.78 1.49 0.00 | 36.88 1.42 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 36.75 1.45 0.00 | 33.87 1.37 0.00 | 33.44 1.32 0.00 | 34.24 1.35 0.00 | 34.41 1.39 0.00 | 37.18 1.53 0.00 | 47.27 2.46 0.00 | 53.89 2.76 0.00 | 44.04 2.18 0.00 | 39.25 1.51 0.00 | 36.92 1.32 0.00 | 35.30 1.29 0.00 | 34.81 1.21 0.00 | 33.85 1.18 0.00 | 34.65 1.24 0.00 | 35.87 1.31 0.00 | 38.28 1.51 0.00 | 44.53 2.04 0.00 | 47.59 2.35 0.00 | 43.87 2.17 0.00 | 40.38 2.00 0.00 | 39.62 1.67 0.00 | 37.78 1.49 0.00 | 36.88 1.42 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 35.23 -0.07 0.00 | 32.31 -0.20 0.00 | 31.96 -0.16 0.00 | 32.80 -0.10 0.00 | 33.03 0.00 0.00 | 35.57 -0.07 0.00 | 44.58 -0.22 0.00 | 51.02 -0.10 0.00 | 41.62 -0.25 0.00 | 37.63 -0.11 0.00 | 35.29 -0.32 0.00 | 33.50 -0.51 0.00 | 33.03 -0.57 0.00 | 32.15 -0.52 0.00 | 32.88 -0.53 0.00 | 34.07 -0.48 0.00 | 36.55 -0.22 0.00 | 42.36 -0.13 0.00 | 45.10 -0.14 0.00 | 41.53 -0.17 0.00 | 38.19 -0.19 0.00 | 37.84 -0.11 0.00 | 36.15 -0.15 0.00 | 35.46 0.00 0.00 |

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| LYONS_FALL_HYD 23570 | 36.08 0.78 0.00 | 33.16 0.65 0.00 | 32.76 0.64 0.00 | 33.59 0.69 0.00 | 33.82 0.79 0.00 | 36.61 0.96 0.00 | 46.28 1.48 0.00 | 52.91 1.79 0.00 | 43.08 1.21 0.00 | 38.69 0.94 0.00 | 36.21 0.60 0.00 | 34.45 0.44 0.00 | 33.97 0.37 0.00 | 33.03 0.36 0.00 | 33.81 0.40 0.00 | 35.07 0.52 0.00 | 37.61 0.85 0.01 | 43.85 1.36 0.00 | 46.73 1.49 0.00 | 43.03 1.33 0.00 | 39.57 1.19 0.00 | 38.89 0.99 0.05 | 37.08 0.80 0.01 | 36.24 0.78 0.00 |
| MADISON___COUNTY_LFGE 323628 | 36.25 0.95 0.00 | 33.42 0.91 0.00 | 33.02 0.90 0.00 | 33.85 0.95 0.00 | 34.02 0.99 0.00 | 36.96 1.32 0.00 | 46.82 2.02 0.00 | 53.27 2.15 0.00 | 43.50 1.63 0.00 | 38.99 1.25 0.00 | 36.53 0.93 0.00 | 34.79 0.78 0.00 | 34.34 0.74 0.00 | 33.36 0.69 0.00 | 34.15 0.74 0.00 | 35.38 0.83 0.00 | 37.85 1.10 0.02 | 44.10 1.61 0.00 | 46.96 1.72 0.00 | 43.29 1.58 0.00 | 39.84 1.46 0.00 | 38.98 1.14 0.11 | 37.22 0.94 0.02 | 36.42 0.96 0.00 |
| MALONE___115KV_TB1 356076 | 36.75 1.45 0.00 | 33.52 1.01 0.00 | 33.24 1.12 0.00 | 34.18 1.28 0.00 | 34.38 1.35 0.00 | 37.00 1.35 0.00 | 45.97 1.16 0.00 | 52.61 1.48 0.00 | 43.04 1.17 0.00 | 39.33 1.59 0.00 | 36.99 1.39 0.00 | 34.96 0.95 0.00 | 34.68 1.08 0.00 | 33.78 1.11 0.00 | 34.52 1.10 0.00 | 35.70 1.14 0.00 | 38.17 1.40 0.00 | 43.93 1.44 0.00 | 46.55 1.31 0.00 | 42.87 1.17 0.00 | 39.42 1.04 0.00 | 39.35 1.40 0.00 | 37.49 1.20 0.00 | 37.13 1.67 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 36.29 0.99 0.00 | 33.45 0.94 0.00 | 33.02 0.90 0.00 | 33.78 0.89 0.00 | 33.95 0.92 0.00 | 36.68 1.03 0.00 | 46.42 1.61 0.00 | 52.97 1.84 0.00 | 43.37 1.51 0.00 | 38.73 0.98 0.00 | 36.46 0.85 0.00 | 34.96 0.95 0.00 | 34.51 0.91 0.00 | 33.59 0.91 0.00 | 34.38 0.97 0.00 | 35.52 0.97 0.00 | 37.80 1.03 0.00 | 43.93 1.44 0.00 | 46.91 1.67 0.00 | 43.20 1.50 0.00 | 39.77 1.38 0.00 | 39.05 1.10 0.00 | 37.24 0.94 0.00 | 36.39 0.92 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 35.16 -0.14 0.00 | 32.35 -0.16 0.00 | 31.99 -0.13 0.00 | 32.76 -0.13 0.00 | 32.90 -0.13 0.00 | 35.47 -0.18 0.00 | 44.45 -0.36 0.00 | 50.61 -0.51 0.00 | 41.66 -0.21 0.00 | 37.78 0.04 0.00 | 35.71 0.11 0.00 | 34.08 0.07 0.00 | 33.67 0.07 0.00 | 32.74 0.07 0.00 | 33.48 0.07 0.00 | 34.62 0.07 0.00 | 36.81 0.04 0.00 | 42.36 -0.13 0.00 | 45.06 -0.18 0.00 | 41.53 -0.17 0.00 | 38.27 -0.11 0.00 | 37.99 0.04 0.00 | 36.37 0.07 0.00 | 35.57 0.11 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 35.16 -0.14 0.00 | 32.35 -0.16 0.00 | 31.99 -0.13 0.00 | 32.76 -0.13 0.00 | 32.90 -0.13 0.00 | 35.47 -0.18 0.00 | 44.45 -0.36 0.00 | 50.61 -0.51 0.00 | 41.66 -0.21 0.00 | 37.78 0.04 0.00 | 35.71 0.11 0.00 | 34.08 0.07 0.00 | 33.67 0.07 0.00 | 32.74 0.07 0.00 | 33.48 0.07 0.00 | 34.62 0.07 0.00 | 36.81 0.04 0.00 | 42.36 -0.13 0.00 | 45.06 -0.18 0.00 | 41.53 -0.17 0.00 | 38.27 -0.11 0.00 | 37.99 0.04 0.00 | 36.37 0.07 0.00 | 35.57 0.11 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 36.57 1.27 0.00 | 33.42 0.91 0.00 | 33.12 1.00 0.00 | 34.01 1.12 0.00 | 34.15 1.12 0.00 | 36.82 1.17 0.00 | 45.57 0.76 0.00 | 51.64 0.51 0.00 | 42.66 0.79 0.00 | 38.99 1.24 0.00 | 36.78 1.17 0.00 | 34.82 0.81 0.00 | 34.54 0.94 0.00 | 33.62 0.95 0.00 | 34.35 0.93 0.00 | 35.59 1.04 0.00 | 37.95 1.18 0.00 | 43.59 1.10 0.00 | 46.19 0.95 0.00 | 42.53 0.83 0.00 | 39.15 0.77 0.00 | 39.01 1.06 0.00 | 37.28 0.98 0.00 | 36.95 1.49 0.00 |
| MARSHVLE_115KV_TB1 80742 | 37.77 2.47 0.00 | 34.85 2.34 0.00 | 34.40 2.28 0.00 | 35.26 2.37 0.00 | 35.50 2.48 0.00 | 38.57 2.92 0.00 | 49.29 4.48 0.00 | 55.88 4.75 0.00 | 45.51 3.64 0.00 | 40.35 2.60 0.00 | 37.74 2.14 0.00 | 35.95 1.94 0.00 | 35.48 1.88 0.00 | 34.57 1.89 0.00 | 35.45 2.04 0.00 | 36.80 2.25 0.00 | 39.37 2.61 0.01 | 46.01 3.53 0.00 | 49.27 4.03 0.00 | 45.33 3.63 0.00 | 41.76 3.38 0.00 | 40.95 3.04 0.03 | 38.98 2.69 0.01 | 37.98 2.52 0.00 |
| MARSH_HILL_WT_PWR 323713 | 35.76 0.46 0.00 | 33.03 0.52 0.00 | 32.67 0.55 0.00 | 33.45 0.56 0.00 | 33.62 0.60 0.00 | 36.75 1.11 0.00 | 46.26 1.43 -0.02 | 52.63 1.48 -0.02 | 42.94 1.05 -0.02 | 38.54 0.79 0.00 | 36.25 0.64 0.00 | 34.45 0.44 0.00 | 34.04 0.44 0.00 | 32.93 0.26 0.00 | 33.71 0.30 0.01 | 35.00 0.45 0.01 | 37.10 0.37 0.04 | 43.53 1.02 -0.02 | 46.26 0.99 -0.02 | 42.85 1.13 -0.02 | 39.48 1.07 -0.02 | 37.99 0.27 0.23 | 36.37 0.11 0.04 | 36.07 0.60 0.00 |
| MCINTYRE_115KV_TB2 80467 | 36.25 0.95 0.00 | 33.19 0.68 0.00 | 32.86 0.74 0.00 | 33.75 0.86 0.00 | 33.95 0.92 0.00 | 36.43 0.78 0.00 | 45.34 0.54 0.00 | 51.84 0.72 0.00 | 42.33 0.46 0.00 | 38.61 0.87 0.00 | 36.39 0.78 0.00 | 34.42 0.41 0.00 | 34.41 0.81 0.00 | 33.49 0.82 0.00 | 34.25 0.84 0.00 | 35.42 0.86 0.00 | 37.84 1.07 0.00 | 43.13 0.64 0.00 | 45.83 0.59 0.00 | 42.20 0.50 0.00 | 38.81 0.42 0.00 | 38.78 0.83 0.00 | 37.17 0.87 0.00 | 36.46 0.99 0.00 |
| MECO___69_KV_BK1 80468 | 39.25 3.95 0.00 | 36.22 3.71 0.00 | 35.78 3.66 0.00 | 36.71 3.82 0.00 | 36.99 3.96 0.00 | 40.21 4.56 0.00 | 51.66 6.86 0.00 | 58.64 7.52 0.00 | 47.52 5.65 0.00 | 41.78 4.04 0.00 | 38.99 3.38 0.00 | 36.93 2.92 0.00 | 36.49 2.89 0.00 | 35.64 2.97 0.00 | 36.65 3.24 0.00 | 38.15 3.59 0.00 | 40.96 4.19 0.00 | 47.93 5.44 0.00 | 51.53 6.29 0.00 | 47.41 5.71 0.00 | 43.72 5.34 0.00 | 42.69 4.74 0.00 | 40.61 4.32 0.00 | 39.47 4.01 0.00 |
| MENANDS___115KV_TB5 355628 | 36.11 0.81 0.00 | 33.29 0.78 0.00 | 32.86 0.74 0.00 | 33.62 0.72 0.00 | 33.79 0.76 0.00 | 36.50 0.86 0.00 | 46.15 1.34 0.00 | 52.66 1.53 0.00 | 43.12 1.26 0.00 | 38.50 0.75 0.00 | 36.28 0.68 0.00 | 34.83 0.82 0.00 | 34.37 0.77 0.00 | 33.46 0.78 0.00 | 34.25 0.84 0.00 | 35.35 0.79 0.00 | 37.61 0.85 0.00 | 43.72 1.23 0.00 | 46.64 1.40 0.00 | 42.95 1.25 0.00 | 39.54 1.15 0.00 | 38.82 0.87 0.00 | 37.06 0.76 0.00 | 36.21 0.74 0.00 |
| MG INDUSTRY___DRP 24185 | 36.29 0.99 0.00 | 33.45 0.94 0.00 | 33.02 0.90 0.00 | 33.78 0.89 0.00 | 33.95 0.92 0.00 | 36.64 1.00 0.00 | 46.28 1.48 0.00 | 52.76 1.64 0.00 | 43.17 1.30 0.00 | 38.61 0.87 0.00 | 36.32 0.71 0.00 | 34.83 0.82 0.00 | 34.37 0.77 0.00 | 33.46 0.78 0.00 | 34.25 0.84 0.00 | 35.38 0.83 0.00 | 37.65 0.88 0.00 | 43.72 1.23 0.00 | 46.64 1.40 0.00 | 42.99 1.29 0.00 | 39.61 1.23 0.00 | 38.94 0.99 0.00 | 37.20 0.91 0.00 | 36.35 0.89 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 35.23 -0.07 0.00 | 32.31 -0.20 0.00 | 31.96 -0.16 0.00 | 32.80 -0.10 0.00 | 33.03 0.00 0.00 | 35.57 -0.07 0.00 | 44.58 -0.22 0.00 | 51.02 -0.10 0.00 | 41.62 -0.25 0.00 | 37.63 -0.11 0.00 | 35.29 -0.32 0.00 | 33.50 -0.51 0.00 | 33.03 -0.57 0.00 | 32.15 -0.52 0.00 | 32.88 -0.53 0.00 | 34.07 -0.48 0.00 | 36.55 -0.22 0.00 | 42.36 -0.13 0.00 | 45.10 -0.14 0.00 | 41.53 -0.17 0.00 | 38.19 -0.19 0.00 | 37.84 -0.11 0.00 | 36.15 -0.15 0.00 | 35.46 0.00 0.00 |
| MID___RAQUETTE_HYD 23851 | 35.34 0.04 0.00 | 32.35 -0.16 0.00 | 32.02 -0.10 0.00 | 32.89 0.00 0.00 | 33.09 0.07 0.00 | 35.47 -0.18 0.00 | 44.00 -0.81 0.00 | 50.46 -0.66 0.00 | 41.24 -0.63 0.00 | 37.63 -0.11 0.00 | 35.43 -0.18 0.00 | 33.57 -0.44 0.00 | 33.16 -0.44 0.00 | 32.28 -0.39 0.00 | 32.98 -0.43 0.00 | 34.14 -0.41 0.00 | 36.44 -0.33 0.00 | 41.94 -0.55 0.00 | 44.56 -0.68 0.00 | 41.03 -0.67 0.00 | 37.73 -0.65 0.00 | 37.68 -0.27 0.00 | 36.19 -0.11 0.00 | 35.61 0.14 0.00 |

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| MILLIKEN___1 23584 | 35.55 0.25 0.00 | 32.80 0.29 0.00 | 32.44 0.32 0.00 | 33.22 0.33 0.00 | 33.32 0.30 0.00 | 36.25 0.61 0.00 | 45.99 1.16 -0.01 | 52.17 1.02 -0.02 | 42.68 0.80 -0.02 | 38.12 0.38 0.00 | 35.82 0.21 0.00 | 34.11 0.10 0.00 | 33.70 0.10 0.00 | 32.67 0.00 0.00 | 33.44 0.03 0.00 | 34.72 0.17 0.00 | 37.08 0.33 0.02 | 43.31 0.81 -0.02 | 46.16 0.90 -0.02 | 42.64 0.92 -0.02 | 39.25 0.84 -0.02 | 38.19 0.38 0.14 | 36.45 0.18 0.02 | 35.75 0.28 0.00 |
| MILLIKEN___2 23585 | 35.55 0.25 0.00 | 32.80 0.29 0.00 | 32.44 0.32 0.00 | 33.22 0.33 0.00 | 33.32 0.30 0.00 | 36.25 0.61 0.00 | 45.99 1.16 -0.01 | 52.17 1.02 -0.02 | 42.68 0.80 -0.02 | 38.12 0.38 0.00 | 35.82 0.21 0.00 | 34.11 0.10 0.00 | 33.70 0.10 0.00 | 32.67 0.00 0.00 | 33.44 0.03 0.00 | 34.72 0.17 0.00 | 37.08 0.33 0.02 | 43.31 0.81 -0.02 | 46.16 0.90 -0.02 | 42.64 0.92 -0.02 | 39.25 0.84 -0.02 | 38.19 0.38 0.14 | 36.45 0.18 0.02 | 35.75 0.28 0.00 |
| MILLIKEN___DIESEL 23629 | 35.55 0.25 0.00 | 32.80 0.29 0.00 | 32.44 0.32 0.00 | 33.22 0.33 0.00 | 33.32 0.30 0.00 | 36.25 0.61 0.00 | 45.99 1.16 -0.01 | 52.17 1.02 -0.02 | 42.68 0.80 -0.02 | 38.12 0.38 0.00 | 35.82 0.21 0.00 | 34.11 0.10 0.00 | 33.70 0.10 0.00 | 32.67 0.00 0.00 | 33.44 0.03 0.00 | 34.72 0.17 0.00 | 37.08 0.33 0.02 | 43.31 0.81 -0.02 | 46.16 0.90 -0.02 | 42.64 0.92 -0.02 | 39.25 0.84 -0.02 | 38.19 0.38 0.14 | 36.45 0.18 0.02 | 35.75 0.28 0.00 |
| MILLSEAT___LFGE 323607 | 32.62 -2.68 0.00 | 30.01 -2.50 0.00 | 29.62 -2.51 0.00 | 30.39 -2.50 0.00 | 30.45 -2.58 0.00 | 33.40 -2.24 0.00 | 41.17 -3.63 0.01 | 46.56 -4.55 0.01 | 38.04 -3.81 0.01 | 34.42 -3.32 0.00 | 32.40 -3.20 0.00 | 30.88 -3.13 0.00 | 30.61 -2.99 0.00 | 29.57 -3.10 0.00 | 30.26 -3.14 0.01 | 31.37 -3.18 0.01 | 33.00 -3.71 0.06 | 38.57 -3.91 0.01 | 41.11 -4.12 0.01 | 38.06 -3.63 0.01 | 35.07 -3.30 0.01 | 33.70 -3.91 0.34 | 32.68 -3.56 0.06 | 32.27 -3.19 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 37.03 1.73 0.00 | 34.13 1.63 0.00 | 33.63 1.51 0.00 | 34.41 1.51 0.00 | 34.58 1.55 0.00 | 37.32 1.68 0.00 | 47.54 2.73 0.00 | 54.30 3.17 0.00 | 44.59 2.72 0.00 | 39.78 2.04 0.00 | 37.49 1.89 0.00 | 35.91 1.90 0.00 | 35.48 1.88 0.00 | 34.53 1.86 0.00 | 35.32 1.90 0.00 | 36.46 1.90 0.00 | 38.90 2.13 0.00 | 45.41 2.89 -0.03 | 48.58 3.08 -0.26 | 44.52 2.79 -0.02 | 40.92 2.53 0.00 | 40.04 2.09 0.00 | 38.22 1.92 0.00 | 37.24 1.77 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 37.10 1.80 0.00 | 34.20 1.69 0.00 | 33.73 1.61 0.00 | 34.51 1.61 0.00 | 34.65 1.62 0.00 | 37.39 1.75 0.00 | 47.63 2.82 0.00 | 54.45 3.32 0.00 | 44.71 2.85 0.00 | 39.90 2.15 0.00 | 37.60 1.99 0.00 | 35.98 1.97 0.00 | 35.52 1.92 0.00 | 34.57 1.89 0.00 | 35.35 1.94 0.00 | 36.52 1.97 0.00 | 38.98 2.21 0.00 | 45.50 2.97 -0.03 | 48.72 3.21 -0.26 | 44.64 2.92 -0.02 | 40.99 2.61 0.00 | 40.11 2.16 0.00 | 38.29 2.00 0.00 | 37.31 1.84 0.00 |
| MODEL_CITY_ENERGY 24167 | 31.49 -3.81 0.00 | 29.00 -3.51 0.00 | 28.65 -3.47 0.00 | 29.41 -3.49 0.00 | 29.53 -3.50 0.00 | 32.37 -3.28 0.00 | 39.55 -5.24 0.01 | 44.62 -6.49 0.01 | 36.50 -5.36 0.01 | 33.14 -4.61 0.00 | 31.33 -4.27 0.00 | 29.89 -4.12 0.00 | 29.67 -3.93 0.00 | 28.68 -3.99 0.00 | 29.36 -4.04 0.01 | 30.40 -4.15 0.01 | 31.79 -4.93 0.06 | 37.04 -5.44 0.01 | 39.44 -5.79 0.01 | 36.52 -5.17 0.01 | 33.65 -4.72 0.01 | 32.41 -5.20 0.34 | 31.56 -4.68 0.06 | 31.24 -4.22 0.00 |
| MODERN_LFGE___ 323580 | 31.49 -3.81 0.00 | 29.00 -3.51 0.00 | 28.65 -3.47 0.00 | 29.41 -3.49 0.00 | 29.53 -3.50 0.00 | 32.37 -3.28 0.00 | 39.55 -5.24 0.01 | 44.62 -6.49 0.01 | 36.50 -5.36 0.01 | 33.14 -4.61 0.00 | 31.33 -4.27 0.00 | 29.89 -4.12 0.00 | 29.67 -3.93 0.00 | 28.68 -3.99 0.00 | 29.36 -4.04 0.01 | 30.40 -4.15 0.01 | 31.79 -4.93 0.06 | 37.04 -5.44 0.01 | 39.44 -5.79 0.01 | 36.52 -5.17 0.01 | 33.65 -4.72 0.01 | 32.41 -5.20 0.34 | 31.56 -4.68 0.06 | 31.24 -4.22 0.00 |
| MOHAWK_PAPER___DRP 24187 | 36.29 0.99 0.00 | 33.45 0.94 0.00 | 33.02 0.90 0.00 | 33.78 0.89 0.00 | 33.95 0.92 0.00 | 36.68 1.03 0.00 | 46.42 1.61 0.00 | 52.97 1.84 0.00 | 43.37 1.51 0.00 | 38.73 0.98 0.00 | 36.46 0.85 0.00 | 34.96 0.95 0.00 | 34.51 0.91 0.00 | 33.59 0.91 0.00 | 34.38 0.97 0.00 | 35.52 0.97 0.00 | 37.80 1.03 0.00 | 43.93 1.44 0.00 | 46.91 1.67 0.00 | 43.20 1.50 0.00 | 39.77 1.38 0.00 | 39.05 1.10 0.00 | 37.24 0.94 0.00 | 36.39 0.92 0.00 |
| MOHICAN__35_KV_115KV_LD 80490 | 36.43 1.13 0.00 | 33.55 1.04 0.00 | 33.12 1.00 0.00 | 33.91 1.02 0.00 | 34.12 1.09 0.00 | 36.86 1.21 0.00 | 47.05 2.24 0.00 | 53.73 2.61 0.00 | 43.84 1.97 0.00 | 39.03 1.28 0.00 | 36.60 1.00 0.00 | 35.00 0.99 0.00 | 34.47 0.87 0.00 | 33.42 0.75 0.00 | 34.28 0.87 0.00 | 35.49 0.93 0.00 | 37.95 1.18 0.00 | 44.19 1.70 0.00 | 47.32 2.08 0.00 | 43.58 1.88 0.00 | 40.15 1.77 0.00 | 39.32 1.37 0.00 | 37.46 1.16 0.00 | 36.49 1.03 0.00 |
| MONGAUP___HYD 23641 | 36.61 1.31 0.00 | 33.74 1.24 0.00 | 33.31 1.19 0.00 | 34.08 1.18 0.00 | 34.18 1.16 0.00 | 36.97 1.32 0.00 | 46.91 2.11 0.00 | 53.88 2.76 0.00 | 43.71 1.84 0.00 | 39.14 1.40 0.00 | 36.74 1.14 0.00 | 35.10 1.09 0.00 | 34.64 1.04 0.00 | 33.72 1.05 0.00 | 34.55 1.14 0.00 | 35.69 1.14 0.00 | 38.24 1.47 0.00 | 44.45 1.96 -0.01 | 47.41 2.08 -0.09 | 43.50 1.79 -0.01 | 40.34 1.96 0.00 | 39.51 1.56 0.00 | 37.67 1.38 0.00 | 36.70 1.24 0.00 |
| MONTAUK___DIESEL 23721 | 46.29 4.02 -6.96 | 43.04 3.77 -6.76 | 41.12 3.66 -5.34 | 42.17 3.68 -5.59 | 44.61 3.80 -7.79 | 48.51 4.21 -8.66 | 59.14 6.50 -7.84 | 63.42 7.36 -4.93 | 55.95 5.99 -8.10 | 52.70 4.76 -10.20 | 48.93 4.49 -8.84 | 47.02 4.35 -8.65 | 45.88 4.23 -8.04 | 43.93 4.08 -7.17 | 45.02 4.18 -7.43 | 46.21 4.32 -7.33 | 55.43 5.00 -13.66 | 70.10 6.54 -21.07 | 69.28 6.92 -17.12 | 62.66 6.30 -14.67 | 54.17 5.64 -10.14 | 52.56 4.97 -9.63 | 46.21 4.46 -5.45 | 42.98 4.26 -3.26 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 33.54 -1.77 0.00 | 31.18 -1.33 0.00 | 31.00 -1.12 0.00 | 31.87 -1.02 0.00 | 31.57 -1.45 0.00 | 34.86 -0.78 0.00 | 43.59 -1.21 0.00 | 47.69 -3.43 0.01 | 39.85 -2.01 0.01 | 35.86 -1.89 0.00 | 33.86 -1.74 0.00 | 32.24 -1.77 0.00 | 31.92 -1.68 0.00 | 30.84 -1.83 0.00 | 31.43 -1.97 0.01 | 32.68 -1.87 0.01 | 33.63 -3.09 0.05 | 39.64 -2.85 0.01 | 42.07 -3.17 0.01 | 38.61 -3.09 0.01 | 35.92 -2.46 0.01 | 34.11 -3.53 0.31 | 33.27 -2.98 0.05 | 33.51 -1.95 0.00 |
| MORTIMER_115KV_TB3 55949 | 33.22 -2.08 0.00 | 30.69 -1.82 0.00 | 30.45 -1.67 0.00 | 31.22 -1.68 0.00 | 30.98 -2.05 0.00 | 33.97 -1.68 0.00 | 42.64 -2.15 0.01 | 48.24 -2.86 0.02 | 39.38 -2.47 0.02 | 35.29 -2.45 0.00 | 33.15 -2.46 0.00 | 31.66 -2.35 0.00 | 31.32 -2.28 0.00 | 30.32 -2.35 0.00 | 31.00 -2.41 0.01 | 32.13 -2.42 0.01 | 34.21 -2.50 0.06 | 39.84 -2.63 0.02 | 42.46 -2.76 0.02 | 39.22 -2.46 0.02 | 36.10 -2.26 0.02 | 35.09 -2.50 0.35 | 33.77 -2.47 0.06 | 32.98 -2.48 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.75 1.72 0.00 | 37.50 1.85 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 44.97 3.10 0.00 | 40.14 2.38 -0.02 | 40.34 2.21 -2.53 | 40.51 2.21 -4.29 | 40.59 2.18 -4.81 | 39.83 2.16 -5.00 | 40.57 2.21 -4.95 | 40.08 2.25 -3.28 | 42.85 2.46 -3.62 | 50.49 3.27 -4.73 | 50.43 3.48 -1.71 | 49.05 3.17 -4.18 | 42.72 2.84 -1.49 | 41.63 2.43 -1.25 | 39.54 2.25 -0.99 | 37.59 2.13 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| MUNSVILLE_WIND_PWR 323609 | 39.08 3.78 0.00 | 35.99 3.48 0.00 | 35.56 3.44 0.00 | 36.51 3.62 0.00 | 36.86 3.83 0.00 | 40.14 4.49 0.00 | 51.14 6.32 -0.01 | 58.45 7.31 -0.01 | 47.11 5.23 -0.01 | 41.90 4.15 0.00 | 38.85 3.24 0.00 | 36.76 2.75 0.00 | 36.22 2.62 0.00 | 35.12 2.45 0.00 | 35.98 2.57 0.00 | 37.52 2.97 0.00 | 40.61 3.86 0.02 | 48.07 5.56 -0.01 | 51.27 6.02 -0.01 | 47.26 5.55 -0.01 | 43.42 5.03 -0.01 | 42.12 4.29 0.12 | 40.02 3.74 0.02 | 39.26 3.80 0.00 |
| N SALMON___HYD 24042 | 36.75 1.45 0.00 | 33.52 1.01 0.00 | 33.24 1.12 0.00 | 34.18 1.28 0.00 | 34.31 1.29 0.00 | 37.00 1.35 0.00 | 45.93 1.12 0.00 | 52.09 0.97 0.00 | 43.04 1.17 0.00 | 39.33 1.58 0.00 | 36.99 1.39 0.00 | 34.96 0.95 0.00 | 34.68 1.07 0.00 | 33.78 1.11 0.00 | 34.51 1.10 0.00 | 35.73 1.18 0.00 | 38.17 1.40 0.00 | 43.93 1.45 0.00 | 46.55 1.31 0.00 | 42.87 1.17 0.00 | 39.42 1.04 0.00 | 39.31 1.36 0.00 | 37.49 1.20 0.00 | 37.13 1.67 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 32.62 -2.68 0.00 | 30.20 -2.31 0.00 | 30.06 -2.06 0.00 | 30.85 -2.04 0.00 | 30.45 -2.58 0.00 | 33.58 -2.07 0.00 | 41.93 -2.87 0.01 | 46.66 -4.45 0.01 | 38.42 -3.43 0.01 | 34.42 -3.32 0.00 | 32.40 -3.20 0.00 | 30.88 -3.13 0.00 | 30.61 -2.99 0.00 | 29.57 -3.10 0.00 | 30.23 -3.17 0.01 | 31.37 -3.18 0.01 | 32.93 -3.79 0.06 | 38.57 -3.91 0.01 | 41.11 -4.12 0.01 | 37.85 -3.84 0.01 | 34.99 -3.38 0.01 | 33.66 -3.95 0.34 | 32.65 -3.59 0.06 | 32.24 -3.23 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 44.80 2.54 -6.96 | 41.64 2.37 -6.76 | 39.70 2.25 -5.34 | 40.72 2.24 -5.59 | 43.13 2.31 -7.79 | 46.84 2.53 -8.66 | 56.46 3.81 -7.84 | 60.45 4.40 -4.93 | 53.69 3.73 -8.09 | 50.88 2.94 -10.20 | 47.18 2.74 -8.84 | 45.38 2.72 -8.65 | 44.30 2.65 -8.04 | 42.46 2.61 -7.17 | 43.55 2.71 -7.43 | 44.62 2.73 -7.33 | 53.44 3.02 -13.66 | 67.34 3.78 -21.07 | 66.43 4.03 -17.16 | 60.04 3.67 -14.67 | 51.90 3.38 -10.14 | 50.62 3.04 -9.63 | 44.53 2.79 -5.44 | 41.34 2.62 -3.26 |
| N.E_GEN_SANDY PD 24062 | 39.10 1.48 -2.32 | 36.89 1.43 -2.95 | 36.53 1.41 -3.00 | 36.70 1.38 -2.42 | 36.00 1.39 -1.59 | 40.93 1.50 -3.79 | 47.84 2.33 -0.70 | 56.84 3.02 -2.70 | 50.50 2.18 -6.46 | 43.21 1.58 -3.88 | 40.41 1.46 -3.34 | 37.00 1.53 -1.46 | 35.59 1.48 -0.51 | 37.14 1.47 -3.00 | 37.41 1.50 -2.49 | 41.41 1.52 -5.34 | 46.30 1.62 -7.91 | 56.40 2.17 -11.75 | 56.30 2.31 -8.75 | 53.60 2.13 -9.77 | 51.56 1.92 -11.26 | 49.13 1.63 -9.55 | 44.30 1.49 -6.52 | 41.62 1.49 -4.67 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 36.92 1.62 0.00 | 34.04 1.53 0.00 | 33.53 1.41 0.00 | 34.31 1.41 0.00 | 34.48 1.45 0.00 | 37.25 1.60 0.00 | 47.40 2.60 0.00 | 54.14 3.02 0.00 | 44.38 2.51 0.00 | 39.59 1.85 0.00 | 37.28 1.67 0.00 | 35.71 1.70 0.00 | 35.25 1.65 0.00 | 34.34 1.67 0.00 | 35.12 1.70 0.00 | 36.25 1.69 0.00 | 38.68 1.91 0.00 | 45.19 2.68 -0.02 | 48.22 2.80 -0.17 | 44.26 2.54 -0.02 | 40.69 2.30 0.00 | 39.85 1.90 0.00 | 38.04 1.74 0.00 | 37.06 1.60 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 37.21 1.91 0.00 | 34.33 1.82 0.00 | 33.76 1.64 0.00 | 34.47 1.58 0.00 | 34.78 1.75 0.00 | 37.46 1.82 0.00 | 47.85 3.05 0.00 | 54.70 3.58 0.00 | 45.13 3.27 0.00 | 40.29 2.53 -0.02 | 40.48 2.39 -2.49 | 40.62 2.38 -4.23 | 40.69 2.35 -4.73 | 39.92 2.32 -4.92 | 40.66 2.37 -4.88 | 40.20 2.42 -3.23 | 43.02 2.68 -3.57 | 50.65 3.48 -4.68 | 50.86 3.80 -1.82 | 49.29 3.46 -4.13 | 43.01 3.15 -1.48 | 41.88 2.69 -1.24 | 39.81 2.54 -0.98 | 37.80 2.34 0.00 |
