

Day Ahead Market Generator LBMP

| | | --- LBMP \$ | | | | | | --- Marginal Cost of Losses | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | | | 09/23/2024 | | |
|----------------------|--------|-------------|-------|-------|-------|-------|-------|-----------------------------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--|--|
| Generator Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 26.31 | 23.55 | 23.27 | 22.79 | 23.63 | 24.05 | 30.90 | 33.84 | 35.14 | 34.03 | 34.93 | 36.93 | 42.89 | 42.83 | 42.79 | 42.72 | 45.15 | 47.19 | 47.91 | 44.00 | 43.12 | 34.81 | 30.55 | 27.14 | | | |
| | | 2.08 | 1.64 | 1.62 | 1.53 | 1.59 | 1.66 | 2.34 | 2.61 | 2.53 | 2.18 | 2.25 | 2.22 | 2.38 | 2.48 | 2.55 | 2.72 | 3.21 | 4.10 | 4.03 | 3.70 | 3.46 | 2.64 | 2.21 | 1.94 | | | |
| | | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.92 | -2.84 | -4.23 | -4.85 | -6.26 | -10.82 | -9.33 | -8.42 | -7.16 | -3.71 | -0.02 | 0.00 | -0.01 | -0.77 | -0.01 | -0.01 | -0.01 | | | |
| 74TH STREET_GT_1 | 24260 | 26.24 | 23.51 | 23.22 | 22.75 | 23.58 | 24.01 | 30.82 | 33.78 | 35.18 | 34.21 | 35.12 | 37.21 | 43.51 | 43.33 | 43.23 | 43.07 | 45.20 | 47.02 | 47.78 | 43.89 | 42.98 | 34.74 | 30.46 | 27.14 | | | |
| | | 2.01 | 1.60 | 1.58 | 1.49 | 1.54 | 1.61 | 2.26 | 2.49 | 2.38 | 2.07 | 2.12 | 2.08 | 2.26 | 2.36 | 2.42 | 2.59 | 3.02 | 3.92 | 3.91 | 3.59 | 3.27 | 2.57 | 2.12 | 1.94 | | | |
| | | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 | | | |
| 74TH STREET_GT_2 | 24261 | 26.24 | 23.51 | 23.22 | 22.75 | 23.58 | 24.01 | 30.82 | 33.78 | 35.18 | 34.21 | 35.12 | 37.21 | 43.51 | 43.33 | 43.23 | 43.07 | 45.20 | 47.02 | 47.78 | 43.89 | 42.98 | 34.74 | 30.46 | 27.14 | | | |
| | | 2.01 | 1.60 | 1.58 | 1.49 | 1.54 | 1.61 | 2.26 | 2.49 | 2.38 | 2.07 | 2.12 | 2.08 | 2.26 | 2.36 | 2.42 | 2.59 | 3.02 | 3.92 | 3.91 | 3.59 | 3.27 | 2.57 | 2.12 | 1.94 | | | |
| | | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 | | | |
| ADK HUDSON___FALLS | 24011 | 26.04 | 23.55 | 23.22 | 22.77 | 23.63 | 24.08 | 30.83 | 32.68 | 32.00 | 29.53 | 29.72 | 30.32 | 31.66 | 33.00 | 33.79 | 35.00 | 40.87 | 46.75 | 47.69 | 43.80 | 42.01 | 34.63 | 30.42 | 27.06 | | | |
| | | 1.82 | 1.64 | 1.58 | 1.51 | 1.59 | 1.68 | 2.28 | 2.36 | 2.23 | 1.91 | 1.89 | 1.88 | 1.96 | 1.99 | 1.97 | 2.17 | 2.64 | 3.66 | 3.82 | 3.51 | 3.11 | 2.48 | 2.10 | 1.86 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 26.16 | 23.66 | 23.31 | 22.85 | 23.71 | 24.17 | 31.00 | 32.86 | 32.18 | 29.70 | 29.89 | 30.50 | 31.84 | 33.19 | 33.99 | 35.20 | 41.10 | 47.04 | 48.00 | 44.08 | 42.24 | 34.82 | 30.57 | 27.16 | | | |
| | | 1.94 | 1.75 | 1.67 | 1.60 | 1.67 | 1.77 | 2.46 | 2.55 | 2.41 | 2.07 | 2.06 | 2.05 | 2.14 | 2.17 | 2.16 | 2.37 | 2.87 | 3.96 | 4.12 | 3.79 | 3.35 | 2.67 | 2.24 | 1.97 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 26.04 | 23.55 | 23.22 | 22.77 | 23.63 | 24.08 | 30.83 | 32.68 | 32.00 | 29.53 | 29.72 | 30.32 | 31.66 | 33.00 | 33.79 | 35.00 | 40.87 | 46.75 | 47.69 | 43.80 | 42.01 | 34.63 | 30.42 | 27.06 | | | |
| | | 1.82 | 1.64 | 1.58 | 1.51 | 1.59 | 1.68 | 2.28 | 2.36 | 2.23 | 1.91 | 1.89 | 1.88 | 1.96 | 1.99 | 1.97 | 2.17 | 2.64 | 3.66 | 3.82 | 3.51 | 3.11 | 2.48 | 2.10 | 1.86 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 25.87 | 23.31 | 23.03 | 22.60 | 23.43 | 23.85 | 30.37 | 32.28 | 31.47 | 29.00 | 29.28 | 29.73 | 31.04 | 32.38 | 33.22 | 34.38 | 40.21 | 45.97 | 46.86 | 43.03 | 41.35 | 34.15 | 30.00 | 26.70 | | | |
| | | 1.65 | 1.40 | 1.39 | 1.34 | 1.39 | 1.45 | 1.83 | 1.97 | 1.70 | 1.38 | 1.45 | 1.28 | 1.34 | 1.36 | 1.40 | 1.54 | 1.99 | 2.89 | 2.99 | 2.74 | 2.45 | 1.99 | 1.67 | 1.51 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| AIR_PRODUCTS___DRP | 24190 | 24.78 | 22.37 | 22.14 | 21.72 | 22.52 | 22.87 | 29.20 | 30.95 | 30.25 | 27.93 | 28.17 | 28.70 | 30.00 | 31.30 | 32.11 | 33.23 | 38.76 | 44.16 | 44.97 | 41.30 | 39.67 | 32.80 | 28.78 | 25.65 | | | |
| | | 0.56 | 0.46 | 0.50 | 0.47 | 0.48 | 0.47 | 0.66 | 0.64 | 0.48 | 0.30 | 0.33 | 0.26 | 0.30 | 0.28 | 0.29 | 0.39 | 0.54 | 1.08 | 1.10 | 1.01 | 0.78 | 0.64 | 0.45 | 0.45 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 23.57 | 21.43 | 21.15 | 20.81 | 21.58 | 21.90 | 28.03 | 29.80 | 29.18 | 27.13 | 27.39 | 27.99 | 29.22 | 30.52 | 31.31 | 32.24 | 37.62 | 42.14 | 42.87 | 39.32 | 38.19 | 31.61 | 27.79 | 24.82 | | | |
| | | -0.65 | -0.48 | -0.50 | -0.45 | -0.46 | -0.49 | -0.51 | -0.52 | -0.60 | -0.50 | -0.45 | -0.46 | -0.48 | -0.50 | -0.51 | -0.59 | -0.61 | -0.95 | -1.01 | -0.97 | -0.70 | -0.55 | -0.54 | -0.38 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 25.19 | 22.79 | 22.53 | 22.11 | 22.92 | 23.25 | 29.69 | 31.43 | 30.66 | 28.23 | 28.39 | 28.87 | 30.20 | 31.51 | 32.33 | 33.52 | 39.22 | 44.76 | 45.68 | 41.98 | 40.37 | 33.34 | 29.32 | 26.07 | | | |
| | | 0.97 | 0.88 | 0.89 | 0.85 | 0.88 | 0.85 | 1.14 | 1.12 | 0.89 | 0.61 | 0.56 | 0.43 | 0.50 | 0.49 | 0.51 | 0.69 | 0.99 | 1.68 | 1.80 | 1.69 | 1.48 | 1.19 | 0.99 | 0.88 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 25.19 | 22.79 | 22.53 | 22.11 | 22.92 | 23.25 | 29.69 | 31.43 | 30.66 | 28.23 | 28.39 | 28.87 | 30.20 | 31.51 | 32.33 | 33.52 | 39.22 | 44.76 | 45.68 | 41.94 | 40.37 | 33.31 | 29.29 | 26.07 | | | |
| | | 0.97 | 0.88 | 0.89 | 0.85 | 0.88 | 0.85 | 1.14 | 1.12 | 0.89 | 0.61 | 0.56 | 0.43 | 0.50 | 0.49 | 0.51 | 0.69 | 0.99 | 1.68 | 1.80 | 1.65 | 1.48 | 1.16 | 0.96 | 0.88 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 24.78 | 22.37 | 22.14 | 21.72 | 22.52 | 22.87 | 29.20 | 30.95 | 30.25 | 27.93 | 28.17 | 28.70 | 30.00 | 31.30 | 32.11 | 33.23 | 38.76 | 44.16 | 44.97 | 41.30 | 39.67 | 32.80 | 28.78 | 25.65 | | | |
| | | 0.56 | 0.46 | 0.50 | 0.47 | 0.48 | 0.47 | 0.66 | 0.64 | 0.48 | 0.30 | 0.33 | 0.26 | 0.30 | 0.28 | 0.29 | 0.39 | 0.54 | 1.08 | 1.10 | 1.01 | 0.78 | 0.64 | 0.45 | 0.45 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 24.78 0.56 0.00 | 22.37 0.46 0.00 | 22.14 0.50 0.00 | 21.72 0.47 0.00 | 22.52 0.48 0.00 | 22.87 0.47 0.00 | 29.20 0.66 0.00 | 30.95 0.64 0.00 | 30.25 0.48 0.00 | 27.93 0.30 0.00 | 28.17 0.33 0.00 | 28.70 0.26 0.00 | 30.00 0.30 0.00 | 31.30 0.28 0.00 | 32.11 0.29 0.00 | 33.23 0.39 0.00 | 38.76 0.54 0.00 | 44.16 1.08 0.00 | 44.97 1.10 0.00 | 41.30 1.01 0.00 | 39.67 0.78 0.00 | 32.80 0.64 0.00 | 28.78 0.45 0.00 | 25.65 0.45 0.00 |
| ALBANY___3 23573 | 24.78 0.56 0.00 | 22.37 0.46 0.00 | 22.14 0.50 0.00 | 21.72 0.47 0.00 | 22.52 0.48 0.00 | 22.87 0.47 0.00 | 29.20 0.66 0.00 | 30.95 0.64 0.00 | 30.25 0.48 0.00 | 27.93 0.30 0.00 | 28.17 0.33 0.00 | 28.70 0.26 0.00 | 30.00 0.30 0.00 | 31.30 0.28 0.00 | 32.11 0.29 0.00 | 33.23 0.39 0.00 | 38.76 0.54 0.00 | 44.16 1.08 0.00 | 44.97 1.10 0.00 | 41.30 1.01 0.00 | 39.67 0.78 0.00 | 32.80 0.64 0.00 | 28.78 0.45 0.00 | 25.65 0.45 0.00 |
| ALBANY___4 23574 | 24.78 0.56 0.00 | 22.37 0.46 0.00 | 22.14 0.50 0.00 | 21.72 0.47 0.00 | 22.52 0.48 0.00 | 22.87 0.47 0.00 | 29.20 0.66 0.00 | 30.95 0.64 0.00 | 30.25 0.48 0.00 | 27.93 0.30 0.00 | 28.17 0.33 0.00 | 28.70 0.26 0.00 | 30.00 0.30 0.00 | 31.30 0.28 0.00 | 32.11 0.29 0.00 | 33.23 0.39 0.00 | 38.76 0.54 0.00 | 44.16 1.08 0.00 | 44.97 1.10 0.00 | 41.30 1.01 0.00 | 39.67 0.78 0.00 | 32.80 0.64 0.00 | 28.78 0.45 0.00 | 25.65 0.45 0.00 |