| N.TROY___115KV_TB1 355778 | 36.50 1.20 0.00 | 33.65 1.14 0.00 | 33.21 1.09 0.00 | 33.98 1.09 0.00 | 34.15 1.12 0.00 | 36.89 1.25 0.00 | 46.73 1.93 0.00 | 53.32 2.20 0.00 | 43.63 1.76 0.00 | 38.99 1.25 0.00 | 36.71 1.10 0.00 | 35.17 1.16 0.00 | 34.71 1.11 0.00 | 33.75 1.08 0.00 | 34.55 1.14 0.00 | 35.73 1.17 0.00 | 38.02 1.25 0.00 | 44.23 1.74 0.00 | 47.19 1.95 0.00 | 43.45 1.75 0.00 | 40.00 1.61 0.00 | 39.28 1.33 0.00 | 37.49 1.20 0.00 | 36.63 1.17 0.00 |
| NARROWS_GT1_1 24228 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT1_2 24229 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT1_3 24230 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT1_4 24231 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT1_5 24232 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT1_6 24233 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT1_7 24234 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_8 24235 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT2_1 24236 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT2_2 24237 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT2_3 24238 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT2_4 24239 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT2_5 24240 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT2_6 24241 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT2_7 24242 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NARROWS_GT2_8 24243 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 36.78 1.48 0.00 | 33.87 1.37 0.00 | 33.44 1.32 0.00 | 34.24 1.35 0.00 | 34.41 1.39 0.00 | 37.21 1.57 0.00 | 47.14 2.33 0.00 | 53.53 2.40 0.00 | 43.67 1.80 0.00 | 38.73 0.98 0.00 | 36.32 0.71 0.00 | 34.76 0.75 0.00 | 34.27 0.67 0.00 | 33.36 0.69 0.00 | 34.25 0.84 0.00 | 35.42 0.86 0.00 | 37.87 1.10 0.00 | 44.23 1.74 0.00 | 47.28 2.04 0.00 | 43.54 1.83 0.00 | 40.07 1.69 0.00 | 39.28 1.33 0.00 | 37.53 1.23 0.00 | 36.63 1.17 0.00 |
| NCHELSEA_115KV_TR2 355582 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.79 1.67 0.00 | 34.57 1.68 0.00 | 34.75 1.72 0.00 | 37.46 1.82 0.00 | 47.76 2.96 0.00 | 54.50 3.37 0.00 | 44.67 2.81 0.00 | 39.74 2.00 0.00 | 37.42 1.82 0.00 | 35.81 1.80 0.00 | 35.31 1.71 0.00 | 34.40 1.73 0.00 | 35.22 1.80 0.00 | 36.35 1.80 0.00 | 38.83 2.06 0.00 | 45.38 2.89 0.00 | 48.32 3.08 0.00 | 44.49 2.79 0.00 | 40.92 2.53 0.00 | 40.04 2.09 0.00 | 38.22 1.92 0.00 | 37.27 1.81 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 36.85 1.55 0.00 | 33.97 1.46 0.00 | 33.57 1.45 0.00 | 34.38 1.48 0.00 | 34.52 1.49 0.00 | 37.39 1.75 0.00 | 47.45 2.64 0.00 | 54.40 3.27 0.00 | 44.17 2.30 0.00 | 39.40 1.66 0.00 | 37.03 1.43 0.00 | 35.40 1.39 0.00 | 34.91 1.31 0.00 | 33.94 1.27 0.00 | 34.78 1.37 0.00 | 35.97 1.42 0.00 | 38.39 1.62 0.00 | 44.70 2.21 0.00 | 47.77 2.53 0.00 | 43.99 2.29 0.00 | 40.53 2.15 0.00 | 39.77 1.82 0.00 | 37.89 1.60 0.00 | 36.99 1.52 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 32.94 -2.36 0.00 | 30.27 -2.24 0.00 | 29.90 -2.22 0.00 | 30.66 -2.24 0.00 | 30.75 -2.28 0.00 | 33.51 -2.14 0.00 | 42.05 -2.73 0.02 | 48.04 -3.07 0.02 | 39.08 -2.76 0.02 | 35.14 -2.60 0.00 | 33.01 -2.60 0.00 | 31.49 -2.52 0.00 | 31.15 -2.45 0.00 | 30.16 -2.52 0.00 | 30.86 -2.54 0.01 | 31.99 -2.56 0.01 | 34.14 -2.57 0.05 | 39.74 -2.72 0.02 | 42.37 -2.85 0.02 | 39.18 -2.50 0.02 | 36.06 -2.30 0.02 | 35.04 -2.58 0.33 | 33.63 -2.61 0.05 | 32.84 -2.62 0.00 |
| NEG CENTRAL___DRP 24199 | 34.67 -0.64 0.00 | 31.99 -0.52 0.00 | 31.67 -0.45 0.00 | 32.43 -0.46 0.00 | 32.50 -0.53 0.00 | 35.43 -0.21 0.00 | 44.89 0.00 -0.08 | 50.87 -0.36 -0.10 | 41.67 -0.29 -0.10 | 37.22 -0.53 0.00 | 35.04 -0.57 0.00 | 33.40 -0.61 0.00 | 32.96 -0.64 0.00 | 31.99 -0.69 0.00 | 32.71 -0.70 0.00 | 33.89 -0.66 0.00 | 36.15 -0.59 0.03 | 42.20 -0.38 -0.10 | 44.98 -0.36 -0.10 | 41.55 -0.25 -0.10 | 38.25 -0.23 -0.10 | 37.08 -0.68 0.19 | 35.50 -0.76 0.03 | 34.83 -0.64 0.00 |
| NEG CENTRAL___INDECK 23768 | 34.28 -1.02 0.00 | 31.50 -1.01 0.00 | 31.12 -1.00 0.00 | 31.91 -0.99 0.00 | 32.00 -1.02 0.00 | 35.04 -0.61 0.00 | 44.10 -0.72 -0.01 | 50.22 -0.92 -0.01 | 40.92 -0.96 -0.01 | 36.65 -1.10 0.00 | 34.29 -1.32 0.00 | 32.61 -1.40 0.00 | 32.19 -1.41 0.00 | 31.14 -1.54 0.00 | 31.90 -1.50 0.01 | 33.03 -1.52 0.01 | 35.25 -1.47 0.04 | 41.44 -1.06 -0.01 | 44.03 -1.22 -0.01 | 40.83 -0.88 -0.01 | 37.59 -0.81 -0.01 | 36.24 -1.44 0.27 | 34.66 -1.60 0.04 | 34.04 -1.42 0.00 |

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| NEG CENTRAL___SENECA 23627 | 34.88 -0.42 0.00 | 32.18 -0.33 0.00 | 31.90 -0.22 0.00 | 32.66 -0.23 0.00 | 32.70 -0.33 0.00 | 35.72 0.07 0.00 | 45.25 0.31 -0.13 | 51.23 -0.05 -0.16 | 42.03 0.00 -0.16 | 37.40 -0.34 0.00 | 35.25 -0.36 0.00 | 33.57 -0.44 0.00 | 33.16 -0.44 0.00 | 32.15 -0.52 0.00 | 32.87 -0.53 0.01 | 34.10 -0.45 0.01 | 36.32 -0.40 0.04 | 42.52 -0.13 -0.16 | 45.31 -0.09 -0.16 | 41.82 -0.04 -0.16 | 38.54 0.00 -0.16 | 37.17 -0.53 0.25 | 35.67 -0.58 0.04 | 35.07 -0.39 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 34.67 -0.64 0.00 | 31.99 -0.52 0.00 | 31.64 -0.48 0.00 | 32.43 -0.46 0.00 | 32.50 -0.53 0.00 | 35.36 -0.29 0.00 | 44.83 0.00 -0.02 | 50.95 -0.20 -0.03 | 41.73 -0.17 -0.03 | 37.37 -0.38 0.00 | 35.11 -0.50 0.00 | 33.47 -0.54 0.00 | 33.03 -0.57 0.00 | 32.05 -0.62 0.00 | 32.77 -0.63 0.00 | 33.96 -0.59 0.00 | 36.23 -0.51 0.02 | 42.26 -0.25 -0.03 | 45.00 -0.27 -0.03 | 41.56 -0.17 -0.03 | 38.26 -0.15 -0.03 | 37.27 -0.53 0.15 | 35.58 -0.69 0.02 | 34.79 -0.67 0.00 |
| NEG MILLWOOD___DRP 24198 | 37.35 2.05 0.00 | 34.43 1.92 0.00 | 33.95 1.83 0.00 | 34.77 1.87 0.00 | 34.84 1.82 0.00 | 37.57 1.92 0.00 | 47.90 3.09 0.00 | 54.86 3.73 0.00 | 44.97 3.10 0.00 | 40.01 2.26 0.00 | 37.67 2.07 0.00 | 36.05 2.04 0.00 | 35.52 1.92 0.00 | 34.57 1.89 0.00 | 35.38 1.97 0.00 | 36.52 1.97 0.00 | 39.05 2.28 0.00 | 45.63 3.14 0.00 | 48.63 3.39 0.00 | 44.79 3.09 0.00 | 41.19 2.80 0.00 | 40.26 2.31 0.00 | 38.40 2.11 0.00 | 37.41 1.95 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 37.10 1.80 0.00 | 33.87 1.37 0.00 | 33.60 1.48 0.00 | 34.51 1.61 0.00 | 34.68 1.65 0.00 | 37.39 1.75 0.00 | 46.06 1.25 0.00 | 52.66 1.53 0.00 | 43.08 1.21 0.00 | 39.37 1.62 0.00 | 37.10 1.50 0.00 | 35.06 1.05 0.00 | 34.81 1.21 0.00 | 33.88 1.21 0.00 | 34.65 1.24 0.00 | 35.83 1.28 0.00 | 38.28 1.51 0.00 | 44.06 1.57 0.00 | 46.64 1.40 0.00 | 42.95 1.25 0.00 | 39.50 1.11 0.00 | 39.39 1.44 0.00 | 37.57 1.27 0.00 | 37.49 2.02 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 36.64 1.34 0.00 | 33.48 0.98 0.00 | 33.18 1.06 0.00 | 34.08 1.18 0.00 | 34.25 1.22 0.00 | 36.89 1.25 0.00 | 45.70 0.90 0.00 | 52.25 1.12 0.00 | 42.79 0.92 0.00 | 39.10 1.36 0.00 | 36.89 1.28 0.00 | 34.89 0.88 0.00 | 34.64 1.04 0.00 | 33.72 1.05 0.00 | 34.45 1.04 0.00 | 35.66 1.11 0.00 | 38.06 1.29 0.00 | 43.72 1.23 0.00 | 46.37 1.13 0.00 | 42.66 0.96 0.00 | 39.27 0.88 0.00 | 39.20 1.25 0.00 | 37.38 1.09 0.00 | 37.06 1.60 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 37.17 1.87 0.00 | 33.87 1.37 0.00 | 33.63 1.51 0.00 | 34.54 1.64 0.00 | 34.75 1.72 0.00 | 37.46 1.82 0.00 | 46.37 1.57 0.00 | 53.02 1.89 0.00 | 43.54 1.67 0.00 | 39.59 1.85 0.00 | 37.28 1.67 0.00 | 35.20 1.19 0.00 | 34.98 1.38 0.00 | 34.04 1.37 0.00 | 34.78 1.37 0.00 | 36.01 1.45 0.00 | 38.50 1.73 0.00 | 44.36 1.87 0.00 | 46.96 1.72 0.00 | 43.24 1.54 0.00 | 39.77 1.38 0.00 | 39.62 1.67 0.00 | 37.71 1.42 0.00 | 37.56 2.09 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 37.17 1.87 0.00 | 33.87 1.37 0.00 | 33.63 1.51 0.00 | 34.54 1.64 0.00 | 34.75 1.72 0.00 | 37.46 1.82 0.00 | 46.37 1.57 0.00 | 53.02 1.89 0.00 | 43.54 1.67 0.00 | 39.59 1.85 0.00 | 37.28 1.67 0.00 | 35.20 1.19 0.00 | 34.98 1.38 0.00 | 34.04 1.37 0.00 | 34.78 1.37 0.00 | 36.01 1.45 0.00 | 38.50 1.73 0.00 | 44.36 1.87 0.00 | 46.96 1.72 0.00 | 43.24 1.54 0.00 | 39.77 1.38 0.00 | 39.62 1.67 0.00 | 37.71 1.42 0.00 | 37.56 2.09 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 37.17 1.87 0.00 | 33.87 1.37 0.00 | 33.60 1.48 0.00 | 34.54 1.64 0.00 | 34.71 1.68 0.00 | 37.46 1.82 0.00 | 46.33 1.52 0.00 | 52.55 1.43 0.00 | 43.54 1.68 0.00 | 39.63 1.89 0.00 | 37.28 1.67 0.00 | 35.20 1.19 0.00 | 34.98 1.38 0.00 | 34.04 1.37 0.00 | 34.78 1.37 0.00 | 36.04 1.48 0.00 | 38.50 1.73 0.00 | 44.36 1.87 0.00 | 46.96 1.72 0.00 | 43.24 1.54 0.00 | 39.76 1.38 0.00 | 39.58 1.63 0.00 | 37.71 1.41 0.00 | 37.56 2.09 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 31.91 -3.39 0.00 | 29.62 -2.89 0.00 | 29.52 -2.60 0.00 | 30.26 -2.63 0.00 | 29.89 -3.14 0.00 | 32.97 -2.67 0.00 | 40.94 -3.85 0.01 | 45.39 -5.73 0.01 | 37.46 -4.40 0.01 | 33.63 -4.11 0.00 | 31.76 -3.85 0.00 | 30.30 -3.71 0.00 | 30.04 -3.56 0.00 | 29.05 -3.63 0.00 | 29.70 -3.71 0.01 | 30.81 -3.73 0.01 | 32.15 -4.56 0.06 | 37.55 -4.93 0.01 | 39.98 -5.25 0.01 | 36.81 -4.88 0.01 | 34.07 -4.30 0.01 | 32.79 -4.82 0.34 | 31.92 -4.32 0.06 | 31.67 -3.79 0.00 |
| NEG WEST___LANCASTR 23811 | 33.46 -1.84 0.00 | 31.05 -1.46 0.00 | 30.87 -1.25 0.00 | 31.68 -1.22 0.00 | 31.41 -1.62 0.00 | 34.61 -1.03 0.00 | 43.19 -1.61 0.01 | 45.49 -5.62 0.01 | 39.14 -2.72 0.01 | 35.33 -2.42 0.00 | 33.40 -2.21 0.00 | 31.83 -2.18 0.00 | 31.55 -2.05 0.00 | 30.52 -2.16 0.00 | 31.17 -2.24 0.01 | 32.37 -2.18 0.01 | 32.49 -4.23 0.05 | 38.53 -3.95 0.01 | 40.89 -4.34 0.01 | 37.40 -4.30 0.01 | 35.08 -3.30 0.01 | 32.59 -5.05 0.32 | 32.03 -4.21 0.05 | 33.41 -2.06 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 35.23 -0.07 0.00 | 32.51 0.00 0.00 | 32.12 0.00 0.00 | 32.89 0.00 0.00 | 33.03 0.00 0.00 | 35.86 0.22 0.00 | 45.22 0.40 -0.01 | 51.60 0.46 -0.01 | 42.09 0.21 -0.01 | 37.74 0.00 0.00 | 35.53 -0.07 0.00 | 33.91 -0.10 0.00 | 33.50 -0.10 0.00 | 32.51 -0.16 0.00 | 33.24 -0.17 0.00 | 34.45 -0.10 0.00 | 36.60 -0.15 0.02 | 42.71 0.21 -0.01 | 45.43 0.18 -0.01 | 41.96 0.25 -0.01 | 38.67 0.27 -0.01 | 37.68 -0.15 0.12 | 36.02 -0.25 0.02 | 35.43 -0.04 0.00 |
| NEG___GEN_MONROE 24207 | 33.22 -2.08 0.00 | 30.72 -1.79 0.00 | 30.51 -1.61 0.00 | 31.25 -1.64 0.00 | 31.01 -2.01 0.00 | 34.04 -1.60 0.00 | 42.60 -2.20 0.01 | 47.99 -3.12 0.02 | 39.30 -2.55 0.02 | 35.18 -2.57 0.00 | 33.08 -2.53 0.00 | 31.53 -2.48 0.00 | 31.15 -2.45 0.00 | 30.16 -2.52 0.00 | 30.83 -2.57 0.01 | 31.92 -2.63 0.01 | 33.92 -2.79 0.06 | 39.54 -2.93 0.02 | 42.24 -2.99 0.02 | 38.97 -2.71 0.02 | 35.87 -2.49 0.02 | 34.83 -2.77 0.35 | 33.63 -2.61 0.06 | 32.91 -2.55 0.00 |
| NEPA___ENERGY 23901 | 33.11 -2.19 0.00 | 30.72 -1.79 0.00 | 30.55 -1.57 0.00 | 31.32 -1.58 0.00 | 31.08 -1.95 0.00 | 34.22 -1.43 0.00 | 42.69 -2.11 0.01 | 46.67 -4.45 0.01 | 39.06 -2.81 0.01 | 35.14 -2.60 0.00 | 33.22 -2.39 0.00 | 31.66 -2.35 0.00 | 31.42 -2.18 0.00 | 30.38 -2.29 0.00 | 30.97 -2.44 0.01 | 32.20 -2.35 0.01 | 33.26 -3.46 0.05 | 39.13 -3.36 0.00 | 41.59 -3.71 -0.06 | 38.16 -3.54 0.00 | 35.46 -2.92 0.01 | 33.76 -3.87 0.31 | 32.87 -3.38 0.05 | 33.09 -2.38 0.00 |
| NEVERSINK___HYD 23608 | 36.71 1.41 0.00 | 33.87 1.37 0.00 | 33.44 1.32 0.00 | 34.21 1.32 0.00 | 34.35 1.32 0.00 | 37.11 1.46 0.00 | 47.49 2.69 0.00 | 54.55 3.43 0.00 | 44.25 2.39 0.00 | 39.26 1.51 0.00 | 36.85 1.25 0.00 | 35.20 1.19 0.00 | 33.70 0.10 0.00 | 32.84 0.16 0.00 | 33.61 0.20 0.00 | 34.73 0.17 0.00 | 37.25 0.48 0.00 | 43.68 1.19 0.00 | 46.50 1.26 0.00 | 42.74 1.04 0.00 | 40.45 2.07 0.00 | 39.58 1.63 0.00 | 37.75 1.45 0.00 | 36.78 1.31 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 35.90 0.60 0.00 | 33.06 0.55 0.00 | 32.63 0.51 0.00 | 33.39 0.49 0.00 | 33.56 0.53 0.00 | 36.29 0.64 0.00 | 45.88 1.08 0.00 | 52.35 1.23 0.00 | 42.87 1.00 0.00 | 38.27 0.53 0.00 | 36.03 0.43 0.00 | 34.62 0.61 0.00 | 34.14 0.54 0.00 | 33.26 0.59 0.00 | 34.05 0.63 0.00 | 35.14 0.59 0.00 | 37.39 0.63 0.00 | 43.42 0.93 0.00 | 46.37 1.13 0.00 | 42.70 1.00 0.00 | 39.30 0.92 0.00 | 38.60 0.65 0.00 | 36.84 0.54 0.00 | 36.00 0.53 0.00 |

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| NEWTON___FALLS_HYD 23847 | 35.23 -0.07 0.00 | 32.31 -0.20 0.00 | 31.96 -0.16 0.00 | 32.80 -0.10 0.00 | 33.03 0.00 0.00 | 35.57 -0.07 0.00 | 44.58 -0.22 0.00 | 51.02 -0.10 0.00 | 41.62 -0.25 0.00 | 37.63 -0.11 0.00 | 35.29 -0.32 0.00 | 33.50 -0.51 0.00 | 33.03 -0.57 0.00 | 32.15 -0.52 0.00 | 32.88 -0.53 0.00 | 34.07 -0.48 0.00 | 36.55 -0.22 0.00 | 42.36 -0.13 0.00 | 45.10 -0.14 0.00 | 41.53 -0.17 0.00 | 38.19 -0.19 0.00 | 37.84 -0.11 0.00 | 36.15 -0.15 0.00 | 35.46 0.00 0.00 |
| NGRID_A1_DSASP 323792 | 31.31 -3.99 0.00 | 28.84 -3.67 0.00 | 28.49 -3.63 0.00 | 29.24 -3.65 0.00 | 29.36 -3.67 0.00 | 32.15 -3.49 0.00 | 39.33 -5.47 0.01 | 44.36 -6.75 0.01 | 36.29 -5.57 0.01 | 32.95 -4.79 0.00 | 31.15 -4.45 0.00 | 29.76 -4.25 0.00 | 29.53 -4.07 0.00 | 28.55 -4.12 0.00 | 29.19 -4.21 0.01 | 30.23 -4.32 0.01 | 31.60 -5.11 0.06 | 36.83 -5.65 0.01 | 39.21 -6.02 0.01 | 36.27 -5.42 0.01 | 33.46 -4.91 0.01 | 32.22 -5.39 0.34 | 31.41 -4.83 0.06 | 31.10 -4.36 0.00 |
| NGRID_A2_DSASP 323793 | 31.31 -3.99 0.00 | 28.84 -3.67 0.00 | 28.49 -3.63 0.00 | 29.24 -3.65 0.00 | 29.36 -3.67 0.00 | 32.15 -3.49 0.00 | 39.33 -5.47 0.01 | 44.36 -6.75 0.01 | 36.29 -5.57 0.01 | 32.95 -4.79 0.00 | 31.15 -4.45 0.00 | 29.76 -4.25 0.00 | 29.53 -4.07 0.00 | 28.55 -4.12 0.00 | 29.19 -4.21 0.01 | 30.23 -4.32 0.01 | 31.60 -5.11 0.06 | 36.83 -5.65 0.01 | 39.21 -6.02 0.01 | 36.27 -5.42 0.01 | 33.46 -4.91 0.01 | 32.22 -5.39 0.34 | 31.41 -4.83 0.06 | 31.10 -4.36 0.00 |
| NGRID_A4_DSASP 323807 | 31.31 -3.99 0.00 | 28.84 -3.67 0.00 | 28.49 -3.63 0.00 | 29.24 -3.65 0.00 | 29.36 -3.67 0.00 | 32.15 -3.49 0.00 | 39.33 -5.47 0.01 | 44.36 -6.75 0.01 | 36.29 -5.57 0.01 | 32.95 -4.79 0.00 | 31.15 -4.45 0.00 | 29.76 -4.25 0.00 | 29.53 -4.07 0.00 | 28.55 -4.12 0.00 | 29.19 -4.21 0.01 | 30.23 -4.32 0.01 | 31.60 -5.11 0.06 | 36.83 -5.65 0.01 | 39.21 -6.02 0.01 | 36.27 -5.42 0.01 | 33.46 -4.91 0.01 | 32.22 -5.39 0.34 | 31.41 -4.83 0.06 | 31.10 -4.36 0.00 |
| NIAGARA_115E_LBMP 323715 | 31.28 -4.03 0.00 | 28.80 -3.71 0.00 | 28.46 -3.66 0.00 | 29.21 -3.68 0.00 | 29.33 -3.70 0.00 | 32.15 -3.49 0.00 | 39.24 -5.56 0.01 | 44.26 -6.85 0.01 | 36.20 -5.65 0.01 | 32.88 -4.87 0.00 | 31.08 -4.52 0.00 | 29.69 -4.32 0.00 | 29.47 -4.13 0.00 | 28.49 -4.18 0.00 | 29.13 -4.28 0.01 | 30.19 -4.35 0.01 | 31.53 -5.18 0.06 | 36.74 -5.74 0.01 | 39.12 -6.11 0.01 | 36.23 -5.46 0.01 | 33.38 -4.99 0.01 | 32.15 -5.46 0.34 | 31.34 -4.90 0.06 | 31.03 -4.43 0.00 |
| NIAGARA_115W_LBMP 323714 | 31.21 -4.09 0.00 | 28.74 -3.77 0.00 | 28.40 -3.73 0.00 | 29.14 -3.75 0.00 | 29.26 -3.77 0.00 | 32.08 -3.56 0.00 | 39.19 -5.60 0.01 | 44.21 -6.90 0.01 | 36.16 -5.69 0.01 | 32.84 -4.91 0.00 | 31.05 -4.56 0.00 | 29.66 -4.35 0.00 | 29.43 -4.17 0.00 | 28.46 -4.21 0.00 | 29.13 -4.28 0.01 | 30.16 -4.39 0.01 | 31.53 -5.18 0.06 | 36.70 -5.78 0.01 | 39.08 -6.15 0.01 | 36.18 -5.51 0.01 | 33.35 -5.03 0.01 | 32.15 -5.46 0.34 | 31.34 -4.90 0.06 | 30.99 -4.47 0.00 |
| NIAGARA_230_LBMP 323716 | 31.74 -3.56 0.00 | 29.23 -3.28 0.00 | 28.88 -3.24 0.00 | 29.64 -3.26 0.00 | 29.73 -3.30 0.00 | 32.58 -3.07 0.00 | 39.96 -4.84 0.01 | 45.03 -6.08 0.01 | 36.87 -4.98 0.01 | 33.44 -4.30 0.00 | 31.62 -3.99 0.00 | 30.20 -3.81 0.00 | 30.01 -3.59 0.00 | 29.01 -3.66 0.00 | 29.66 -3.74 0.01 | 30.71 -3.84 0.01 | 32.12 -4.60 0.06 | 37.42 -5.06 0.01 | 39.84 -5.38 0.01 | 36.85 -4.84 0.01 | 34.00 -4.38 0.01 | 32.79 -4.82 0.34 | 31.92 -4.32 0.06 | 31.60 -3.86 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 31.21 -4.09 0.00 | 29.00 -3.51 0.00 | 28.91 -3.21 0.00 | 29.64 -3.26 0.00 | 29.26 -3.77 0.00 | 32.26 -3.39 0.00 | 40.05 -4.75 0.01 | 44.42 -6.70 0.01 | 36.62 -5.23 0.01 | 32.88 -4.87 0.00 | 31.08 -4.52 0.00 | 29.66 -4.35 0.00 | 29.43 -4.17 0.00 | 28.46 -4.21 0.00 | 29.09 -4.31 0.01 | 30.16 -4.39 0.01 | 31.49 -5.22 0.06 | 36.74 -5.74 0.01 | 39.12 -6.11 0.01 | 36.02 -5.67 0.01 | 33.34 -5.03 0.01 | 32.15 -5.46 0.34 | 31.34 -4.90 0.06 | 31.00 -4.47 0.00 |
| NIAGARA____ 23760 | 31.74 -3.56 0.00 | 29.23 -3.28 0.00 | 28.88 -3.24 0.00 | 29.64 -3.26 0.00 | 29.73 -3.30 0.00 | 32.58 -3.07 0.00 | 39.96 -4.84 0.01 | 45.03 -6.08 0.01 | 36.87 -4.98 0.01 | 33.44 -4.30 0.00 | 31.62 -3.99 0.00 | 30.20 -3.81 0.00 | 30.01 -3.59 0.00 | 29.01 -3.66 0.00 | 29.66 -3.74 0.01 | 30.71 -3.84 0.01 | 32.12 -4.60 0.06 | 37.42 -5.06 0.01 | 39.84 -5.38 0.01 | 36.85 -4.84 0.01 | 34.00 -4.38 0.01 | 32.79 -4.82 0.34 | 31.92 -4.32 0.06 | 31.60 -3.86 0.00 |
| NINE_MILE_1 23575 | 33.64 -1.66 0.00 | 30.98 -1.53 0.00 | 30.61 -1.51 0.00 | 31.35 -1.55 0.00 | 31.48 -1.55 0.00 | 34.04 -1.60 0.00 | 42.88 -1.93 0.00 | 49.03 -2.10 0.00 | 39.98 -1.88 0.00 | 35.97 -1.77 0.00 | 33.86 -1.74 0.00 | 32.34 -1.67 0.00 | 31.95 -1.65 0.00 | 31.04 -1.63 0.00 | 31.70 -1.67 0.04 | 32.82 -1.69 0.04 | 34.76 -1.73 0.28 | 40.66 -1.83 0.00 | 43.30 -1.94 0.00 | 39.95 -1.75 0.00 | 36.77 -1.61 0.00 | 34.49 -1.75 1.72 | 34.27 -1.74 0.28 | 33.73 -1.74 0.00 |
| NINE_MILE_2 23744 | 33.64 -1.66 0.00 | 30.98 -1.53 0.00 | 30.61 -1.51 0.00 | 31.35 -1.55 0.00 | 31.48 -1.55 0.00 | 34.04 -1.60 0.00 | 42.93 -1.88 0.00 | 49.03 -2.10 0.00 | 39.98 -1.88 0.00 | 35.97 -1.77 0.00 | 33.86 -1.74 0.00 | 32.34 -1.67 0.00 | 31.95 -1.65 0.00 | 31.04 -1.63 0.00 | 31.70 -1.67 0.04 | 32.82 -1.69 0.04 | 34.76 -1.73 0.28 | 40.66 -1.83 0.00 | 43.30 -1.94 0.00 | 39.95 -1.75 0.00 | 36.77 -1.61 0.00 | 34.47 -1.75 1.74 | 34.27 -1.74 0.28 | 33.73 -1.74 0.00 |
| NM_CAPITAL___DRP 24208 | 36.04 0.74 0.00 | 33.19 0.68 0.00 | 32.76 0.64 0.00 | 33.52 0.62 0.00 | 33.69 0.66 0.00 | 36.39 0.75 0.00 | 46.02 1.21 0.00 | 52.51 1.38 0.00 | 43.00 1.13 0.00 | 38.42 0.68 0.00 | 36.18 0.57 0.00 | 34.72 0.71 0.00 | 34.27 0.67 0.00 | 33.36 0.69 0.00 | 34.15 0.74 0.00 | 35.28 0.73 0.00 | 37.50 0.74 0.00 | 43.59 1.10 0.00 | 46.51 1.27 0.00 | 42.83 1.13 0.00 | 39.42 1.04 0.00 | 38.71 0.76 0.00 | 36.95 0.65 0.00 | 36.10 0.64 0.00 |
| NM_CENTRAL___DRP 24181 | 34.14 -1.16 0.00 | 31.47 -1.04 0.00 | 31.12 -1.00 0.00 | 31.87 -1.02 0.00 | 31.94 -1.09 0.00 | 34.68 -0.96 0.00 | 43.87 -0.94 0.00 | 49.90 -1.23 0.00 | 40.82 -1.05 0.00 | 36.57 -1.17 0.00 | 34.43 -1.17 0.00 | 32.85 -1.16 0.00 | 32.46 -1.14 0.00 | 31.50 -1.18 0.00 | 32.21 -1.20 0.01 | 33.38 -1.17 0.01 | 35.56 -1.18 0.03 | 41.39 -1.10 0.00 | 44.07 -1.18 0.00 | 40.70 -1.00 0.00 | 37.47 -0.92 0.00 | 36.57 -1.18 0.20 | 34.99 -1.27 0.03 | 34.22 -1.24 0.00 |
| NM_FRONTIER___DRP 24179 | 31.21 -4.09 0.00 | 29.00 -3.51 0.00 | 28.91 -3.21 0.00 | 29.64 -3.26 0.00 | 29.26 -3.77 0.00 | 32.26 -3.39 0.00 | 40.05 -4.75 0.01 | 44.42 -6.70 0.01 | 36.62 -5.23 0.01 | 32.88 -4.87 0.00 | 31.08 -4.52 0.00 | 29.66 -4.35 0.00 | 29.43 -4.17 0.00 | 28.46 -4.21 0.00 | 29.09 -4.31 0.01 | 30.16 -4.39 0.01 | 31.49 -5.22 0.06 | 36.74 -5.74 0.01 | 39.12 -6.11 0.01 | 36.02 -5.67 0.01 | 33.34 -5.03 0.01 | 32.15 -5.46 0.34 | 31.34 -4.90 0.06 | 31.00 -4.47 0.00 |
| NM_ST_REGIS___HYD 24053 | 35.65 0.35 0.00 | 32.61 0.10 0.00 | 32.31 0.19 0.00 | 33.19 0.30 0.00 | 33.39 0.36 0.00 | 35.82 0.18 0.00 | 44.45 -0.36 0.00 | 50.97 -0.15 0.00 | 41.66 -0.21 0.00 | 38.01 0.26 0.00 | 35.78 0.18 0.00 | 33.91 -0.10 0.00 | 33.53 -0.07 0.00 | 32.64 -0.03 0.00 | 33.35 -0.07 0.00 | 34.52 -0.03 0.00 | 36.88 0.11 0.00 | 42.40 -0.08 0.00 | 45.06 -0.18 0.00 | 41.45 -0.25 0.00 | 38.11 -0.27 0.00 | 38.06 0.11 0.00 | 36.48 0.18 0.00 | 35.96 0.50 0.00 |

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| NORTHPORT___1 23551 | 45.09 2.83 -6.96 | 41.97 2.70 -6.76 | 40.06 2.60 -5.34 | 41.12 2.63 -5.59 | 43.42 2.61 -7.79 | 47.16 2.85 -8.66 | 57.22 4.57 -7.84 | 61.83 5.78 -4.93 | 54.36 4.39 -8.10 | 51.26 3.32 -10.20 | 47.54 3.10 -8.84 | 45.72 3.06 -8.65 | 44.63 2.99 -8.04 | 42.78 2.94 -7.17 | 43.92 3.07 -7.43 | 45.03 3.14 -7.33 | 53.85 3.42 -13.66 | 68.02 4.46 -21.07 | 67.14 4.79 -17.11 | 60.66 4.30 -14.66 | 52.48 3.95 -10.14 | 51.11 3.53 -9.63 | 44.94 3.19 -5.45 | 41.70 2.98 -3.26 |
| NORTHPORT___2 23552 | 45.19 2.93 -6.96 | 42.07 2.80 -6.76 | 40.15 2.70 -5.34 | 41.19 2.70 -5.59 | 43.52 2.71 -7.79 | 47.23 2.92 -8.66 | 57.39 4.75 -7.84 | 61.93 5.88 -4.93 | 54.49 4.52 -8.10 | 51.34 3.40 -10.20 | 47.61 3.17 -8.84 | 45.79 3.13 -8.65 | 44.70 3.06 -8.04 | 42.88 3.04 -7.17 | 43.99 3.14 -7.43 | 45.14 3.25 -7.33 | 53.96 3.53 -13.66 | 68.15 4.59 -21.07 | 67.23 4.89 -17.10 | 60.74 4.38 -14.66 | 52.63 4.11 -10.14 | 51.23 3.64 -9.63 | 45.01 3.27 -5.45 | 41.80 3.08 -3.26 |
| NORTHPORT___3 23553 | 44.52 2.26 -6.96 | 41.41 2.15 -6.76 | 39.54 2.09 -5.34 | 40.56 2.07 -5.59 | 42.90 2.08 -7.79 | 46.62 2.32 -8.66 | 55.88 3.23 -7.84 | 60.25 4.19 -4.93 | 53.27 3.31 -8.10 | 50.66 2.72 -10.20 | 46.97 2.53 -8.84 | 45.18 2.52 -8.65 | 44.10 2.45 -8.04 | 42.26 2.42 -7.17 | 43.32 2.47 -7.43 | 44.38 2.49 -7.33 | 52.75 2.32 -13.66 | 66.66 3.10 -21.07 | 65.67 3.30 -17.13 | 59.33 2.96 -14.67 | 51.21 2.69 -10.14 | 50.05 2.47 -9.63 | 44.32 2.58 -5.45 | 41.10 2.38 -3.26 |
| NORTHPORT___4 23650 | 44.52 2.26 -6.96 | 41.41 2.15 -6.76 | 39.54 2.09 -5.34 | 40.56 2.07 -5.59 | 42.90 2.08 -7.79 | 46.62 2.32 -8.66 | 55.88 3.23 -7.84 | 60.25 4.19 -4.93 | 53.27 3.31 -8.10 | 50.66 2.72 -10.20 | 46.97 2.53 -8.84 | 45.18 2.52 -8.65 | 44.10 2.45 -8.04 | 42.26 2.42 -7.17 | 43.32 2.47 -7.43 | 44.38 2.49 -7.33 | 52.75 2.32 -13.66 | 66.66 3.10 -21.07 | 65.67 3.30 -17.13 | 59.33 2.96 -14.67 | 51.21 2.69 -10.14 | 50.05 2.47 -9.63 | 44.32 2.58 -5.45 | 41.10 2.38 -3.26 |
| NORTHPORT___IC 23718 | 45.19 2.93 -6.96 | 42.07 2.80 -6.76 | 40.15 2.70 -5.34 | 41.19 2.70 -5.59 | 43.52 2.71 -7.79 | 47.23 2.92 -8.66 | 57.39 4.75 -7.84 | 61.93 5.88 -4.93 | 54.49 4.52 -8.10 | 51.34 3.40 -10.20 | 47.61 3.17 -8.84 | 45.79 3.13 -8.65 | 44.70 3.06 -8.04 | 42.88 3.04 -7.17 | 43.99 3.14 -7.43 | 45.14 3.25 -7.33 | 53.96 3.53 -13.66 | 68.15 4.59 -21.07 | 67.23 4.89 -17.10 | 60.74 4.38 -14.66 | 52.63 4.11 -10.14 | 51.23 3.64 -9.63 | 45.01 3.27 -5.45 | 41.80 3.08 -3.26 |
| NORTH___COUNTRY_ESR 323785 | 36.50 1.20 0.00 | 33.35 0.84 0.00 | 33.08 0.96 0.00 | 33.95 1.05 0.00 | 34.12 1.09 0.00 | 36.75 1.11 0.00 | 45.48 0.67 0.00 | 51.53 0.41 0.00 | 42.62 0.75 0.00 | 38.95 1.21 0.00 | 36.74 1.14 0.00 | 34.82 0.81 0.00 | 34.54 0.94 0.00 | 33.62 0.95 0.00 | 34.35 0.93 0.00 | 35.56 1.00 0.00 | 37.91 1.14 0.00 | 43.51 1.02 0.00 | 46.14 0.90 0.00 | 42.49 0.79 0.00 | 39.08 0.69 0.00 | 38.98 1.03 0.00 | 37.28 0.98 0.00 | 36.92 1.45 0.00 |
| NPX_GEN_1385_PROXY 323591 | 45.72 3.46 -6.96 | 42.55 3.28 -6.76 | 40.64 3.18 -5.34 | 41.71 3.23 -5.59 | 44.05 3.24 -7.79 | 48.28 3.14 -9.50 | 57.50 5.69 -7.01 | 62.70 6.64 -4.93 | 55.37 5.40 -8.10 | 51.60 3.66 -10.20 | 47.93 3.49 -8.84 | 46.06 3.40 -8.65 | 45.00 3.36 -8.04 | 43.24 3.40 -7.17 | 44.59 3.74 -7.43 | 46.00 4.11 -7.33 | 54.44 4.01 -13.66 | 68.69 5.14 -21.07 | 68.04 5.70 -17.10 | 61.20 4.84 -14.66 | 53.59 5.07 -10.14 | 52.14 4.55 -9.63 | 45.70 3.96 -5.45 | 42.30 3.58 -3.26 |
| NPX_GEN_CSC 323557 | 45.51 3.25 -6.96 | 42.36 3.09 -6.76 | 40.44 2.99 -5.34 | 41.51 3.02 -5.59 | 43.85 3.04 -7.79 | 48.49 3.35 -9.50 | 57.19 5.37 -7.01 | 62.70 6.64 -4.93 | 54.99 5.02 -8.10 | 51.79 3.85 -10.20 | 48.04 3.59 -8.84 | 46.20 3.54 -8.65 | 45.11 3.46 -8.04 | 43.21 3.37 -7.17 | 44.32 3.47 -7.43 | 45.42 3.53 -7.33 | 54.47 4.04 -13.66 | 68.87 5.31 -21.07 | 68.02 5.65 -17.12 | 61.49 5.13 -14.67 | 53.13 4.60 -10.14 | 51.68 4.10 -9.63 | 45.37 3.63 -5.45 | 42.16 3.44 -3.26 |
| NSINS_S_GLNS_FALLS 23858 | 36.32 1.02 0.00 | 33.45 0.94 0.00 | 33.02 0.90 0.00 | 33.82 0.92 0.00 | 34.02 0.99 0.00 | 36.79 1.14 0.00 | 46.96 2.15 0.00 | 53.63 2.51 0.00 | 43.71 1.84 0.00 | 38.95 1.21 0.00 | 36.53 0.93 0.00 | 34.93 0.92 0.00 | 34.41 0.81 0.00 | 33.33 0.65 0.00 | 34.18 0.77 0.00 | 35.38 0.83 0.00 | 37.84 1.07 0.00 | 44.06 1.57 0.00 | 47.19 1.95 0.00 | 43.45 1.75 0.00 | 40.03 1.65 0.00 | 39.20 1.25 0.00 | 37.35 1.05 0.00 | 36.42 0.96 0.00 |
| NUCOR_STEEL___DRP 24197 | 34.70 -0.60 0.00 | 32.02 -0.49 0.00 | 31.67 -0.45 0.00 | 32.43 -0.46 0.00 | 32.50 -0.53 0.00 | 35.32 -0.32 0.00 | 44.73 -0.09 -0.01 | 50.83 -0.31 -0.01 | 41.55 -0.33 -0.02 | 37.22 -0.53 0.00 | 34.96 -0.64 0.00 | 33.36 -0.65 0.00 | 32.93 -0.67 0.00 | 31.95 -0.72 0.00 | 32.71 -0.70 0.00 | 33.90 -0.66 0.00 | 36.20 -0.55 0.02 | 42.16 -0.34 -0.01 | 44.89 -0.36 -0.01 | 41.47 -0.25 -0.01 | 38.17 -0.23 -0.01 | 37.28 -0.53 0.14 | 35.58 -0.69 0.02 | 34.83 -0.64 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 35.79 0.49 0.00 | 32.90 0.39 0.00 | 32.51 0.39 0.00 | 33.32 0.43 0.00 | 33.59 0.56 0.00 | 36.32 0.68 0.00 | 45.88 1.07 0.00 | 52.45 1.33 0.00 | 42.66 0.79 0.00 | 38.35 0.60 0.00 | 35.86 0.25 0.00 | 34.08 0.07 0.00 | 33.60 0.00 0.00 | 32.67 0.00 0.00 | 33.45 0.03 0.00 | 34.73 0.17 0.00 | 37.31 0.55 0.01 | 43.55 1.06 0.00 | 46.41 1.17 0.00 | 42.74 1.04 0.00 | 39.27 0.88 0.00 | 38.59 0.68 0.04 | 36.80 0.51 0.01 | 36.00 0.53 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 35.30 0.00 0.00 | 32.51 0.00 0.00 | 32.12 0.00 0.00 | 32.89 0.00 0.00 | 33.03 0.00 0.00 | 35.65 0.00 0.00 | 44.81 0.00 0.00 | 51.13 0.00 0.00 | 41.87 0.00 0.00 | 37.74 0.00 0.00 | 35.61 0.00 0.00 | 34.01 0.00 0.00 | 33.60 0.00 0.00 | 32.67 0.00 0.00 | 33.41 0.00 0.00 | 34.56 0.00 0.00 | 36.77 0.00 0.00 | 42.49 0.00 0.00 | 45.24 0.00 0.00 | 41.70 0.00 0.00 | 38.38 0.00 0.00 | 37.95 0.00 0.00 | 36.30 0.00 0.00 | 35.46 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 45.40 3.14 -6.96 | 42.26 2.99 -6.76 | 40.35 2.89 -5.34 | 41.38 2.90 -5.59 | 43.72 2.91 -7.79 | 47.52 3.21 -8.66 | 57.75 5.11 -7.84 | 62.45 6.39 -4.93 | 54.82 4.85 -8.10 | 51.68 3.74 -10.20 | 47.93 3.49 -8.84 | 46.10 3.43 -8.65 | 45.00 3.36 -8.04 | 43.11 3.27 -7.17 | 44.26 3.41 -7.43 | 45.34 3.46 -7.33 | 54.33 3.90 -13.66 | 68.61 5.05 -21.07 | 67.74 5.38 -17.12 | 61.20 4.84 -14.67 | 52.94 4.41 -10.14 | 51.53 3.95 -9.63 | 45.26 3.52 -5.45 | 42.05 3.33 -3.26 |
| NYPA_GOWANUS___GT5 24156 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |
| NYPA_GOWANUS___GT6 24157 | 37.43 2.12 -0.01 | 34.56 2.05 0.00 | 34.05 1.93 0.00 | 34.80 1.91 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.26 3.45 0.00 | 55.78 4.65 0.00 | 45.22 3.35 0.00 | 40.29 2.53 -0.02 | 40.57 2.45 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 39.99 2.35 -4.97 | 40.74 2.41 -4.92 | 40.19 2.38 -3.26 | 42.98 2.61 -3.60 | 51.35 3.57 -5.29 | 85.65 3.84 -36.56 | 53.89 3.50 -8.68 | 42.98 3.11 -1.49 | 42.04 2.85 -1.24 | 44.43 2.61 -5.52 | 37.92 2.45 -0.01 |

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| NYPA_HARLEM__RVR__GT1 24160 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.82 1.70 0.00 | 34.54 1.64 0.00 | 34.68 1.65 0.00 | 37.46 1.82 0.00 | 48.07 3.27 0.00 | 55.57 4.45 0.00 | 45.14 3.27 0.00 | 40.13 2.38 -0.01 | 38.18 2.24 -0.33 | 36.81 2.24 -0.56 | 36.45 2.22 -0.63 | 35.51 2.19 -0.65 | 36.30 2.24 -0.65 | 37.19 2.21 -0.43 | 39.67 2.43 -0.47 | 46.56 3.32 -0.76 | 50.92 3.53 -2.15 | 45.54 3.21 -0.63 | 41.45 2.88 -0.19 | 40.76 2.66 -0.16 | 38.81 2.39 -0.12 | 37.74 2.27 -0.01 |
| NYPA_HARLEM__RVR__GT2 24161 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.82 1.70 0.00 | 34.54 1.64 0.00 | 34.68 1.65 0.00 | 37.46 1.82 0.00 | 48.07 3.27 0.00 | 55.57 4.45 0.00 | 45.14 3.27 0.00 | 40.13 2.38 -0.01 | 38.18 2.24 -0.33 | 36.81 2.24 -0.56 | 36.45 2.22 -0.63 | 35.51 2.19 -0.65 | 36.30 2.24 -0.65 | 37.19 2.21 -0.43 | 39.67 2.43 -0.47 | 46.56 3.32 -0.76 | 50.92 3.53 -2.15 | 45.54 3.21 -0.63 | 41.45 2.88 -0.19 | 40.76 2.66 -0.16 | 38.81 2.39 -0.12 | 37.74 2.27 -0.01 |
| NYPA_KENT____GT 24152 | 37.32 2.01 0.00 | 34.49 1.98 0.00 | 33.98 1.86 0.00 | 34.74 1.84 0.00 | 34.84 1.82 0.00 | 37.64 1.99 0.00 | 48.21 3.40 0.00 | 55.73 4.60 0.00 | 45.22 3.35 0.00 | 40.25 2.49 -0.02 | 40.50 2.39 -2.51 | 40.65 2.38 -4.26 | 40.73 2.35 -4.78 | 39.93 2.29 -4.97 | 40.71 2.37 -4.92 | 40.16 2.35 -3.26 | 42.94 2.57 -3.60 | 51.02 3.48 -5.04 | 70.70 3.75 -21.70 | 51.83 3.38 -6.75 | 42.90 3.03 -1.49 | 41.96 2.77 -1.24 | 42.42 2.54 -3.58 | 37.85 2.38 -0.01 |
| NYPA_POUCH1____GT 24155 | 37.39 2.08 -0.01 | 34.53 2.02 0.00 | 34.02 1.89 0.00 | 34.74 1.84 0.00 | 34.88 1.85 0.00 | 37.64 1.99 0.00 | 43.55 3.27 4.53 | 42.88 4.45 12.69 | 42.23 3.14 2.78 | 40.10 2.34 -0.02 | 40.39 2.28 -2.50 | 40.57 2.28 -4.28 | 40.60 2.22 -4.78 | 39.83 2.19 -4.97 | 40.57 2.24 -4.92 | 40.06 2.24 -3.26 | 42.79 2.43 -3.60 | 51.18 3.40 -5.29 | 85.46 3.66 -36.56 | 53.68 3.29 -8.68 | 42.78 2.92 -1.49 | 41.93 2.73 -1.24 | 44.32 2.50 -5.52 | 37.88 2.41 -0.01 |
| NYPA_VERNON____GT2 24162 | 37.24 1.94 0.00 | 34.39 1.88 0.00 | 33.92 1.80 0.00 | 34.64 1.74 0.00 | 34.78 1.75 0.00 | 37.61 1.96 0.00 | 48.17 3.36 0.00 | 55.67 4.55 0.00 | 45.17 3.31 0.00 | 40.25 2.49 -0.02 | 40.43 2.31 -2.51 | 40.59 2.31 -4.26 | 40.66 2.29 -4.78 | 39.89 2.25 -4.97 | 40.64 2.30 -4.92 | 40.09 2.28 -3.26 | 42.87 2.50 -3.60 | 50.69 3.40 -4.80 | 55.70 3.62 -6.84 | 49.81 3.29 -4.82 | 42.82 2.96 -1.49 | 41.89 2.69 -1.24 | 40.37 2.43 -1.64 | 37.74 2.27 -0.01 |
| NYPA_VERNON____GT3 24163 | 37.24 1.94 0.00 | 34.39 1.88 0.00 | 33.92 1.80 0.00 | 34.64 1.74 0.00 | 34.78 1.75 0.00 | 37.61 1.96 0.00 | 48.17 3.36 0.00 | 55.67 4.55 0.00 | 45.17 3.31 0.00 | 40.25 2.49 -0.02 | 40.43 2.31 -2.51 | 40.59 2.31 -4.26 | 40.66 2.29 -4.78 | 39.89 2.25 -4.97 | 40.64 2.30 -4.92 | 40.09 2.28 -3.26 | 42.87 2.50 -3.60 | 50.69 3.40 -4.80 | 55.70 3.62 -6.84 | 49.81 3.29 -4.82 | 42.82 2.96 -1.49 | 41.89 2.69 -1.24 | 40.37 2.43 -1.64 | 37.74 2.27 -0.01 |
| NYPA__ASTORIA_CC1 323568 | 37.10 1.80 0.00 | 34.36 1.85 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.57 4.45 0.00 | 45.09 3.22 0.00 | 40.18 2.42 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.60 2.22 -4.78 | 39.83 2.19 -4.97 | 40.57 2.24 -4.92 | 40.06 2.24 -3.26 | 42.79 2.43 -3.60 | 50.54 3.32 -4.73 | 50.71 3.53 -1.94 | 49.09 3.21 -4.17 | 42.75 2.88 -1.49 | 41.85 2.66 -1.24 | 39.67 2.39 -0.98 | 37.71 2.24 -0.01 |
| NYPA__ASTORIA_CC2 323569 | 37.10 1.80 0.00 | 34.36 1.85 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.57 4.45 0.00 | 45.09 3.22 0.00 | 40.18 2.42 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.60 2.22 -4.78 | 39.83 2.19 -4.97 | 40.57 2.24 -4.92 | 40.06 2.24 -3.26 | 42.79 2.43 -3.60 | 50.54 3.32 -4.73 | 50.71 3.53 -1.94 | 49.09 3.21 -4.17 | 42.75 2.88 -1.49 | 41.85 2.66 -1.24 | 39.67 2.39 -0.98 | 37.71 2.24 -0.01 |
| NYPA__HOLTSVILL 23794 | 45.26 3.00 -6.96 | 42.13 2.86 -6.76 | 40.22 2.76 -5.34 | 41.25 2.76 -5.59 | 43.59 2.77 -7.79 | 47.37 3.07 -8.66 | 57.58 4.93 -7.84 | 62.24 6.18 -4.93 | 54.61 4.65 -8.10 | 51.49 3.55 -10.20 | 47.75 3.31 -8.84 | 45.93 3.27 -8.65 | 44.87 3.23 -8.04 | 42.98 3.14 -7.17 | 44.09 3.24 -7.43 | 45.17 3.28 -7.33 | 54.14 3.71 -13.66 | 68.40 4.84 -21.07 | 67.52 5.16 -17.12 | 61.04 4.67 -14.67 | 52.78 4.26 -10.14 | 51.34 3.76 -9.63 | 45.12 3.38 -5.45 | 41.91 3.19 -3.26 |
| NYPA__HELLGATE_GT1 24158 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.82 1.70 0.00 | 34.54 1.64 0.00 | 34.68 1.65 0.00 | 37.46 1.82 0.00 | 48.07 3.27 0.00 | 55.57 4.45 0.00 | 45.14 3.27 0.00 | 40.13 2.38 -0.01 | 42.51 2.24 -4.66 | 44.15 2.24 -7.90 | 44.66 2.22 -8.84 | 44.06 2.19 -9.20 | 44.76 2.24 -9.11 | 42.80 2.21 -6.04 | 45.86 2.43 -6.67 | 54.49 3.32 -8.69 | 50.92 3.53 -2.15 | 52.60 3.21 -7.69 | 44.03 2.88 -2.77 | 42.92 2.66 -2.31 | 40.52 2.39 -1.83 | 37.74 2.27 -0.01 |
| NYPA__HELLGATE_GT2 24159 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.82 1.70 0.00 | 34.54 1.64 0.00 | 34.68 1.65 0.00 | 37.46 1.82 0.00 | 48.07 3.27 0.00 | 55.57 4.45 0.00 | 45.14 3.27 0.00 | 40.13 2.38 -0.01 | 42.51 2.24 -4.66 | 44.15 2.24 -7.90 | 44.66 2.22 -8.84 | 44.06 2.19 -9.20 | 44.76 2.24 -9.11 | 42.80 2.21 -6.04 | 45.86 2.43 -6.67 | 54.49 3.32 -8.69 | 50.92 3.53 -2.15 | 52.60 3.21 -7.69 | 44.03 2.88 -2.77 | 42.92 2.66 -2.31 | 40.52 2.39 -1.83 | 37.74 2.27 -0.01 |
| NYS_BARGE__HYD 23848 | 31.88 -3.42 0.00 | 29.36 -3.15 0.00 | 29.01 -3.12 0.00 | 29.77 -3.13 0.00 | 29.86 -3.17 0.00 | 32.76 -2.89 0.00 | 40.09 -4.70 0.01 | 45.24 -5.88 0.01 | 37.00 -4.86 0.01 | 33.59 -4.15 0.00 | 31.73 -3.88 0.00 | 30.27 -3.74 0.00 | 30.04 -3.56 0.00 | 29.01 -3.66 0.00 | 29.69 -3.71 0.01 | 30.78 -3.77 0.01 | 32.15 -4.56 0.06 | 37.50 -4.97 0.01 | 39.98 -5.25 0.01 | 36.98 -4.71 0.01 | 34.11 -4.26 0.01 | 32.79 -4.82 0.34 | 31.92 -4.32 0.06 | 31.63 -3.83 0.00 |
| OAK ORCHARD__HYD 24046 | 33.22 -2.08 0.00 | 30.52 -1.98 0.00 | 30.16 -1.96 0.00 | 30.92 -1.97 0.00 | 30.98 -2.05 0.00 | 33.83 -1.82 0.00 | 42.28 -2.51 0.01 | 48.14 -2.97 0.02 | 39.17 -2.68 0.02 | 35.25 -2.49 0.00 | 33.15 -2.46 0.00 | 31.66 -2.35 0.00 | 31.31 -2.29 0.00 | 30.32 -2.35 0.00 | 31.03 -2.37 0.01 | 32.13 -2.42 0.01 | 34.21 -2.50 0.06 | 39.84 -2.63 0.02 | 42.46 -2.76 0.02 | 39.26 -2.42 0.02 | 36.10 -2.26 0.02 | 35.09 -2.51 0.35 | 33.77 -2.47 0.06 | 32.98 -2.48 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 35.19 -0.11 0.00 | 32.48 -0.03 0.00 | 32.12 0.00 0.00 | 32.89 0.00 0.00 | 32.99 -0.03 0.00 | 35.82 0.18 0.00 | 45.31 0.49 -0.01 | 51.19 0.05 -0.01 | 42.09 0.21 -0.01 | 37.67 -0.08 0.00 | 35.46 -0.14 0.00 | 33.84 -0.17 0.00 | 33.47 -0.13 0.00 | 32.48 -0.20 0.00 | 33.21 -0.20 0.00 | 34.41 -0.14 0.00 | 36.53 -0.22 0.02 | 42.63 0.13 -0.01 | 45.34 0.09 -0.01 | 41.84 0.13 -0.01 | 38.55 0.15 -0.01 | 37.56 -0.27 0.12 | 35.95 -0.33 0.02 | 35.36 -0.11 0.00 |
| OCC_CHEM__DRP 24175 | 31.31 -3.99 0.00 | 29.10 -3.41 0.00 | 28.97 -3.15 0.00 | 29.74 -3.16 0.00 | 29.36 -3.67 0.00 | 32.37 -3.28 0.00 | 40.14 -4.66 0.01 | 44.57 -6.54 0.01 | 36.75 -5.11 0.01 | 32.95 -4.79 0.00 | 31.15 -4.45 0.00 | 29.72 -4.29 0.00 | 29.50 -4.10 0.00 | 28.56 -4.12 0.00 | 29.16 -4.24 0.01 | 30.26 -4.28 0.01 | 31.57 -5.15 0.06 | 36.83 -5.65 0.01 | 39.21 -6.02 0.01 | 36.10 -5.59 0.01 | 33.46 -4.91 0.01 | 32.22 -5.39 0.34 | 31.41 -4.83 0.06 | 31.10 -4.36 0.00 |

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| OH_GEN_PROXY 24063 | 31.81 -3.50 0.00 | 29.29 -3.22 0.00 | 28.94 -3.18 0.00 | 29.70 -3.19 0.00 | 29.79 -3.24 0.00 | 33.49 -2.99 -0.84 | 39.21 -4.75 0.85 | 45.24 -5.88 0.01 | 37.00 -4.86 0.01 | 33.55 -4.19 0.00 | 31.76 -3.85 0.00 | 30.34 -3.67 0.00 | 30.11 -3.50 0.00 | 29.11 -3.56 0.00 | 29.76 -3.64 0.01 | 30.85 -3.70 0.01 | 32.26 -4.45 0.06 | 37.55 -4.93 0.01 | 39.98 -5.25 0.01 | 37.02 -4.67 0.01 | 34.15 -4.22 0.01 | 32.90 -4.71 0.34 | 32.03 -4.21 0.06 | 31.67 -3.79 0.00 |
| OLIN_CORP_DRP 24177 | 31.31 -3.99 0.00 | 29.10 -3.41 0.00 | 28.97 -3.15 0.00 | 29.74 -3.16 0.00 | 29.36 -3.67 0.00 | 32.37 -3.28 0.00 | 40.14 -4.66 0.01 | 44.57 -6.54 0.01 | 36.75 -5.11 0.01 | 32.95 -4.79 0.00 | 31.15 -4.45 0.00 | 29.72 -4.29 0.00 | 29.50 -4.10 0.00 | 28.56 -4.12 0.00 | 29.16 -4.24 0.01 | 30.26 -4.28 0.01 | 31.57 -5.15 0.06 | 36.83 -5.65 0.01 | 39.21 -6.02 0.01 | 36.10 -5.59 0.01 | 33.46 -4.91 0.01 | 32.22 -5.39 0.34 | 31.41 -4.83 0.06 | 31.10 -4.36 0.00 |
| OLIN_CORP_DSASP 323712 | 31.31 -3.99 0.00 | 28.84 -3.67 0.00 | 28.49 -3.63 0.00 | 29.24 -3.65 0.00 | 29.36 -3.67 0.00 | 32.15 -3.49 0.00 | 39.33 -5.47 0.01 | 44.36 -6.75 0.01 | 36.29 -5.57 0.01 | 32.95 -4.79 0.00 | 31.15 -4.45 0.00 | 29.76 -4.25 0.00 | 29.53 -4.07 0.00 | 28.55 -4.12 0.00 | 29.19 -4.21 0.01 | 30.23 -4.32 0.01 | 31.60 -5.11 0.06 | 36.83 -5.65 0.01 | 39.21 -6.02 0.01 | 36.27 -5.42 0.01 | 33.46 -4.91 0.01 | 32.22 -5.39 0.34 | 31.41 -4.83 0.06 | 31.10 -4.36 0.00 |
| ONEIDA_HERK_LFGE 323681 | 36.18 0.88 0.00 | 33.29 0.78 0.00 | 32.89 0.77 0.00 | 33.72 0.82 0.00 | 33.95 0.92 0.00 | 36.75 1.11 0.00 | 46.46 1.66 0.00 | 53.12 1.99 0.00 | 43.25 1.38 0.00 | 38.84 1.10 0.00 | 36.39 0.78 0.00 | 34.62 0.61 0.00 | 34.17 0.57 0.00 | 33.19 0.52 0.00 | 33.98 0.57 0.00 | 35.24 0.69 0.00 | 37.75 0.99 0.01 | 43.97 1.49 0.00 | 46.87 1.63 0.00 | 43.16 1.46 0.00 | 39.73 1.34 0.00 | 39.00 1.10 0.05 | 37.19 0.91 0.01 | 36.35 0.89 0.00 |
| ONEIDA___115KV_TB4 55905 | 36.25 0.95 0.00 | 33.42 0.91 0.00 | 33.02 0.90 0.00 | 33.85 0.95 0.00 | 34.02 0.99 0.00 | 36.96 1.32 0.00 | 46.82 2.02 0.00 | 53.27 2.15 0.00 | 43.50 1.63 0.00 | 38.99 1.25 0.00 | 36.53 0.93 0.00 | 34.79 0.78 0.00 | 34.34 0.74 0.00 | 33.36 0.69 0.00 | 34.15 0.74 0.00 | 35.38 0.83 0.00 | 37.85 1.10 0.02 | 44.10 1.61 0.00 | 46.96 1.72 0.00 | 43.29 1.58 0.00 | 39.84 1.46 0.00 | 38.98 1.14 0.11 | 37.22 0.94 0.02 | 36.42 0.96 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 34.42 -0.88 0.00 | 31.76 -0.75 0.00 | 31.38 -0.74 0.00 | 32.14 -0.76 0.00 | 32.23 -0.79 0.00 | 35.00 -0.64 0.00 | 44.27 -0.54 -0.01 | 50.36 -0.77 -0.01 | 41.20 -0.67 -0.01 | 36.91 -0.83 0.00 | 34.72 -0.89 0.00 | 33.13 -0.88 0.00 | 32.73 -0.87 0.00 | 31.76 -0.91 0.00 | 32.51 -0.90 0.00 | 33.65 -0.90 0.00 | 35.89 -0.85 0.03 | 41.77 -0.72 -0.01 | 44.52 -0.72 -0.01 | 41.08 -0.63 -0.01 | 37.81 -0.58 -0.01 | 36.94 -0.83 0.18 | 35.32 -0.94 0.03 | 34.54 -0.92 0.00 |
| ONONDAGA___COGEN 23986 | 34.45 -0.85 0.00 | 31.76 -0.75 0.00 | 31.41 -0.71 0.00 | 32.17 -0.72 0.00 | 32.27 -0.76 0.00 | 35.00 -0.64 0.00 | 44.28 -0.54 -0.01 | 50.37 -0.77 -0.01 | 41.17 -0.71 -0.01 | 36.91 -0.83 0.00 | 34.72 -0.89 0.00 | 33.13 -0.88 0.00 | 32.73 -0.87 0.00 | 31.76 -0.91 0.00 | 32.47 -0.94 0.00 | 33.65 -0.90 0.00 | 35.90 -0.85 0.02 | 41.78 -0.72 -0.01 | 44.48 -0.77 -0.01 | 41.09 -0.63 -0.01 | 37.82 -0.58 -0.01 | 36.99 -0.83 0.12 | 35.33 -0.94 0.02 | 34.58 -0.89 0.00 |