| ALBANY___LFGE 323615 | 25.00 0.77 0.00 | 22.59 0.68 0.00 | 22.34 0.69 0.00 | 21.92 0.66 0.00 | 22.72 0.68 0.00 | 23.07 0.67 0.00 | 29.49 0.94 0.00 | 31.25 0.94 0.00 | 30.57 0.80 0.00 | 28.23 0.61 0.00 | 28.47 0.64 0.00 | 28.99 0.54 0.00 | 30.32 0.62 0.00 | 31.64 0.62 0.00 | 32.43 0.60 0.00 | 33.55 0.72 0.00 | 39.14 0.92 0.00 | 44.59 1.51 0.00 | 45.45 1.58 0.00 | 41.70 1.41 0.00 | 40.14 1.24 0.00 | 33.12 0.96 0.00 | 29.06 0.74 0.00 | 25.85 0.65 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 23.66 -0.56 0.00 | 21.54 -0.37 0.00 | 21.23 -0.41 0.00 | 20.90 -0.36 0.00 | 21.67 -0.37 0.00 | 22.02 -0.38 0.00 | 28.17 -0.37 0.00 | 29.95 -0.36 0.00 | 29.32 -0.45 0.00 | 27.26 -0.36 0.00 | 27.53 -0.31 0.00 | 28.16 -0.28 0.00 | 29.34 -0.36 0.00 | 30.61 -0.40 0.00 | 31.41 -0.41 0.00 | 32.34 -0.49 0.00 | 37.73 -0.50 0.00 | 42.22 -0.86 0.00 | 43.00 -0.88 0.00 | 39.45 -0.85 0.00 | 38.31 -0.58 0.00 | 31.74 -0.42 0.00 | 27.90 -0.42 0.00 | 24.94 -0.25 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 23.66 -0.56 0.00 | 21.54 -0.37 0.00 | 21.23 -0.41 0.00 | 20.90 -0.36 0.00 | 21.67 -0.37 0.00 | 22.02 -0.38 0.00 | 28.17 -0.37 0.00 | 29.95 -0.36 0.00 | 29.32 -0.45 0.00 | 27.26 -0.36 0.00 | 27.53 -0.31 0.00 | 28.16 -0.28 0.00 | 29.34 -0.36 0.00 | 30.61 -0.40 0.00 | 31.41 -0.41 0.00 | 32.34 -0.49 0.00 | 37.73 -0.50 0.00 | 42.22 -0.86 0.00 | 43.00 -0.88 0.00 | 39.45 -0.85 0.00 | 38.31 -0.58 0.00 | 31.74 -0.42 0.00 | 27.90 -0.42 0.00 | 24.94 -0.25 0.00 |
| ALCOA___DSASP 323711 | 23.66 -0.56 0.00 | 21.54 -0.37 0.00 | 21.23 -0.41 0.00 | 20.90 -0.36 0.00 | 21.67 -0.37 0.00 | 22.02 -0.38 0.00 | 28.17 -0.37 0.00 | 29.95 -0.36 0.00 | 29.32 -0.45 0.00 | 27.26 -0.36 0.00 | 27.53 -0.31 0.00 | 28.16 -0.28 0.00 | 29.34 -0.36 0.00 | 30.61 -0.40 0.00 | 31.41 -0.41 0.00 | 32.34 -0.49 0.00 | 37.73 -0.50 0.00 | 42.22 -0.86 0.00 | 43.00 -0.88 0.00 | 39.44 -0.85 0.00 | 38.35 -0.54 0.00 | 31.74 -0.42 0.00 | 27.90 -0.42 0.00 | 24.94 -0.25 0.00 |
| ALLEGHENY___COGEN 23514 | 24.63 0.41 0.00 | 22.19 0.28 0.00 | 21.77 0.13 0.00 | 21.47 0.21 0.00 | 22.28 0.24 0.00 | 22.91 0.52 0.00 | 29.06 0.51 0.00 | 31.04 0.73 0.00 | 30.72 0.95 0.00 | 28.56 0.94 0.00 | 28.36 0.53 0.00 | 29.16 0.71 0.00 | 29.91 0.21 0.00 | 31.54 0.53 0.00 | 32.49 0.67 0.00 | 33.26 0.43 0.00 | 38.72 0.50 0.00 | 43.39 0.30 0.00 | 44.58 0.70 0.00 | 41.14 0.85 0.00 | 39.20 0.31 0.00 | 32.73 0.58 0.00 | 29.52 1.19 0.00 | 26.30 1.11 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 25.04 0.82 0.00 | 22.63 0.72 0.00 | 22.38 0.74 0.00 | 21.96 0.70 0.00 | 22.77 0.73 0.00 | 23.11 0.72 0.00 | 29.49 0.94 0.00 | 31.31 1.00 0.00 | 30.63 0.86 0.00 | 28.31 0.69 0.00 | 28.53 0.70 0.00 | 29.07 0.63 0.00 | 30.38 0.68 0.00 | 31.73 0.71 0.00 | 32.55 0.73 0.00 | 33.65 0.82 0.00 | 39.26 1.03 0.00 | 44.63 1.55 0.00 | 45.46 1.58 0.00 | 41.74 1.45 0.00 | 40.14 1.24 0.00 | 33.18 1.03 0.00 | 29.15 0.82 0.00 | 25.97 0.78 0.00 |
| ALTONA_WT_PWR 323606 | 23.01 -1.21 0.00 | 21.08 -0.83 0.00 | 20.74 -0.91 0.00 | 20.47 -0.79 0.00 | 21.27 -0.77 0.00 | 21.64 -0.76 0.00 | 27.86 -0.69 0.00 | 29.71 -0.61 0.00 | 29.03 -0.74 0.00 | 27.13 -0.50 0.00 | 27.58 -0.25 0.00 | 28.31 -0.14 0.00 | 29.52 -0.18 0.00 | 30.86 -0.15 0.00 | 31.70 -0.13 0.00 | 32.61 -0.23 0.00 | 38.11 -0.11 0.00 | 42.74 -0.35 0.00 | 43.26 -0.61 0.00 | 39.57 -0.72 0.00 | 38.39 -0.51 0.00 | 31.70 -0.45 0.00 | 27.76 -0.57 0.00 | 24.82 -0.38 0.00 |
| AMERICAN_REF_FUEL 24010 | 23.11 -1.11 0.00 | 20.84 -1.07 0.00 | 20.41 -1.23 0.00 | 20.13 -1.13 0.00 | 20.87 -1.17 0.00 | 21.41 -0.98 0.00 | 26.92 -1.63 0.00 | 28.37 -1.94 0.00 | 28.37 -1.40 0.00 | 26.74 -0.89 0.00 | 26.86 -0.97 0.00 | 27.71 -0.74 0.00 | 28.54 -1.16 0.00 | 29.93 -1.09 0.00 | 30.61 -1.21 0.00 | 31.12 -1.71 0.00 | 35.86 -2.37 0.00 | 39.51 -3.58 0.00 | 40.37 -3.51 0.00 | 37.19 -3.10 0.00 | 35.32 -3.58 0.00 | 29.84 -2.32 0.00 | 27.48 -0.85 0.00 | 24.74 -0.45 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 23.76 -0.46 0.00 | 21.36 -0.55 0.00 | 20.97 -0.67 0.00 | 20.73 -0.53 0.00 | 21.55 -0.48 0.00 | 22.17 -0.22 0.00 | 28.12 -0.43 0.00 | 29.74 -0.58 0.00 | 29.59 -0.18 0.00 | 27.90 0.28 0.00 | 28.00 0.17 0.00 | 28.93 0.48 0.00 | 29.91 0.21 0.00 | 31.54 0.53 0.00 | 32.46 0.64 0.00 | 32.97 0.13 0.00 | 38.04 -0.19 0.00 | 41.83 -1.25 0.00 | 42.87 -1.01 0.00 | 39.44 -0.85 0.00 | 37.30 -1.60 0.00 | 31.35 -0.80 0.00 | 28.58 0.25 0.00 | 25.59 0.40 0.00 |
| ARTHUR KILL_GT_1 23520 | 26.38 2.15 -0.01 | 23.55 1.64 0.00 | 23.25 1.60 0.00 | 22.74 1.49 0.00 | 23.58 1.54 0.00 | 23.90 1.50 0.00 | 30.59 2.03 -0.02 | 33.48 2.18 -0.98 | 34.76 1.96 -3.02 | 33.79 1.66 -4.51 | 34.75 1.75 -5.17 | 36.83 1.71 -6.67 | 37.26 1.90 -5.66 | 37.26 1.99 -4.26 | 37.27 2.04 -3.41 | 37.58 2.20 -2.55 | 37.47 2.56 3.32 | 38.57 3.40 7.91 | 38.60 3.33 8.61 | 37.35 3.10 6.04 | 37.41 2.95 4.44 | 34.45 2.28 -0.02 | 30.35 2.01 -0.01 | 27.09 1.89 -0.01 |
| ARTHUR_KILL_2 23512 | 26.31 2.08 -0.01 | 23.51 1.60 0.00 | 23.20 1.56 0.00 | 22.70 1.45 0.00 | 23.54 1.50 0.00 | 23.83 1.43 0.00 | 30.50 1.94 -0.02 | 33.39 2.09 -0.98 | 34.67 1.88 -3.02 | 33.70 1.57 -4.51 | 34.67 1.67 -5.17 | 36.74 1.62 -6.67 | 37.17 1.81 -5.66 | 37.17 1.89 -4.26 | 37.17 1.94 -3.41 | 37.48 2.10 -2.55 | 37.36 2.45 3.32 | 38.40 3.23 7.91 | 38.46 3.20 8.61 | 37.19 2.94 6.04 | 37.26 2.80 4.44 | 34.36 2.19 -0.02 | 30.26 1.93 -0.01 | 27.02 1.81 -0.01 |
| ARTHUR_KILL_3 23513 | 26.00 1.77 -0.01 | 23.29 1.38 0.00 | 23.01 1.36 0.00 | 22.53 1.28 0.00 | 23.36 1.32 0.00 | 23.79 1.39 0.00 | 30.56 2.00 -0.02 | 33.48 2.21 -0.95 | 34.82 2.11 -2.94 | 33.80 1.79 -4.38 | 34.72 1.86 -5.02 | 36.69 1.76 -6.48 | 36.92 1.90 -5.32 | 36.94 1.96 -3.97 | 37.01 2.04 -3.15 | 37.36 2.20 -2.33 | 37.36 2.56 3.43 | 38.58 3.40 7.91 | 38.65 3.38 8.61 | 37.36 3.10 6.03 | 37.36 2.92 4.45 | 34.45 2.28 -0.02 | 30.20 1.87 -0.01 | 26.84 1.64 -0.01 |

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|-----------------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
| ARTHUR_KILL_COGEN 323718 | 26.38 2.15 -0.01 | 23.55 1.64 0.00 | 23.25 1.60 0.00 | 22.74 1.49 0.00 | 23.58 1.54 0.00 | 23.90 1.50 0.00 | 30.59 2.03 -0.02 | 33.48 2.18 -0.98 | 34.76 1.96 -3.02 | 33.79 1.66 -4.51 | 34.75 1.75 -5.17 | 36.83 1.71 -6.67 | 37.26 1.90 -5.66 | 37.26 1.99 -4.26 | 37.27 2.04 -3.41 | 37.58 2.20 -2.55 | 37.47 2.56 3.32 | 38.57 3.40 7.91 | 38.60 3.33 8.61 | 37.35 3.10 6.04 | 37.41 2.95 4.44 | 34.45 2.28 -0.02 | 30.35 2.01 -0.01 | 27.09 1.89 -0.01 |
| ASHOKAN____ 23654 | 25.41 1.19 0.00 | 22.94 1.03 0.00 | 22.66 1.02 0.00 | 22.24 0.98 0.00 | 23.05 1.01 0.00 | 23.41 1.01 0.00 | 29.94 1.40 0.00 | 31.61 1.30 0.00 | 30.93 1.16 0.00 | 28.31 0.69 0.00 | 28.50 0.67 0.00 | 28.99 0.54 0.00 | 30.47 0.77 0.00 | 31.73 0.71 0.00 | 32.55 0.73 0.00 | 33.92 1.08 0.00 | 39.60 1.37 0.00 | 45.37 2.28 0.00 | 46.42 2.54 0.00 | 42.59 2.30 0.00 | 40.76 1.87 0.00 | 33.50 1.35 0.00 | 29.43 1.10 0.00 | 26.23 1.03 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 25.89 1.67 0.00 | 23.28 1.38 0.01 | 22.98 1.34 0.01 | 22.50 1.25 0.01 | 23.31 1.28 0.01 | 23.69 1.30 0.01 | 30.32 1.77 -0.01 | 33.38 2.09 -0.98 | 34.79 1.99 -3.02 | 33.82 1.69 -4.51 | 34.75 1.75 -5.17 | 36.83 1.71 -6.67 | 43.11 1.87 -11.54 | 42.92 1.96 -9.95 | 42.81 2.01 -8.98 | 42.64 2.17 -7.64 | 44.70 2.52 -3.95 | 46.41 3.32 -0.01 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.51 2.80 -0.81 | 34.16 1.99 -0.01 | 30.03 1.70 0.00 | 26.73 1.54 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 25.89 1.67 0.00 | 23.28 1.38 0.01 | 22.98 1.34 0.01 | 22.50 1.25 0.01 | 23.31 1.28 0.01 | 23.69 1.30 0.01 | 30.32 1.77 -0.01 | 33.38 2.09 -0.98 | 34.79 1.99 -3.02 | 33.82 1.69 -4.51 | 34.75 1.75 -5.17 | 36.83 1.71 -6.67 | 43.11 1.87 -11.54 | 42.92 1.96 -9.95 | 42.81 2.01 -8.98 | 42.64 2.17 -7.64 | 44.70 2.52 -3.95 | 46.41 3.32 -0.01 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.51 2.80 -0.81 | 34.16 1.99 -0.01 | 30.03 1.70 0.00 | 26.73 1.54 0.00 |
| ASTORIA_GT2_1 24094 | 25.89 1.67 0.00 | 23.30 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.33 1.77 -0.02 | 33.39 2.09 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.86 1.74 -6.68 | 43.15 1.90 -11.55 | 42.93 1.95 -9.96 | 42.85 2.04 -8.99 | 42.68 2.20 -7.64 | 44.75 2.56 -3.96 | 46.46 3.36 -0.02 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.43 2.72 -0.82 | 34.20 2.03 -0.02 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |
| ASTORIA_GT2_2 24095 | 25.89 1.67 0.00 | 23.30 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.33 1.77 -0.02 | 33.39 2.09 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.86 1.74 -6.68 | 43.15 1.90 -11.55 | 42.93 1.95 -9.96 | 42.85 2.04 -8.99 | 42.68 2.20 -7.64 | 44.75 2.56 -3.96 | 46.46 3.36 -0.02 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.43 2.72 -0.82 | 34.20 2.03 -0.02 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |
| ASTORIA_GT2_3 24096 | 25.89 1.67 0.00 | 23.30 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.33 1.77 -0.02 | 33.39 2.09 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.86 1.74 -6.68 | 43.15 1.90 -11.55 | 42.93 1.95 -9.96 | 42.85 2.04 -8.99 | 42.68 2.20 -7.64 | 44.75 2.56 -3.96 | 46.46 3.36 -0.02 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.43 2.72 -0.82 | 34.20 2.03 -0.02 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |
| ASTORIA_GT2_4 24097 | 25.89 1.67 0.00 | 23.30 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.33 1.77 -0.02 | 33.39 2.09 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.86 1.74 -6.68 | 43.15 1.90 -11.55 | 42.93 1.95 -9.96 | 42.85 2.04 -8.99 | 42.68 2.20 -7.64 | 44.75 2.56 -3.96 | 46.46 3.36 -0.02 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.43 2.72 -0.82 | 34.20 2.03 -0.02 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |
| ASTORIA_GT3_1 24098 | 25.89 1.67 0.00 | 23.30 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.33 1.77 -0.02 | 33.39 2.09 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.86 1.74 -6.68 | 43.15 1.90 -11.55 | 42.93 1.95 -9.96 | 42.85 2.04 -8.99 | 42.68 2.20 -7.64 | 44.75 2.56 -3.96 | 46.46 3.36 -0.02 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.43 2.72 -0.82 | 34.20 2.03 -0.02 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |
| ASTORIA_GT3_2 24099 | 25.89 1.67 0.00 | 23.30 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.33 1.77 -0.02 | 33.39 2.09 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.86 1.74 -6.68 | 43.15 1.90 -11.55 | 42.93 1.95 -9.96 | 42.85 2.04 -8.99 | 42.68 2.20 -7.64 | 44.75 2.56 -3.96 | 46.46 3.36 -0.02 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.43 2.72 -0.82 | 34.20 2.03 -0.02 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |
| ASTORIA_GT3_3 24100 | 25.89 1.67 0.00 | 23.30 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.33 1.77 -0.02 | 33.39 2.09 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.86 1.74 -6.68 | 43.15 1.90 -11.55 | 42.93 1.95 -9.96 | 42.85 2.04 -8.99 | 42.68 2.20 -7.64 | 44.75 2.56 -3.96 | 46.46 3.36 -0.02 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.43 2.72 -0.82 | 34.20 2.03 -0.02 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |
| ASTORIA_GT3_4 24101 | 25.89 1.67 0.00 | 23.30 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.33 1.77 -0.02 | 33.39 2.09 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.86 1.74 -6.68 | 43.15 1.90 -11.55 | 42.93 1.95 -9.96 | 42.85 2.04 -8.99 | 42.68 2.20 -7.64 | 44.75 2.56 -3.96 | 46.46 3.36 -0.02 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.43 2.72 -0.82 | 34.20 2.03 -0.02 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |
| ASTORIA_GT4_1 24102 | 25.89 1.67 0.00 | 23.30 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.33 1.77 -0.02 | 33.39 2.09 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.86 1.74 -6.68 | 43.15 1.90 -11.55 | 42.93 1.95 -9.96 | 42.85 2.04 -8.99 | 42.68 2.20 -7.64 | 44.75 2.56 -3.96 | 46.46 3.36 -0.02 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.43 2.72 -0.82 | 34.20 2.03 -0.02 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |
| ASTORIA_GT4_2 24103 | 25.89 1.67 0.00 | 23.30 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.33 1.77 -0.02 | 33.39 2.09 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.86 1.74 -6.68 | 43.15 1.90 -11.55 | 42.93 1.95 -9.96 | 42.85 2.04 -8.99 | 42.68 2.20 -7.64 | 44.75 2.56 -3.96 | 46.46 3.36 -0.02 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.43 2.72 -0.82 | 34.20 2.03 -0.02 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |
| ASTORIA_GT4_3 24104 | 25.89 1.67 0.00 | 23.30 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.33 1.77 -0.02 | 33.39 2.09 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.86 1.74 -6.68 | 43.15 1.90 -11.55 | 42.93 1.95 -9.96 | 42.85 2.04 -8.99 | 42.68 2.20 -7.64 | 44.75 2.56 -3.96 | 46.46 3.36 -0.02 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.43 2.72 -0.82 | 34.20 2.03 -0.02 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |

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|----------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ASTORIA_GT4_4 24105 | 25.89 1.67 0.00 | 23.30 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.33 1.77 -0.02 | 33.39 2.09 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.86 1.74 -6.68 | 43.15 1.90 -11.55 | 42.93 1.95 -9.96 | 42.85 2.04 -8.99 | 42.68 2.20 -7.64 | 44.75 2.56 -3.96 | 46.46 3.36 -0.02 | 47.07 3.20 0.01 | 43.23 2.94 0.00 | 42.43 2.72 -0.82 | 34.20 2.03 -0.02 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |
| ASTORIA_GT_1 23523 | 25.94 1.72 0.00 | 23.32 1.42 0.01 | 23.02 1.39 0.01 | 22.55 1.30 0.01 | 23.35 1.32 0.01 | 23.73 1.34 0.01 | 30.38 1.83 -0.01 | 33.44 2.15 -0.98 | 34.88 2.08 -3.02 | 33.90 1.77 -4.51 | 34.84 1.84 -5.17 | 36.91 1.79 -6.67 | 43.20 1.96 -11.54 | 43.02 2.05 -9.95 | 42.90 2.10 -8.98 | 42.73 2.26 -7.64 | 44.81 2.64 -3.95 | 46.54 3.45 -0.01 | 47.16 3.29 0.01 | 43.35 3.06 0.00 | 42.62 2.92 -0.81 | 34.22 2.06 -0.01 | 30.11 1.79 0.00 | 26.81 1.61 0.00 |
| ASTORIA_GT_10 24110 | 26.09 1.87 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.85 1.46 0.00 | 30.56 2.00 -0.02 | 33.54 2.24 -0.98 | 34.94 2.14 -3.03 | 33.96 1.82 -4.51 | 34.90 1.89 -5.18 | 36.98 1.85 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 42.97 2.16 -8.99 | 42.81 2.33 -7.64 | 44.90 2.71 -3.96 | 46.68 3.58 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.67 2.96 -0.82 | 34.45 2.28 -0.02 | 30.26 1.93 -0.01 | 26.96 1.76 -0.01 |
| ASTORIA_GT_11 24225 | 26.09 1.87 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.85 1.46 0.00 | 30.56 2.00 -0.02 | 33.54 2.24 -0.98 | 34.94 2.14 -3.03 | 33.96 1.82 -4.51 | 34.90 1.89 -5.18 | 36.98 1.85 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 42.97 2.16 -8.99 | 42.81 2.33 -7.64 | 44.90 2.71 -3.96 | 46.68 3.58 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.67 2.96 -0.82 | 34.45 2.28 -0.02 | 30.26 1.93 -0.01 | 26.96 1.76 -0.01 |
| ASTORIA_GT_12 24226 | 26.09 1.87 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.85 1.46 0.00 | 30.56 2.00 -0.02 | 33.54 2.24 -0.98 | 34.94 2.14 -3.03 | 33.96 1.82 -4.51 | 34.90 1.89 -5.18 | 36.98 1.85 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 42.97 2.16 -8.99 | 42.81 2.33 -7.64 | 44.90 2.71 -3.96 | 46.68 3.58 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.67 2.96 -0.82 | 34.45 2.28 -0.02 | 30.26 1.93 -0.01 | 26.96 1.76 -0.01 |
| ASTORIA_GT_13 24227 | 26.09 1.87 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.85 1.46 0.00 | 30.56 2.00 -0.02 | 33.54 2.24 -0.98 | 34.94 2.14 -3.03 | 33.96 1.82 -4.51 | 34.90 1.89 -5.18 | 36.98 1.85 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 42.97 2.16 -8.99 | 42.81 2.33 -7.64 | 44.90 2.71 -3.96 | 46.68 3.58 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.67 2.96 -0.82 | 34.45 2.28 -0.02 | 30.26 1.93 -0.01 | 26.96 1.76 -0.01 |
| ASTORIA_GT_5 24106 | 25.94 1.72 0.00 | 23.33 1.42 0.01 | 23.02 1.39 0.01 | 22.55 1.30 0.01 | 23.35 1.32 0.01 | 23.73 1.34 0.01 | 30.39 1.83 -0.02 | 33.45 2.15 -0.98 | 34.89 2.08 -3.03 | 33.91 1.77 -4.51 | 34.85 1.84 -5.18 | 36.92 1.79 -6.68 | 43.21 1.96 -11.55 | 43.02 2.05 -9.96 | 42.91 2.10 -8.99 | 42.74 2.27 -7.64 | 44.82 2.64 -3.96 | 46.55 3.45 -0.02 | 47.16 3.29 0.01 | 43.35 3.06 0.00 | 42.51 2.80 -0.82 | 34.23 2.06 -0.02 | 30.11 1.78 0.00 | 26.81 1.61 0.00 |