| ONTARIO___LFGE 23819 | 34.88 -0.42 0.00 | 32.12 -0.39 0.00 | 31.74 -0.38 0.00 | 32.53 -0.36 0.00 | 32.67 -0.36 0.00 | 35.65 0.00 0.00 | 44.98 0.04 -0.13 | 51.39 0.10 -0.16 | 41.86 -0.17 -0.16 | 37.48 -0.26 0.00 | 35.25 -0.36 0.00 | 33.57 -0.44 0.00 | 33.16 -0.44 0.00 | 32.15 -0.52 0.00 | 32.87 -0.54 0.01 | 34.07 -0.48 0.01 | 36.33 -0.40 0.04 | 42.52 -0.13 -0.16 | 45.26 -0.14 -0.16 | 41.90 0.04 -0.16 | 38.54 0.00 -0.16 | 37.25 -0.45 0.25 | 35.67 -0.58 0.04 | 35.07 -0.39 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 32.37 -2.93 0.00 | 29.84 -2.67 0.00 | 29.45 -2.67 0.00 | 30.26 -2.63 0.00 | 30.35 -2.67 0.00 | 33.29 -2.35 0.00 | 40.72 -4.08 0.01 | 45.75 -5.37 0.01 | 37.59 -4.27 0.01 | 34.19 -3.55 0.00 | 32.37 -3.24 0.00 | 30.88 -3.13 0.00 | 30.61 -2.99 0.00 | 29.60 -3.07 0.00 | 30.23 -3.18 0.01 | 31.37 -3.18 0.01 | 32.56 -4.16 0.05 | 38.06 -4.42 0.01 | 40.48 -4.75 0.01 | 37.48 -4.21 0.01 | 34.61 -3.76 0.01 | 33.10 -4.52 0.33 | 32.25 -3.99 0.05 | 32.24 -3.23 0.00 |
| ORANGEVILLE___ESR 323794 | 32.37 -2.93 0.00 | 29.84 -2.67 0.00 | 29.45 -2.67 0.00 | 30.26 -2.63 0.00 | 30.35 -2.67 0.00 | 33.29 -2.35 0.00 | 40.72 -4.08 0.01 | 45.75 -5.37 0.01 | 37.59 -4.27 0.01 | 34.19 -3.55 0.00 | 32.37 -3.24 0.00 | 30.88 -3.13 0.00 | 30.61 -2.99 0.00 | 29.60 -3.07 0.00 | 30.23 -3.18 0.01 | 31.37 -3.18 0.01 | 32.56 -4.16 0.05 | 38.06 -4.42 0.01 | 40.48 -4.75 0.01 | 37.48 -4.21 0.01 | 34.61 -3.76 0.01 | 33.10 -4.52 0.33 | 32.25 -3.99 0.05 | 32.24 -3.23 0.00 |
| OSWEGATCHIE___HYD 24044 | 35.23 -0.07 0.00 | 32.32 -0.19 0.00 | 31.96 -0.16 0.00 | 32.80 -0.10 0.00 | 33.03 0.00 0.00 | 35.54 -0.11 0.00 | 44.54 -0.27 0.00 | 50.77 -0.36 0.00 | 41.58 -0.29 0.00 | 37.63 -0.11 0.00 | 35.28 -0.32 0.00 | 33.50 -0.51 0.00 | 33.03 -0.57 0.00 | 32.15 -0.52 0.00 | 32.88 -0.54 0.00 | 34.11 -0.45 0.00 | 36.55 -0.22 0.00 | 42.36 -0.13 0.00 | 45.10 -0.14 0.00 | 41.53 -0.17 0.00 | 38.19 -0.19 0.00 | 37.80 -0.15 0.00 | 36.15 -0.14 0.00 | 35.46 0.00 0.00 |
| OSWEGO___5 23606 | 33.89 -1.41 0.00 | 31.24 -1.27 0.00 | 30.83 -1.29 0.00 | 31.61 -1.28 0.00 | 31.74 -1.29 0.00 | 34.33 -1.32 0.00 | 43.28 -1.52 0.00 | 49.44 -1.69 0.00 | 40.32 -1.55 0.00 | 36.23 -1.51 0.00 | 34.11 -1.49 0.00 | 32.61 -1.40 0.00 | 32.22 -1.38 0.00 | 31.30 -1.37 0.00 | 32.02 -1.40 -0.01 | 33.15 -1.42 -0.01 | 35.42 -1.43 -0.09 | 41.00 -1.49 0.00 | 43.66 -1.58 0.00 | 40.28 -1.42 0.00 | 37.08 -1.31 0.00 | 37.03 -1.44 -0.53 | 34.89 -1.49 -0.09 | 34.01 -1.46 0.00 |
| OSWEGO___6 23613 | 33.89 -1.41 0.00 | 31.24 -1.27 0.00 | 30.83 -1.29 0.00 | 31.61 -1.28 0.00 | 31.74 -1.29 0.00 | 34.33 -1.32 0.00 | 43.28 -1.52 0.00 | 49.44 -1.69 0.00 | 40.32 -1.55 0.00 | 36.23 -1.51 0.00 | 34.11 -1.49 0.00 | 32.61 -1.40 0.00 | 32.22 -1.38 0.00 | 31.30 -1.37 0.00 | 32.02 -1.40 -0.01 | 33.15 -1.42 -0.01 | 35.42 -1.43 -0.09 | 41.00 -1.49 0.00 | 43.66 -1.58 0.00 | 40.28 -1.42 0.00 | 37.08 -1.31 0.00 | 37.03 -1.44 -0.53 | 34.89 -1.49 -0.09 | 34.01 -1.46 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 32.16 -3.14 0.00 | 29.88 -2.63 0.00 | 29.74 -2.38 0.00 | 30.53 -2.37 0.00 | 30.15 -2.87 0.00 | 33.26 -2.39 0.00 | 41.35 -3.45 0.01 | 45.75 -5.37 0.01 | 37.80 -4.06 0.01 | 33.97 -3.77 0.00 | 32.08 -3.52 0.00 | 30.57 -3.43 0.00 | 30.34 -3.26 0.00 | 29.34 -3.33 0.00 | 29.96 -3.44 0.01 | 31.09 -3.46 0.01 | 32.34 -4.38 0.05 | 37.85 -4.63 0.01 | 40.34 -4.89 0.01 | 37.06 -4.63 0.01 | 34.34 -4.03 0.01 | 32.98 -4.63 0.34 | 32.14 -4.10 0.05 | 31.95 -3.51 0.00 |
| OXBOW___BTM 323836 | 31.74 -3.56 0.00 | 29.26 -3.25 0.00 | 28.91 -3.21 0.00 | 29.67 -3.22 0.00 | 29.76 -3.27 0.00 | 32.65 -2.99 0.00 | 39.91 -4.88 0.01 | 45.03 -6.08 0.01 | 36.87 -4.98 0.01 | 33.48 -4.27 0.00 | 31.65 -3.95 0.00 | 30.20 -3.81 0.00 | 29.97 -3.63 0.00 | 28.95 -3.73 0.00 | 29.59 -3.81 0.01 | 30.68 -3.87 0.01 | 32.04 -4.67 0.05 | 37.38 -5.10 0.01 | 39.80 -5.43 0.01 | 36.81 -4.88 0.01 | 33.96 -4.41 0.01 | 32.64 -4.97 0.34 | 31.81 -4.43 0.05 | 31.53 -3.94 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| OXBOW____ 24026 | 31.77 -3.53 0.00 | 29.49 -3.02 0.00 | 29.39 -2.73 0.00 | 30.16 -2.73 0.00 | 29.76 -3.27 0.00 | 32.83 -2.82 0.00 | 40.81 -3.99 0.01 | 45.18 -5.93 0.01 | 37.29 -4.56 0.01 | 33.48 -4.27 0.00 | 31.65 -3.95 0.00 | 30.20 -3.81 0.00 | 29.94 -3.66 0.00 | 28.98 -3.69 0.00 | 29.60 -3.81 0.01 | 30.71 -3.84 0.01 | 32.01 -4.71 0.05 | 37.38 -5.10 0.01 | 39.85 -5.38 0.01 | 36.64 -5.05 0.01 | 33.92 -4.45 0.01 | 32.64 -4.97 0.34 | 31.81 -4.43 0.05 | 31.53 -3.94 0.00 |
| OXY_CHEM_DSASP 323612 | 31.31 -3.99 0.00 | 29.10 -3.41 0.00 | 28.97 -3.15 0.00 | 29.74 -3.16 0.00 | 29.36 -3.67 0.00 | 32.37 -3.28 0.00 | 40.14 -4.66 0.01 | 44.57 -6.54 0.01 | 36.75 -5.11 0.01 | 32.95 -4.79 0.00 | 31.15 -4.45 0.00 | 29.72 -4.29 0.00 | 29.50 -4.10 0.00 | 28.56 -4.12 0.00 | 29.16 -4.24 0.01 | 30.26 -4.28 0.01 | 31.57 -5.15 0.06 | 36.83 -5.65 0.01 | 39.21 -6.02 0.01 | 36.10 -5.59 0.01 | 33.46 -4.91 0.01 | 32.22 -5.39 0.34 | 31.41 -4.83 0.06 | 31.10 -4.36 0.00 |
| OZONE_PARK_ESR 323760 | 37.49 2.19 0.00 | 34.52 2.02 0.00 | 34.02 1.90 0.00 | 34.77 1.87 0.00 | 35.01 1.98 0.00 | 37.82 2.17 0.00 | 48.21 3.41 0.00 | 55.11 3.99 0.00 | 45.47 3.60 0.00 | 40.59 2.83 -0.02 | 40.73 2.63 -2.49 | 40.85 2.62 -4.22 | 40.91 2.59 -4.73 | 40.14 2.55 -4.92 | 40.89 2.61 -4.87 | 40.40 2.63 -3.22 | 43.23 2.90 -3.56 | 50.92 3.78 -4.65 | 50.95 4.03 -1.68 | 49.48 3.67 -4.11 | 43.19 3.34 -1.47 | 42.06 2.88 -1.23 | 39.92 2.65 -0.97 | 37.95 2.48 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 31.31 -3.99 0.00 | 29.10 -3.41 0.00 | 28.97 -3.15 0.00 | 29.74 -3.16 0.00 | 29.36 -3.67 0.00 | 32.37 -3.28 0.00 | 40.14 -4.66 0.01 | 44.57 -6.54 0.01 | 36.75 -5.11 0.01 | 32.95 -4.79 0.00 | 31.15 -4.45 0.00 | 29.72 -4.29 0.00 | 29.50 -4.10 0.00 | 28.56 -4.12 0.00 | 29.16 -4.24 0.01 | 30.26 -4.28 0.01 | 31.57 -5.15 0.06 | 36.83 -5.65 0.01 | 39.21 -6.02 0.01 | 36.10 -5.59 0.01 | 33.46 -4.91 0.01 | 32.22 -5.39 0.34 | 31.41 -4.83 0.06 | 31.10 -4.36 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 31.31 -3.99 0.00 | 29.10 -3.41 0.00 | 28.97 -3.15 0.00 | 29.74 -3.16 0.00 | 29.36 -3.67 0.00 | 32.37 -3.28 0.00 | 40.14 -4.66 0.01 | 44.57 -6.54 0.01 | 36.75 -5.11 0.01 | 32.95 -4.79 0.00 | 31.15 -4.45 0.00 | 29.72 -4.29 0.00 | 29.50 -4.10 0.00 | 28.56 -4.12 0.00 | 29.16 -4.24 0.01 | 30.26 -4.28 0.01 | 31.57 -5.15 0.06 | 36.83 -5.65 0.01 | 39.21 -6.02 0.01 | 36.10 -5.59 0.01 | 33.46 -4.91 0.01 | 32.22 -5.39 0.34 | 31.41 -4.83 0.06 | 31.10 -4.36 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 37.03 1.73 0.00 | 34.17 1.66 0.00 | 33.63 1.51 0.00 | 34.34 1.45 0.00 | 34.65 1.62 0.00 | 37.32 1.68 0.00 | 47.58 2.78 0.00 | 54.45 3.32 0.00 | 44.88 3.01 0.00 | 40.02 2.26 -0.02 | 37.81 2.10 -0.10 | 36.30 2.11 -0.18 | 35.89 2.08 -0.20 | 34.94 2.06 -0.21 | 35.73 2.11 -0.21 | 36.80 2.11 -0.13 | 39.27 2.35 -0.15 | 45.98 3.14 -0.35 | 50.85 3.44 -2.17 | 45.09 3.13 -0.27 | 41.28 2.84 -0.06 | 40.39 2.39 -0.05 | 38.58 2.25 -0.04 | 37.63 2.16 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 37.45 2.15 0.00 | 34.59 2.08 0.00 | 34.05 1.93 0.00 | 34.77 1.87 0.00 | 35.04 2.01 0.00 | 37.75 2.10 0.00 | 48.12 3.32 0.00 | 55.01 3.89 0.00 | 45.38 3.52 0.00 | 40.44 2.68 -0.02 | 38.20 2.49 -0.10 | 36.67 2.48 -0.18 | 36.22 2.42 -0.20 | 35.27 2.39 -0.21 | 36.06 2.44 -0.21 | 37.14 2.45 -0.13 | 39.64 2.72 -0.15 | 46.45 3.61 -0.35 | 51.35 3.94 -2.17 | 45.55 3.59 -0.27 | 41.67 3.22 -0.06 | 40.80 2.81 -0.05 | 38.98 2.65 -0.04 | 38.02 2.55 0.00 |
| PATROON__115KV_TB1 80586 | 36.01 0.71 0.00 | 33.16 0.65 0.00 | 32.73 0.61 0.00 | 33.49 0.59 0.00 | 33.66 0.63 0.00 | 36.39 0.75 0.00 | 46.02 1.21 0.00 | 52.51 1.38 0.00 | 43.00 1.13 0.00 | 38.39 0.64 0.00 | 36.14 0.53 0.00 | 34.72 0.71 0.00 | 34.24 0.64 0.00 | 33.33 0.65 0.00 | 34.15 0.74 0.00 | 35.25 0.69 0.00 | 37.50 0.74 0.00 | 43.55 1.06 0.00 | 46.51 1.27 0.00 | 42.83 1.13 0.00 | 39.42 1.04 0.00 | 38.71 0.76 0.00 | 36.95 0.65 0.00 | 36.10 0.64 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 33.18 -2.12 0.00 | 30.82 -1.69 0.00 | 30.64 -1.48 0.00 | 31.45 -1.45 0.00 | 31.15 -1.88 0.00 | 34.33 -1.32 0.00 | 42.83 -1.97 0.01 | 45.80 -5.32 0.01 | 38.93 -2.93 0.01 | 35.10 -2.64 0.00 | 33.18 -2.42 0.00 | 31.63 -2.38 0.00 | 31.35 -2.25 0.00 | 30.32 -2.35 0.00 | 30.97 -2.44 0.01 | 32.16 -2.38 0.01 | 32.60 -4.12 0.05 | 38.53 -3.95 0.01 | 40.93 -4.30 0.01 | 37.48 -4.21 0.01 | 35.04 -3.34 0.01 | 32.84 -4.78 0.32 | 32.21 -4.03 0.05 | 33.09 -2.38 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 37.35 2.05 0.00 | 34.43 1.92 0.00 | 33.95 1.83 0.00 | 34.77 1.87 0.00 | 34.84 1.82 0.00 | 37.57 1.92 0.00 | 47.90 3.09 0.00 | 54.86 3.73 0.00 | 44.97 3.10 0.00 | 40.01 2.26 0.00 | 37.67 2.07 0.00 | 36.05 2.04 0.00 | 35.52 1.92 0.00 | 34.57 1.89 0.00 | 35.38 1.97 0.00 | 36.52 1.97 0.00 | 39.05 2.28 0.00 | 45.63 3.14 0.00 | 48.63 3.39 0.00 | 44.79 3.09 0.00 | 41.19 2.80 0.00 | 40.26 2.31 0.00 | 38.40 2.11 0.00 | 37.41 1.95 0.00 |
| PEEKSKILL____ 23653 | 37.03 1.73 0.00 | 34.20 1.69 0.00 | 33.73 1.61 0.00 | 34.51 1.61 0.00 | 34.58 1.55 0.00 | 37.36 1.71 0.00 | 47.72 2.91 0.00 | 55.06 3.94 0.00 | 44.75 2.89 0.00 | 39.82 2.07 0.00 | 37.53 1.92 0.00 | 35.91 1.90 0.00 | 35.45 1.85 0.00 | 34.50 1.83 0.00 | 35.28 1.87 0.00 | 36.42 1.86 0.00 | 38.86 2.09 0.00 | 45.41 2.89 -0.03 | 48.58 3.08 -0.26 | 44.52 2.79 -0.02 | 40.92 2.53 0.00 | 40.11 2.16 0.00 | 38.22 1.92 0.00 | 37.24 1.77 0.00 |
| PGE MADISON__WINDPWR 24146 | 39.08 3.78 0.00 | 35.99 3.48 0.00 | 35.56 3.44 0.00 | 36.51 3.62 0.00 | 36.86 3.83 0.00 | 40.14 4.49 0.00 | 51.14 6.32 -0.01 | 58.45 7.31 -0.01 | 47.11 5.23 -0.01 | 41.90 4.15 0.00 | 38.85 3.24 0.00 | 36.76 2.75 0.00 | 36.22 2.62 0.00 | 35.12 2.45 0.00 | 35.98 2.57 0.00 | 37.52 2.97 0.00 | 40.61 3.86 0.02 | 48.07 5.56 -0.01 | 51.27 6.02 -0.01 | 47.26 5.55 -0.01 | 43.42 5.03 -0.01 | 42.12 4.29 0.12 | 40.02 3.74 0.02 | 39.26 3.80 0.00 |
| PIERCEFIELD__HYD 23852 | 35.34 0.04 0.00 | 32.35 -0.16 0.00 | 32.02 -0.10 0.00 | 32.89 0.00 0.00 | 33.09 0.07 0.00 | 35.47 -0.18 0.00 | 44.00 -0.81 0.00 | 50.46 -0.66 0.00 | 41.24 -0.63 0.00 | 37.63 -0.11 0.00 | 35.43 -0.18 0.00 | 33.57 -0.44 0.00 | 33.16 -0.44 0.00 | 32.28 -0.39 0.00 | 32.98 -0.43 0.00 | 34.14 -0.41 0.00 | 36.44 -0.33 0.00 | 41.94 -0.55 0.00 | 44.56 -0.68 0.00 | 41.03 -0.67 0.00 | 37.73 -0.65 0.00 | 37.68 -0.27 0.00 | 36.19 -0.11 0.00 | 35.61 0.14 0.00 |
| PINELAWN_CC_1 323563 | 45.02 2.76 -6.96 | 41.90 2.63 -6.76 | 39.99 2.54 -5.34 | 41.02 2.53 -5.59 | 43.36 2.54 -7.79 | 47.12 2.82 -8.66 | 57.13 4.48 -7.84 | 61.73 5.67 -4.93 | 54.23 4.27 -8.10 | 51.22 3.28 -10.20 | 47.50 3.06 -8.84 | 45.69 3.03 -8.65 | 44.60 2.96 -8.04 | 42.72 2.88 -7.17 | 43.82 2.97 -7.43 | 44.93 3.04 -7.33 | 53.81 3.38 -13.66 | 67.98 4.42 -21.07 | 67.09 4.70 -17.14 | 60.58 4.21 -14.67 | 52.36 3.84 -10.14 | 51.00 3.42 -9.63 | 44.83 3.08 -5.45 | 41.63 2.91 -3.26 |
| PJM_GEN_HTP_PROXY 323702 | 37.13 1.83 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.71 1.68 0.00 | 38.37 1.89 -0.84 | 47.24 3.27 0.84 | 55.52 4.40 0.00 | 45.14 3.27 0.00 | 40.21 2.45 -0.02 | 40.31 2.24 -2.46 | 40.43 2.24 -4.18 | 40.47 2.18 -4.68 | 39.70 2.16 -4.87 | 40.44 2.20 -4.82 | 39.96 2.21 -3.19 | 42.76 2.46 -3.53 | 50.37 3.27 -4.61 | 50.39 3.48 -1.67 | 48.90 3.13 -4.07 | 42.68 2.84 -1.46 | 41.63 2.47 -1.22 | 39.51 2.25 -0.96 | 37.56 2.09 -0.01 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|
| PJM_GEN_KEystone | 34.70 | 32.02 | 31.61 | 32.37 | 32.50 | 36.16 | 43.43 | 50.41 | 41.20 | 37.03 | 34.93 | 33.40 | 33.03 | 32.05 | 32.77 | 33.89 | 35.71 | 41.78 | 44.49 | 41.00 | 37.77 | 36.57 | 35.18 | 34.76 |
| 24065 | -0.60 | -0.49 | -0.52 | -0.53 | -0.53 | -0.32 | -0.54 | -0.72 | -0.67 | -0.72 | -0.68 | -0.61 | -0.57 | -0.62 | -0.64 | -0.66 | -1.03 | -0.72 | -0.86 | -0.71 | -0.62 | -1.22 | -1.09 | -0.71 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.84 | 0.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | -0.01 | -0.11 | -0.01 | 0.00 | 0.16 | 0.03 | 0.00 |
| PJM_GEN_NEPTUNE_PROXY | 44.49 | 41.41 | 39.54 | 40.56 | 42.86 | 47.43 | 55.44 | 60.76 | 53.48 | 50.62 | 46.93 | 45.11 | 44.07 | 42.23 | 43.28 | 44.34 | 53.11 | 67.13 | 66.20 | 59.79 | 51.63 | 50.31 | 44.24 | 41.06 |
| 323594 | 2.23 | 2.15 | 2.09 | 2.07 | 2.05 | 2.28 | 3.63 | 4.70 | 3.52 | 2.68 | 2.49 | 2.45 | 2.42 | 2.38 | 2.44 | 2.45 | 2.68 | 3.57 | 3.80 | 3.42 | 3.11 | 2.73 | 2.50 | 2.34 |
| | -6.96 | -6.76 | -5.34 | -5.59 | -7.79 | -9.50 | -7.01 | -4.93 | -8.09 | -10.20 | -8.84 | -8.65 | -8.04 | -7.17 | -7.43 | -7.33 | -13.66 | -21.07 | -17.16 | -14.67 | -10.14 | -9.63 | -5.44 | -3.26 |
| PJM_GEN_VFT_PROXY | 36.96 | 34.17 | 33.69 | 34.47 | 34.58 | 38.23 | 42.77 | 43.30 | 42.37 | 40.06 | 40.23 | 40.37 | 40.41 | 39.65 | 40.39 | 39.89 | 41.63 | 42.26 | 48.28 | 42.72 | 41.89 | 41.50 | 39.41 | 37.46 |
| 323633 | 1.66 | 1.66 | 1.57 | 1.58 | 1.55 | 1.75 | 3.09 | 4.19 | 3.14 | 2.30 | 2.14 | 2.14 | 2.08 | 2.06 | 2.11 | 2.11 | 2.36 | 3.10 | 3.30 | 3.00 | 2.77 | 2.32 | 2.14 | 1.98 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.84 | 5.13 | 12.01 | 2.64 | -0.02 | -2.49 | -4.22 | -4.73 | -4.92 | -4.87 | -3.22 | -2.50 | 3.33 | 0.26 | 1.98 | -0.75 | -1.23 | -0.97 | -0.01 |
| PLATSBRG_115KV_PMLD1 | 37.07 | 33.84 | 33.57 | 34.47 | 34.65 | 37.36 | 46.10 | 52.71 | 43.17 | 39.40 | 37.14 | 35.10 | 34.84 | 33.91 | 34.68 | 35.87 | 38.31 | 44.10 | 46.69 | 42.99 | 39.54 | 39.43 | 37.60 | 37.45 |
| 355749 | 1.77 | 1.33 | 1.45 | 1.58 | 1.62 | 1.71 | 1.30 | 1.58 | 1.30 | 1.66 | 1.53 | 1.09 | 1.24 | 1.24 | 1.27 | 1.31 | 1.54 | 1.61 | 1.45 | 1.29 | 1.15 | 1.48 | 1.31 | 1.99 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PLEASANTVLY__LBMP | 36.85 | 33.97 | 33.50 | 34.24 | 34.45 | 37.14 | 47.18 | 53.89 | 44.21 | 39.48 | 37.21 | 35.68 | 35.21 | 34.27 | 35.05 | 36.21 | 38.57 | 44.94 | 47.80 | 44.07 | 40.53 | 39.73 | 37.93 | 37.02 |
| 24000 | 1.55 | 1.46 | 1.38 | 1.35 | 1.42 | 1.50 | 2.37 | 2.76 | 2.34 | 1.74 | 1.60 | 1.67 | 1.61 | 1.60 | 1.64 | 1.66 | 1.80 | 2.46 | 2.62 | 2.38 | 2.15 | 1.78 | 1.63 | 1.56 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.06 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST | 37.03 | 34.17 | 33.66 | 34.44 | 34.61 | 37.36 | 47.58 | 54.40 | 44.67 | 39.86 | 37.56 | 35.98 | 35.55 | 34.60 | 35.38 | 36.52 | 38.94 | 45.36 | 47.91 | 44.50 | 40.96 | 40.08 | 38.26 | 37.31 |
| 80602 | 1.73 | 1.66 | 1.54 | 1.55 | 1.59 | 1.71 | 2.78 | 3.27 | 2.81 | 2.11 | 1.96 | 1.97 | 1.95 | 1.93 | 1.97 | 1.97 | 2.17 | 2.93 | 3.12 | 2.84 | 2.57 | 2.13 | 1.96 | 1.84 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.45 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I | 37.03 | 34.17 | 33.66 | 34.44 | 34.61 | 37.36 | 47.58 | 54.40 | 44.67 | 39.86 | 37.56 | 35.98 | 35.55 | 34.60 | 35.38 | 36.52 | 38.94 | 45.36 | 47.91 | 44.50 | 40.96 | 40.08 | 38.26 | 37.31 |
| 345020 | 1.73 | 1.66 | 1.54 | 1.55 | 1.59 | 1.71 | 2.78 | 3.27 | 2.81 | 2.11 | 1.96 | 1.97 | 1.95 | 1.93 | 1.97 | 1.97 | 2.17 | 2.93 | 3.12 | 2.84 | 2.57 | 2.13 | 1.96 | 1.84 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.45 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G | 37.10 | 34.20 | 33.73 | 34.51 | 34.68 | 37.39 | 47.63 | 54.35 | 44.55 | 39.67 | 37.35 | 35.74 | 35.28 | 34.37 | 35.18 | 36.32 | 38.75 | 45.25 | 48.18 | 44.37 | 40.80 | 39.96 | 38.15 | 37.20 |
| 345023 | 1.80 | 1.69 | 1.61 | 1.61 | 1.65 | 1.75 | 2.82 | 3.22 | 2.68 | 1.92 | 1.74 | 1.73 | 1.68 | 1.70 | 1.77 | 1.76 | 1.99 | 2.76 | 2.94 | 2.67 | 2.42 | 2.01 | 1.85 | 1.74 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POLETTI_____ | 37.14 | 34.23 | 33.73 | 34.47 | 34.71 | 37.46 | 47.63 | 54.45 | 44.88 | 40.10 | 40.30 | 40.44 | 40.51 | 39.71 | 40.49 | 39.99 | 42.76 | 50.37 | 50.32 | 48.90 | 42.66 | 41.57 | 39.48 | 37.56 |
| 23519 | 1.84 | 1.72 | 1.61 | 1.58 | 1.68 | 1.82 | 2.82 | 3.32 | 3.01 | 2.34 | 2.21 | 2.21 | 2.18 | 2.12 | 2.21 | 2.21 | 2.43 | 3.23 | 3.39 | 3.09 | 2.80 | 2.39 | 2.21 | 2.09 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -2.49 | -4.22 | -4.73 | -4.92 | -4.87 | -3.22 | -3.56 | -4.65 | -1.69 | -4.11 | -1.47 | -1.23 | -0.97 | 0.00 |
| POMONA___ESR | 36.93 | 34.07 | 33.63 | 34.38 | 34.52 | 37.29 | 47.63 | 54.86 | 44.51 | 39.59 | 37.31 | 35.71 | 35.28 | 34.34 | 35.12 | 36.21 | 38.68 | 45.19 | 48.22 | 44.26 | 40.69 | 39.88 | 38.04 | 37.06 |
| 323819 | 1.62 | 1.56 | 1.51 | 1.48 | 1.49 | 1.64 | 2.82 | 3.73 | 2.64 | 1.85 | 1.71 | 1.70 | 1.68 | 1.67 | 1.70 | 1.66 | 1.91 | 2.68 | 2.81 | 2.54 | 2.30 | 1.93 | 1.74 | 1.60 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.17 | -0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORT_JEFF_3 | 45.37 | 42.23 | 40.31 | 41.35 | 43.69 | 47.52 | 57.75 | 62.45 | 54.78 | 51.64 | 47.89 | 46.06 | 44.97 | 43.08 | 44.19 | 45.31 | 54.29 | 68.53 | 67.61 | 61.20 | 52.94 | 51.49 | 45.23 | 42.02 |
| 23555 | 3.11 | 2.96 | 2.86 | 2.86 | 2.87 | 3.21 | 5.11 | 6.39 | 4.81 | 3.70 | 3.45 | 3.40 | 3.33 | 3.24 | 3.34 | 3.42 | 3.86 | 4.97 | 5.25 | 4.84 | 4.41 | 3.91 | 3.48 | 3.30 |
| | -6.96 | -6.76 | -5.34 | -5.59 | -7.79 | -8.66 | -7.84 | -4.93 | -8.10 | -10.20 | -8.84 | -8.65 | -8.04 | -7.17 | -7.43 | -7.33 | -13.66 | -21.07 | -17.12 | -14.67 | -10.14 | -9.63 | -5.45 | -3.26 |
| PORT_JEFF_4 | 45.37 | 42.23 | 40.31 | 41.35 | 43.69 | 47.52 | 57.75 | 62.45 | 54.78 | 51.64 | 47.89 | 46.06 | 44.97 | 43.08 | 44.19 | 45.31 | 54.29 | 68.53 | 67.61 | 61.20 | 52.94 | 51.49 | 45.23 | 42.02 |
| 23616 | 3.11 | 2.96 | 2.86 | 2.86 | 2.87 | 3.21 | 5.11 | 6.39 | 4.81 | 3.70 | 3.45 | 3.40 | 3.33 | 3.24 | 3.34 | 3.42 | 3.86 | 4.97 | 5.25 | 4.84 | 4.41 | 3.91 | 3.48 | 3.30 |
| | -6.96 | -6.76 | -5.34 | -5.59 | -7.79 | -8.66 | -7.84 | -4.93 | -8.10 | -10.20 | -8.84 | -8.65 | -8.04 | -7.17 | -7.43 | -7.33 | -13.66 | -21.07 | -17.12 | -14.67 | -10.14 | -9.63 | -5.45 | -3.26 |
| PORT_JEFF_IC | 45.37 | 42.23 | 40.31 | 41.38 | 43.72 | 47.52 | 57.75 | 62.45 | 54.82 | 51.68 | 47.93 | 46.10 | 45.00 | 43.11 | 44.22 | 45.31 | 54.33 | 68.49 | 67.56 | 61.24 | 52.94 | 51.49 | 45.26 | 42.05 |
| 23713 | 3.11 | 2.96 | 2.86 | 2.90 | 2.91 | 3.21 | 5.11 | 6.39 | 4.85 | 3.74 | 3.49 | 3.43 | 3.36 | 3.27 | 3.37 | 3.42 | 3.90 | 4.93 | 5.20 | 4.88 | 4.41 | 3.91 | 3.52 | 3.33 |
| | -6.96 | -6.76 | -5.34 | -5.59 | -7.79 | -8.66 | -7.84 | -4.93 | -8.10 | -10.20 | -8.84 | -8.65 | -8.04 | -7.17 | -7.43 | -7.33 | -13.66 | -21.07 | -17.12 | -14.67 | -10.14 | -9.63 | -5.45 | -3.26 |
| PPL PILGRIM_ST_GT1 | 45.40 | 42.26 | 40.35 | 41.38 | 43.72 | 47.52 | 57.75 | 62.45 | 54.82 | 51.68 | 47.93 | 46.10 | 45.00 | 43.11 | 44.26 | 45.34 | 54.33 | 68.61 | 67.74 | 61.20 | 52.94 | 51.53 | 45.26 | 42.05 |
| 24216 | 3.14 | 2.99 | 2.89 | 2.90 | 2.91 | 3.21 | 5.11 | 6.39 | 4.85 | 3.74 | 3.49 | 3.43 | 3.36 | 3.27 | 3.41 | 3.46 | 3.90 | 5.05 | 5.38 | 4.84 | 4.41 | 3.95 | 3.52 | 3.33 |
| | -6.96 | -6.76 | -5.34 | -5.59 | -7.79 | -8.66 | -7.84 | -4.93 | -8.10 | -10.20 | -8.84 | -8.65 | -8.04 | -7.17 | -7.43 | -7.33 | -13.66 | -21.07 | -17.12 | -14.67 | -10.14 | -9.63 | -5.45 | -3.26 |
| PPL PILGRIM_ST_GT2 | 45.40 | 42.26 | 40.35 | 41.38 | 43.72 | 47.52 | 57.75 | 62.45 | 54.82 | 51.68 | 47.93 | 46.10 | 45.00 | 43.11 | 44.26 | 45.34 | 54.33 | 68.61 | 67.74 | 61.20 | 52.94 | 51.53 | 45.26 | 42.05 |
| 24217 | 3.14 | 2.99 | 2.89 | 2.90 | 2.91 | 3.21 | 5.11 | 6.39 | 4.85 | 3.74 | 3.49 | 3.43 | 3.36 | 3.27 | 3.41 | 3.46 | 3.90 | 5.05 | 5.38 | 4.84 | 4.41 | 3.95 | 3.52 | 3.33 |
| | -6.96 | -6.76 | -5.34 | -5.59 | -7.79 | -8.66 | -7.84 | -4.93 | -8.10 | -10.20 | -8.84 | -8.65 | -8.04 | -7.17 | -7.43 | -7.33 | -13.66 | -21.07 | -17.12 | -14.67 | -10.14 | -9.63 | -5.45 | -3.26 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| PPL_SHRM_GT3 24213 | 45.54 3.28 -6.96 | 42.39 3.12 -6.76 | 40.47 3.02 -5.34 | 41.51 3.02 -5.59 | 43.89 3.07 -7.79 | 47.69 3.39 -8.66 | 58.07 5.42 -7.84 | 62.80 6.75 -4.93 | 55.03 5.06 -8.10 | 51.83 3.89 -10.20 | 48.08 3.63 -8.84 | 46.20 3.54 -8.65 | 45.14 3.49 -8.04 | 43.24 3.40 -7.17 | 44.32 3.47 -7.43 | 45.45 3.56 -7.33 | 54.51 4.08 -13.66 | 68.91 5.35 -21.07 | 68.06 5.70 -17.12 | 61.54 5.17 -14.67 | 53.20 4.68 -10.14 | 51.72 4.14 -9.63 | 45.41 3.66 -5.45 | 42.20 3.48 -3.26 |
| PPL_SHRM_GT4 24214 | 45.54 3.28 -6.96 | 42.39 3.12 -6.76 | 40.47 3.02 -5.34 | 41.51 3.02 -5.59 | 43.89 3.07 -7.79 | 47.69 3.39 -8.66 | 58.07 5.42 -7.84 | 62.80 6.75 -4.93 | 55.03 5.06 -8.10 | 51.83 3.89 -10.20 | 48.08 3.63 -8.84 | 46.20 3.54 -8.65 | 45.14 3.49 -8.04 | 43.24 3.40 -7.17 | 44.32 3.47 -7.43 | 45.45 3.56 -7.33 | 54.51 4.08 -13.66 | 68.91 5.35 -21.07 | 68.06 5.70 -17.12 | 61.54 5.17 -14.67 | 53.20 4.68 -10.14 | 51.72 4.14 -9.63 | 45.41 3.66 -5.45 | 42.20 3.48 -3.26 |
| PROJECT___ORANGE 1 24174 | 34.14 -1.16 0.00 | 31.50 -1.01 0.00 | 31.16 -0.96 0.00 | 31.91 -0.99 0.00 | 31.97 -1.06 0.00 | 34.72 -0.93 0.00 | 43.91 -0.90 0.00 | 49.90 -1.23 0.00 | 40.82 -1.05 0.00 | 36.61 -1.13 0.00 | 34.43 -1.17 0.00 | 32.85 -1.16 0.00 | 32.46 -1.14 0.00 | 31.53 -1.14 0.00 | 32.24 -1.17 0.01 | 33.38 -1.17 0.01 | 35.60 -1.14 0.03 | 41.43 -1.06 0.00 | 44.11 -1.13 0.00 | 40.70 -1.00 0.00 | 37.46 -0.92 0.00 | 36.57 -1.18 0.21 | 35.03 -1.23 0.03 | 34.26 -1.21 0.00 |
| PROJECT___ORANGE 2 24166 | 34.14 -1.16 0.00 | 31.50 -1.01 0.00 | 31.16 -0.96 0.00 | 31.91 -0.99 0.00 | 31.97 -1.06 0.00 | 34.72 -0.93 0.00 | 43.91 -0.90 0.00 | 49.90 -1.23 0.00 | 40.82 -1.05 0.00 | 36.61 -1.13 0.00 | 34.43 -1.17 0.00 | 32.85 -1.16 0.00 | 32.46 -1.14 0.00 | 31.53 -1.14 0.00 | 32.24 -1.17 0.01 | 33.38 -1.17 0.01 | 35.60 -1.14 0.03 | 41.43 -1.06 0.00 | 44.11 -1.13 0.00 | 40.70 -1.00 0.00 | 37.46 -0.92 0.00 | 36.57 -1.18 0.21 | 35.03 -1.23 0.03 | 34.26 -1.21 0.00 |
| PUCKETT___SOLAR 323809 | 36.15 0.85 0.00 | 33.32 0.81 0.00 | 32.92 0.80 0.00 | 33.75 0.85 0.00 | 33.95 0.92 0.00 | 36.86 1.21 0.00 | 46.65 1.84 -0.01 | 53.18 2.05 -0.01 | 43.18 1.30 -0.01 | 38.57 0.83 0.00 | 36.10 0.50 0.00 | 34.38 0.37 0.00 | 33.97 0.37 0.00 | 32.93 0.26 0.00 | 33.74 0.33 0.00 | 35.07 0.52 0.00 | 37.52 0.77 0.02 | 43.99 1.49 -0.01 | 46.79 1.54 -0.01 | 43.21 1.50 -0.01 | 39.77 1.38 -0.01 | 38.71 0.87 0.12 | 36.96 0.69 0.02 | 36.31 0.85 0.00 |
| PYRITES___HYD 24023 | 36.15 0.85 0.00 | 33.09 0.59 0.00 | 32.76 0.64 0.00 | 33.68 0.79 0.00 | 33.99 0.96 0.00 | 36.47 0.82 0.00 | 45.43 0.63 0.00 | 52.35 1.23 0.00 | 42.79 0.92 0.00 | 38.99 1.25 0.00 | 36.60 1.00 0.00 | 34.62 0.61 0.00 | 33.70 0.10 0.00 | 32.80 0.13 0.00 | 33.51 0.10 0.00 | 34.69 0.14 0.00 | 37.06 0.29 0.00 | 43.21 0.72 0.00 | 45.96 0.72 0.00 | 42.24 0.54 0.00 | 38.84 0.46 0.00 | 38.75 0.80 0.00 | 37.13 0.83 0.00 | 36.49 1.03 0.00 |
| QUAKERRD_115KV_BK1 80622 | 32.72 -2.58 0.00 | 30.20 -2.31 0.00 | 29.94 -2.18 0.00 | 30.69 -2.20 0.00 | 30.55 -2.48 0.00 | 33.36 -2.28 0.00 | 42.00 -2.78 0.02 | 47.72 -3.37 0.03 | 38.95 -2.89 0.03 | 34.91 -2.83 0.00 | 32.79 -2.81 0.00 | 31.29 -2.72 0.00 | 30.95 -2.65 0.00 | 29.99 -2.68 0.00 | 30.66 -2.74 0.01 | 31.78 -2.76 0.01 | 33.88 -2.83 0.06 | 39.44 -3.02 0.03 | 42.04 -3.17 0.03 | 38.84 -2.84 0.03 | 35.74 -2.61 0.03 | 34.76 -2.85 0.35 | 33.44 -2.79 0.06 | 32.59 -2.87 0.00 |
| QUENSBRY_115KV_TB8 356137 | 36.25 0.95 0.00 | 33.39 0.88 0.00 | 32.96 0.84 0.00 | 33.75 0.86 0.00 | 33.99 0.96 0.00 | 36.72 1.07 0.00 | 46.91 2.11 0.00 | 53.58 2.45 0.00 | 43.67 1.80 0.00 | 38.91 1.17 0.00 | 36.50 0.89 0.00 | 34.86 0.85 0.00 | 34.34 0.74 0.00 | 33.26 0.59 0.00 | 34.11 0.70 0.00 | 35.32 0.76 0.00 | 37.76 0.99 0.00 | 43.98 1.49 0.00 | 47.14 1.90 0.00 | 43.41 1.71 0.00 | 40.00 1.61 0.00 | 39.13 1.18 0.00 | 37.28 0.98 0.00 | 36.32 0.85 0.00 |
| RAMAPO___LBMP 323565 | 36.78 1.48 0.00 | 33.91 1.40 0.00 | 33.44 1.32 0.00 | 34.18 1.28 0.00 | 34.38 1.35 0.00 | 37.11 1.46 0.00 | 47.22 2.42 0.00 | 53.94 2.81 0.00 | 44.21 2.34 0.00 | 39.48 1.74 0.00 | 37.21 1.60 0.00 | 35.61 1.60 0.00 | 35.18 1.58 0.00 | 34.24 1.57 0.00 | 35.02 1.60 0.00 | 36.14 1.59 0.00 | 38.57 1.80 0.00 | 45.02 2.51 -0.02 | 48.07 2.67 -0.16 | 44.13 2.42 -0.01 | 40.57 2.19 0.00 | 39.73 1.78 0.00 | 37.93 1.63 0.00 | 36.95 1.49 0.00 |
| RANKINE____ 23646 | 32.69 -2.61 0.00 | 30.33 -2.18 0.00 | 30.19 -1.93 0.00 | 30.99 -1.91 0.00 | 30.65 -2.38 0.00 | 33.79 -1.85 0.00 | 42.11 -2.69 0.01 | 46.05 -5.06 0.01 | 38.42 -3.43 0.01 | 34.57 -3.17 0.00 | 32.69 -2.92 0.00 | 31.15 -2.86 0.00 | 30.91 -2.69 0.00 | 29.89 -2.78 0.00 | 30.50 -2.91 0.01 | 31.68 -2.87 0.01 | 32.67 -4.04 0.05 | 38.36 -4.12 0.01 | 40.80 -4.43 0.01 | 37.48 -4.21 0.01 | 34.84 -3.53 0.01 | 33.18 -4.44 0.33 | 32.39 -3.85 0.05 | 32.56 -2.91 0.00 |
| RAVENSWOOD_GT2_1 24244 | 37.14 1.84 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.72 2.91 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.14 2.38 -0.02 | 40.36 2.24 -2.51 | 40.49 2.21 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.21 -4.92 | 40.06 2.25 -3.26 | 42.83 2.46 -3.60 | 50.46 3.27 -4.70 | 50.43 3.48 -1.70 | 49.02 3.17 -4.15 | 42.75 2.88 -1.49 | 41.62 2.43 -1.24 | 39.57 2.29 -0.98 | 37.59 2.13 0.00 |
| RAVENSWOOD_GT2_2 24245 | 37.14 1.84 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.72 2.91 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.14 2.38 -0.02 | 40.36 2.24 -2.51 | 40.49 2.21 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.21 -4.92 | 40.06 2.25 -3.26 | 42.83 2.46 -3.60 | 50.46 3.27 -4.70 | 50.43 3.48 -1.70 | 49.02 3.17 -4.15 | 42.75 2.88 -1.49 | 41.62 2.43 -1.24 | 39.57 2.29 -0.98 | 37.59 2.13 0.00 |
| RAVENSWOOD_GT2_3 24246 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.75 1.72 0.00 | 37.50 1.85 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.01 3.14 0.00 | 40.18 2.42 -0.02 | 40.36 2.24 -2.51 | 40.52 2.24 -4.26 | 40.60 2.22 -4.78 | 39.83 2.19 -4.97 | 40.57 2.24 -4.92 | 40.06 2.25 -3.26 | 42.83 2.46 -3.60 | 50.46 3.27 -4.70 | 50.43 3.48 -1.70 | 49.02 3.17 -4.15 | 42.75 2.88 -1.49 | 41.66 2.47 -1.24 | 39.57 2.29 -0.98 | 37.59 2.13 0.00 |
| RAVENSWOOD_GT2_4 24247 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.75 1.72 0.00 | 37.50 1.85 0.00 | 47.76 2.96 0.00 | 54.60 3.48 0.00 | 45.01 3.14 0.00 | 40.18 2.42 -0.02 | 40.36 2.24 -2.51 | 40.52 2.24 -4.26 | 40.60 2.22 -4.78 | 39.83 2.19 -4.97 | 40.57 2.24 -4.92 | 40.06 2.25 -3.26 | 42.83 2.46 -3.60 | 50.46 3.27 -4.70 | 50.43 3.48 -1.70 | 49.02 3.17 -4.15 | 42.75 2.88 -1.49 | 41.66 2.47 -1.24 | 39.57 2.29 -0.98 | 37.59 2.13 0.00 |
| RAVENSWOOD_GT3_1 24248 | 37.17 1.87 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.72 2.91 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.18 2.42 -0.02 | 40.36 2.24 -2.51 | 40.52 2.24 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.21 -4.92 | 40.06 2.25 -3.26 | 42.83 2.46 -3.60 | 50.46 3.27 -4.70 | 50.43 3.48 -1.70 | 49.02 3.17 -4.15 | 42.75 2.88 -1.49 | 41.62 2.43 -1.24 | 39.57 2.29 -0.98 | 37.59 2.13 0.00 |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT3_2 24249 | 37.17 1.87 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.72 2.91 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.18 2.42 -0.02 | 40.36 2.24 -2.51 | 40.52 2.24 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.21 -4.92 | 40.06 2.25 -3.26 | 42.83 2.46 -3.60 | 50.46 3.27 -4.70 | 50.43 3.48 -1.70 | 49.02 3.17 -4.15 | 42.75 2.88 -1.49 | 41.62 2.43 -1.24 | 39.57 2.29 -0.98 | 37.59 2.13 0.00 |
| RAVENSWOOD_GT3_3 24250 | 37.21 1.91 0.00 | 34.30 1.79 0.00 | 33.79 1.67 0.00 | 34.54 1.64 0.00 | 34.78 1.75 0.00 | 37.54 1.89 0.00 | 47.81 3.00 0.00 | 54.65 3.53 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.09 2.28 -3.26 | 42.90 2.54 -3.60 | 50.55 3.36 -4.70 | 50.52 3.57 -1.70 | 49.11 3.25 -4.15 | 42.79 2.92 -1.49 | 41.70 2.50 -1.24 | 39.60 2.32 -0.98 | 37.63 2.16 0.00 |
| RAVENSWOOD_GT3_4 24251 | 37.21 1.91 0.00 | 34.30 1.79 0.00 | 33.79 1.67 0.00 | 34.54 1.64 0.00 | 34.78 1.75 0.00 | 37.54 1.89 0.00 | 47.81 3.00 0.00 | 54.65 3.53 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.09 2.28 -3.26 | 42.90 2.54 -3.60 | 50.55 3.36 -4.70 | 50.52 3.57 -1.70 | 49.11 3.25 -4.15 | 42.79 2.92 -1.49 | 41.70 2.50 -1.24 | 39.60 2.32 -0.98 | 37.63 2.16 0.00 |
| RAVENSWOOD_GT_1 23729 | 37.24 1.94 0.00 | 34.30 1.79 0.00 | 33.79 1.67 0.00 | 34.54 1.64 0.00 | 34.78 1.75 0.00 | 37.54 1.89 0.00 | 47.76 2.96 0.00 | 54.65 3.53 0.00 | 45.09 3.22 0.00 | 40.25 2.49 -0.02 | 40.47 2.35 -2.51 | 40.62 2.35 -4.26 | 40.66 2.28 -4.78 | 39.93 2.29 -4.97 | 40.67 2.34 -4.92 | 40.16 2.35 -3.26 | 42.98 2.61 -3.60 | 50.73 3.44 -4.80 | 55.79 3.71 -6.84 | 49.90 3.38 -4.82 | 42.90 3.03 -1.49 | 41.77 2.58 -1.24 | 40.37 2.43 -1.64 | 37.73 2.27 0.00 |
| RAVENSWOOD_GT_10 24258 | 37.17 1.87 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.72 2.91 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.18 2.42 -0.02 | 40.36 2.24 -2.51 | 40.52 2.24 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.21 -4.92 | 40.06 2.25 -3.26 | 42.83 2.46 -3.60 | 50.46 3.27 -4.70 | 50.44 3.48 -1.71 | 49.02 3.17 -4.15 | 42.75 2.88 -1.49 | 41.62 2.43 -1.24 | 39.53 2.25 -0.98 | 37.59 2.13 0.00 |
| RAVENSWOOD_GT_11 24259 | 37.17 1.87 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.72 2.91 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.18 2.42 -0.02 | 40.36 2.24 -2.51 | 40.52 2.24 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.21 -4.92 | 40.06 2.25 -3.26 | 42.83 2.46 -3.60 | 50.46 3.27 -4.70 | 50.44 3.48 -1.71 | 49.02 3.17 -4.15 | 42.75 2.88 -1.49 | 41.62 2.43 -1.24 | 39.53 2.25 -0.98 | 37.59 2.13 0.00 |
| RAVENSWOOD_GT_4 24252 | 37.17 1.87 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.51 1.61 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.76 2.96 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.14 2.38 -0.02 | 40.33 2.21 -2.51 | 40.49 2.21 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.21 -4.92 | 40.02 2.21 -3.26 | 42.79 2.43 -3.60 | 50.48 3.23 -4.76 | 54.16 3.44 -5.48 | 49.48 3.13 -4.65 | 42.71 2.84 -1.49 | 41.62 2.43 -1.24 | 40.03 2.25 -1.49 | 37.56 2.09 0.00 |
| RAVENSWOOD_GT_5 24254 | 37.17 1.87 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.51 1.61 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.76 2.96 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.14 2.38 -0.02 | 40.33 2.21 -2.51 | 40.49 2.21 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.21 -4.92 | 40.02 2.21 -3.26 | 42.79 2.43 -3.60 | 50.48 3.23 -4.76 | 54.16 3.44 -5.48 | 49.48 3.13 -4.65 | 42.71 2.84 -1.49 | 41.62 2.43 -1.24 | 40.03 2.25 -1.49 | 37.56 2.09 0.00 |
| RAVENSWOOD_GT_6 24253 | 37.17 1.87 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.51 1.61 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.76 2.96 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.14 2.38 -0.02 | 40.33 2.21 -2.51 | 40.49 2.21 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.21 -4.92 | 40.02 2.21 -3.26 | 42.79 2.43 -3.60 | 50.48 3.23 -4.76 | 54.16 3.44 -5.48 | 49.48 3.13 -4.65 | 42.71 2.84 -1.49 | 41.62 2.43 -1.24 | 40.03 2.25 -1.49 | 37.56 2.09 0.00 |
| RAVENSWOOD_GT_7 24255 | 37.17 1.87 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.51 1.61 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.76 2.96 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.14 2.38 -0.02 | 40.33 2.21 -2.51 | 40.49 2.21 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.21 -4.92 | 40.02 2.21 -3.26 | 42.79 2.43 -3.60 | 50.48 3.23 -4.76 | 54.16 3.44 -5.48 | 49.48 3.13 -4.65 | 42.71 2.84 -1.49 | 41.62 2.43 -1.24 | 40.03 2.25 -1.49 | 37.56 2.09 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 37.17 1.87 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.72 2.91 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.18 2.42 -0.02 | 40.36 2.24 -2.51 | 40.52 2.24 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.21 -4.92 | 40.06 2.25 -3.26 | 42.83 2.46 -3.60 | 50.46 3.27 -4.70 | 50.44 3.48 -1.71 | 49.02 3.17 -4.15 | 42.75 2.88 -1.49 | 41.62 2.43 -1.24 | 39.53 2.25 -0.98 | 37.59 2.13 0.00 |
| RAVENSWOOD_GT_9 24257 | 37.17 1.87 0.00 | 34.23 1.72 0.00 | 33.73 1.61 0.00 | 34.47 1.58 0.00 | 34.71 1.68 0.00 | 37.50 1.85 0.00 | 47.72 2.91 0.00 | 54.55 3.43 0.00 | 44.97 3.10 0.00 | 40.18 2.42 -0.02 | 40.36 2.24 -2.51 | 40.52 2.24 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.21 -4.92 | 40.06 2.25 -3.26 | 42.83 2.46 -3.60 | 50.46 3.27 -4.70 | 50.44 3.48 -1.71 | 49.02 3.17 -4.15 | 42.75 2.88 -1.49 | 41.62 2.43 -1.24 | 39.53 2.25 -0.98 | 37.59 2.13 0.00 |
| RAVENSWOOD___1 23533 | 37.21 1.90 0.00 | 34.39 1.88 0.00 | 33.89 1.77 0.00 | 34.64 1.74 0.00 | 34.74 1.72 0.00 | 37.57 1.92 0.00 | 48.12 3.32 0.00 | 55.63 4.50 0.00 | 45.14 3.27 0.00 | 40.21 2.45 -0.02 | 40.43 2.31 -2.51 | 40.59 2.31 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.09 2.28 -3.26 | 42.87 2.50 -3.60 | 50.56 3.36 -4.71 | 50.60 3.57 -1.79 | 49.12 3.25 -4.16 | 42.78 2.92 -1.49 | 41.85 2.66 -1.24 | 39.71 2.43 -0.98 | 37.74 2.27 -0.01 |
| RAVENSWOOD___2 23534 | 37.17 1.87 0.00 | 34.36 1.85 0.00 | 33.89 1.77 0.00 | 34.60 1.71 0.00 | 34.74 1.72 0.00 | 37.57 1.92 0.00 | 48.07 3.27 0.00 | 55.63 4.50 0.00 | 45.14 3.27 0.00 | 40.18 2.42 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.06 2.24 -3.26 | 42.83 2.46 -3.60 | 50.56 3.36 -4.71 | 50.60 3.57 -1.79 | 49.07 3.21 -4.16 | 42.78 2.92 -1.49 | 41.85 2.66 -1.24 | 39.71 2.43 -0.98 | 37.71 2.24 -0.01 |
| RAVENSWOOD___3 23535 | 37.17 1.87 0.00 | 34.33 1.82 0.00 | 33.85 1.73 0.00 | 34.60 1.71 0.00 | 34.74 1.72 0.00 | 37.57 1.92 0.00 | 48.07 3.27 0.00 | 55.52 4.40 0.00 | 45.09 3.22 0.00 | 40.18 2.42 -0.02 | 40.36 2.24 -2.51 | 40.52 2.24 -4.26 | 40.56 2.18 -4.78 | 39.80 2.16 -4.97 | 40.54 2.20 -4.92 | 40.03 2.21 -3.26 | 42.83 2.46 -3.60 | 50.46 3.27 -4.70 | 50.43 3.48 -1.70 | 48.98 3.13 -4.15 | 42.71 2.84 -1.49 | 41.70 2.50 -1.24 | 39.57 2.29 -0.98 | 37.60 2.13 -0.01 |

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| RAVENSWOOD___4 23820 | 37.13 1.83 0.00 | 34.36 1.85 0.00 | 33.89 1.77 0.00 | 34.60 1.71 0.00 | 34.74 1.72 0.00 | 37.53 1.89 0.00 | 48.07 3.27 0.00 | 55.57 4.45 0.00 | 45.09 3.22 0.00 | 40.18 2.42 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.60 2.22 -4.78 | 39.83 2.19 -4.97 | 40.57 2.24 -4.92 | 40.06 2.24 -3.26 | 42.83 2.46 -3.60 | 50.44 3.32 -4.63 | 45.63 3.57 3.19 | 48.43 3.21 -3.51 | 42.75 2.88 -1.49 | 41.85 2.66 -1.24 | 39.03 2.39 -0.34 | 37.71 2.24 -0.01 |
| RCPI_TRUST___DRP 24196 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.75 1.72 0.00 | 37.54 1.89 0.00 | 47.81 3.00 0.00 | 54.65 3.53 0.00 | 45.05 3.18 0.00 | 40.25 2.49 -0.02 | 40.39 2.31 -2.47 | 40.51 2.31 -4.19 | 40.57 2.28 -4.69 | 39.80 2.25 -4.88 | 40.55 2.31 -4.83 | 40.07 2.32 -3.20 | 42.84 2.54 -3.53 | 50.46 3.36 -4.62 | 50.44 3.53 -1.67 | 48.99 3.21 -4.08 | 42.76 2.92 -1.46 | 41.68 2.50 -1.22 | 39.55 2.29 -0.97 | 37.63 2.16 0.00 |
| RED___ROCHESTER 323720 | 33.43 -1.87 0.00 | 30.69 -1.82 0.00 | 30.32 -1.80 0.00 | 31.09 -1.81 0.00 | 31.15 -1.88 0.00 | 34.01 -1.64 0.00 | 42.51 -2.28 0.01 | 48.45 -2.66 0.02 | 39.42 -2.43 0.02 | 35.48 -2.26 0.00 | 33.33 -2.28 0.00 | 31.83 -2.18 0.00 | 31.48 -2.12 0.00 | 30.48 -2.19 0.00 | 31.20 -2.21 0.01 | 32.30 -2.25 0.01 | 34.40 -2.32 0.06 | 40.13 -2.34 0.02 | 42.78 -2.44 0.02 | 39.56 -2.13 0.02 | 36.37 -2.00 0.02 | 35.32 -2.28 0.36 | 33.95 -2.29 0.06 | 33.16 -2.30 0.00 |
| REGAN___SOLAR 323812 | 39.25 3.95 0.00 | 36.21 3.70 0.00 | 35.78 3.66 0.00 | 36.71 3.81 0.00 | 36.99 3.96 0.00 | 40.39 4.74 0.00 | 51.52 6.72 0.00 | 59.00 7.87 0.00 | 47.44 5.57 0.00 | 41.78 4.04 0.00 | 38.99 3.38 0.00 | 36.94 2.93 0.00 | 36.45 2.85 0.00 | 35.64 2.97 0.00 | 36.65 3.24 0.00 | 38.12 3.56 0.00 | 40.96 4.19 0.00 | 47.93 5.44 0.00 | 51.53 6.29 0.00 | 47.41 5.71 0.00 | 43.76 5.37 0.00 | 42.73 4.78 0.00 | 40.61 4.32 0.00 | 39.47 4.01 0.00 |
| RENSSELAER___COGEN 23796 | 35.86 0.56 0.00 | 33.06 0.55 0.00 | 32.67 0.55 0.00 | 33.42 0.52 0.00 | 33.55 0.53 0.00 | 36.29 0.64 0.00 | 45.88 1.07 0.00 | 52.55 1.43 0.00 | 42.79 0.92 0.00 | 38.20 0.45 0.00 | 36.03 0.43 0.00 | 34.52 0.51 0.00 | 34.07 0.47 0.00 | 33.19 0.52 0.00 | 33.98 0.57 0.00 | 35.04 0.48 0.00 | 37.32 0.55 0.00 | 43.38 0.89 0.00 | 46.23 0.99 0.00 | 42.58 0.88 0.00 | 39.23 0.84 0.00 | 38.56 0.61 0.00 | 36.77 0.47 0.00 | 35.92 0.46 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 37.49 2.19 0.00 | 34.52 2.02 0.00 | 34.08 1.96 0.00 | 34.93 2.04 0.00 | 35.17 2.15 0.00 | 38.07 2.42 0.00 | 48.93 4.12 0.00 | 55.98 4.86 0.00 | 45.55 3.68 0.00 | 40.24 2.49 0.00 | 37.56 1.96 0.00 | 35.85 1.84 0.00 | 35.18 1.58 0.00 | 34.14 1.47 0.00 | 35.05 1.64 0.00 | 36.35 1.80 0.00 | 39.01 2.24 0.00 | 45.55 3.06 0.00 | 48.99 3.75 0.00 | 45.08 3.38 0.00 | 41.57 3.19 0.00 | 40.53 2.58 0.00 | 38.51 2.21 0.00 | 37.49 2.02 0.00 |
| REVERE_CPFR_DRP 24186 | 36.71 1.41 0.00 | 33.81 1.30 0.00 | 33.41 1.28 0.00 | 34.24 1.35 0.00 | 34.48 1.45 0.00 | 37.43 1.78 0.00 | 47.45 2.64 0.00 | 54.04 2.91 0.00 | 44.09 2.22 0.00 | 39.48 1.74 0.00 | 36.92 1.32 0.00 | 35.13 1.12 0.00 | 34.68 1.08 0.00 | 33.68 1.01 0.00 | 34.48 1.07 0.00 | 35.73 1.17 0.00 | 38.34 1.58 0.01 | 44.74 2.25 0.00 | 47.68 2.44 0.00 | 43.91 2.21 0.00 | 40.42 2.03 0.00 | 39.57 1.71 0.09 | 37.73 1.45 0.01 | 36.88 1.42 0.00 |
| REYNOLDS_115KV_TB3 80639 | 36.18 0.88 0.00 | 33.35 0.85 0.00 | 32.92 0.80 0.00 | 33.68 0.79 0.00 | 33.85 0.83 0.00 | 36.54 0.89 0.00 | 46.19 1.39 0.00 | 52.66 1.53 0.00 | 43.17 1.30 0.00 | 38.57 0.83 0.00 | 36.32 0.71 0.00 | 34.86 0.85 0.00 | 34.41 0.81 0.00 | 33.49 0.82 0.00 | 34.28 0.87 0.00 | 35.42 0.86 0.00 | 37.65 0.88 0.00 | 43.76 1.27 0.00 | 46.64 1.40 0.00 | 42.99 1.29 0.00 | 39.57 1.19 0.00 | 38.86 0.91 0.00 | 37.09 0.80 0.00 | 36.28 0.82 0.00 |
| RIVERBAY____ 323610 | 37.45 2.15 0.00 | 34.59 2.08 0.00 | 34.05 1.93 0.00 | 34.77 1.87 0.00 | 35.04 2.01 0.00 | 37.75 2.10 0.00 | 48.12 3.32 0.00 | 55.01 3.89 0.00 | 45.38 3.52 0.00 | 40.44 2.68 -0.02 | 38.20 2.49 -0.10 | 36.67 2.48 -0.18 | 36.22 2.42 -0.20 | 35.27 2.39 -0.21 | 36.06 2.44 -0.21 | 37.14 2.45 -0.13 | 39.64 2.72 -0.15 | 46.45 3.61 -0.35 | 51.35 3.94 -2.17 | 45.55 3.59 -0.27 | 41.67 3.22 -0.06 | 40.80 2.81 -0.05 | 38.98 2.65 -0.04 | 38.02 2.55 0.00 |