| ASTORIA_GT_7 24107 | 25.94 1.72 0.00 | 23.33 1.42 0.01 | 23.02 1.39 0.01 | 22.55 1.30 0.01 | 23.35 1.32 0.01 | 23.73 1.34 0.01 | 30.39 1.83 -0.02 | 33.45 2.15 -0.98 | 34.89 2.08 -3.03 | 33.91 1.77 -4.51 | 34.85 1.84 -5.18 | 36.92 1.79 -6.68 | 43.21 1.96 -11.55 | 43.02 2.05 -9.96 | 42.91 2.10 -8.99 | 42.74 2.27 -7.64 | 44.82 2.64 -3.96 | 46.55 3.45 -0.02 | 47.16 3.29 0.01 | 43.35 3.06 0.00 | 42.51 2.80 -0.82 | 34.23 2.06 -0.02 | 30.11 1.78 0.00 | 26.81 1.61 0.00 |
| ASTORIA_GT_8 24108 | 25.94 1.72 0.00 | 23.33 1.42 0.01 | 23.02 1.39 0.01 | 22.55 1.30 0.01 | 23.35 1.32 0.01 | 23.73 1.34 0.01 | 30.39 1.83 -0.02 | 33.45 2.15 -0.98 | 34.89 2.08 -3.03 | 33.91 1.77 -4.51 | 34.85 1.84 -5.18 | 36.92 1.79 -6.68 | 43.21 1.96 -11.55 | 43.02 2.05 -9.96 | 42.91 2.10 -8.99 | 42.74 2.27 -7.64 | 44.82 2.64 -3.96 | 46.55 3.45 -0.02 | 47.16 3.29 0.01 | 43.35 3.06 0.00 | 42.51 2.80 -0.82 | 34.23 2.06 -0.02 | 30.11 1.78 0.00 | 26.81 1.61 0.00 |
| ASTORIA___2 24149 | 25.89 1.67 0.00 | 23.31 1.40 0.01 | 23.00 1.36 0.01 | 22.50 1.25 0.01 | 23.33 1.30 0.01 | 23.69 1.30 0.01 | 30.32 1.77 -0.01 | 33.38 2.09 -0.98 | 34.82 2.03 -3.02 | 33.84 1.71 -4.51 | 34.78 1.78 -5.17 | 36.86 1.74 -6.67 | 43.14 1.90 -11.54 | 42.92 1.96 -9.95 | 42.84 2.04 -8.98 | 42.67 2.20 -7.64 | 44.74 2.56 -3.95 | 46.45 3.36 -0.01 | 47.07 3.20 0.01 | 43.27 2.98 0.00 | 42.54 2.84 -0.81 | 34.19 2.03 -0.01 | 30.06 1.73 0.00 | 26.76 1.56 0.00 |
| ASTORIA___3 23516 | 26.09 1.87 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.85 1.45 0.00 | 30.56 2.00 -0.02 | 33.54 2.24 -0.98 | 34.95 2.14 -3.03 | 33.96 1.82 -4.51 | 34.90 1.89 -5.18 | 36.98 1.85 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 42.97 2.16 -8.99 | 42.81 2.33 -7.64 | 44.90 2.71 -3.96 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.75 3.04 -0.82 | 34.45 2.28 -0.02 | 30.26 1.93 -0.01 | 26.92 1.71 -0.01 |
| ASTORIA___4 23517 | 26.09 1.87 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.85 1.46 0.00 | 30.56 2.00 -0.02 | 33.54 2.24 -0.98 | 34.94 2.14 -3.03 | 33.96 1.82 -4.51 | 34.90 1.89 -5.18 | 36.98 1.85 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 42.97 2.16 -8.99 | 42.81 2.33 -7.64 | 44.90 2.71 -3.96 | 46.68 3.58 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.67 2.96 -0.82 | 34.45 2.28 -0.02 | 30.26 1.93 -0.01 | 26.96 1.76 -0.01 |
| ASTORIA___5 23518 | 26.09 1.87 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.85 1.45 0.00 | 30.56 2.00 -0.02 | 33.54 2.24 -0.98 | 34.95 2.14 -3.03 | 33.96 1.82 -4.51 | 34.90 1.89 -5.18 | 36.98 1.85 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 42.97 2.16 -8.99 | 42.81 2.33 -7.64 | 44.90 2.71 -3.96 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.75 3.04 -0.82 | 34.45 2.28 -0.02 | 30.26 1.93 -0.01 | 26.92 1.71 -0.01 |
| AST_ENERGY_2_CC3 323677 | 26.14 1.91 -0.01 | 23.44 1.53 0.00 | 23.14 1.49 0.00 | 22.68 1.42 0.00 | 23.49 1.45 0.00 | 23.92 1.52 0.00 | 30.67 2.11 -0.02 | 33.60 2.33 -0.95 | 34.94 2.23 -2.94 | 33.91 1.90 -4.38 | 34.83 1.98 -5.02 | 36.83 1.91 -6.48 | 42.98 2.08 -11.20 | 42.82 2.14 -9.66 | 42.77 2.23 -8.72 | 42.64 2.40 -7.41 | 44.85 2.79 -3.84 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.84 3.15 -0.79 | 34.58 2.41 -0.02 | 30.35 2.01 -0.01 | 26.99 1.79 -0.01 |
| AST_ENERGY_2_CC4 323678 | 26.14 1.91 -0.01 | 23.44 1.53 0.00 | 23.14 1.49 0.00 | 22.68 1.42 0.00 | 23.49 1.45 0.00 | 23.92 1.52 0.00 | 30.67 2.11 -0.02 | 33.60 2.33 -0.95 | 34.94 2.23 -2.94 | 33.91 1.90 -4.38 | 34.83 1.98 -5.02 | 36.83 1.91 -6.48 | 42.98 2.08 -11.20 | 42.82 2.14 -9.66 | 42.77 2.23 -8.72 | 42.64 2.40 -7.41 | 44.85 2.79 -3.84 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.84 3.15 -0.79 | 34.58 2.41 -0.02 | 30.35 2.01 -0.01 | 26.99 1.79 -0.01 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_1 23668 | 25.24 1.02 0.00 | 22.76 0.85 0.00 | 22.53 0.89 0.00 | 22.11 0.85 0.00 | 22.90 0.86 0.00 | 23.23 0.83 0.00 | 29.63 1.08 0.00 | 31.49 1.18 0.00 | 30.84 1.07 0.00 | 28.51 0.88 0.00 | 28.75 0.92 0.00 | 29.30 0.85 0.00 | 30.62 0.92 0.00 | 31.98 0.96 0.00 | 32.81 0.99 0.00 | 33.95 1.12 0.00 | 39.53 1.30 0.00 | 44.93 1.85 0.00 | 45.76 1.89 0.00 | 42.02 1.73 0.00 | 40.49 1.60 0.00 | 33.38 1.22 0.00 | 29.32 0.99 0.00 | 26.07 0.88 0.00 |
| ATHENS_STG_2 23670 | 25.24 1.02 0.00 | 22.76 0.85 0.00 | 22.53 0.89 0.00 | 22.11 0.85 0.00 | 22.90 0.86 0.00 | 23.23 0.83 0.00 | 29.63 1.08 0.00 | 31.49 1.18 0.00 | 30.84 1.07 0.00 | 28.51 0.88 0.00 | 28.75 0.92 0.00 | 29.30 0.85 0.00 | 30.62 0.92 0.00 | 31.98 0.96 0.00 | 32.81 0.99 0.00 | 33.95 1.12 0.00 | 39.53 1.30 0.00 | 44.93 1.85 0.00 | 45.76 1.89 0.00 | 42.02 1.73 0.00 | 40.49 1.60 0.00 | 33.38 1.22 0.00 | 29.32 0.99 0.00 | 26.07 0.88 0.00 |
| ATHENS_STG_3 23677 | 25.24 1.02 0.00 | 22.76 0.85 0.00 | 22.53 0.89 0.00 | 22.11 0.85 0.00 | 22.90 0.86 0.00 | 23.23 0.83 0.00 | 29.63 1.08 0.00 | 31.49 1.18 0.00 | 30.84 1.07 0.00 | 28.51 0.88 0.00 | 28.75 0.92 0.00 | 29.30 0.85 0.00 | 30.62 0.92 0.00 | 31.98 0.96 0.00 | 32.81 0.99 0.00 | 33.95 1.12 0.00 | 39.53 1.30 0.00 | 44.93 1.85 0.00 | 45.76 1.89 0.00 | 42.02 1.73 0.00 | 40.49 1.60 0.00 | 33.38 1.22 0.00 | 29.32 0.99 0.00 | 26.07 0.88 0.00 |
| AUBURN___LFGE 323710 | 24.08 -0.15 0.00 | 21.73 -0.18 0.00 | 21.47 -0.17 0.00 | 21.09 -0.17 0.00 | 21.89 -0.15 0.00 | 22.33 -0.07 0.00 | 28.37 -0.17 0.00 | 30.13 -0.18 0.00 | 30.01 0.24 0.00 | 27.73 0.11 0.00 | 27.83 0.00 0.00 | 28.56 0.11 0.00 | 29.79 0.09 0.00 | 31.20 0.19 0.00 | 31.95 0.13 0.00 | 32.83 0.00 0.00 | 38.11 -0.11 0.00 | 42.78 -0.30 0.00 | 43.61 -0.26 0.00 | 40.09 -0.20 0.00 | 38.58 -0.31 0.00 | 31.93 -0.23 0.00 | 28.30 -0.03 0.00 | 25.09 -0.10 0.00 |
| BABYLON_RES_REC 323704 | 29.90 2.15 -3.53 | 26.26 1.77 -2.58 | 26.00 1.75 -2.61 | 25.59 1.68 -2.66 | 25.40 1.74 -1.62 | 29.41 1.79 -5.22 | 32.77 2.42 -1.80 | 34.45 2.70 -1.45 | 33.82 2.56 -1.49 | 31.74 2.16 -1.96 | 32.07 2.20 -2.04 | 33.17 2.16 -2.56 | 32.53 2.32 -0.51 | 33.85 2.45 -0.38 | 34.82 2.55 -0.45 | 35.53 2.69 0.00 | 41.21 2.98 0.00 | 49.17 4.31 -1.78 | 48.18 4.30 0.00 | 44.24 3.95 0.00 | 42.63 3.73 0.00 | 36.62 2.77 -1.70 | 32.29 2.29 -1.67 | 30.83 2.04 -3.59 |
| BABYLON___69_KV_BK2 356345 | 30.05 2.30 -3.53 | 26.37 1.88 -2.58 | 26.13 1.88 -2.61 | 25.72 1.81 -2.66 | 25.51 1.85 -1.62 | 29.52 1.90 -5.22 | 32.97 2.63 -1.80 | 34.64 2.88 -1.45 | 34.03 2.77 -1.49 | 31.93 2.35 -1.96 | 32.24 2.37 -2.04 | 33.37 2.36 -2.56 | 32.73 2.52 -0.51 | 34.04 2.64 -0.38 | 35.04 2.77 -0.45 | 35.76 2.92 0.00 | 41.55 3.33 0.00 | 49.60 4.74 -1.78 | 48.62 4.74 0.00 | 44.64 4.35 0.00 | 42.71 3.81 0.00 | 36.91 3.05 -1.70 | 32.49 2.49 -1.67 | 31.03 2.24 -3.59 |
| BALL_HILL_WT_PWR 323825 | 23.86 -0.36 0.00 | 21.47 -0.44 0.00 | 21.06 -0.58 0.00 | 20.77 -0.49 0.00 | 21.58 -0.46 0.00 | 22.15 -0.25 0.00 | 27.97 -0.57 0.00 | 29.50 -0.82 0.00 | 29.41 -0.36 0.00 | 27.73 0.11 0.00 | 27.83 0.00 0.00 | 28.73 0.28 0.00 | 29.64 -0.06 0.00 | 31.20 0.19 0.00 | 32.05 0.22 0.00 | 32.57 -0.26 0.00 | 37.58 -0.65 0.00 | 41.36 -1.72 0.00 | 42.38 -1.49 0.00 | 39.00 -1.29 0.00 | 36.95 -1.94 0.00 | 31.12 -1.03 0.00 | 28.41 0.09 0.00 | 25.52 0.33 0.00 |
| BARON_WINDS___WT_PWR 323822 | 23.98 -0.24 0.00 | 21.60 -0.31 0.00 | 21.25 -0.39 0.00 | 20.92 -0.34 0.00 | 21.73 -0.31 0.00 | 22.24 -0.16 0.00 | 28.15 -0.40 0.00 | 30.01 -0.30 0.00 | 29.80 0.03 0.00 | 27.87 0.25 0.00 | 27.92 0.08 0.00 | 28.73 0.28 0.00 | 29.79 0.09 0.00 | 31.29 0.28 0.00 | 32.14 0.32 0.00 | 32.87 0.03 0.00 | 38.04 -0.19 0.00 | 42.31 -0.77 0.00 | 43.26 -0.61 0.00 | 39.81 -0.48 0.00 | 37.96 -0.93 0.00 | 31.70 -0.45 0.00 | 28.53 0.20 0.00 | 25.52 0.33 0.00 |
| BARRETT_IC_1 23704 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BARRETT_IC_10 23701 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BARRETT_IC_11 23702 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BARRETT_IC_12 23703 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BARRETT_IC_2 23705 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BARRETT_IC_3 23706 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BARRETT_IC_4 23707 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |

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|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_5 23708 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BARRETT_IC_6 23709 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BARRETT_IC_7 23710 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.59 -2.66 | 25.31 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.46 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.66 2.39 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.47 3.60 0.00 | 43.60 3.30 0.00 | 41.77 2.88 0.00 | 36.40 2.54 -1.70 | 32.20 2.21 -1.67 | 30.80 2.02 -3.59 |
| BARRETT_IC_8 23711 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BARRETT_IC_9 23700 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BARRETT___1 23545 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BARRETT___2 23546 | 29.83 2.08 -3.53 | 26.20 1.71 -2.58 | 25.94 1.69 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.34 1.72 -5.22 | 32.63 2.28 -1.80 | 34.21 2.45 -1.45 | 33.65 2.38 -1.49 | 31.71 2.13 -1.96 | 32.07 2.20 -2.04 | 33.11 2.11 -2.56 | 32.53 2.32 -0.51 | 33.76 2.36 -0.38 | 34.69 2.42 -0.45 | 35.36 2.53 0.00 | 40.79 2.56 0.00 | 48.48 3.62 -1.78 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.97 3.07 0.00 | 36.39 2.54 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BATAVIA__115KV_TB1 55881 | 23.93 -0.29 0.00 | 21.56 -0.35 0.00 | 21.12 -0.52 0.00 | 20.83 -0.43 0.00 | 21.62 -0.42 0.00 | 22.22 -0.18 0.00 | 28.06 -0.49 0.00 | 29.74 -0.58 0.00 | 29.71 -0.06 0.00 | 27.93 0.30 0.00 | 28.00 0.17 0.00 | 28.90 0.46 0.00 | 29.82 0.12 0.00 | 31.30 0.28 0.00 | 32.01 0.19 0.00 | 32.50 -0.33 0.00 | 37.50 -0.73 0.00 | 41.49 -1.59 0.00 | 42.43 -1.45 0.00 | 39.08 -1.21 0.00 | 37.77 -1.13 0.00 | 31.29 -0.87 0.00 | 28.58 0.25 0.00 | 25.17 -0.03 0.00 |
| BAYONEEC___CTG1 323682 | 26.12 1.89 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.57 2.30 -0.95 | 34.94 2.23 -2.94 | 33.91 1.90 -4.38 | 34.80 1.95 -5.02 | 36.83 1.91 -6.48 | 42.95 2.05 -11.20 | 42.79 2.11 -9.66 | 42.73 2.19 -8.72 | 42.61 2.37 -7.42 | 44.82 2.75 -3.84 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.60 3.30 -0.01 | 42.80 3.11 -0.79 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 26.94 1.74 -0.01 |
| BAYONEEC___CTG10 323750 | 26.12 1.89 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.57 2.30 -0.95 | 34.94 2.23 -2.94 | 33.91 1.90 -4.38 | 34.80 1.95 -5.02 | 36.83 1.91 -6.48 | 42.95 2.05 -11.20 | 42.79 2.11 -9.66 | 42.73 2.19 -8.72 | 42.61 2.37 -7.42 | 44.82 2.75 -3.84 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.60 3.30 -0.01 | 42.80 3.11 -0.79 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 26.94 1.74 -0.01 |
| BAYONEEC___CTG2 323683 | 26.12 1.89 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.57 2.30 -0.95 | 34.94 2.23 -2.94 | 33.91 1.90 -4.38 | 34.80 1.95 -5.02 | 36.83 1.91 -6.48 | 42.95 2.05 -11.20 | 42.79 2.11 -9.66 | 42.73 2.19 -8.72 | 42.61 2.37 -7.42 | 44.82 2.75 -3.84 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.60 3.30 -0.01 | 42.80 3.11 -0.79 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 26.94 1.74 -0.01 |
| BAYONEEC___CTG3 323684 | 26.12 1.89 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.57 2.30 -0.95 | 34.94 2.23 -2.94 | 33.91 1.90 -4.38 | 34.80 1.95 -5.02 | 36.83 1.91 -6.48 | 42.95 2.05 -11.20 | 42.79 2.11 -9.66 | 42.73 2.19 -8.72 | 42.61 2.37 -7.42 | 44.82 2.75 -3.84 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.60 3.30 -0.01 | 42.80 3.11 -0.79 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 26.94 1.74 -0.01 |
| BAYONEEC___CTG4 323685 | 26.12 1.89 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.57 2.30 -0.95 | 34.94 2.23 -2.94 | 33.91 1.90 -4.38 | 34.80 1.95 -5.02 | 36.83 1.91 -6.48 | 42.95 2.05 -11.20 | 42.79 2.11 -9.66 | 42.73 2.19 -8.72 | 42.61 2.37 -7.42 | 44.82 2.75 -3.84 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.60 3.30 -0.01 | 42.80 3.11 -0.79 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 26.94 1.74 -0.01 |
| BAYONEEC___CTG5 323686 | 26.12 1.89 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.57 2.30 -0.95 | 34.94 2.23 -2.94 | 33.91 1.90 -4.38 | 34.80 1.95 -5.02 | 36.83 1.91 -6.48 | 42.95 2.05 -11.20 | 42.79 2.11 -9.66 | 42.73 2.19 -8.72 | 42.61 2.37 -7.42 | 44.82 2.75 -3.84 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.60 3.30 -0.01 | 42.80 3.11 -0.79 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 26.94 1.74 -0.01 |
| BAYONEEC___CTG6 323687 | 26.12 1.89 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.57 2.30 -0.95 | 34.94 2.23 -2.94 | 33.91 1.90 -4.38 | 34.80 1.95 -5.02 | 36.83 1.91 -6.48 | 42.95 2.05 -11.20 | 42.79 2.11 -9.66 | 42.73 2.19 -8.72 | 42.61 2.37 -7.42 | 44.82 2.75 -3.84 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.60 3.30 -0.01 | 42.80 3.11 -0.79 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 26.94 1.74 -0.01 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG7 323688 | 26.12 1.89 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.57 2.30 -0.95 | 34.94 2.23 -2.94 | 33.91 1.90 -4.38 | 34.80 1.95 -5.02 | 36.83 1.91 -6.48 | 42.95 2.05 -11.20 | 42.79 2.11 -9.66 | 42.73 2.19 -8.72 | 42.61 2.37 -7.42 | 44.82 2.75 -3.84 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.60 3.30 -0.01 | 42.80 3.11 -0.79 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 26.94 1.74 -0.01 |
| BAYONEEC___CTG8 323689 | 26.12 1.89 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.57 2.30 -0.95 | 34.94 2.23 -2.94 | 33.91 1.90 -4.38 | 34.80 1.95 -5.02 | 36.83 1.91 -6.48 | 42.95 2.05 -11.20 | 42.79 2.11 -9.66 | 42.73 2.19 -8.72 | 42.61 2.37 -7.42 | 44.82 2.75 -3.84 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.60 3.30 -0.01 | 42.80 3.11 -0.79 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 26.94 1.74 -0.01 |
| BAYONEEC___CTG9 323749 | 26.12 1.89 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.57 2.30 -0.95 | 34.94 2.23 -2.94 | 33.91 1.90 -4.38 | 34.80 1.95 -5.02 | 36.83 1.91 -6.48 | 42.95 2.05 -11.20 | 42.79 2.11 -9.66 | 42.73 2.19 -8.72 | 42.61 2.37 -7.42 | 44.82 2.75 -3.84 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.60 3.30 -0.01 | 42.80 3.11 -0.79 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 26.94 1.74 -0.01 |
| BEACON___LESR 323632 | 25.14 0.92 0.00 | 22.70 0.79 0.00 | 22.44 0.80 0.00 | 22.00 0.74 0.00 | 22.83 0.79 0.00 | 23.20 0.81 0.00 | 29.69 1.14 0.00 | 31.46 1.15 0.00 | 30.75 0.98 0.00 | 28.40 0.77 0.00 | 28.64 0.81 0.00 | 29.19 0.74 0.00 | 30.50 0.80 0.00 | 31.79 0.78 0.00 | 32.62 0.80 0.00 | 33.79 0.95 0.00 | 39.41 1.19 0.00 | 44.98 1.89 0.00 | 45.85 1.98 0.00 | 42.06 1.77 0.00 | 40.45 1.56 0.00 | 33.38 1.22 0.00 | 29.29 0.96 0.00 | 26.05 0.86 0.00 |
| BEAVER RIVER___HYD 24048 | 23.98 -0.24 0.00 | 21.78 -0.13 0.00 | 21.47 -0.17 0.00 | 21.11 -0.15 0.00 | 21.95 -0.09 0.00 | 22.40 0.00 0.00 | 28.75 0.20 0.00 | 30.55 0.24 0.00 | 30.10 0.33 0.00 | 27.93 0.30 0.00 | 28.03 0.20 0.00 | 28.70 0.26 0.00 | 29.88 0.18 0.00 | 31.29 0.28 0.00 | 32.14 0.32 0.00 | 33.09 0.26 0.00 | 38.61 0.38 0.00 | 43.56 0.47 0.00 | 44.54 0.66 0.00 | 40.93 0.64 0.00 | 39.63 0.74 0.00 | 32.83 0.68 0.00 | 28.86 0.54 0.00 | 25.67 0.48 0.00 |
| BEEBEE_GT_13 23619 | 23.71 -0.51 0.00 | 21.41 -0.50 0.00 | 21.02 -0.63 0.00 | 20.70 -0.55 0.00 | 21.47 -0.57 0.00 | 21.97 -0.43 0.00 | 27.83 -0.71 0.00 | 29.46 -0.85 0.00 | 29.38 -0.39 0.00 | 27.54 -0.08 0.00 | 27.64 -0.19 0.00 | 28.50 0.06 0.00 | 29.49 -0.21 0.00 | 30.89 -0.12 0.00 | 31.60 -0.22 0.00 | 32.24 -0.59 0.00 | 37.23 -0.99 0.00 | 41.40 -1.68 0.00 | 42.25 -1.62 0.00 | 38.88 -1.41 0.00 | 37.57 -1.32 0.00 | 31.09 -1.06 0.00 | 28.13 -0.20 0.00 | 24.76 -0.43 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 26.34 2.11 -0.01 | 23.55 1.64 0.00 | 23.25 1.60 0.00 | 22.75 1.49 0.00 | 23.58 1.54 0.00 | 23.96 1.57 0.00 | 30.76 2.20 -0.02 | 33.72 2.42 -0.98 | 35.12 2.32 -3.03 | 34.13 1.99 -4.51 | 35.07 2.06 -5.18 | 37.18 2.05 -6.68 | 43.48 2.23 -11.55 | 43.30 2.33 -9.96 | 43.20 2.39 -8.99 | 43.07 2.59 -7.64 | 45.20 3.02 -3.96 | 46.98 3.88 -0.02 | 47.74 3.86 0.00 | 43.85 3.55 -0.01 | 42.98 3.27 -0.82 | 34.68 2.51 -0.02 | 30.49 2.15 -0.01 | 27.19 1.99 -0.01 |