| RIVERSDE_115KV_TB3 55908 | 36.04 0.74 0.00 | 33.19 0.68 0.00 | 32.76 0.64 0.00 | 33.52 0.62 0.00 | 33.69 0.66 0.00 | 36.39 0.75 0.00 | 46.02 1.21 0.00 | 52.51 1.38 0.00 | 43.00 1.13 0.00 | 38.42 0.68 0.00 | 36.18 0.57 0.00 | 34.72 0.71 0.00 | 34.27 0.67 0.00 | 33.36 0.69 0.00 | 34.15 0.74 0.00 | 35.28 0.73 0.00 | 37.50 0.74 0.00 | 43.59 1.10 0.00 | 46.51 1.27 0.00 | 42.83 1.13 0.00 | 39.42 1.04 0.00 | 38.71 0.76 0.00 | 36.95 0.65 0.00 | 36.10 0.64 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 35.16 -0.14 0.00 | 32.35 -0.16 0.00 | 31.99 -0.13 0.00 | 32.76 -0.13 0.00 | 32.90 -0.13 0.00 | 35.47 -0.18 0.00 | 44.45 -0.36 0.00 | 50.61 -0.51 0.00 | 41.66 -0.21 0.00 | 37.78 0.04 0.00 | 35.71 0.11 0.00 | 34.08 0.07 0.00 | 33.67 0.07 0.00 | 32.74 0.07 0.00 | 33.48 0.07 0.00 | 34.62 0.07 0.00 | 36.81 0.04 0.00 | 42.36 -0.13 0.00 | 45.06 -0.18 0.00 | 41.53 -0.17 0.00 | 38.27 -0.11 0.00 | 37.99 0.04 0.00 | 36.37 0.07 0.00 | 35.57 0.11 0.00 |
| ROCHESRG_115KV_T4 355643 | 33.08 -2.22 0.00 | 30.56 -1.95 0.00 | 30.32 -1.80 0.00 | 31.09 -1.81 0.00 | 30.88 -2.15 0.00 | 33.83 -1.82 0.00 | 42.46 -2.33 0.01 | 48.04 -3.07 0.02 | 39.21 -2.64 0.02 | 35.14 -2.60 0.00 | 33.04 -2.56 0.00 | 31.56 -2.45 0.00 | 31.21 -2.39 0.00 | 30.22 -2.45 0.00 | 30.93 -2.47 0.01 | 32.06 -2.49 0.01 | 34.06 -2.65 0.06 | 39.71 -2.76 0.02 | 42.28 -2.94 0.02 | 39.06 -2.63 0.02 | 35.95 -2.42 0.02 | 34.93 -2.66 0.36 | 33.66 -2.58 0.06 | 32.88 -2.59 0.00 |
| ROCHESTER_9_IC 23652 | 33.25 -2.05 0.00 | 30.72 -1.79 0.00 | 30.48 -1.64 0.00 | 31.25 -1.64 0.00 | 31.01 -2.01 0.00 | 34.01 -1.64 0.00 | 42.69 -2.11 0.01 | 48.30 -2.81 0.02 | 39.46 -2.39 0.02 | 35.33 -2.42 0.00 | 33.22 -2.39 0.00 | 31.70 -2.31 0.00 | 31.35 -2.25 0.00 | 30.35 -2.32 0.00 | 31.07 -2.34 0.01 | 32.20 -2.35 0.01 | 34.25 -2.46 0.06 | 39.92 -2.55 0.02 | 42.55 -2.67 0.02 | 39.26 -2.42 0.02 | 36.18 -2.19 0.02 | 35.13 -2.47 0.36 | 33.84 -2.40 0.06 | 33.02 -2.45 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 37.21 1.91 0.00 | 34.30 1.79 0.00 | 33.79 1.67 0.00 | 34.54 1.64 0.00 | 34.75 1.72 0.00 | 37.50 1.85 0.00 | 47.81 3.00 0.00 | 54.65 3.53 0.00 | 44.92 3.06 0.00 | 40.08 2.34 0.00 | 37.82 2.17 -0.04 | 36.26 2.18 -0.07 | 35.83 2.15 -0.08 | 34.88 2.12 -0.08 | 35.67 2.17 -0.08 | 36.79 2.18 -0.05 | 39.26 2.43 -0.06 | 46.12 3.23 -0.40 | 51.22 3.48 -2.50 | 45.11 3.13 -0.29 | 41.21 2.80 -0.02 | 40.32 2.35 -0.02 | 38.49 2.18 -0.02 | 37.49 2.02 0.00 |
| ROME____115KV_TB2 80656 | 36.71 1.41 0.00 | 33.81 1.30 0.00 | 33.41 1.28 0.00 | 34.24 1.35 0.00 | 34.48 1.45 0.00 | 37.43 1.78 0.00 | 47.45 2.64 0.00 | 54.04 2.91 0.00 | 44.09 2.22 0.00 | 39.48 1.74 0.00 | 36.92 1.32 0.00 | 35.13 1.12 0.00 | 34.68 1.08 0.00 | 33.68 1.01 0.00 | 34.48 1.07 0.00 | 35.73 1.17 0.00 | 38.34 1.58 0.01 | 44.74 2.25 0.00 | 47.68 2.44 0.00 | 43.91 2.21 0.00 | 40.42 2.03 0.00 | 39.57 1.71 0.09 | 37.73 1.45 0.01 | 36.88 1.42 0.00 |

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| ROSETON___1 23587 | 36.78 1.48 0.00 | 33.94 1.43 0.00 | 33.50 1.38 0.00 | 34.28 1.38 0.00 | 34.38 1.35 0.00 | 37.11 1.46 0.00 | 47.31 2.51 0.00 | 54.45 3.32 0.00 | 44.25 2.39 0.00 | 39.44 1.70 0.00 | 37.17 1.56 0.00 | 35.61 1.60 0.00 | 35.15 1.55 0.00 | 34.21 1.54 0.00 | 34.98 1.57 0.00 | 36.11 1.56 0.00 | 38.50 1.73 0.00 | 44.86 2.38 0.01 | 47.74 2.58 0.07 | 43.99 2.29 0.01 | 40.49 2.11 0.00 | 39.73 1.78 0.00 | 37.89 1.60 0.00 | 36.95 1.49 0.00 |
| ROSETON___2 23588 | 36.78 1.48 0.00 | 33.94 1.43 0.00 | 33.50 1.38 0.00 | 34.28 1.38 0.00 | 34.38 1.35 0.00 | 37.11 1.46 0.00 | 47.31 2.51 0.00 | 54.45 3.32 0.00 | 44.25 2.39 0.00 | 39.44 1.70 0.00 | 37.17 1.56 0.00 | 35.61 1.60 0.00 | 35.15 1.55 0.00 | 34.21 1.54 0.00 | 34.98 1.57 0.00 | 36.11 1.56 0.00 | 38.50 1.73 0.00 | 44.86 2.38 0.01 | 47.74 2.58 0.07 | 43.99 2.29 0.01 | 40.49 2.11 0.00 | 39.73 1.78 0.00 | 37.89 1.60 0.00 | 36.95 1.49 0.00 |
| ROTTTRDAM_115KV_TB3 80664 | 36.29 0.99 0.00 | 33.45 0.94 0.00 | 33.02 0.90 0.00 | 33.82 0.92 0.00 | 33.95 0.92 0.00 | 36.68 1.03 0.00 | 46.46 1.66 0.00 | 53.02 1.89 0.00 | 43.37 1.51 0.00 | 38.80 1.06 0.00 | 36.53 0.93 0.00 | 34.93 0.92 0.00 | 34.51 0.91 0.00 | 33.55 0.88 0.00 | 34.35 0.94 0.00 | 35.52 0.97 0.00 | 37.84 1.07 0.00 | 43.93 1.44 0.00 | 46.87 1.63 0.00 | 43.20 1.50 0.00 | 39.77 1.38 0.00 | 39.09 1.14 0.00 | 37.31 1.02 0.00 | 36.46 0.99 0.00 |
| RUSSELL___1 23602 | 33.43 -1.87 0.00 | 30.85 -1.66 0.00 | 30.61 -1.51 0.00 | 31.38 -1.51 0.00 | 31.15 -1.88 0.00 | 34.15 -1.50 0.00 | 42.91 -1.88 0.01 | 48.55 -2.56 0.02 | 39.67 -2.18 0.02 | 35.52 -2.23 0.00 | 33.36 -2.24 0.00 | 31.83 -2.18 0.00 | 31.48 -2.12 0.00 | 30.48 -2.19 0.00 | 31.17 -2.24 0.01 | 32.30 -2.25 0.01 | 34.39 -2.32 0.06 | 40.13 -2.34 0.02 | 42.78 -2.44 0.02 | 39.52 -2.17 0.02 | 36.37 -2.00 0.02 | 35.32 -2.28 0.36 | 33.99 -2.25 0.06 | 33.16 -2.31 0.00 |
| RUSSELL___2 23532 | 33.43 -1.87 0.00 | 30.85 -1.66 0.00 | 30.61 -1.51 0.00 | 31.38 -1.51 0.00 | 31.15 -1.88 0.00 | 34.15 -1.50 0.00 | 42.91 -1.88 0.01 | 48.55 -2.56 0.02 | 39.67 -2.18 0.02 | 35.52 -2.23 0.00 | 33.36 -2.24 0.00 | 31.83 -2.18 0.00 | 31.48 -2.12 0.00 | 30.48 -2.19 0.00 | 31.17 -2.24 0.01 | 32.30 -2.25 0.01 | 34.39 -2.32 0.06 | 40.13 -2.34 0.02 | 42.78 -2.44 0.02 | 39.52 -2.17 0.02 | 36.37 -2.00 0.02 | 35.32 -2.28 0.36 | 33.99 -2.25 0.06 | 33.16 -2.31 0.00 |
| RUSSELL___3 23549 | 33.43 -1.87 0.00 | 30.85 -1.66 0.00 | 30.61 -1.51 0.00 | 31.38 -1.51 0.00 | 31.15 -1.88 0.00 | 34.15 -1.50 0.00 | 42.91 -1.88 0.01 | 48.55 -2.56 0.02 | 39.67 -2.18 0.02 | 35.52 -2.23 0.00 | 33.36 -2.24 0.00 | 31.83 -2.18 0.00 | 31.48 -2.12 0.00 | 30.48 -2.19 0.00 | 31.17 -2.24 0.01 | 32.30 -2.25 0.01 | 34.39 -2.32 0.06 | 40.13 -2.34 0.02 | 42.78 -2.44 0.02 | 39.52 -2.17 0.02 | 36.37 -2.00 0.02 | 35.32 -2.28 0.36 | 33.99 -2.25 0.06 | 33.16 -2.31 0.00 |
| RUSSELL___4 23556 | 33.43 -1.87 0.00 | 30.85 -1.66 0.00 | 30.61 -1.51 0.00 | 31.38 -1.51 0.00 | 31.15 -1.88 0.00 | 34.15 -1.50 0.00 | 42.91 -1.88 0.01 | 48.55 -2.56 0.02 | 39.67 -2.18 0.02 | 35.52 -2.23 0.00 | 33.36 -2.24 0.00 | 31.83 -2.18 0.00 | 31.48 -2.12 0.00 | 30.48 -2.19 0.00 | 31.17 -2.24 0.01 | 32.30 -2.25 0.01 | 34.39 -2.32 0.06 | 40.13 -2.34 0.02 | 42.78 -2.44 0.02 | 39.52 -2.17 0.02 | 36.37 -2.00 0.02 | 35.32 -2.28 0.36 | 33.99 -2.25 0.06 | 33.16 -2.31 0.00 |
| RUSSELL___STATION 23914 | 33.43 -1.87 0.00 | 30.85 -1.66 0.00 | 30.61 -1.51 0.00 | 31.38 -1.51 0.00 | 31.15 -1.88 0.00 | 34.15 -1.50 0.00 | 42.91 -1.88 0.01 | 48.55 -2.56 0.02 | 39.67 -2.18 0.02 | 35.52 -2.23 0.00 | 33.36 -2.24 0.00 | 31.83 -2.18 0.00 | 31.48 -2.12 0.00 | 30.48 -2.19 0.00 | 31.17 -2.24 0.01 | 32.30 -2.25 0.01 | 34.39 -2.32 0.06 | 40.13 -2.34 0.02 | 42.78 -2.44 0.02 | 39.52 -2.17 0.02 | 36.37 -2.00 0.02 | 35.32 -2.28 0.36 | 33.99 -2.25 0.06 | 33.16 -2.31 0.00 |
| S SALMON___HYD 24043 | 34.35 -0.95 0.00 | 31.63 -0.88 0.00 | 31.25 -0.87 0.00 | 32.04 -0.86 0.00 | 32.17 -0.86 0.00 | 34.72 -0.93 0.00 | 43.87 -0.94 0.00 | 50.16 -0.97 0.00 | 40.83 -1.05 0.00 | 36.69 -1.06 0.00 | 34.39 -1.21 0.00 | 32.92 -1.09 0.00 | 32.49 -1.11 0.00 | 31.56 -1.11 0.00 | 32.24 -1.17 0.00 | 33.42 -1.14 0.00 | 35.78 -0.99 0.00 | 41.68 -0.81 0.00 | 44.43 -0.81 0.00 | 41.00 -0.71 0.00 | 37.70 -0.69 0.00 | 37.08 -0.87 0.00 | 35.35 -0.94 0.00 | 34.51 -0.96 0.00 |
| S.PERRY___115KV_TB1 80734 | 34.28 -1.02 0.00 | 31.63 -0.88 0.00 | 31.35 -0.77 0.00 | 32.10 -0.79 0.00 | 32.00 -1.02 0.00 | 35.15 -0.50 0.00 | 44.50 -0.31 -0.01 | 50.11 -1.02 -0.01 | 41.12 -0.75 -0.01 | 36.65 -1.09 0.00 | 34.29 -1.32 0.00 | 32.62 -1.39 0.00 | 32.19 -1.41 0.00 | 31.14 -1.54 0.00 | 31.87 -1.54 0.01 | 33.03 -1.52 0.01 | 35.25 -1.47 0.04 | 41.44 -1.06 -0.01 | 44.07 -1.18 -0.01 | 40.79 -0.92 -0.01 | 37.59 -0.81 -0.01 | 36.24 -1.44 0.27 | 34.65 -1.60 0.04 | 34.05 -1.42 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 32.23 -3.07 0.00 | 29.94 -2.57 0.00 | 29.81 -2.31 0.00 | 30.56 -2.34 0.00 | 30.22 -2.81 0.00 | 33.29 -2.35 0.00 | 41.44 -3.36 0.01 | 45.80 -5.32 0.01 | 37.92 -3.94 0.01 | 34.05 -3.70 0.00 | 32.19 -3.42 0.00 | 30.71 -3.30 0.00 | 30.48 -3.12 0.00 | 29.47 -3.20 0.00 | 30.13 -3.27 0.01 | 31.23 -3.32 0.01 | 32.49 -4.23 0.05 | 37.97 -4.50 0.01 | 40.43 -4.80 0.01 | 37.19 -4.50 0.01 | 34.50 -3.88 0.01 | 33.10 -4.52 0.34 | 32.25 -3.99 0.05 | 32.10 -3.37 0.00 |
| SAWYER___23_KV_LOAD 55526 | 32.23 -3.07 0.00 | 29.94 -2.57 0.00 | 29.81 -2.31 0.00 | 30.56 -2.34 0.00 | 30.22 -2.81 0.00 | 33.29 -2.35 0.00 | 41.44 -3.36 0.01 | 45.80 -5.32 0.01 | 37.92 -3.94 0.01 | 34.05 -3.70 0.00 | 32.19 -3.42 0.00 | 30.71 -3.30 0.00 | 30.48 -3.12 0.00 | 29.47 -3.20 0.00 | 30.13 -3.27 0.01 | 31.23 -3.32 0.01 | 32.49 -4.23 0.05 | 37.97 -4.50 0.01 | 40.43 -4.80 0.01 | 37.19 -4.50 0.01 | 34.50 -3.88 0.01 | 33.10 -4.52 0.34 | 32.25 -3.99 0.05 | 32.10 -3.37 0.00 |
| SELKIRK___I 23801 | 36.29 0.99 0.00 | 33.45 0.94 0.00 | 33.05 0.93 0.00 | 33.81 0.92 0.00 | 33.95 0.92 0.00 | 36.71 1.07 0.00 | 46.37 1.57 0.00 | 53.07 1.94 0.00 | 43.21 1.34 0.00 | 38.61 0.87 0.00 | 36.35 0.75 0.00 | 34.79 0.78 0.00 | 34.37 0.77 0.00 | 33.45 0.78 0.00 | 34.25 0.84 0.00 | 35.38 0.83 0.00 | 37.65 0.88 0.00 | 43.72 1.23 0.00 | 46.64 1.40 0.00 | 43.00 1.29 0.00 | 39.61 1.23 0.00 | 38.98 1.03 0.00 | 37.20 0.91 0.00 | 36.35 0.89 0.00 |
| SELKIRK___II 23799 | 36.04 0.74 0.00 | 33.22 0.71 0.00 | 32.83 0.71 0.00 | 33.59 0.69 0.00 | 33.72 0.69 0.00 | 36.47 0.82 0.00 | 46.11 1.30 0.00 | 52.81 1.68 0.00 | 43.00 1.13 0.00 | 38.42 0.68 0.00 | 36.21 0.60 0.00 | 34.69 0.68 0.00 | 34.24 0.64 0.00 | 33.36 0.69 0.00 | 34.12 0.70 0.00 | 35.25 0.69 0.00 | 37.50 0.74 0.00 | 43.59 1.10 0.00 | 46.46 1.22 0.00 | 42.78 1.08 0.00 | 39.38 1.00 0.00 | 38.75 0.80 0.00 | 36.98 0.69 0.00 | 36.14 0.67 0.00 |
| SENECA OSWGO___HYD 24041 | 33.92 -1.38 0.00 | 31.24 -1.27 0.00 | 30.87 -1.25 0.00 | 31.61 -1.28 0.00 | 31.74 -1.29 0.00 | 34.36 -1.28 0.00 | 43.37 -1.44 0.00 | 49.60 -1.53 0.00 | 40.95 -0.92 0.00 | 36.73 -1.02 0.00 | 34.54 -1.07 0.00 | 32.92 -1.09 0.00 | 32.52 -1.08 0.00 | 31.56 -1.11 0.00 | 32.30 -1.10 0.01 | 33.44 -1.11 0.01 | 35.42 -1.36 -0.01 | 41.13 -1.36 0.00 | 43.84 -1.40 0.00 | 40.49 -1.21 0.00 | 37.24 -1.15 0.00 | 36.63 -1.36 -0.04 | 34.85 -1.45 -0.01 | 34.04 -1.42 0.00 |

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| SENECA___115KV_TB3 355854 | 32.72 -2.58 0.00 | 30.40 -2.11 0.00 | 30.26 -1.86 0.00 | 31.05 -1.84 0.00 | 30.72 -2.31 0.00 | 33.86 -1.78 0.00 | 42.15 -2.64 0.01 | 46.16 -4.96 0.01 | 38.51 -3.35 0.01 | 34.61 -3.13 0.00 | 32.72 -2.88 0.00 | 31.22 -2.79 0.00 | 30.95 -2.65 0.00 | 29.93 -2.74 0.00 | 30.56 -2.84 0.01 | 31.71 -2.83 0.01 | 32.74 -3.97 0.05 | 38.44 -4.04 0.01 | 40.89 -4.34 0.01 | 37.52 -4.17 0.01 | 34.88 -3.49 0.01 | 33.26 -4.36 0.33 | 32.47 -3.77 0.05 | 32.59 -2.87 0.00 |
| SENECA___ENERGY 23797 | 34.35 -0.95 0.00 | 31.66 -0.85 0.00 | 31.29 -0.84 0.00 | 32.04 -0.86 0.00 | 32.20 -0.82 0.00 | 35.07 -0.57 0.00 | 44.23 -0.63 -0.06 | 50.58 -0.61 -0.07 | 41.18 -0.75 -0.07 | 36.91 -0.83 0.00 | 34.72 -0.89 0.00 | 33.09 -0.92 0.00 | 32.69 -0.91 0.00 | 31.69 -0.98 0.00 | 32.41 -1.00 0.00 | 33.58 -0.97 0.00 | 35.82 -0.92 0.03 | 41.79 -0.76 -0.07 | 44.54 -0.77 -0.07 | 41.14 -0.62 -0.07 | 37.88 -0.57 -0.07 | 36.83 -0.95 0.17 | 35.21 -1.05 0.03 | 34.51 -0.96 0.00 |
| SHOEMAKER___GT 23640 | 36.57 1.27 0.00 | 33.74 1.24 0.00 | 33.31 1.19 0.00 | 34.08 1.18 0.00 | 34.18 1.16 0.00 | 36.93 1.28 0.00 | 47.04 2.24 0.00 | 54.04 2.91 0.00 | 43.96 2.09 0.00 | 39.18 1.43 0.00 | 36.85 1.25 0.00 | 35.27 1.26 0.00 | 34.81 1.21 0.00 | 33.88 1.21 0.00 | 34.68 1.27 0.00 | 35.80 1.24 0.00 | 38.24 1.47 0.00 | 44.58 2.08 -0.01 | 47.54 2.22 -0.09 | 43.71 2.00 -0.01 | 40.23 1.84 0.00 | 39.47 1.52 0.00 | 37.64 1.34 0.00 | 36.70 1.24 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 36.57 1.27 0.00 | 33.68 1.17 0.00 | 33.24 1.12 0.00 | 34.01 1.12 0.00 | 34.18 1.16 0.00 | 36.89 1.25 0.00 | 46.91 2.11 0.00 | 53.48 2.35 0.00 | 43.84 1.97 0.00 | 39.14 1.40 0.00 | 36.89 1.28 0.00 | 35.27 1.26 0.00 | 34.81 1.21 0.00 | 33.91 1.24 0.00 | 34.68 1.27 0.00 | 35.83 1.28 0.00 | 38.24 1.47 0.00 | 44.58 2.08 -0.01 | 47.54 2.22 -0.08 | 43.71 2.00 -0.01 | 40.23 1.84 0.00 | 39.43 1.48 0.00 | 37.64 1.34 0.00 | 36.71 1.24 0.00 |
| SHOREHAM_IC_1 23715 | 45.54 3.28 -6.96 | 42.39 3.12 -6.76 | 40.47 3.02 -5.34 | 41.51 3.02 -5.59 | 43.89 3.07 -7.79 | 47.69 3.39 -8.66 | 58.07 5.42 -7.84 | 62.80 6.75 -4.93 | 55.03 5.06 -8.10 | 51.83 3.89 -10.20 | 48.08 3.63 -8.84 | 46.20 3.54 -8.65 | 45.14 3.49 -8.04 | 43.24 3.40 -7.17 | 44.32 3.47 -7.43 | 45.45 3.56 -7.33 | 54.51 4.08 -13.66 | 68.91 5.35 -21.07 | 68.06 5.70 -17.12 | 61.54 5.17 -14.67 | 53.20 4.68 -10.14 | 51.72 4.14 -9.63 | 45.41 3.66 -5.45 | 42.20 3.48 -3.26 |
| SHOREHAM_IC_2 23716 | 45.54 3.28 -6.96 | 42.39 3.12 -6.76 | 40.47 3.02 -5.34 | 41.51 3.02 -5.59 | 43.89 3.07 -7.79 | 47.69 3.39 -8.66 | 58.07 5.42 -7.84 | 62.80 6.75 -4.93 | 55.03 5.06 -8.10 | 51.83 3.89 -10.20 | 48.08 3.63 -8.84 | 46.20 3.54 -8.65 | 45.14 3.49 -8.04 | 43.24 3.40 -7.17 | 44.32 3.47 -7.43 | 45.45 3.56 -7.33 | 54.51 4.08 -13.66 | 68.91 5.35 -21.07 | 68.06 5.70 -17.12 | 61.54 5.17 -14.67 | 53.20 4.68 -10.14 | 51.72 4.14 -9.63 | 45.41 3.66 -5.45 | 42.20 3.48 -3.26 |
| SISSONVILLE____ 23735 | 35.34 0.04 0.00 | 32.35 -0.16 0.00 | 32.02 -0.10 0.00 | 32.89 0.00 0.00 | 33.09 0.07 0.00 | 35.47 -0.18 0.00 | 44.00 -0.81 0.00 | 50.46 -0.66 0.00 | 41.24 -0.63 0.00 | 37.63 -0.11 0.00 | 35.43 -0.18 0.00 | 33.57 -0.44 0.00 | 33.16 -0.44 0.00 | 32.28 -0.39 0.00 | 32.98 -0.43 0.00 | 34.14 -0.41 0.00 | 36.44 -0.33 0.00 | 41.94 -0.55 0.00 | 44.56 -0.68 0.00 | 41.03 -0.67 0.00 | 37.73 -0.65 0.00 | 37.68 -0.27 0.00 | 36.19 -0.11 0.00 | 35.61 0.14 0.00 |
| SITHE_IND_GS1 24169 | 33.57 -1.73 0.00 | 30.95 -1.56 0.00 | 30.55 -1.57 0.00 | 31.32 -1.58 0.00 | 31.41 -1.62 0.00 | 34.01 -1.64 0.00 | 42.84 -1.97 0.00 | 48.98 -2.15 0.00 | 39.94 -1.93 0.00 | 35.90 -1.85 0.00 | 33.83 -1.78 0.00 | 32.31 -1.70 0.00 | 31.92 -1.68 0.00 | 31.01 -1.67 0.00 | 31.67 -1.70 0.04 | 32.79 -1.73 0.04 | 34.74 -1.76 0.26 | 40.58 -1.91 0.00 | 43.25 -1.99 0.00 | 39.91 -1.79 0.00 | 36.73 -1.65 0.00 | 34.54 -1.78 1.63 | 34.22 -1.81 0.26 | 33.69 -1.77 0.00 |
| SITHE_IND_GS2 24170 | 33.57 -1.73 0.00 | 30.95 -1.56 0.00 | 30.55 -1.57 0.00 | 31.32 -1.58 0.00 | 31.41 -1.62 0.00 | 34.01 -1.64 0.00 | 42.84 -1.97 0.00 | 48.98 -2.15 0.00 | 39.94 -1.93 0.00 | 35.90 -1.85 0.00 | 33.83 -1.78 0.00 | 32.31 -1.70 0.00 | 31.92 -1.68 0.00 | 31.01 -1.67 0.00 | 31.67 -1.70 0.04 | 32.79 -1.73 0.04 | 34.74 -1.76 0.26 | 40.58 -1.91 0.00 | 43.25 -1.99 0.00 | 39.91 -1.79 0.00 | 36.73 -1.65 0.00 | 34.54 -1.78 1.63 | 34.22 -1.81 0.26 | 33.69 -1.77 0.00 |
| SITHE_IND_GS3 24171 | 33.57 -1.73 0.00 | 30.95 -1.56 0.00 | 30.55 -1.57 0.00 | 31.32 -1.58 0.00 | 31.41 -1.62 0.00 | 34.01 -1.64 0.00 | 42.84 -1.97 0.00 | 48.98 -2.15 0.00 | 39.94 -1.93 0.00 | 35.90 -1.85 0.00 | 33.83 -1.78 0.00 | 32.31 -1.70 0.00 | 31.92 -1.68 0.00 | 31.01 -1.67 0.00 | 31.67 -1.70 0.04 | 32.79 -1.73 0.04 | 34.74 -1.76 0.26 | 40.58 -1.91 0.00 | 43.25 -1.99 0.00 | 39.91 -1.79 0.00 | 36.73 -1.65 0.00 | 34.54 -1.78 1.63 | 34.22 -1.81 0.26 | 33.69 -1.77 0.00 |
| SITHE_IND_GS4 24172 | 33.57 -1.73 0.00 | 30.95 -1.56 0.00 | 30.55 -1.57 0.00 | 31.32 -1.58 0.00 | 31.41 -1.62 0.00 | 34.01 -1.64 0.00 | 42.84 -1.97 0.00 | 48.98 -2.15 0.00 | 39.94 -1.93 0.00 | 35.90 -1.85 0.00 | 33.83 -1.78 0.00 | 32.31 -1.70 0.00 | 31.92 -1.68 0.00 | 31.01 -1.67 0.00 | 31.67 -1.70 0.04 | 32.79 -1.73 0.04 | 34.74 -1.76 0.26 | 40.58 -1.91 0.00 | 43.25 -1.99 0.00 | 39.91 -1.79 0.00 | 36.73 -1.65 0.00 | 34.54 -1.78 1.63 | 34.22 -1.81 0.26 | 33.69 -1.77 0.00 |
| SITHE___BATAVIA 24024 | 33.04 -2.26 0.00 | 30.36 -2.15 0.00 | 30.00 -2.12 0.00 | 30.79 -2.11 0.00 | 30.82 -2.21 0.00 | 33.83 -1.82 0.00 | 41.79 -3.00 0.01 | 47.33 -3.78 0.01 | 38.63 -3.22 0.01 | 34.91 -2.83 0.00 | 32.79 -2.81 0.00 | 31.29 -2.72 0.00 | 30.98 -2.62 0.00 | 29.93 -2.74 0.00 | 30.63 -2.77 0.01 | 31.78 -2.77 0.01 | 33.51 -3.20 0.06 | 39.24 -3.23 0.01 | 41.83 -3.39 0.01 | 38.68 -3.00 0.01 | 35.65 -2.72 0.01 | 34.30 -3.30 0.34 | 33.15 -3.09 0.06 | 32.66 -2.80 0.00 |
| SITHE___INDEPEND 23800 | 33.57 -1.73 0.00 | 30.95 -1.56 0.00 | 30.61 -1.51 0.00 | 31.35 -1.55 0.00 | 31.41 -1.62 0.00 | 34.04 -1.60 0.00 | 42.92 -1.88 0.00 | 48.93 -2.20 0.00 | 40.03 -1.84 0.00 | 35.93 -1.81 0.00 | 33.83 -1.78 0.00 | 32.31 -1.70 0.00 | 31.92 -1.68 0.00 | 31.01 -1.67 0.00 | 31.67 -1.70 0.04 | 32.79 -1.73 0.04 | 34.74 -1.76 0.26 | 40.62 -1.87 0.00 | 43.25 -1.99 0.00 | 39.91 -1.79 0.00 | 36.73 -1.65 0.00 | 34.50 -1.82 1.63 | 34.22 -1.81 0.26 | 33.69 -1.77 0.00 |
| SITHE___MASSENA 23902 | 35.69 0.39 0.00 | 32.74 0.23 0.00 | 32.41 0.29 0.00 | 33.22 0.33 0.00 | 33.39 0.36 0.00 | 35.86 0.22 0.00 | 44.63 -0.18 0.00 | 50.56 -0.56 0.00 | 41.78 -0.08 0.00 | 38.12 0.38 0.00 | 36.00 0.39 0.00 | 34.18 0.17 0.00 | 33.87 0.27 0.00 | 32.93 0.26 0.00 | 33.65 0.24 0.00 | 34.83 0.28 0.00 | 37.03 0.26 0.00 | 42.45 -0.04 0.00 | 45.10 -0.14 0.00 | 41.58 -0.12 0.00 | 38.27 -0.11 0.00 | 38.22 0.27 0.00 | 36.62 0.33 0.00 | 35.96 0.50 0.00 |
| SITHE___OGDNSBRG 24021 | 36.18 0.88 0.00 | 33.13 0.62 0.00 | 32.80 0.67 0.00 | 33.68 0.79 0.00 | 33.89 0.86 0.00 | 36.36 0.71 0.00 | 45.25 0.45 0.00 | 51.74 0.61 0.00 | 42.29 0.42 0.00 | 38.57 0.83 0.00 | 36.32 0.71 0.00 | 34.38 0.37 0.00 | 34.31 0.71 0.00 | 33.42 0.75 0.00 | 34.15 0.74 0.00 | 35.35 0.79 0.00 | 37.72 0.96 0.00 | 43.04 0.55 0.00 | 45.74 0.50 0.00 | 42.12 0.42 0.00 | 38.77 0.38 0.00 | 38.71 0.76 0.00 | 37.09 0.80 0.00 | 36.39 0.92 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| SITHE___STERLING 23777 | 36.25 0.95 0.00 | 33.39 0.88 0.00 | 32.99 0.87 0.00 | 33.81 0.92 0.00 | 34.05 1.02 0.00 | 36.93 1.28 0.00 | 46.73 1.93 0.00 | 53.43 2.30 0.00 | 43.46 1.59 0.00 | 38.99 1.24 0.00 | 36.53 0.92 0.00 | 34.79 0.78 0.00 | 34.34 0.74 0.00 | 33.36 0.69 0.00 | 34.14 0.73 0.00 | 35.38 0.83 0.00 | 37.85 1.10 0.02 | 44.10 1.61 0.00 | 46.96 1.72 0.00 | 43.33 1.62 0.00 | 39.84 1.46 0.00 | 39.02 1.18 0.11 | 37.22 0.94 0.02 | 36.42 0.96 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 33.61 -1.69 0.00 | 31.01 -1.50 0.00 | 30.74 -1.38 0.00 | 31.48 -1.41 0.00 | 31.41 -1.62 0.00 | 34.33 -1.32 0.00 | 43.31 -1.48 0.02 | 49.27 -1.84 0.02 | 40.22 -1.63 0.02 | 36.01 -1.74 0.00 | 33.83 -1.78 0.00 | 32.24 -1.77 0.00 | 31.85 -1.75 0.00 | 30.84 -1.83 0.00 | 31.57 -1.84 0.01 | 32.72 -1.83 0.01 | 34.96 -1.76 0.05 | 40.73 -1.74 0.02 | 43.41 -1.81 0.02 | 40.10 -1.58 0.02 | 36.91 -1.46 0.02 | 35.87 -1.78 0.30 | 34.40 -1.85 0.05 | 33.58 -1.88 0.00 |
| SOUTH CAIRO___GT 23612 | 37.17 1.87 0.00 | 34.23 1.72 0.00 | 33.82 1.70 0.00 | 34.64 1.74 0.00 | 34.78 1.75 0.00 | 37.71 2.07 0.00 | 47.81 3.00 0.00 | 54.55 3.43 0.00 | 44.17 2.30 0.00 | 39.10 1.36 0.00 | 36.64 1.03 0.00 | 34.93 0.92 0.00 | 34.41 0.81 0.00 | 33.59 0.91 0.00 | 34.45 1.04 0.00 | 35.63 1.07 0.00 | 38.20 1.43 0.00 | 44.78 2.29 0.00 | 47.86 2.62 0.00 | 44.03 2.33 0.00 | 40.53 2.15 0.00 | 39.70 1.75 0.00 | 37.89 1.60 0.00 | 36.99 1.52 0.00 |
| SOUTH HAMPTN___IC 23720 | 45.86 3.60 -6.96 | 42.68 3.41 -6.76 | 40.76 3.31 -5.34 | 41.84 3.36 -5.59 | 44.18 3.37 -7.79 | 48.05 3.74 -8.66 | 58.56 5.91 -7.84 | 63.37 7.31 -4.93 | 55.45 5.48 -8.10 | 52.20 4.26 -10.20 | 48.43 3.99 -8.84 | 46.57 3.91 -8.65 | 45.44 3.80 -8.04 | 43.53 3.69 -7.17 | 44.62 3.77 -7.43 | 45.72 3.84 -7.33 | 54.88 4.45 -13.66 | 69.38 5.82 -21.07 | 68.56 6.20 -17.12 | 61.99 5.63 -14.67 | 53.59 5.07 -10.14 | 52.06 4.48 -9.63 | 45.74 3.99 -5.45 | 42.52 3.80 -3.26 |
| SOUTHDOW_115KV_TB1 355954 | 33.99 -1.31 0.00 | 31.60 -0.91 0.00 | 31.41 -0.71 0.00 | 32.27 -0.62 0.00 | 32.00 -1.02 0.00 | 35.36 -0.29 0.00 | 44.26 -0.54 0.00 | 48.21 -2.91 0.00 | 40.40 -1.47 0.00 | 36.39 -1.36 0.00 | 34.36 -1.25 0.00 | 32.68 -1.33 0.00 | 32.36 -1.24 0.00 | 31.27 -1.40 0.00 | 31.87 -1.54 0.01 | 33.13 -1.42 0.01 | 33.92 -2.79 0.05 | 40.10 -2.38 0.00 | 42.57 -2.67 0.00 | 39.03 -2.67 0.00 | 36.31 -2.07 0.00 | 34.34 -3.30 0.31 | 33.49 -2.76 0.05 | 33.94 -1.52 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 46.29 4.02 -6.96 | 43.04 3.77 -6.76 | 41.09 3.63 -5.34 | 42.17 3.68 -5.59 | 44.61 3.80 -7.79 | 48.51 4.21 -8.66 | 59.14 6.50 -7.84 | 63.42 7.36 -4.93 | 55.95 5.99 -8.10 | 52.70 4.76 -10.20 | 48.93 4.49 -8.84 | 47.02 4.35 -8.65 | 45.88 4.23 -8.04 | 43.93 4.08 -7.17 | 45.02 4.18 -7.43 | 46.21 4.32 -7.33 | 55.43 5.00 -13.66 | 70.10 6.54 -21.07 | 69.28 6.92 -17.12 | 62.66 6.30 -14.67 | 54.17 5.64 -10.14 | 52.56 4.97 -9.63 | 46.21 4.46 -5.45 | 42.98 4.26 -3.26 |
| SOUTHOLD___IC 23719 | 46.28 4.02 -6.96 | 43.10 3.83 -6.76 | 41.18 3.72 -5.34 | 42.24 3.75 -5.59 | 44.61 3.80 -7.79 | 48.58 4.28 -8.66 | 59.32 6.68 -7.84 | 64.19 8.13 -4.93 | 56.08 6.11 -8.10 | 52.70 4.76 -10.20 | 48.93 4.49 -8.84 | 47.02 4.35 -8.65 | 45.88 4.23 -8.04 | 43.93 4.08 -7.17 | 45.02 4.18 -7.43 | 46.17 4.28 -7.33 | 55.43 5.00 -13.66 | 70.10 6.54 -21.07 | 69.28 6.92 -17.12 | 62.66 6.30 -14.67 | 54.17 5.64 -10.14 | 52.59 5.01 -9.63 | 46.21 4.46 -5.45 | 42.97 4.25 -3.26 |
| SOUTH_FORK_WT_PWR 323839 | 46.28 4.02 -6.96 | 43.10 3.83 -6.76 | 41.18 3.72 -5.34 | 42.27 3.78 -5.59 | 44.61 3.80 -7.79 | 48.58 4.28 -8.66 | 59.32 6.68 -7.84 | 64.19 8.13 -4.93 | 56.08 6.11 -8.10 | 52.70 4.76 -10.20 | 48.93 4.49 -8.84 | 47.02 4.35 -8.65 | 45.88 4.23 -8.04 | 43.89 4.05 -7.17 | 45.02 4.18 -7.43 | 46.17 4.28 -7.33 | 55.43 5.00 -13.66 | 70.10 6.54 -21.07 | 69.28 6.92 -17.12 | 62.66 6.30 -14.67 | 54.17 5.64 -10.14 | 52.59 5.01 -9.63 | 46.21 4.46 -5.45 | 42.97 4.25 -3.26 |
| SPIERFLS_115KV_TB 1 80737 | 36.01 0.71 0.00 | 33.16 0.65 0.00 | 32.73 0.61 0.00 | 33.52 0.62 0.00 | 33.72 0.69 0.00 | 36.43 0.78 0.00 | 46.51 1.70 0.00 | 53.12 1.99 0.00 | 43.33 1.47 0.00 | 38.65 0.91 0.00 | 36.25 0.64 0.00 | 34.66 0.65 0.00 | 34.17 0.57 0.00 | 33.06 0.39 0.00 | 33.88 0.47 0.00 | 35.07 0.52 0.00 | 37.50 0.74 0.00 | 43.68 1.19 0.00 | 46.78 1.54 0.00 | 43.08 1.38 0.00 | 39.69 1.31 0.00 | 38.86 0.91 0.00 | 37.02 0.73 0.00 | 36.10 0.64 0.00 |
| ST LAWRENCE____ 23600 | 35.34 0.04 0.00 | 32.44 -0.06 0.00 | 32.12 0.00 0.00 | 32.93 0.03 0.00 | 33.06 0.03 0.00 | 35.54 -0.11 0.00 | 44.13 -0.67 0.00 | 50.05 -1.08 0.00 | 41.37 -0.50 0.00 | 37.74 0.00 0.00 | 35.68 0.07 0.00 | 33.98 -0.03 0.00 | 33.63 0.03 0.00 | 32.70 0.03 0.00 | 33.41 0.00 0.00 | 34.59 0.03 0.00 | 36.70 -0.07 0.00 | 42.02 -0.47 0.00 | 44.70 -0.54 0.00 | 41.16 -0.54 0.00 | 37.88 -0.50 0.00 | 37.84 -0.11 0.00 | 36.33 0.04 0.00 | 35.61 0.14 0.00 |
| STATE_CA_115KV_115_LB 55624 | 36.01 0.71 0.00 | 33.16 0.65 0.00 | 32.73 0.61 0.00 | 33.49 0.59 0.00 | 33.66 0.63 0.00 | 36.39 0.75 0.00 | 46.02 1.21 0.00 | 52.51 1.38 0.00 | 43.00 1.13 0.00 | 38.39 0.64 0.00 | 36.14 0.53 0.00 | 34.72 0.71 0.00 | 34.24 0.64 0.00 | 33.33 0.65 0.00 | 34.15 0.74 0.00 | 35.25 0.69 0.00 | 37.50 0.74 0.00 | 43.59 1.10 0.00 | 46.51 1.27 0.00 | 42.83 1.13 0.00 | 39.42 1.04 0.00 | 38.71 0.76 0.00 | 36.95 0.65 0.00 | 36.10 0.64 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 34.67 -0.64 0.00 | 31.99 -0.52 0.00 | 31.64 -0.48 0.00 | 32.43 -0.46 0.00 | 32.50 -0.53 0.00 | 35.36 -0.29 0.00 | 44.83 0.00 -0.02 | 50.95 -0.20 -0.03 | 41.73 -0.17 -0.03 | 37.37 -0.38 0.00 | 35.11 -0.50 0.00 | 33.47 -0.54 0.00 | 33.03 -0.57 0.00 | 32.05 -0.62 0.00 | 32.77 -0.63 0.00 | 33.96 -0.59 0.00 | 36.23 -0.51 0.02 | 42.26 -0.25 -0.03 | 45.00 -0.27 -0.03 | 41.56 -0.17 -0.03 | 38.26 -0.15 -0.03 | 37.27 -0.53 0.15 | 35.58 -0.69 0.02 | 34.79 -0.67 0.00 |
| STATION 5_MISC_HYD 23604 | 33.25 -2.05 0.00 | 30.56 -1.95 0.00 | 30.19 -1.93 0.00 | 30.95 -1.94 0.00 | 31.01 -2.02 0.00 | 33.86 -1.78 0.00 | 42.33 -2.46 0.01 | 48.20 -2.91 0.02 | 39.21 -2.64 0.02 | 35.33 -2.42 0.00 | 33.22 -2.39 0.00 | 31.70 -2.31 0.00 | 31.35 -2.25 0.00 | 30.35 -2.32 0.00 | 31.06 -2.34 0.01 | 32.16 -2.38 0.01 | 34.25 -2.46 0.06 | 39.92 -2.55 0.02 | 42.55 -2.67 0.02 | 39.35 -2.33 0.02 | 36.18 -2.19 0.02 | 35.13 -2.47 0.36 | 33.84 -2.40 0.06 | 33.02 -2.45 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 34.06 -1.24 0.00 | 31.44 -1.07 0.00 | 31.16 -0.96 0.00 | 31.94 -0.95 0.00 | 31.81 -1.22 0.00 | 34.79 -0.86 0.00 | 43.87 -0.90 0.04 | 50.16 -0.92 0.04 | 41.03 -0.80 0.04 | 36.73 -1.02 0.00 | 34.47 -1.14 0.00 | 32.85 -1.16 0.00 | 32.46 -1.14 0.00 | 31.43 -1.24 0.00 | 32.17 -1.24 0.01 | 33.34 -1.21 0.01 | 35.62 -1.10 0.05 | 41.55 -0.89 0.04 | 44.25 -0.95 0.04 | 40.86 -0.79 0.04 | 37.61 -0.73 0.04 | 36.52 -1.14 0.29 | 35.01 -1.23 0.05 | 34.22 -1.24 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 33.18 -2.12 0.00 | 30.62 -1.89 0.00 | 30.39 -1.73 0.00 | 31.15 -1.74 0.00 | 30.95 -2.08 0.00 | 33.86 -1.78 0.00 | 42.59 -2.20 0.02 | 48.29 -2.81 0.02 | 39.42 -2.43 0.02 | 35.33 -2.42 0.00 | 33.18 -2.42 0.00 | 31.66 -2.35 0.00 | 31.32 -2.28 0.00 | 30.32 -2.35 0.00 | 31.00 -2.41 0.01 | 32.13 -2.42 0.01 | 34.25 -2.46 0.06 | 39.92 -2.55 0.02 | 42.55 -2.67 0.02 | 39.26 -2.42 0.02 | 36.14 -2.23 0.02 | 35.09 -2.50 0.35 | 33.77 -2.47 0.06 | 32.95 -2.52 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| STA_56___34_KV_BUS2 355983 | 33.18 -2.12 0.00 | 30.62 -1.89 0.00 | 30.39 -1.73 0.00 | 31.15 -1.74 0.00 | 30.95 -2.08 0.00 | 33.86 -1.78 0.00 | 42.59 -2.20 0.02 | 48.29 -2.81 0.02 | 39.42 -2.43 0.02 | 35.33 -2.42 0.00 | 33.18 -2.42 0.00 | 31.66 -2.35 0.00 | 31.32 -2.28 0.00 | 30.32 -2.35 0.00 | 31.00 -2.41 0.01 | 32.13 -2.42 0.01 | 34.25 -2.46 0.06 | 39.92 -2.55 0.02 | 42.55 -2.67 0.02 | 39.26 -2.42 0.02 | 36.14 -2.23 0.02 | 35.09 -2.50 0.35 | 33.77 -2.47 0.06 | 32.95 -2.52 0.00 |
| STA_67___115KV_BK2 355882 | 33.18 -2.12 0.00 | 30.66 -1.85 0.00 | 30.42 -1.70 0.00 | 31.18 -1.71 0.00 | 30.98 -2.05 0.00 | 33.93 -1.71 0.00 | 42.60 -2.20 0.01 | 48.19 -2.91 0.02 | 39.38 -2.47 0.02 | 35.25 -2.49 0.00 | 33.15 -2.46 0.00 | 31.63 -2.38 0.00 | 31.28 -2.32 0.00 | 30.32 -2.35 0.00 | 31.00 -2.41 0.01 | 32.13 -2.42 0.01 | 34.17 -2.54 0.06 | 39.84 -2.63 0.02 | 42.46 -2.76 0.02 | 39.18 -2.50 0.02 | 36.10 -2.26 0.02 | 35.05 -2.54 0.36 | 33.77 -2.47 0.06 | 32.95 -2.52 0.00 |
| STA_7___115KV_9TRANS 80674 | 33.43 -1.87 0.00 | 30.85 -1.66 0.00 | 30.61 -1.51 0.00 | 31.38 -1.51 0.00 | 31.15 -1.88 0.00 | 34.15 -1.50 0.00 | 42.91 -1.88 0.01 | 48.55 -2.56 0.02 | 39.67 -2.18 0.02 | 35.52 -2.23 0.00 | 33.36 -2.24 0.00 | 31.83 -2.18 0.00 | 31.48 -2.12 0.00 | 30.48 -2.19 0.00 | 31.17 -2.24 0.01 | 32.30 -2.25 0.01 | 34.39 -2.32 0.06 | 40.13 -2.34 0.02 | 42.78 -2.44 0.02 | 39.52 -2.17 0.02 | 36.37 -2.00 0.02 | 35.32 -2.28 0.36 | 33.99 -2.25 0.06 | 33.16 -2.31 0.00 |
| STA_82___115KV_TB1 80780 | 33.22 -2.08 0.00 | 30.69 -1.82 0.00 | 30.45 -1.67 0.00 | 31.18 -1.71 0.00 | 30.98 -2.05 0.00 | 33.93 -1.71 0.00 | 42.64 -2.15 0.01 | 48.19 -2.91 0.02 | 39.38 -2.47 0.02 | 35.25 -2.49 0.00 | 33.15 -2.46 0.00 | 31.63 -2.38 0.00 | 31.32 -2.28 0.00 | 30.32 -2.35 0.00 | 31.00 -2.41 0.01 | 32.13 -2.42 0.01 | 34.17 -2.54 0.06 | 39.84 -2.63 0.02 | 42.46 -2.76 0.02 | 39.18 -2.50 0.02 | 36.10 -2.26 0.02 | 35.05 -2.54 0.35 | 33.77 -2.47 0.06 | 32.95 -2.52 0.00 |
| STEEL___WIND 323596 | 32.69 -2.61 0.00 | 30.14 -2.37 0.00 | 29.78 -2.34 0.00 | 30.59 -2.30 0.00 | 30.68 -2.34 0.00 | 33.65 -2.00 0.00 | 41.08 -3.72 0.01 | 46.11 -5.01 0.01 | 37.97 -3.89 0.01 | 34.57 -3.17 0.00 | 32.69 -2.92 0.00 | 31.19 -2.82 0.00 | 30.95 -2.66 0.00 | 29.89 -2.78 0.00 | 30.56 -2.84 0.01 | 31.68 -2.87 0.01 | 32.74 -3.97 0.05 | 38.36 -4.12 0.01 | 40.80 -4.43 0.01 | 37.77 -3.92 0.01 | 34.88 -3.49 0.01 | 33.22 -4.40 0.33 | 32.43 -3.81 0.05 | 32.56 -2.91 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 36.36 1.06 0.00 | 33.48 0.98 0.00 | 33.05 0.93 0.00 | 33.82 0.92 0.00 | 33.99 0.96 0.00 | 36.79 1.14 0.00 | 46.55 1.75 0.00 | 53.17 2.05 0.00 | 43.50 1.63 0.00 | 38.80 1.06 0.00 | 36.46 0.85 0.00 | 35.00 0.99 0.00 | 34.51 0.91 0.00 | 33.59 0.91 0.00 | 34.42 1.00 0.00 | 35.56 1.00 0.00 | 37.87 1.10 0.00 | 44.06 1.57 0.00 | 47.05 1.81 0.00 | 43.33 1.63 0.00 | 39.92 1.54 0.00 | 39.13 1.18 0.00 | 37.35 1.05 0.00 | 36.46 0.99 0.00 |
| STEBUBEN_REC_LFGE 323667 | 35.72 0.42 0.00 | 33.03 0.52 0.00 | 32.76 0.64 0.00 | 33.55 0.66 0.00 | 33.59 0.56 0.00 | 36.82 1.18 0.00 | 46.71 1.88 -0.03 | 52.03 0.87 -0.03 | 43.03 1.13 -0.03 | 38.42 0.68 0.00 | 36.18 0.57 0.00 | 34.38 0.37 0.00 | 33.97 0.37 0.00 | 32.87 0.20 0.00 | 33.61 0.20 0.01 | 34.93 0.38 0.01 | 36.88 0.15 0.03 | 43.37 0.85 -0.03 | 46.09 0.81 -0.03 | 42.57 0.83 -0.03 | 39.37 0.96 -0.03 | 37.74 0.00 0.21 | 36.15 -0.11 0.03 | 36.00 0.53 0.00 |
| STILLWATER___SOLAR 323814 | 36.68 1.38 0.00 | 33.81 1.30 0.00 | 33.41 1.29 0.00 | 34.21 1.32 0.00 | 34.35 1.32 0.00 | 37.21 1.57 0.00 | 47.18 2.37 0.00 | 54.14 3.02 0.00 | 43.96 2.09 0.00 | 39.18 1.43 0.00 | 36.85 1.25 0.00 | 35.23 1.22 0.00 | 34.74 1.14 0.00 | 33.78 1.11 0.00 | 34.58 1.17 0.00 | 35.76 1.21 0.00 | 38.20 1.43 0.00 | 44.44 1.96 0.00 | 47.50 2.26 0.00 | 43.74 2.04 0.00 | 40.30 1.92 0.00 | 39.54 1.59 0.00 | 37.71 1.41 0.00 | 36.81 1.35 0.00 |
| STONY___BROOK 24151 | 45.30 3.04 -6.96 | 42.16 2.89 -6.76 | 40.25 2.79 -5.34 | 41.32 2.83 -5.59 | 43.66 2.84 -7.79 | 47.44 3.14 -8.66 | 57.62 4.97 -7.84 | 62.29 6.24 -4.93 | 54.69 4.73 -8.10 | 51.60 3.66 -10.20 | 47.86 3.42 -8.84 | 46.03 3.37 -8.65 | 44.94 3.29 -8.04 | 43.05 3.20 -7.17 | 44.16 3.31 -7.43 | 45.28 3.39 -7.33 | 54.22 3.79 -13.66 | 68.40 4.84 -21.07 | 67.52 5.16 -17.12 | 61.12 4.75 -14.67 | 52.82 4.30 -10.14 | 51.38 3.79 -9.63 | 45.19 3.45 -5.45 | 41.95 3.23 -3.26 |
| STURGEON_POOL_HYD 23609 | 36.96 1.66 0.00 | 34.07 1.56 0.00 | 33.57 1.45 0.00 | 34.34 1.45 0.00 | 34.51 1.49 0.00 | 37.21 1.57 0.00 | 47.40 2.60 0.00 | 54.09 2.97 0.00 | 44.34 2.47 0.00 | 39.52 1.77 0.00 | 37.24 1.64 0.00 | 35.61 1.60 0.00 | 35.15 1.55 0.00 | 34.21 1.54 0.00 | 35.02 1.60 0.00 | 36.14 1.59 0.00 | 38.57 1.80 0.00 | 45.08 2.59 0.00 | 47.95 2.71 0.00 | 44.12 2.42 0.00 | 40.61 2.23 0.00 | 39.77 1.82 0.00 | 38.00 1.71 0.00 | 37.06 1.60 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 36.71 1.41 0.00 | 33.84 1.33 0.00 | 33.37 1.25 0.00 | 34.11 1.22 0.00 | 34.32 1.29 0.00 | 37.04 1.39 0.00 | 47.14 2.33 0.00 | 53.78 2.66 0.00 | 44.09 2.22 0.00 | 39.33 1.59 0.00 | 37.07 1.46 0.00 | 35.47 1.46 0.00 | 35.01 1.41 0.00 | 34.08 1.40 0.00 | 34.88 1.47 0.00 | 36.01 1.45 0.00 | 38.42 1.65 0.00 | 44.88 2.38 -0.01 | 47.83 2.49 -0.11 | 43.96 2.25 -0.01 | 40.42 2.03 0.00 | 39.62 1.67 0.00 | 37.82 1.52 0.00 | 36.85 1.38 0.00 |
| SWANROAD_115KV_TB1 355699 | 31.35 -3.95 0.00 | 29.13 -3.38 0.00 | 29.00 -3.12 0.00 | 29.77 -3.12 0.00 | 29.36 -3.67 0.00 | 32.40 -3.24 0.00 | 40.18 -4.61 0.01 | 44.57 -6.54 0.01 | 36.75 -5.11 0.01 | 32.99 -4.76 0.00 | 31.15 -4.45 0.00 | 29.76 -4.25 0.00 | 29.53 -4.07 0.00 | 28.56 -4.12 0.00 | 29.16 -4.24 0.01 | 30.26 -4.28 0.01 | 31.57 -5.15 0.06 | 36.83 -5.65 0.01 | 39.26 -5.97 0.01 | 36.10 -5.59 0.01 | 33.46 -4.91 0.01 | 32.22 -5.39 0.34 | 31.41 -4.83 0.06 | 31.10 -4.36 0.00 |
| SYNERGY___BIOGAS 323694 | 33.04 -2.26 0.00 | 30.36 -2.15 0.00 | 30.00 -2.12 0.00 | 30.79 -2.11 0.00 | 30.82 -2.21 0.00 | 33.83 -1.82 0.00 | 41.79 -3.00 0.01 | 47.33 -3.78 0.01 | 38.63 -3.22 0.01 | 34.91 -2.83 0.00 | 32.79 -2.81 0.00 | 31.29 -2.72 0.00 | 30.98 -2.62 0.00 | 29.93 -2.74 0.00 | 30.63 -2.77 0.01 | 31.78 -2.77 0.01 | 33.51 -3.20 0.06 | 39.24 -3.23 0.01 | 41.83 -3.39 0.01 | 38.68 -3.00 0.01 | 35.65 -2.72 0.01 | 34.30 -3.30 0.34 | 33.15 -3.09 0.06 | 32.66 -2.80 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 34.45 -0.85 0.00 | 31.76 -0.75 0.00 | 31.41 -0.71 0.00 | 32.17 -0.72 0.00 | 32.27 -0.76 0.00 | 35.00 -0.64 0.00 | 44.28 -0.54 -0.01 | 50.37 -0.77 -0.01 | 41.17 -0.71 -0.01 | 36.91 -0.83 0.00 | 34.72 -0.89 0.00 | 33.13 -0.88 0.00 | 32.73 -0.87 0.00 | 31.76 -0.91 0.00 | 32.47 -0.94 0.00 | 33.65 -0.90 0.00 | 35.90 -0.85 0.02 | 41.78 -0.72 -0.01 | 44.48 -0.77 -0.01 | 41.09 -0.63 -0.01 | 37.82 -0.58 -0.01 | 36.99 -0.83 0.12 | 35.33 -0.94 0.02 | 34.58 -0.89 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 34.45 -0.85 0.00 | 31.76 -0.75 0.00 | 31.41 -0.71 0.00 | 32.17 -0.72 0.00 | 32.27 -0.76 0.00 | 35.00 -0.64 0.00 | 44.28 -0.54 -0.01 | 50.37 -0.77 -0.01 | 41.17 -0.71 -0.01 | 36.91 -0.83 0.00 | 34.72 -0.89 0.00 | 33.13 -0.88 0.00 | 32.73 -0.87 0.00 | 31.76 -0.91 0.00 | 32.47 -0.94 0.00 | 33.65 -0.90 0.00 | 35.90 -0.85 0.02 | 41.78 -0.72 -0.01 | 44.48 -0.77 -0.01 | 41.09 -0.63 -0.01 | 37.82 -0.58 -0.01 | 36.99 -0.83 0.12 | 35.33 -0.94 0.02 | 34.58 -0.89 0.00 |

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| SYRACUSE___POWER 24017 | 34.38 -0.92 0.00 | 31.70 -0.81 0.00 | 31.35 -0.77 0.00 | 32.10 -0.79 0.00 | 32.20 -0.83 0.00 | 34.97 -0.68 0.00 | 44.23 -0.58 -0.01 | 50.26 -0.87 -0.01 | 41.12 -0.75 -0.01 | 36.84 -0.91 0.00 | 34.68 -0.93 0.00 | 33.09 -0.92 0.00 | 32.69 -0.91 0.00 | 31.72 -0.95 0.00 | 32.44 -0.97 0.00 | 33.62 -0.93 0.00 | 35.86 -0.88 0.03 | 41.73 -0.76 -0.01 | 44.43 -0.81 -0.01 | 41.04 -0.67 -0.01 | 37.78 -0.61 -0.01 | 36.90 -0.87 0.18 | 35.29 -0.98 0.03 | 34.51 -0.96 0.00 |
| TALLMAN___138KV_BK151 55660 | 36.85 1.55 0.00 | 33.97 1.46 0.00 | 33.50 1.38 0.00 | 34.24 1.35 0.00 | 34.45 1.42 0.00 | 37.21 1.57 0.00 | 47.36 2.55 0.00 | 54.09 2.97 0.00 | 44.34 2.47 0.00 | 39.56 1.81 0.00 | 37.28 1.67 0.00 | 35.68 1.67 0.00 | 35.25 1.65 0.00 | 34.31 1.63 0.00 | 35.08 1.67 0.00 | 36.21 1.66 0.00 | 38.64 1.88 0.00 | 45.14 2.63 -0.02 | 48.16 2.76 -0.16 | 44.26 2.54 -0.01 | 40.65 2.26 0.00 | 39.81 1.86 0.00 | 38.00 1.71 0.00 | 37.02 1.56 0.00 |
| TEALLAVE_115KV_TB7 355573 | 34.14 -1.16 0.00 | 31.47 -1.04 0.00 | 31.12 -1.00 0.00 | 31.87 -1.02 0.00 | 31.94 -1.09 0.00 | 34.68 -0.96 0.00 | 43.87 -0.94 0.00 | 49.90 -1.23 0.00 | 40.82 -1.05 0.00 | 36.57 -1.17 0.00 | 34.43 -1.17 0.00 | 32.85 -1.16 0.00 | 32.46 -1.14 0.00 | 31.50 -1.18 0.00 | 32.21 -1.20 0.01 | 33.38 -1.17 0.01 | 35.56 -1.18 0.03 | 41.39 -1.10 0.00 | 44.07 -1.18 0.00 | 40.70 -1.00 0.00 | 37.47 -0.92 0.00 | 36.57 -1.18 0.20 | 34.99 -1.27 0.03 | 34.22 -1.24 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 32.41 -2.89 0.00 | 30.04 -2.47 0.00 | 29.90 -2.22 0.00 | 30.66 -2.24 0.00 | 30.29 -2.74 0.00 | 33.40 -2.25 0.00 | 41.61 -3.18 0.01 | 46.31 -4.81 0.01 | 38.17 -3.68 0.01 | 34.20 -3.55 0.00 | 32.22 -3.38 0.00 | 30.71 -3.30 0.00 | 30.44 -3.16 0.00 | 29.44 -3.23 0.00 | 30.10 -3.31 0.01 | 31.23 -3.32 0.01 | 32.74 -3.97 0.06 | 38.31 -4.16 0.01 | 40.79 -4.43 0.01 | 37.56 -4.13 0.01 | 34.76 -3.61 0.01 | 33.43 -4.17 0.34 | 32.46 -3.77 0.06 | 32.10 -3.37 0.00 |
| TEMPLE___115KV_TB 2 55572 | 34.14 -1.16 0.00 | 31.50 -1.01 0.00 | 31.16 -0.96 0.00 | 31.91 -0.99 0.00 | 31.97 -1.06 0.00 | 34.72 -0.93 0.00 | 43.91 -0.90 0.00 | 49.90 -1.23 0.00 | 40.82 -1.05 0.00 | 36.61 -1.13 0.00 | 34.43 -1.17 0.00 | 32.85 -1.16 0.00 | 32.46 -1.14 0.00 | 31.53 -1.14 0.00 | 32.24 -1.17 0.01 | 33.38 -1.17 0.01 | 35.60 -1.14 0.03 | 41.43 -1.06 0.00 | 44.11 -1.13 0.00 | 40.70 -1.00 0.00 | 37.46 -0.92 0.00 | 36.57 -1.18 0.21 | 35.03 -1.23 0.03 | 34.26 -1.21 0.00 |
| TIANA___69_KV_BK 1 55817 | 45.76 3.49 -6.96 | 42.55 3.28 -6.76 | 40.60 3.15 -5.34 | 41.65 3.16 -5.59 | 44.08 3.27 -7.79 | 47.91 3.60 -8.66 | 58.25 5.60 -7.84 | 62.40 6.34 -4.93 | 55.20 5.23 -8.10 | 52.05 4.11 -10.20 | 48.32 3.88 -8.84 | 46.44 3.78 -8.65 | 45.37 3.73 -8.04 | 43.44 3.59 -7.17 | 44.52 3.68 -7.43 | 45.69 3.80 -7.33 | 54.81 4.38 -13.66 | 69.25 5.69 -21.07 | 68.42 6.06 -17.12 | 61.83 5.46 -14.67 | 53.48 4.95 -10.14 | 51.91 4.33 -9.63 | 45.63 3.88 -5.45 | 42.44 3.72 -3.26 |
| TILDEN___115KV_TB1 80814 | 34.38 -0.92 0.00 | 31.70 -0.81 0.00 | 31.35 -0.77 0.00 | 32.10 -0.79 0.00 | 32.20 -0.83 0.00 | 34.97 -0.68 0.00 | 44.23 -0.58 -0.01 | 50.26 -0.87 -0.01 | 41.12 -0.75 -0.01 | 36.84 -0.91 0.00 | 34.68 -0.93 0.00 | 33.09 -0.92 0.00 | 32.69 -0.91 0.00 | 31.72 -0.95 0.00 | 32.44 -0.97 0.00 | 33.62 -0.93 0.00 | 35.86 -0.88 0.03 | 41.73 -0.76 -0.01 | 44.43 -0.81 -0.01 | 41.04 -0.67 -0.01 | 37.78 -0.61 -0.01 | 36.90 -0.87 0.18 | 35.29 -0.98 0.03 | 34.51 -0.96 0.00 |
| TRIGEN___CC 323695 | 44.59 2.33 -6.96 | 41.45 2.18 -6.76 | 39.51 2.06 -5.34 | 40.56 2.07 -5.59 | 42.93 2.11 -7.79 | 46.62 2.32 -8.66 | 56.14 3.49 -7.84 | 60.10 4.04 -4.93 | 53.43 3.47 -8.09 | 50.66 2.72 -10.20 | 46.97 2.53 -8.84 | 45.18 2.52 -8.65 | 44.13 2.49 -8.04 | 42.29 2.45 -7.17 | 43.35 2.51 -7.43 | 44.44 2.56 -7.33 | 53.22 2.79 -13.66 | 67.21 3.65 -21.07 | 66.30 3.89 -17.17 | 59.92 3.54 -14.67 | 51.71 3.19 -10.14 | 50.35 2.77 -9.63 | 44.31 2.58 -5.44 | 41.13 2.41 -3.26 |
| TRINITY___115KV___ 4 BK 55933 | 35.90 0.60 0.00 | 33.09 0.59 0.00 | 32.67 0.55 0.00 | 33.42 0.53 0.00 | 33.59 0.56 0.00 | 36.29 0.64 0.00 | 45.84 1.03 0.00 | 52.30 1.18 0.00 | 42.83 0.96 0.00 | 38.27 0.53 0.00 | 36.03 0.43 0.00 | 34.62 0.61 0.00 | 34.17 0.57 0.00 | 33.26 0.59 0.00 | 34.05 0.63 0.00 | 35.14 0.59 0.00 | 37.39 0.63 0.00 | 43.42 0.93 0.00 | 46.33 1.09 0.00 | 42.70 1.00 0.00 | 39.30 0.92 0.00 | 38.60 0.65 0.00 | 36.84 0.54 0.00 | 36.00 0.53 0.00 |
| UNION___PROCESSING_DRP 323587 | 33.22 -2.08 0.00 | 30.69 -1.82 0.00 | 30.45 -1.67 0.00 | 31.22 -1.68 0.00 | 30.98 -2.05 0.00 | 33.97 -1.68 0.00 | 42.64 -2.15 0.01 | 48.24 -2.86 0.02 | 39.38 -2.47 0.02 | 35.29 -2.45 0.00 | 33.15 -2.46 0.00 | 31.66 -2.35 0.00 | 31.32 -2.28 0.00 | 30.32 -2.35 0.00 | 31.00 -2.41 0.01 | 32.13 -2.42 0.01 | 34.21 -2.50 0.06 | 39.84 -2.63 0.02 | 42.46 -2.76 0.02 | 39.22 -2.46 0.02 | 36.10 -2.26 0.02 | 35.09 -2.50 0.35 | 33.77 -2.47 0.06 | 32.98 -2.48 0.00 |
| UPPER HUDSON___HYD 24058 | 36.01 0.71 0.00 | 33.16 0.65 0.00 | 32.76 0.64 0.00 | 33.55 0.66 0.00 | 33.72 0.69 0.00 | 36.57 0.93 0.00 | 46.55 1.75 0.00 | 53.43 2.30 0.00 | 43.33 1.46 0.00 | 38.65 0.90 0.00 | 36.28 0.67 0.00 | 34.65 0.64 0.00 | 34.14 0.54 0.00 | 33.07 0.39 0.00 | 33.88 0.47 0.00 | 35.07 0.52 0.00 | 37.50 0.74 0.00 | 43.68 1.19 0.00 | 46.78 1.54 0.00 | 43.07 1.37 0.00 | 39.69 1.31 0.00 | 38.90 0.95 0.00 | 37.02 0.73 0.00 | 36.10 0.64 0.00 |