| BETHLEHEM___GRP 23843 | 24.78 0.56 0.00 | 22.37 0.46 0.00 | 22.14 0.50 0.00 | 21.72 0.47 0.00 | 22.52 0.48 0.00 | 22.87 0.47 0.00 | 29.20 0.66 0.00 | 30.95 0.64 0.00 | 30.25 0.48 0.00 | 27.93 0.30 0.00 | 28.17 0.33 0.00 | 28.70 0.26 0.00 | 30.00 0.30 0.00 | 31.30 0.28 0.00 | 32.11 0.29 0.00 | 33.23 0.39 0.00 | 38.76 0.54 0.00 | 44.16 1.08 0.00 | 44.97 1.10 0.00 | 41.30 1.01 0.00 | 39.67 0.78 0.00 | 32.80 0.64 0.00 | 28.78 0.45 0.00 | 25.65 0.45 0.00 |
| BETHLEHEM___GS1 323560 | 24.78 0.56 0.00 | 22.37 0.46 0.00 | 22.14 0.50 0.00 | 21.72 0.47 0.00 | 22.52 0.48 0.00 | 22.87 0.47 0.00 | 29.20 0.66 0.00 | 30.95 0.64 0.00 | 30.25 0.47 0.00 | 27.93 0.30 0.00 | 28.17 0.34 0.00 | 28.70 0.26 0.00 | 30.00 0.30 0.00 | 31.29 0.28 0.00 | 32.11 0.29 0.00 | 33.23 0.40 0.00 | 38.76 0.53 0.00 | 44.16 1.08 0.00 | 44.97 1.10 0.00 | 41.30 1.01 0.00 | 39.75 0.85 0.00 | 32.80 0.64 0.00 | 28.78 0.45 0.00 | 25.59 0.40 0.00 |
| BETHLEHEM___GS2 323561 | 24.78 0.56 0.00 | 22.37 0.46 0.00 | 22.14 0.50 0.00 | 21.72 0.47 0.00 | 22.52 0.48 0.00 | 22.87 0.47 0.00 | 29.20 0.66 0.00 | 30.95 0.64 0.00 | 30.25 0.47 0.00 | 27.93 0.30 0.00 | 28.17 0.34 0.00 | 28.70 0.26 0.00 | 30.00 0.30 0.00 | 31.29 0.28 0.00 | 32.11 0.29 0.00 | 33.23 0.40 0.00 | 38.76 0.53 0.00 | 44.16 1.08 0.00 | 44.97 1.10 0.00 | 41.30 1.01 0.00 | 39.75 0.85 0.00 | 32.80 0.64 0.00 | 28.78 0.45 0.00 | 25.59 0.40 0.00 |
| BETHLEHEM___GS3 323562 | 24.78 0.56 0.00 | 22.37 0.46 0.00 | 22.14 0.50 0.00 | 21.72 0.47 0.00 | 22.52 0.48 0.00 | 22.87 0.47 0.00 | 29.20 0.66 0.00 | 30.95 0.64 0.00 | 30.25 0.47 0.00 | 27.93 0.30 0.00 | 28.17 0.34 0.00 | 28.70 0.26 0.00 | 30.00 0.30 0.00 | 31.29 0.28 0.00 | 32.11 0.29 0.00 | 33.23 0.40 0.00 | 38.76 0.53 0.00 | 44.16 1.08 0.00 | 44.97 1.10 0.00 | 41.30 1.01 0.00 | 39.75 0.85 0.00 | 32.80 0.64 0.00 | 28.78 0.45 0.00 | 25.59 0.40 0.00 |
| BETHLEHEM___STEEL 23779 | 23.83 -0.39 0.00 | 21.47 -0.44 0.00 | 21.06 -0.58 0.00 | 20.77 -0.49 0.00 | 21.56 -0.48 0.00 | 22.11 -0.29 0.00 | 27.92 -0.63 0.00 | 29.40 -0.91 0.00 | 29.35 -0.42 0.00 | 27.65 0.03 0.00 | 27.78 -0.06 0.00 | 28.67 0.23 0.00 | 29.55 -0.15 0.00 | 31.11 0.09 0.00 | 31.89 0.06 0.00 | 32.37 -0.46 0.00 | 37.35 -0.88 0.00 | 41.10 -1.98 0.00 | 42.08 -1.80 0.00 | 38.76 -1.53 0.00 | 37.34 -1.56 0.00 | 30.96 -1.19 0.00 | 28.36 0.03 0.00 | 25.09 -0.10 0.00 |
| BETHLHEM_115KV_TB1 79974 | 24.83 0.61 0.00 | 22.44 0.53 0.00 | 22.18 0.54 0.00 | 21.77 0.51 0.00 | 22.57 0.53 0.00 | 22.91 0.52 0.00 | 29.26 0.71 0.00 | 31.01 0.70 0.00 | 30.34 0.57 0.00 | 28.01 0.39 0.00 | 28.25 0.42 0.00 | 28.76 0.31 0.00 | 30.08 0.39 0.00 | 31.39 0.37 0.00 | 32.20 0.38 0.00 | 33.33 0.49 0.00 | 38.84 0.61 0.00 | 44.25 1.16 0.00 | 45.06 1.18 0.00 | 41.38 1.09 0.00 | 39.79 0.89 0.00 | 32.86 0.71 0.00 | 28.87 0.54 0.00 | 25.72 0.53 0.00 |
| BETHPAGE_CC_5 323564 | 29.88 2.13 -3.53 | 26.24 1.75 -2.58 | 25.98 1.73 -2.61 | 25.57 1.66 -2.66 | 25.38 1.72 -1.62 | 29.37 1.75 -5.22 | 32.66 2.31 -1.80 | 34.27 2.51 -1.45 | 33.71 2.44 -1.49 | 31.65 2.07 -1.96 | 32.04 2.17 -2.04 | 33.17 2.16 -2.56 | 32.50 2.29 -0.51 | 33.79 2.39 -0.38 | 34.76 2.48 -0.45 | 35.46 2.63 0.00 | 40.98 2.75 0.00 | 48.82 3.96 -1.78 | 47.83 3.95 0.00 | 43.92 3.63 0.00 | 42.32 3.42 0.00 | 36.46 2.60 -1.70 | 32.20 2.21 -1.67 | 30.75 1.97 -3.59 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 23.93 -0.29 0.00 | 21.56 -0.35 0.00 | 21.15 -0.50 0.00 | 20.85 -0.40 0.00 | 21.64 -0.40 0.00 | 22.22 -0.18 0.00 | 28.06 -0.49 0.00 | 29.52 -0.79 0.00 | 29.47 -0.30 0.00 | 27.79 0.17 0.00 | 27.89 0.06 0.00 | 28.79 0.34 0.00 | 29.67 -0.03 0.00 | 31.26 0.25 0.00 | 32.04 0.22 0.00 | 32.57 -0.26 0.00 | 37.54 -0.69 0.00 | 41.32 -1.77 0.00 | 42.30 -1.58 0.00 | 38.96 -1.33 0.00 | 37.49 -1.40 0.00 | 31.09 -1.06 0.00 | 28.47 0.14 0.00 | 25.22 0.03 0.00 |

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| BINGHAMTON___COGEN 23790 | 24.39 0.17 0.00 | 22.02 0.11 0.00 | 21.73 0.09 0.00 | 21.36 0.11 0.00 | 22.15 0.11 0.00 | 22.58 0.18 0.00 | 28.69 0.14 0.00 | 30.49 0.18 0.00 | 30.16 0.39 0.00 | 28.01 0.39 0.00 | 28.11 0.28 0.00 | 28.82 0.37 0.00 | 30.05 0.36 0.00 | 31.45 0.43 0.00 | 32.30 0.48 0.00 | 33.23 0.39 0.00 | 38.61 0.38 0.00 | 43.34 0.26 0.00 | 44.23 0.35 0.00 | 40.65 0.36 0.00 | 39.09 0.19 0.00 | 32.35 0.19 0.00 | 28.70 0.37 0.00 | 25.47 0.28 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 23.93 -0.29 0.00 | 21.52 -0.39 0.00 | 21.15 -0.50 0.00 | 20.83 -0.43 0.00 | 21.67 -0.37 0.00 | 22.26 -0.13 0.00 | 28.15 -0.40 0.00 | 29.62 -0.70 0.00 | 29.59 -0.18 0.00 | 27.87 0.25 0.00 | 27.91 0.08 0.00 | 28.82 0.37 0.00 | 29.73 0.03 0.00 | 31.42 0.40 0.00 | 32.30 0.48 0.00 | 32.80 -0.03 0.00 | 37.81 -0.42 0.00 | 41.62 -1.46 0.00 | 42.74 -1.14 0.00 | 39.45 -0.85 0.00 | 37.61 -1.28 0.00 | 31.25 -0.90 0.00 | 28.50 0.17 0.00 | 25.27 0.08 0.00 |
| BLACK RIVER___HYD 24047 | 24.15 -0.07 0.00 | 21.93 0.02 0.00 | 21.62 -0.02 0.00 | 21.26 0.00 0.00 | 22.11 0.07 0.00 | 22.60 0.20 0.00 | 29.00 0.46 0.00 | 30.86 0.55 0.00 | 30.54 0.77 0.00 | 28.31 0.69 0.00 | 28.30 0.47 0.00 | 29.02 0.57 0.00 | 30.17 0.47 0.00 | 31.54 0.53 0.00 | 32.36 0.54 0.00 | 33.33 0.49 0.00 | 38.84 0.61 0.00 | 43.86 0.78 0.00 | 44.89 1.01 0.00 | 41.30 1.01 0.00 | 39.94 1.05 0.00 | 33.15 1.00 0.00 | 29.18 0.85 0.00 | 25.87 0.68 0.00 |
| BLACKRVR_115KV_TB2 79977 | 24.15 -0.07 0.00 | 21.93 0.02 0.00 | 21.62 -0.02 0.00 | 21.26 0.00 0.00 | 22.08 0.04 0.00 | 22.60 0.20 0.00 | 29.00 0.46 0.00 | 30.86 0.55 0.00 | 30.54 0.77 0.00 | 28.31 0.69 0.00 | 28.30 0.47 0.00 | 29.02 0.57 0.00 | 30.17 0.48 0.00 | 31.54 0.53 0.00 | 32.36 0.54 0.00 | 33.33 0.49 0.00 | 38.88 0.65 0.00 | 43.86 0.78 0.00 | 44.89 1.01 0.00 | 41.34 1.05 0.00 | 39.94 1.05 0.00 | 33.15 1.00 0.00 | 29.18 0.85 0.00 | 25.85 0.66 0.00 |
| BLISS_WT_PWR 323608 | 23.83 -0.39 0.00 | 21.43 -0.48 0.00 | 21.08 -0.56 0.00 | 20.75 -0.51 0.00 | 21.58 -0.46 0.00 | 22.17 -0.22 0.00 | 28.06 -0.49 0.00 | 29.52 -0.79 0.00 | 29.53 -0.24 0.00 | 27.82 0.19 0.00 | 27.83 0.00 0.00 | 28.73 0.28 0.00 | 29.64 -0.06 0.00 | 31.33 0.31 0.00 | 32.23 0.41 0.00 | 32.74 -0.10 0.00 | 37.69 -0.54 0.00 | 41.49 -1.59 0.00 | 42.65 -1.23 0.00 | 39.37 -0.93 0.00 | 36.99 -1.90 0.00 | 31.16 -1.00 0.00 | 28.41 0.09 0.00 | 25.57 0.38 0.00 |
| BLUESTONE___WT_PWR 323821 | 25.46 1.23 0.00 | 23.09 1.18 0.00 | 22.75 1.10 0.00 | 22.36 1.10 0.00 | 23.27 1.23 0.00 | 23.72 1.32 0.00 | 30.34 1.80 0.00 | 32.28 1.97 0.00 | 31.73 1.96 0.00 | 29.45 1.82 0.00 | 29.42 1.59 0.00 | 30.32 1.88 0.00 | 31.63 1.93 0.00 | 33.00 1.99 0.00 | 33.89 2.07 0.00 | 34.97 2.13 0.00 | 40.71 2.48 0.00 | 45.88 2.80 0.00 | 46.90 3.03 0.00 | 43.11 2.82 0.00 | 41.39 2.49 0.00 | 34.24 2.09 0.00 | 30.26 1.93 0.00 | 26.86 1.66 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 25.04 0.82 0.00 | 22.65 0.74 0.00 | 22.40 0.76 0.00 | 21.98 0.72 0.00 | 22.79 0.75 0.00 | 23.11 0.72 0.00 | 29.52 0.97 0.00 | 31.25 0.94 0.00 | 30.54 0.77 0.00 | 28.18 0.55 0.00 | 28.36 0.53 0.00 | 28.87 0.43 0.00 | 30.17 0.48 0.00 | 31.48 0.47 0.00 | 32.33 0.51 0.00 | 33.46 0.62 0.00 | 39.07 0.84 0.00 | 44.55 1.46 0.00 | 45.41 1.54 0.00 | 41.70 1.41 0.00 | 40.10 1.21 0.00 | 33.15 1.00 0.00 | 29.15 0.82 0.00 | 25.97 0.78 0.00 |
| BOC_GAS_DRP 24189 | 24.97 0.75 0.00 | 22.54 0.64 0.00 | 22.31 0.67 0.00 | 21.89 0.64 0.00 | 22.70 0.66 0.00 | 23.02 0.63 0.00 | 29.37 0.83 0.00 | 31.16 0.85 0.00 | 30.51 0.74 0.00 | 28.20 0.58 0.00 | 28.44 0.61 0.00 | 28.99 0.54 0.00 | 30.29 0.59 0.00 | 31.61 0.59 0.00 | 32.43 0.60 0.00 | 33.56 0.72 0.00 | 39.11 0.88 0.00 | 44.42 1.34 0.00 | 45.24 1.36 0.00 | 41.54 1.25 0.00 | 39.98 1.09 0.00 | 33.02 0.87 0.00 | 29.04 0.71 0.00 | 25.87 0.68 0.00 |