| UPPER RAQUET___HYD 24056 | 35.34 0.04 0.00 | 32.35 -0.16 0.00 | 32.02 -0.10 0.00 | 32.89 0.00 0.00 | 33.09 0.07 0.00 | 35.47 -0.18 0.00 | 44.00 -0.81 0.00 | 50.00 -1.13 0.00 | 41.28 -0.59 0.00 | 37.63 -0.11 0.00 | 35.43 -0.18 0.00 | 33.57 -0.44 0.00 | 33.16 -0.44 0.00 | 32.28 -0.39 0.00 | 32.98 -0.44 0.00 | 34.18 -0.38 0.00 | 36.44 -0.33 0.00 | 41.93 -0.55 0.00 | 44.56 -0.68 0.00 | 41.03 -0.67 0.00 | 37.73 -0.65 0.00 | 37.65 -0.30 0.00 | 36.19 -0.11 0.00 | 35.61 0.14 0.00 |
| VALLEY44_115KV_TB2 355964 | 33.57 -1.73 0.00 | 31.14 -1.37 0.00 | 30.96 -1.16 0.00 | 31.74 -1.15 0.00 | 31.54 -1.49 0.00 | 34.72 -0.93 0.00 | 43.32 -1.48 0.00 | 45.96 -5.16 0.00 | 39.39 -2.47 0.00 | 35.52 -2.23 0.00 | 33.58 -2.03 0.00 | 32.00 -2.01 0.00 | 31.72 -1.88 0.00 | 30.68 -1.99 0.00 | 31.30 -2.11 0.01 | 32.54 -2.00 0.01 | 32.86 -3.86 0.05 | 38.96 -3.53 0.00 | 41.30 -3.94 0.00 | 37.82 -3.88 0.00 | 35.39 -2.99 0.00 | 33.02 -4.63 0.30 | 32.40 -3.85 0.05 | 33.55 -1.92 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 35.90 0.60 0.00 | 33.09 0.59 0.00 | 32.70 0.58 0.00 | 33.52 0.62 0.00 | 33.69 0.66 0.00 | 36.43 0.78 0.00 | 45.97 1.16 0.00 | 52.35 1.23 0.00 | 42.83 0.96 0.00 | 38.46 0.72 0.00 | 36.21 0.61 0.00 | 34.62 0.61 0.00 | 34.17 0.57 0.00 | 33.23 0.56 0.00 | 33.98 0.57 0.00 | 35.14 0.59 0.00 | 37.47 0.70 0.00 | 43.42 0.93 0.00 | 46.24 1.00 0.00 | 42.62 0.92 0.00 | 39.23 0.84 0.00 | 38.75 0.80 0.00 | 37.02 0.73 0.00 | 36.17 0.71 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 37.95 2.65 0.00 | 34.95 2.44 0.00 | 34.50 2.38 0.00 | 35.36 2.47 0.00 | 35.60 2.58 0.00 | 38.57 2.92 0.00 | 49.02 4.21 -0.01 | 55.78 4.65 -0.01 | 45.60 3.73 -0.01 | 40.73 2.98 0.00 | 38.06 2.46 0.00 | 36.22 2.21 0.00 | 35.65 2.05 0.00 | 34.63 1.96 0.00 | 35.42 2.00 0.00 | 36.70 2.14 0.00 | 39.29 2.54 0.01 | 46.02 3.53 -0.01 | 49.09 3.85 -0.01 | 45.25 3.54 -0.01 | 41.65 3.26 -0.01 | 40.73 2.85 0.07 | 38.90 2.61 0.01 | 38.05 2.59 0.00 |

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| VISCHER___FERRY HYD 24020 | 36.54 1.23 0.00 | 33.65 1.14 0.00 | 33.24 1.12 0.00 | 34.05 1.15 0.00 | 34.15 1.12 0.00 | 36.97 1.32 0.00 | 46.82 2.02 0.00 | 53.68 2.56 0.00 | 43.67 1.80 0.00 | 38.99 1.24 0.00 | 36.74 1.14 0.00 | 35.17 1.16 0.00 | 34.71 1.11 0.00 | 33.75 1.08 0.00 | 34.55 1.14 0.00 | 35.69 1.14 0.00 | 38.02 1.25 0.00 | 44.23 1.74 0.00 | 47.18 1.94 0.00 | 43.45 1.75 0.00 | 40.00 1.61 0.00 | 39.31 1.36 0.00 | 37.49 1.20 0.00 | 36.63 1.17 0.00 |
| V_A_10_SYNC_DSASP 323832 | 32.12 -3.18 0.00 | 29.58 -2.93 0.00 | 29.23 -2.89 0.00 | 29.97 -2.93 0.00 | 30.06 -2.97 0.00 | 32.90 -2.74 0.00 | 40.72 -4.08 0.01 | 46.30 -4.81 0.01 | 37.67 -4.19 0.01 | 34.01 -3.74 0.00 | 32.12 -3.49 0.00 | 30.68 -3.33 0.00 | 30.41 -3.19 0.00 | 29.44 -3.24 0.00 | 30.10 -3.31 0.01 | 31.16 -3.39 0.01 | 32.96 -3.75 0.06 | 38.31 -4.16 0.01 | 40.84 -4.39 0.01 | 37.77 -3.92 0.01 | 34.76 -3.61 0.01 | 33.76 -3.83 0.36 | 32.68 -3.56 0.06 | 31.99 -3.47 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 35.48 0.18 0.00 | 32.57 0.07 0.00 | 32.22 0.10 0.00 | 33.06 0.17 0.00 | 33.19 0.17 0.00 | 35.68 0.04 0.00 | 44.36 -0.45 0.00 | 50.26 -0.87 0.00 | 41.53 -0.34 0.00 | 37.90 0.15 0.00 | 35.82 0.21 0.00 | 34.08 0.07 0.00 | 33.74 0.13 0.00 | 32.84 0.16 0.00 | 33.55 0.13 0.00 | 34.69 0.14 0.00 | 36.84 0.07 0.00 | 42.19 -0.30 0.00 | 44.88 -0.36 0.00 | 41.32 -0.38 0.00 | 38.08 -0.31 0.00 | 37.99 0.04 0.00 | 36.48 0.18 0.00 | 35.75 0.28 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 37.06 1.76 0.00 | 33.84 1.33 0.00 | 33.57 1.45 0.00 | 34.47 1.58 0.00 | 34.61 1.59 0.00 | 37.36 1.71 0.00 | 46.06 1.25 0.00 | 52.25 1.12 0.00 | 43.17 1.30 0.00 | 39.40 1.66 0.00 | 37.14 1.53 0.00 | 35.10 1.09 0.00 | 34.84 1.24 0.00 | 33.91 1.24 0.00 | 34.68 1.27 0.00 | 35.90 1.35 0.00 | 38.31 1.54 0.00 | 44.10 1.61 0.00 | 46.69 1.45 0.00 | 43.00 1.29 0.00 | 39.53 1.15 0.00 | 39.39 1.44 0.00 | 37.60 1.30 0.00 | 37.45 1.98 0.00 |
| V_D_10_SYNC_DSASP 323841 | 35.69 0.39 0.00 | 32.74 0.23 0.00 | 32.41 0.29 0.00 | 33.22 0.33 0.00 | 33.39 0.36 0.00 | 35.86 0.22 0.00 | 44.63 -0.18 0.00 | 50.56 -0.56 0.00 | 41.78 -0.08 0.00 | 38.12 0.38 0.00 | 36.00 0.39 0.00 | 34.18 0.17 0.00 | 33.87 0.27 0.00 | 32.93 0.26 0.00 | 33.65 0.24 0.00 | 34.83 0.28 0.00 | 37.03 0.26 0.00 | 42.45 -0.04 0.00 | 45.10 -0.14 0.00 | 41.58 -0.12 0.00 | 38.27 -0.11 0.00 | 38.22 0.27 0.00 | 36.62 0.33 0.00 | 35.96 0.50 0.00 |
| V_E_10_SYNC_DSASP 323830 | 39.08 3.78 0.00 | 35.99 3.48 0.00 | 35.56 3.44 0.00 | 36.51 3.62 0.00 | 36.86 3.83 0.00 | 40.14 4.49 0.00 | 51.14 6.32 -0.01 | 58.45 7.31 -0.01 | 47.11 5.23 -0.01 | 41.90 4.15 0.00 | 38.85 3.24 0.00 | 36.76 2.75 0.00 | 36.22 2.62 0.00 | 35.12 2.45 0.00 | 35.98 2.57 0.00 | 37.52 2.97 0.00 | 40.61 3.86 0.02 | 48.07 5.56 -0.01 | 51.27 6.02 -0.01 | 47.26 5.55 -0.01 | 43.42 5.03 -0.01 | 42.12 4.29 0.12 | 40.02 3.74 0.02 | 39.26 3.80 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 36.75 1.45 0.00 | 33.84 1.33 0.00 | 33.44 1.32 0.00 | 34.24 1.35 0.00 | 34.41 1.39 0.00 | 37.25 1.61 0.00 | 47.27 2.46 0.00 | 54.19 3.07 0.00 | 44.04 2.18 0.00 | 39.26 1.51 0.00 | 36.92 1.32 0.00 | 35.30 1.29 0.00 | 34.81 1.21 0.00 | 33.81 1.14 0.00 | 34.65 1.24 0.00 | 35.83 1.28 0.00 | 38.24 1.47 0.00 | 44.49 2.00 0.00 | 47.55 2.31 0.00 | 43.83 2.13 0.00 | 40.34 1.96 0.00 | 39.62 1.67 0.00 | 37.78 1.49 0.00 | 36.88 1.42 0.00 |
| V_F_30_SYNC_DSASP 323786 | 36.01 0.71 0.00 | 33.16 0.65 0.00 | 32.73 0.61 0.00 | 33.49 0.59 0.00 | 33.66 0.63 0.00 | 36.39 0.75 0.00 | 46.02 1.21 0.00 | 52.51 1.38 0.00 | 43.00 1.13 0.00 | 38.39 0.64 0.00 | 36.14 0.53 0.00 | 34.72 0.71 0.00 | 34.24 0.64 0.00 | 33.33 0.65 0.00 | 34.15 0.74 0.00 | 35.25 0.69 0.00 | 37.50 0.74 0.00 | 43.55 1.06 0.00 | 46.51 1.27 0.00 | 42.83 1.13 0.00 | 39.42 1.04 0.00 | 38.71 0.76 0.00 | 36.95 0.65 0.00 | 36.10 0.64 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 37.06 1.76 0.00 | 33.84 1.33 0.00 | 33.57 1.45 0.00 | 34.47 1.58 0.00 | 34.61 1.59 0.00 | 37.36 1.71 0.00 | 46.06 1.25 0.00 | 52.25 1.12 0.00 | 43.17 1.30 0.00 | 39.40 1.66 0.00 | 37.14 1.53 0.00 | 35.10 1.09 0.00 | 34.84 1.24 0.00 | 33.91 1.24 0.00 | 34.68 1.27 0.00 | 35.90 1.35 0.00 | 38.31 1.54 0.00 | 44.10 1.61 0.00 | 46.69 1.45 0.00 | 43.00 1.29 0.00 | 39.53 1.15 0.00 | 39.39 1.44 0.00 | 37.60 1.30 0.00 | 37.45 1.98 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 36.99 1.69 0.00 | 34.07 1.56 0.00 | 33.60 1.48 0.00 | 34.37 1.48 0.00 | 34.55 1.52 0.00 | 37.32 1.68 0.00 | 47.54 2.73 0.00 | 54.24 3.12 0.00 | 44.46 2.60 0.00 | 39.63 1.89 0.00 | 37.35 1.74 0.00 | 35.74 1.73 0.00 | 35.31 1.71 0.00 | 34.37 1.70 0.00 | 35.15 1.74 0.00 | 36.28 1.73 0.00 | 38.72 1.95 0.00 | 45.27 2.76 -0.02 | 48.31 2.90 -0.17 | 44.34 2.63 -0.02 | 40.76 2.38 0.00 | 39.89 1.94 0.00 | 38.07 1.78 0.00 | 37.10 1.63 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 37.17 1.87 0.00 | 34.26 1.76 0.00 | 33.76 1.64 0.00 | 34.51 1.61 0.00 | 34.75 1.72 0.00 | 37.54 1.89 0.00 | 47.81 3.00 0.00 | 54.65 3.53 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.38 2.31 -2.46 | 40.50 2.31 -4.18 | 40.54 2.25 -4.68 | 39.77 2.22 -4.87 | 40.51 2.27 -4.83 | 40.06 2.32 -3.19 | 42.83 2.54 -3.53 | 50.46 3.36 -4.61 | 50.44 3.53 -1.67 | 48.98 3.21 -4.07 | 42.76 2.92 -1.46 | 41.67 2.50 -1.22 | 39.55 2.29 -0.97 | 37.59 2.13 0.00 |
| W50THST__13_KV_LOAD 356117 | 37.35 2.05 0.00 | 34.39 1.89 0.00 | 33.89 1.77 0.00 | 34.67 1.78 0.00 | 34.91 1.88 0.00 | 37.71 2.07 0.00 | 48.08 3.27 0.00 | 54.96 3.83 0.00 | 45.30 3.43 0.00 | 40.48 2.72 -0.02 | 40.60 2.53 -2.46 | 40.71 2.52 -4.18 | 40.77 2.49 -4.69 | 40.00 2.45 -4.87 | 40.75 2.51 -4.83 | 40.27 2.52 -3.19 | 43.06 2.76 -3.53 | 50.76 3.65 -4.61 | 50.63 3.71 -1.68 | 49.15 3.38 -4.07 | 42.99 3.15 -1.46 | 41.86 2.69 -1.22 | 39.66 2.40 -0.97 | 37.77 2.31 0.00 |
| WADING RIVER_IC_1 23522 | 45.51 3.25 -6.96 | 42.36 3.09 -6.76 | 40.44 2.99 -5.34 | 41.51 3.02 -5.59 | 43.85 3.04 -7.79 | 47.66 3.35 -8.66 | 58.02 5.37 -7.84 | 62.75 6.70 -4.93 | 54.99 5.02 -8.10 | 51.79 3.85 -10.20 | 48.08 3.63 -8.84 | 46.20 3.54 -8.65 | 45.14 3.49 -8.04 | 43.21 3.37 -7.17 | 44.32 3.47 -7.43 | 45.42 3.53 -7.33 | 54.51 4.08 -13.66 | 68.87 5.31 -21.07 | 68.02 5.65 -17.12 | 61.49 5.13 -14.67 | 53.17 4.64 -10.14 | 51.68 4.10 -9.63 | 45.41 3.66 -5.45 | 42.20 3.48 -3.26 |
| WADING RIVER_IC_2 23547 | 45.51 3.25 -6.96 | 42.36 3.09 -6.76 | 40.44 2.99 -5.34 | 41.51 3.02 -5.59 | 43.85 3.04 -7.79 | 47.66 3.35 -8.66 | 58.02 5.37 -7.84 | 62.75 6.70 -4.93 | 54.99 5.02 -8.10 | 51.79 3.85 -10.20 | 48.08 3.63 -8.84 | 46.20 3.54 -8.65 | 45.14 3.49 -8.04 | 43.21 3.37 -7.17 | 44.32 3.47 -7.43 | 45.42 3.53 -7.33 | 54.51 4.08 -13.66 | 68.87 5.31 -21.07 | 68.02 5.65 -17.12 | 61.49 5.13 -14.67 | 53.17 4.64 -10.14 | 51.68 4.10 -9.63 | 45.41 3.66 -5.45 | 42.20 3.48 -3.26 |
| WADING RIVER_IC_3 23601 | 45.51 3.25 -6.96 | 42.36 3.09 -6.76 | 40.44 2.99 -5.34 | 41.51 3.02 -5.59 | 43.85 3.04 -7.79 | 47.66 3.35 -8.66 | 58.02 5.37 -7.84 | 62.75 6.70 -4.93 | 54.99 5.02 -8.10 | 51.79 3.85 -10.20 | 48.08 3.63 -8.84 | 46.20 3.54 -8.65 | 45.14 3.49 -8.04 | 43.21 3.37 -7.17 | 44.32 3.47 -7.43 | 45.42 3.53 -7.33 | 54.51 4.08 -13.66 | 68.87 5.31 -21.07 | 68.02 5.65 -17.12 | 61.49 5.13 -14.67 | 53.17 4.64 -10.14 | 51.68 4.10 -9.63 | 45.41 3.66 -5.45 | 42.20 3.48 -3.26 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| WALDENNY_12_KV_BK2 80841 | 32.58 -2.72 0.00 | 30.27 -2.24 0.00 | 30.13 -1.99 0.00 | 30.92 -1.97 0.00 | 30.58 -2.44 0.00 | 33.72 -1.92 0.00 | 42.02 -2.78 0.01 | 46.11 -5.01 0.01 | 38.38 -3.47 0.01 | 34.50 -3.25 0.00 | 32.61 -2.99 0.00 | 31.09 -2.92 0.00 | 30.85 -2.76 0.00 | 29.83 -2.84 0.00 | 30.46 -2.94 0.01 | 31.61 -2.94 0.01 | 32.67 -4.04 0.05 | 38.31 -4.16 0.01 | 40.80 -4.43 0.01 | 37.44 -4.25 0.01 | 34.77 -3.61 0.01 | 33.22 -4.40 0.33 | 32.39 -3.85 0.05 | 32.45 -3.01 0.00 |
| WALDEN___HYDRO 24148 | 36.99 1.69 0.00 | 34.07 1.56 0.00 | 33.60 1.48 0.00 | 34.37 1.48 0.00 | 34.55 1.52 0.00 | 37.32 1.68 0.00 | 47.54 2.73 0.00 | 54.19 3.07 0.00 | 44.17 2.30 0.00 | 39.56 1.81 0.00 | 37.24 1.64 0.00 | 35.61 1.60 0.00 | 35.15 1.55 0.00 | 34.21 1.54 0.00 | 35.02 1.60 0.00 | 36.18 1.62 0.00 | 38.64 1.88 0.00 | 45.21 2.72 0.00 | 48.14 2.90 0.00 | 44.29 2.59 0.00 | 40.76 2.38 0.00 | 39.89 1.94 0.00 | 38.07 1.78 0.00 | 37.10 1.63 0.00 |
| WARRENSBURG___ 23737 | 36.01 0.71 0.00 | 33.16 0.65 0.00 | 32.76 0.64 0.00 | 33.55 0.66 0.00 | 33.72 0.69 0.00 | 36.57 0.93 0.00 | 46.55 1.75 0.00 | 53.43 2.30 0.00 | 43.33 1.46 0.00 | 38.65 0.90 0.00 | 36.28 0.67 0.00 | 34.65 0.64 0.00 | 34.14 0.54 0.00 | 33.07 0.39 0.00 | 33.88 0.47 0.00 | 35.07 0.52 0.00 | 37.50 0.74 0.00 | 43.68 1.19 0.00 | 46.78 1.54 0.00 | 43.07 1.37 0.00 | 39.69 1.31 0.00 | 38.90 0.95 0.00 | 37.02 0.73 0.00 | 36.10 0.64 0.00 |
| WATERSIDE___6 8 9 23538 | 37.13 1.84 0.00 | 34.26 1.76 0.00 | 33.76 1.64 0.00 | 34.47 1.58 0.00 | 34.75 1.72 0.00 | 37.46 1.82 0.00 | 47.72 2.91 0.00 | 54.60 3.48 0.00 | 45.05 3.18 0.00 | 40.21 2.45 -0.02 | 40.40 2.28 -2.51 | 40.55 2.28 -4.26 | 40.63 2.25 -4.78 | 39.86 2.22 -4.97 | 40.61 2.27 -4.92 | 40.09 2.28 -3.26 | 42.90 2.54 -3.60 | 50.48 3.36 -4.63 | 45.72 3.66 3.19 | 48.55 3.34 -3.51 | 42.86 2.99 -1.49 | 41.74 2.54 -1.24 | 39.03 2.40 -0.34 | 37.70 2.23 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 35.79 0.49 0.00 | 33.00 0.49 0.00 | 32.60 0.48 0.00 | 33.39 0.49 0.00 | 33.56 0.53 0.00 | 36.25 0.61 0.00 | 45.75 0.94 0.00 | 52.10 0.97 0.00 | 42.66 0.80 0.00 | 38.31 0.57 0.00 | 36.07 0.46 0.00 | 34.45 0.44 0.00 | 34.04 0.44 0.00 | 33.10 0.42 0.00 | 33.85 0.43 0.00 | 35.04 0.48 0.00 | 37.32 0.55 0.00 | 43.30 0.81 0.00 | 46.10 0.86 0.00 | 42.45 0.75 0.00 | 39.07 0.69 0.00 | 38.60 0.65 0.00 | 36.84 0.54 0.00 | 36.00 0.53 0.00 |
| WATSON___69_KV_BK 1 55734 | 45.61 3.35 -6.96 | 42.39 3.12 -6.76 | 40.44 2.99 -5.34 | 41.48 2.99 -5.59 | 43.92 3.10 -7.79 | 47.73 3.42 -8.66 | 57.93 5.29 -7.84 | 62.09 6.03 -4.93 | 54.99 5.02 -8.10 | 51.90 3.96 -10.20 | 48.18 3.74 -8.84 | 46.30 3.64 -8.65 | 45.21 3.56 -8.04 | 43.34 3.50 -7.17 | 44.42 3.58 -7.43 | 45.59 3.70 -7.33 | 54.62 4.19 -13.66 | 69.00 5.44 -21.07 | 68.16 5.79 -17.13 | 61.58 5.21 -14.67 | 53.24 4.72 -10.14 | 51.76 4.17 -9.63 | 45.52 3.77 -5.45 | 42.27 3.55 -3.26 |
| WDELAWARE___HYD 323627 | 36.50 1.20 0.00 | 33.68 1.17 0.00 | 33.24 1.12 0.00 | 34.01 1.12 0.00 | 34.12 1.09 0.00 | 36.86 1.21 0.00 | 47.18 2.37 0.00 | 54.24 3.12 0.00 | 44.00 2.13 0.00 | 39.03 1.28 0.00 | 36.64 1.03 0.00 | 35.00 0.99 0.00 | 33.57 -0.03 0.00 | 32.70 0.03 0.00 | 33.51 0.10 0.00 | 34.62 0.07 0.00 | 37.14 0.37 0.00 | 43.55 1.06 0.00 | 46.32 1.08 0.00 | 42.58 0.88 0.00 | 40.19 1.80 0.00 | 39.35 1.40 0.00 | 37.53 1.23 0.00 | 36.56 1.10 0.00 |
| WEST BABYLON___IC 23714 | 45.37 3.11 -6.96 | 42.16 2.89 -6.76 | 40.22 2.76 -5.34 | 41.28 2.80 -5.59 | 43.69 2.87 -7.79 | 47.48 3.17 -8.66 | 57.49 4.84 -7.84 | 61.58 5.52 -4.93 | 54.61 4.65 -8.10 | 51.60 3.66 -10.20 | 47.90 3.45 -8.84 | 46.06 3.40 -8.65 | 44.94 3.29 -8.04 | 43.08 3.23 -7.17 | 44.19 3.34 -7.43 | 45.31 3.42 -7.33 | 54.25 3.82 -13.66 | 68.57 5.01 -21.07 | 67.68 5.29 -17.14 | 61.16 4.80 -14.67 | 52.90 4.38 -10.14 | 51.42 3.83 -9.63 | 45.23 3.48 -5.45 | 41.98 3.26 -3.26 |
| WEST CANADA___HYD 24049 | 35.51 0.21 0.00 | 32.71 0.20 0.00 | 32.31 0.19 0.00 | 33.09 0.20 0.00 | 33.23 0.20 0.00 | 35.90 0.25 0.00 | 45.25 0.45 0.00 | 51.74 0.62 0.00 | 42.29 0.42 0.00 | 37.97 0.23 0.00 | 35.78 0.18 0.00 | 34.22 0.21 0.00 | 33.77 0.17 0.00 | 32.87 0.20 0.00 | 33.61 0.20 0.00 | 34.76 0.21 0.00 | 37.03 0.26 0.00 | 42.87 0.38 0.00 | 45.69 0.45 0.00 | 42.08 0.37 0.00 | 38.73 0.34 0.00 | 38.22 0.27 0.00 | 36.51 0.22 0.00 | 35.64 0.18 0.00 |
| WESTERN_NY_WIND 24143 | 33.01 -2.29 0.00 | 30.56 -1.95 0.00 | 30.39 -1.73 0.00 | 31.15 -1.74 0.00 | 30.78 -2.25 0.00 | 33.93 -1.71 0.00 | 42.42 -2.37 0.01 | 47.38 -3.73 0.01 | 38.96 -2.89 0.01 | 34.88 -2.87 0.00 | 32.76 -2.85 0.00 | 31.22 -2.79 0.00 | 30.91 -2.69 0.00 | 29.89 -2.78 0.00 | 30.56 -2.84 0.01 | 31.71 -2.83 0.01 | 33.40 -3.31 0.06 | 39.16 -3.31 0.01 | 41.74 -3.48 0.01 | 38.43 -3.25 0.01 | 35.53 -2.84 0.01 | 34.19 -3.42 0.34 | 33.08 -3.16 0.06 | 32.59 -2.87 0.00 |
| WESTOVER___LESR 323668 | 35.27 -0.04 0.00 | 32.54 0.03 0.00 | 32.18 0.06 0.00 | 32.96 0.07 0.00 | 33.03 0.00 0.00 | 35.93 0.29 0.00 | 45.40 0.58 -0.01 | 51.24 0.10 -0.01 | 42.17 0.29 -0.01 | 37.74 0.00 0.00 | 35.53 -0.07 0.00 | 33.91 -0.10 0.00 | 33.50 -0.10 0.00 | 32.51 -0.16 0.00 | 33.24 -0.17 0.00 | 34.45 -0.10 0.00 | 36.57 -0.18 0.02 | 42.71 0.21 -0.01 | 45.43 0.18 -0.01 | 41.88 0.17 -0.01 | 38.63 0.23 -0.01 | 37.60 -0.23 0.12 | 35.98 -0.29 0.02 | 35.43 -0.04 0.00 |
| WETHRSFD_WT_PWR 323626 | 32.37 -2.93 0.00 | 29.81 -2.70 0.00 | 29.45 -2.67 0.00 | 30.26 -2.63 0.00 | 30.35 -2.67 0.00 | 33.29 -2.35 0.00 | 40.68 -4.12 0.01 | 45.75 -5.37 0.01 | 37.59 -4.27 0.01 | 34.19 -3.55 0.00 | 32.37 -3.24 0.00 | 30.88 -3.13 0.00 | 30.61 -2.99 0.00 | 29.60 -3.07 0.00 | 30.23 -3.18 0.01 | 31.37 -3.18 0.01 | 32.56 -4.16 0.05 | 38.06 -4.42 0.01 | 40.48 -4.75 0.01 | 37.48 -4.21 0.01 | 34.61 -3.76 0.01 | 33.10 -4.52 0.33 | 32.25 -3.99 0.05 | 32.24 -3.23 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 36.85 1.55 0.00 | 33.97 1.46 0.00 | 33.50 1.38 0.00 | 34.24 1.35 0.00 | 34.45 1.42 0.00 | 37.18 1.53 0.00 | 47.36 2.55 0.00 | 54.04 2.91 0.00 | 44.30 2.43 0.00 | 39.52 1.77 0.00 | 37.24 1.64 0.00 | 35.68 1.67 0.00 | 35.21 1.61 0.00 | 34.31 1.63 0.00 | 35.05 1.64 0.00 | 36.21 1.66 0.00 | 38.61 1.84 0.00 | 45.10 2.59 -0.02 | 48.13 2.71 -0.18 | 44.22 2.50 -0.02 | 40.61 2.23 0.00 | 39.77 1.82 0.00 | 37.96 1.67 0.00 | 36.99 1.52 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 36.85 1.55 0.00 | 33.97 1.46 0.00 | 33.50 1.38 0.00 | 34.24 1.35 0.00 | 34.45 1.42 0.00 | 37.18 1.53 0.00 | 47.36 2.55 0.00 | 54.04 2.91 0.00 | 44.30 2.43 0.00 | 39.52 1.77 0.00 | 37.24 1.64 0.00 | 35.68 1.67 0.00 | 35.21 1.61 0.00 | 34.31 1.63 0.00 | 35.05 1.64 0.00 | 36.21 1.66 0.00 | 38.61 1.84 0.00 | 45.10 2.59 -0.02 | 48.13 2.71 -0.18 | 44.22 2.50 -0.02 | 40.61 2.23 0.00 | 39.77 1.82 0.00 | 37.96 1.67 0.00 | 36.99 1.52 0.00 |
| WHITEHAL_115KV_TB1 80871 | 36.71 1.41 0.00 | 33.78 1.27 0.00 | 33.37 1.25 0.00 | 34.18 1.28 0.00 | 34.41 1.39 0.00 | 37.21 1.57 0.00 | 47.67 2.87 0.00 | 54.45 3.32 0.00 | 44.38 2.51 0.00 | 39.40 1.66 0.00 | 36.85 1.25 0.00 | 35.20 1.19 0.00 | 34.64 1.04 0.00 | 33.59 0.91 0.00 | 34.45 1.04 0.00 | 35.70 1.14 0.00 | 38.24 1.47 0.00 | 44.57 2.08 0.00 | 47.82 2.58 0.00 | 44.04 2.34 0.00 | 40.57 2.19 0.00 | 39.66 1.71 0.00 | 37.75 1.45 0.00 | 36.74 1.28 0.00 |

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| WHITEPLN_13_KV_LOAD 356215 | 37.35 2.05 0.00 | 34.46 1.95 0.00 | 33.95 1.83 0.00 | 34.70 1.81 0.00 | 34.91 1.88 0.00 | 37.68 2.03 0.00 | 48.12 3.32 0.00 | 55.16 4.04 0.00 | 45.34 3.47 0.00 | 40.35 2.60 0.00 | 38.03 2.42 0.00 | 36.42 2.41 0.00 | 35.99 2.39 0.00 | 35.02 2.35 0.00 | 35.85 2.44 0.00 | 36.97 2.42 0.00 | 39.53 2.76 0.00 | 46.18 3.65 -0.04 | 49.44 3.89 -0.30 | 45.23 3.50 -0.03 | 41.49 3.11 0.00 | 40.49 2.54 0.00 | 38.69 2.40 0.00 | 37.70 2.23 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 45.47 3.21 -6.96 | 42.29 3.02 -6.76 | 40.35 2.89 -5.34 | 41.42 2.93 -5.59 | 43.82 3.01 -7.79 | 47.59 3.28 -8.66 | 57.80 5.15 -7.84 | 61.94 5.88 -4.93 | 54.86 4.90 -8.10 | 51.75 3.81 -10.20 | 48.04 3.60 -8.84 | 46.20 3.54 -8.65 | 45.11 3.46 -8.04 | 43.21 3.37 -7.17 | 44.32 3.47 -7.43 | 45.45 3.56 -7.33 | 54.51 4.08 -13.66 | 68.87 5.31 -21.07 | 68.02 5.66 -17.12 | 61.50 5.13 -14.67 | 53.13 4.61 -10.14 | 51.61 4.02 -9.63 | 45.37 3.63 -5.45 | 42.16 3.44 -3.26 |
| WOODARD__115KV_TB2 355635 | 34.10 -1.20 0.00 | 31.44 -1.07 0.00 | 31.09 -1.03 0.00 | 31.84 -1.05 0.00 | 31.90 -1.12 0.00 | 34.65 -1.00 0.00 | 43.78 -1.03 0.00 | 49.80 -1.33 -0.01 | 40.74 -1.13 -0.01 | 36.54 -1.21 0.00 | 34.39 -1.21 0.00 | 32.82 -1.19 0.00 | 32.42 -1.18 0.00 | 31.46 -1.21 0.00 | 32.17 -1.24 0.00 | 33.34 -1.21 0.00 | 35.52 -1.21 0.03 | 41.35 -1.15 -0.01 | 44.02 -1.22 -0.01 | 40.62 -1.08 -0.01 | 37.39 -1.00 -0.01 | 36.55 -1.21 0.19 | 34.99 -1.27 0.03 | 34.22 -1.24 0.00 |
| YORK___WARBASSE 23770 | 37.43 2.12 -0.01 | 34.46 1.95 0.00 | 33.92 1.80 0.00 | 34.67 1.78 0.00 | 34.94 1.92 0.00 | 37.64 2.00 0.00 | 47.76 2.96 0.00 | 54.70 3.58 0.00 | 45.17 3.31 0.00 | 40.33 2.57 -0.02 | 40.54 2.42 -2.51 | 40.69 2.41 -4.26 | 40.76 2.39 -4.78 | 40.03 2.39 -4.97 | 40.77 2.44 -4.92 | 40.27 2.45 -3.26 | 43.12 2.76 -3.60 | 51.43 3.65 -5.29 | 85.83 4.03 -36.56 | 54.06 3.67 -8.68 | 43.09 3.22 -1.49 | 41.96 2.77 -1.24 | 44.43 2.61 -5.52 | 37.91 2.45 0.00 |