| BOONVILLE_115KV_TB1 79983 | 24.51 0.29 0.00 | 22.22 0.31 0.00 | 21.93 0.28 0.00 | 21.55 0.30 0.00 | 22.39 0.35 0.00 | 22.80 0.40 0.00 | 29.17 0.63 0.00 | 31.01 0.70 0.00 | 30.46 0.68 0.00 | 28.29 0.66 0.00 | 28.39 0.56 0.00 | 29.10 0.65 0.00 | 30.35 0.65 0.00 | 31.76 0.74 0.00 | 32.59 0.76 0.00 | 33.65 0.82 0.00 | 39.22 0.99 0.00 | 44.29 1.21 0.00 | 45.24 1.36 0.00 | 41.54 1.25 0.00 | 40.10 1.21 0.00 | 33.15 1.00 0.00 | 29.18 0.85 0.00 | 25.90 0.71 0.00 |
| BORALEX_4TH_BRANCH 23824 | 25.87 1.65 0.00 | 23.31 1.40 0.00 | 23.03 1.39 0.00 | 22.60 1.34 0.00 | 23.43 1.39 0.00 | 23.85 1.46 0.00 | 30.37 1.83 0.00 | 32.28 1.97 0.00 | 31.47 1.70 0.00 | 29.00 1.38 0.00 | 29.28 1.45 0.00 | 29.73 1.28 0.00 | 31.03 1.34 0.00 | 32.38 1.36 0.00 | 33.22 1.40 0.00 | 34.38 1.54 0.00 | 40.22 1.99 0.00 | 45.97 2.89 0.00 | 46.86 2.98 0.00 | 43.03 2.74 0.00 | 41.27 2.37 0.00 | 34.15 1.99 0.00 | 30.00 1.67 0.00 | 26.78 1.59 0.00 |
| BOWLINE___1 23526 | 25.82 1.60 0.00 | 23.20 1.29 0.00 | 22.92 1.28 0.00 | 22.47 1.21 0.00 | 23.30 1.26 0.00 | 23.70 1.30 0.00 | 30.32 1.77 0.00 | 32.25 1.94 0.00 | 31.62 1.85 0.00 | 29.17 1.55 0.00 | 29.44 1.61 0.00 | 30.01 1.56 0.00 | 31.39 1.69 0.00 | 32.78 1.77 0.00 | 33.63 1.81 0.00 | 34.84 2.00 0.00 | 40.56 2.33 0.00 | 46.19 3.10 0.00 | 46.99 3.12 0.00 | 43.15 2.86 0.00 | 41.54 2.65 0.00 | 34.18 2.03 0.00 | 29.97 1.64 0.00 | 26.65 1.46 0.00 |
| BOWLINE___2 23595 | 25.82 1.60 0.00 | 23.20 1.29 0.00 | 22.92 1.28 0.00 | 22.47 1.21 0.00 | 23.30 1.26 0.00 | 23.70 1.30 0.00 | 30.32 1.77 0.00 | 32.25 1.94 0.00 | 31.62 1.85 0.00 | 29.17 1.55 0.00 | 29.44 1.61 0.00 | 30.01 1.56 0.00 | 31.39 1.69 0.00 | 32.78 1.77 0.00 | 33.67 1.84 0.00 | 34.84 2.00 0.00 | 40.56 2.33 0.00 | 46.19 3.10 0.00 | 46.99 3.12 0.00 | 43.15 2.86 0.00 | 41.54 2.65 0.00 | 34.18 2.03 0.00 | 29.97 1.64 0.00 | 26.65 1.46 0.00 |
| BRADY___115KV_TB2 356060 | 23.76 -0.46 0.00 | 21.65 -0.26 0.00 | 21.32 -0.32 0.00 | 21.02 -0.23 0.00 | 21.80 -0.24 0.00 | 22.17 -0.22 0.00 | 28.46 -0.09 0.00 | 30.25 -0.06 0.00 | 29.53 -0.24 0.00 | 27.43 -0.19 0.00 | 27.66 -0.17 0.00 | 28.33 -0.11 0.00 | 29.49 -0.21 0.00 | 30.71 -0.31 0.00 | 31.50 -0.32 0.00 | 32.41 -0.43 0.00 | 37.81 -0.42 0.00 | 42.39 -0.69 0.00 | 43.22 -0.66 0.00 | 39.69 -0.60 0.00 | 38.58 -0.31 0.00 | 31.99 -0.16 0.00 | 28.07 -0.25 0.00 | 25.12 -0.08 0.00 |
| BRANSCOMB___SOLAR 323811 | 25.77 1.55 0.00 | 23.29 1.38 0.00 | 22.96 1.32 0.00 | 22.53 1.28 0.00 | 23.38 1.34 0.00 | 23.79 1.39 0.00 | 30.40 1.85 0.00 | 32.22 1.91 0.00 | 31.47 1.70 0.00 | 29.06 1.44 0.00 | 29.28 1.45 0.00 | 29.84 1.39 0.00 | 31.15 1.45 0.00 | 32.50 1.49 0.00 | 33.32 1.50 0.00 | 34.51 1.67 0.00 | 40.29 2.06 0.00 | 46.05 2.97 0.00 | 46.99 3.12 0.00 | 43.11 2.82 0.00 | 41.42 2.53 0.00 | 34.18 2.03 0.00 | 30.03 1.70 0.00 | 26.70 1.51 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 29.88 2.13 -3.53 | 26.24 1.75 -2.58 | 26.00 1.75 -2.61 | 25.57 1.66 -2.66 | 25.38 1.72 -1.62 | 29.39 1.77 -5.22 | 32.80 2.45 -1.80 | 34.46 2.70 -1.45 | 33.82 2.56 -1.49 | 31.73 2.15 -1.96 | 31.98 2.12 -2.04 | 33.08 2.08 -2.56 | 32.44 2.23 -0.51 | 33.76 2.36 -0.38 | 34.76 2.48 -0.45 | 35.46 2.63 0.00 | 41.17 2.94 0.00 | 49.17 4.31 -1.78 | 48.18 4.30 0.00 | 44.20 3.91 0.00 | 42.32 3.42 0.00 | 36.56 2.70 -1.70 | 32.26 2.27 -1.67 | 30.83 2.04 -3.59 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BRISTLHL_115KV_TB1 79998 | 23.81 -0.41 0.00 | 21.54 -0.37 0.00 | 21.28 -0.37 0.00 | 20.90 -0.36 0.00 | 21.67 -0.37 0.00 | 22.08 -0.31 0.00 | 28.06 -0.49 0.00 | 29.80 -0.52 0.00 | 30.13 0.36 0.00 | 27.98 0.36 0.00 | 28.03 0.19 0.00 | 28.73 0.28 0.00 | 30.00 0.30 0.00 | 31.39 0.37 0.00 | 32.17 0.35 0.00 | 32.90 0.07 0.00 | 38.23 0.00 0.00 | 42.95 -0.13 0.00 | 43.79 -0.09 0.00 | 40.25 -0.04 0.00 | 38.82 -0.08 0.00 | 32.31 0.16 0.00 | 28.55 0.23 0.00 | 25.34 0.15 0.00 |
| BROOKHAVEN___DRP 24191 | 29.17 1.43 -3.53 | 25.63 1.14 -2.58 | 25.40 1.15 -2.61 | 25.04 1.13 -2.66 | 24.83 1.17 -1.62 | 24.37 1.05 -0.92 | 28.23 1.54 1.85 | 33.55 1.79 -1.45 | 32.90 1.64 -1.49 | 24.58 1.27 4.32 | 31.15 1.28 -2.04 | 32.03 1.19 -2.39 | 25.02 1.34 6.01 | 31.34 1.40 1.07 | 31.35 1.50 1.97 | 26.33 1.64 8.15 | 40.18 1.95 0.00 | 48.27 3.40 -1.78 | 47.21 3.33 0.00 | 43.35 3.06 0.00 | 41.58 2.68 0.00 | 35.78 1.93 -1.70 | 31.55 1.56 -1.67 | 30.10 1.31 -3.59 |
| BROOKLYN_NAVY_YARD 23515 | 26.12 1.89 -0.01 | 23.38 1.47 0.00 | 23.09 1.45 0.00 | 22.62 1.36 0.00 | 23.45 1.41 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.57 2.30 -0.95 | 34.91 2.20 -2.94 | 33.88 1.88 -4.38 | 34.77 1.92 -5.02 | 36.81 1.88 -6.48 | 42.95 2.05 -11.20 | 42.79 2.11 -9.66 | 42.73 2.19 -8.72 | 42.61 2.37 -7.42 | 44.82 2.75 -3.84 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.80 3.11 -0.79 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 26.94 1.74 -0.01 |
| BROOKLYN___ARMY_DRP 323595 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| BROOKVLE_69_KV_TB1 55790 | 30.05 2.30 -3.53 | 26.37 1.88 -2.58 | 26.11 1.86 -2.61 | 25.70 1.79 -2.66 | 25.51 1.85 -1.62 | 29.52 1.90 -5.22 | 32.91 2.57 -1.80 | 34.58 2.82 -1.45 | 34.03 2.77 -1.49 | 31.98 2.40 -1.96 | 32.40 2.53 -2.04 | 33.51 2.50 -2.56 | 32.88 2.67 -0.51 | 34.19 2.79 -0.38 | 35.14 2.86 -0.45 | 35.85 3.02 0.00 | 41.55 3.33 0.00 | 49.21 4.35 -1.78 | 48.22 4.34 0.00 | 44.28 3.99 0.00 | 42.39 3.50 0.00 | 36.88 3.02 -1.70 | 32.49 2.49 -1.67 | 31.03 2.24 -3.59 |
| BROOME_2_LFGE 323671 | 24.39 0.17 0.00 | 22.02 0.11 0.00 | 21.73 0.09 0.00 | 21.36 0.11 0.00 | 22.15 0.11 0.00 | 22.58 0.18 0.00 | 28.69 0.14 0.00 | 30.50 0.18 0.00 | 30.16 0.39 0.00 | 28.01 0.39 0.00 | 28.11 0.28 0.00 | 28.82 0.37 0.00 | 30.06 0.36 0.00 | 31.45 0.43 0.00 | 32.30 0.48 0.00 | 33.23 0.40 0.00 | 38.61 0.38 0.00 | 43.34 0.26 0.00 | 44.23 0.35 0.00 | 40.65 0.36 0.00 | 39.01 0.12 0.00 | 32.35 0.19 0.00 | 28.70 0.37 0.00 | 25.55 0.35 0.00 |
| BROOME___LFGE 323600 | 24.39 0.17 0.00 | 22.02 0.11 0.00 | 21.73 0.09 0.00 | 21.36 0.11 0.00 | 22.15 0.11 0.00 | 22.58 0.18 0.00 | 28.69 0.14 0.00 | 30.50 0.18 0.00 | 30.16 0.39 0.00 | 28.01 0.39 0.00 | 28.11 0.28 0.00 | 28.82 0.37 0.00 | 30.06 0.36 0.00 | 31.45 0.43 0.00 | 32.30 0.48 0.00 | 33.23 0.40 0.00 | 38.61 0.38 0.00 | 43.34 0.26 0.00 | 44.23 0.35 0.00 | 40.65 0.36 0.00 | 39.01 0.12 0.00 | 32.35 0.19 0.00 | 28.70 0.37 0.00 | 25.55 0.35 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 23.76 -0.46 0.00 | 21.62 -0.28 0.00 | 21.32 -0.32 0.00 | 20.98 -0.28 0.00 | 21.78 -0.26 0.00 | 22.20 -0.20 0.00 | 28.49 -0.06 0.00 | 30.31 0.00 0.00 | 29.74 -0.03 0.00 | 27.62 0.00 0.00 | 27.78 -0.06 0.00 | 28.45 0.00 0.00 | 29.58 -0.12 0.00 | 30.86 -0.16 0.00 | 31.66 -0.16 0.00 | 32.57 -0.26 0.00 | 37.96 -0.27 0.00 | 42.70 -0.39 0.00 | 43.61 -0.26 0.00 | 40.05 -0.24 0.00 | 38.89 0.00 0.00 | 32.25 0.10 0.00 | 28.33 0.00 0.00 | 25.29 0.10 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 26.31 2.08 -0.01 | 23.55 1.64 0.00 | 23.27 1.62 0.00 | 22.79 1.53 0.00 | 23.63 1.59 0.00 | 24.05 1.66 0.00 | 30.87 2.31 -0.02 | 33.81 2.55 -0.95 | 35.18 2.47 -2.94 | 34.13 2.13 -4.38 | 35.05 2.20 -5.02 | 37.09 2.16 -6.48 | 43.22 2.32 -11.20 | 43.10 2.42 -9.66 | 43.02 2.48 -8.72 | 42.91 2.66 -7.42 | 45.20 3.13 -3.84 | 47.11 4.01 -0.02 | 47.91 4.04 0.00 | 44.01 3.71 -0.01 | 43.07 3.38 -0.79 | 34.84 2.67 -0.02 | 30.55 2.21 -0.01 | 27.22 2.02 -0.01 |
| BURROWS___LYONSDAL 23803 | 24.37 0.15 0.00 | 22.11 0.20 0.00 | 21.80 0.15 0.00 | 21.43 0.17 0.00 | 22.26 0.22 0.00 | 22.69 0.29 0.00 | 29.06 0.51 0.00 | 30.89 0.58 0.00 | 30.34 0.57 0.00 | 28.18 0.55 0.00 | 28.28 0.45 0.00 | 28.99 0.54 0.00 | 30.23 0.53 0.00 | 31.70 0.68 0.00 | 32.52 0.70 0.00 | 33.56 0.72 0.00 | 39.11 0.88 0.00 | 44.16 1.08 0.00 | 45.11 1.23 0.00 | 41.46 1.17 0.00 | 40.02 1.13 0.00 | 33.09 0.93 0.00 | 29.12 0.79 0.00 | 25.85 0.66 0.00 |
| CAITHNESS_CC_1 323624 | 29.25 1.50 -3.53 | 25.69 1.20 -2.58 | 25.48 1.23 -2.61 | 25.08 1.17 -2.66 | 24.87 1.21 -1.62 | 24.46 1.14 -0.92 | 28.32 1.63 1.85 | 33.64 1.88 -1.45 | 33.02 1.76 -1.49 | 24.68 1.38 4.32 | 31.23 1.36 -2.04 | 32.14 1.31 -2.39 | 25.11 1.43 6.01 | 31.43 1.49 1.07 | 31.44 1.59 1.97 | 26.42 1.74 8.15 | 40.25 2.02 0.00 | 48.31 3.45 -1.78 | 47.30 3.42 0.00 | 43.39 3.10 0.00 | 42.16 3.27 0.00 | 35.85 1.99 -1.70 | 31.64 1.64 -1.67 | 30.12 1.33 -3.59 |
| CALPINE BETH_PAGE_GT4 24209 | 29.95 2.20 -3.53 | 26.29 1.80 -2.58 | 26.02 1.77 -2.61 | 25.62 1.70 -2.66 | 25.42 1.76 -1.62 | 29.43 1.81 -5.22 | 32.71 2.37 -1.80 | 34.30 2.55 -1.45 | 33.73 2.47 -1.49 | 31.68 2.10 -1.96 | 32.07 2.20 -2.04 | 33.20 2.19 -2.56 | 32.53 2.32 -0.51 | 33.82 2.42 -0.38 | 34.79 2.51 -0.45 | 35.49 2.66 0.00 | 40.98 2.75 0.00 | 48.83 3.96 -1.78 | 47.78 3.91 0.00 | 43.88 3.59 0.00 | 42.04 3.15 0.00 | 36.43 2.57 -1.70 | 32.23 2.24 -1.67 | 30.83 2.04 -3.59 |
| CALPINE_BETH_PAGE_GT_4 323586 | 29.95 2.20 -3.53 | 26.29 1.80 -2.58 | 26.02 1.78 -2.61 | 25.62 1.70 -2.66 | 25.43 1.76 -1.62 | 29.43 1.81 -5.22 | 32.71 2.37 -1.80 | 34.30 2.55 -1.45 | 33.73 2.47 -1.49 | 31.68 2.10 -1.96 | 32.07 2.20 -2.04 | 33.20 2.19 -2.56 | 32.53 2.32 -0.51 | 33.82 2.42 -0.38 | 34.79 2.51 -0.45 | 35.49 2.66 0.00 | 40.98 2.75 0.00 | 48.82 3.96 -1.78 | 47.78 3.90 0.00 | 43.88 3.58 0.00 | 42.28 3.38 0.00 | 36.43 2.57 -1.70 | 32.23 2.24 -1.67 | 30.75 1.97 -3.59 |
| CALPINE_BP_GT1 23823 | 29.95 2.20 -3.53 | 26.29 1.80 -2.58 | 26.02 1.78 -2.61 | 25.62 1.70 -2.66 | 25.43 1.76 -1.62 | 29.43 1.81 -5.22 | 32.71 2.37 -1.80 | 34.30 2.55 -1.45 | 33.73 2.47 -1.49 | 31.68 2.10 -1.96 | 32.07 2.20 -2.04 | 33.20 2.19 -2.56 | 32.53 2.32 -0.51 | 33.82 2.42 -0.38 | 34.79 2.51 -0.45 | 35.49 2.66 0.00 | 40.98 2.75 0.00 | 48.82 3.96 -1.78 | 47.78 3.90 0.00 | 43.88 3.58 0.00 | 42.28 3.38 0.00 | 36.43 2.57 -1.70 | 32.23 2.24 -1.67 | 30.75 1.97 -3.59 |
| CALSPAN___DRP 24200 | 23.83 -0.39 0.00 | 21.47 -0.44 0.00 | 21.06 -0.58 0.00 | 20.77 -0.49 0.00 | 21.56 -0.48 0.00 | 22.11 -0.29 0.00 | 27.92 -0.63 0.00 | 29.40 -0.91 0.00 | 29.35 -0.42 0.00 | 27.65 0.03 0.00 | 27.78 -0.06 0.00 | 28.67 0.23 0.00 | 29.55 -0.15 0.00 | 31.11 0.09 0.00 | 31.89 0.06 0.00 | 32.37 -0.46 0.00 | 37.35 -0.88 0.00 | 41.10 -1.98 0.00 | 42.08 -1.80 0.00 | 38.76 -1.53 0.00 | 37.34 -1.56 0.00 | 30.96 -1.19 0.00 | 28.36 0.03 0.00 | 25.09 -0.10 0.00 |

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| CALVERTON___SOLAR 323806 | 29.13 1.38 -3.53 | 25.59 1.10 -2.58 | 25.37 1.12 -2.61 | 25.00 1.08 -2.66 | 24.76 1.10 -1.62 | 24.51 0.98 -1.13 | 28.33 1.46 1.67 | 33.48 1.73 -1.45 | 32.81 1.55 -1.49 | 24.80 1.19 4.01 | 31.07 1.20 -2.04 | 31.95 1.11 -2.39 | 25.25 1.25 5.69 | 31.32 1.30 1.00 | 31.37 1.40 1.85 | 26.66 1.58 7.75 | 40.10 1.87 0.00 | 48.23 3.36 -1.78 | 47.21 3.33 0.00 | 43.35 3.06 0.00 | 42.20 3.30 0.00 | 35.75 1.90 -1.70 | 31.52 1.53 -1.67 | 29.97 1.18 -3.59 |
| CANDIGU_WT_PWR 323617 | 23.98 -0.24 0.00 | 21.60 -0.31 0.00 | 21.25 -0.39 0.00 | 20.92 -0.34 0.00 | 21.73 -0.31 0.00 | 22.24 -0.16 0.00 | 28.15 -0.40 0.00 | 30.01 -0.30 0.00 | 29.80 0.03 0.00 | 27.87 0.25 0.00 | 27.92 0.08 0.00 | 28.73 0.28 0.00 | 29.79 0.09 0.00 | 31.29 0.28 0.00 | 32.14 0.32 0.00 | 32.87 0.03 0.00 | 38.04 -0.19 0.00 | 42.31 -0.77 0.00 | 43.26 -0.61 0.00 | 39.81 -0.48 0.00 | 37.96 -0.93 0.00 | 31.70 -0.45 0.00 | 28.53 0.20 0.00 | 25.52 0.33 0.00 |
| CARR STREET_E_SYR 24060 | 23.93 -0.29 0.00 | 21.65 -0.26 0.00 | 21.36 -0.28 0.00 | 21.00 -0.25 0.00 | 21.78 -0.26 0.00 | 22.17 -0.22 0.00 | 28.20 -0.34 0.00 | 29.95 -0.36 0.00 | 29.62 -0.15 0.00 | 27.49 -0.14 0.00 | 27.61 -0.22 0.00 | 28.28 -0.17 0.00 | 29.52 -0.18 0.00 | 30.86 -0.15 0.00 | 31.63 -0.19 0.00 | 32.57 -0.26 0.00 | 37.73 -0.50 0.00 | 42.48 -0.60 0.00 | 43.26 -0.61 0.00 | 39.77 -0.52 0.00 | 38.27 -0.62 0.00 | 31.77 -0.38 0.00 | 28.07 -0.26 0.00 | 24.94 -0.25 0.00 |
| CARTHAGE___PAPER 23857 | 24.00 -0.22 0.00 | 21.80 -0.11 0.00 | 21.49 -0.15 0.00 | 21.13 -0.13 0.00 | 21.95 -0.09 0.00 | 22.44 0.04 0.00 | 28.83 0.29 0.00 | 30.65 0.33 0.00 | 30.25 0.47 0.00 | 28.04 0.41 0.00 | 28.08 0.25 0.00 | 28.76 0.31 0.00 | 29.93 0.24 0.00 | 31.33 0.31 0.00 | 32.17 0.35 0.00 | 33.13 0.29 0.00 | 38.65 0.42 0.00 | 43.64 0.56 0.00 | 44.67 0.79 0.00 | 41.06 0.76 0.00 | 39.75 0.85 0.00 | 32.92 0.77 0.00 | 28.95 0.62 0.00 | 25.70 0.50 0.00 |
| CASSADAGA_WT_PWR 323784 | 23.95 -0.27 0.00 | 21.52 -0.39 0.00 | 21.10 -0.54 0.00 | 20.88 -0.38 0.00 | 21.73 -0.31 0.00 | 22.40 0.00 0.00 | 28.40 -0.14 0.00 | 30.07 -0.24 0.00 | 29.86 0.09 0.00 | 28.18 0.55 0.00 | 28.25 0.42 0.00 | 29.19 0.74 0.00 | 30.17 0.47 0.00 | 31.85 0.84 0.00 | 32.81 0.99 0.00 | 33.29 0.46 0.00 | 38.42 0.19 0.00 | 42.22 -0.86 0.00 | 43.31 -0.57 0.00 | 39.81 -0.48 0.00 | 37.61 -1.28 0.00 | 31.58 -0.58 0.00 | 28.78 0.45 0.00 | 25.77 0.58 0.00 |
| CE_DUNWOOD___DRP 24194 | 25.94 1.72 0.00 | 23.29 1.38 0.00 | 23.03 1.39 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.79 1.39 0.00 | 30.46 1.91 0.00 | 32.40 2.09 0.00 | 31.79 2.02 0.00 | 29.34 1.71 0.00 | 29.58 1.75 0.00 | 30.15 1.71 0.00 | 31.57 1.87 0.00 | 32.94 1.92 0.00 | 33.83 2.00 0.00 | 35.00 2.17 0.00 | 40.75 2.52 0.00 | 46.44 3.36 0.00 | 47.21 3.33 0.00 | 43.35 3.06 0.00 | 41.66 2.76 0.00 | 34.34 2.19 0.00 | 30.11 1.78 0.00 | 26.83 1.64 0.00 |
| CE_MILLWOOD___DRP 24193 | 25.89 1.67 0.00 | 23.27 1.36 0.00 | 22.99 1.34 0.00 | 22.53 1.28 0.00 | 23.36 1.32 0.00 | 23.74 1.34 0.00 | 30.40 1.86 0.00 | 32.34 2.03 0.00 | 31.71 1.94 0.00 | 29.25 1.63 0.00 | 29.53 1.70 0.00 | 30.10 1.65 0.00 | 31.48 1.78 0.00 | 32.88 1.86 0.00 | 33.73 1.91 0.00 | 34.93 2.10 0.00 | 40.67 2.45 0.00 | 46.36 3.27 0.00 | 47.12 3.25 0.00 | 43.27 2.98 0.00 | 41.58 2.68 0.00 | 34.28 2.12 0.00 | 30.06 1.73 0.00 | 26.78 1.59 0.00 |
| CE_NYC2_DRP 24202 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.85 1.46 0.00 | 30.59 2.03 -0.02 | 33.57 2.27 -0.98 | 34.97 2.17 -3.03 | 33.99 1.85 -4.51 | 34.93 1.92 -5.18 | 37.01 1.88 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.01 2.20 -8.99 | 42.84 2.36 -7.64 | 44.94 2.75 -3.96 | 46.68 3.58 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.71 2.99 -0.82 | 34.49 2.32 -0.02 | 30.29 1.95 -0.01 | 26.99 1.79 -0.01 |
| CE_NYC_DRP 24195 | 26.14 1.91 -0.01 | 23.44 1.53 0.00 | 23.14 1.49 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.92 1.52 0.00 | 30.70 2.14 -0.02 | 33.62 2.36 -0.95 | 34.95 2.26 -2.92 | 33.91 1.93 -4.35 | 34.82 2.00 -4.99 | 36.85 1.96 -6.44 | 42.94 2.11 -11.13 | 42.79 2.17 -9.60 | 42.74 2.26 -8.66 | 42.63 2.43 -7.37 | 44.87 2.83 -3.81 | 46.80 3.71 -0.02 | 47.56 3.69 0.00 | 43.68 3.38 -0.01 | 42.75 3.07 -0.79 | 34.61 2.44 -0.02 | 30.35 2.01 -0.01 | 27.04 1.84 -0.01 |
| CHAFFEE___LFGE 323603 | 23.91 -0.32 0.00 | 21.52 -0.39 0.00 | 21.12 -0.52 0.00 | 20.81 -0.45 0.00 | 21.62 -0.42 0.00 | 22.20 -0.20 0.00 | 28.03 -0.51 0.00 | 29.52 -0.79 0.00 | 29.44 -0.33 0.00 | 27.76 0.14 0.00 | 27.86 0.03 0.00 | 28.76 0.31 0.00 | 29.67 -0.03 0.00 | 31.23 0.22 0.00 | 32.05 0.22 0.00 | 32.54 -0.30 0.00 | 37.50 -0.73 0.00 | 41.32 -1.77 0.00 | 42.30 -1.58 0.00 | 38.96 -1.33 0.00 | 36.91 -1.98 0.00 | 31.09 -1.06 0.00 | 28.44 0.11 0.00 | 25.59 0.40 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 23.11 -1.11 0.00 | 21.10 -0.81 0.00 | 20.78 -0.87 0.00 | 20.49 -0.77 0.00 | 21.27 -0.77 0.00 | 21.64 -0.76 0.00 | 27.80 -0.74 0.00 | 29.62 -0.70 0.00 | 29.00 -0.77 0.00 | 27.04 -0.58 0.00 | 27.44 -0.39 0.00 | 28.11 -0.34 0.00 | 29.34 -0.36 0.00 | 30.64 -0.37 0.00 | 31.47 -0.35 0.00 | 32.41 -0.43 0.00 | 37.85 -0.38 0.00 | 42.39 -0.69 0.00 | 43.00 -0.88 0.00 | 39.36 -0.93 0.00 | 38.19 -0.70 0.00 | 31.58 -0.58 0.00 | 27.68 -0.65 0.00 | 24.76 -0.43 0.00 |
| CHATEAUG_WT_PWR 323614 | 22.84 -1.38 0.00 | 20.97 -0.94 0.00 | 20.61 -1.04 0.00 | 20.34 -0.91 0.00 | 21.16 -0.88 0.00 | 21.52 -0.87 0.00 | 27.75 -0.80 0.00 | 29.62 -0.70 0.00 | 28.91 -0.86 0.00 | 27.02 -0.61 0.00 | 27.64 -0.19 0.00 | 28.39 -0.06 0.00 | 29.61 -0.09 0.00 | 30.95 -0.06 0.00 | 31.79 -0.03 0.00 | 32.67 -0.16 0.00 | 38.23 0.00 0.00 | 42.83 -0.26 0.00 | 43.26 -0.61 0.00 | 39.52 -0.77 0.00 | 38.35 -0.54 0.00 | 31.67 -0.48 0.00 | 27.68 -0.65 0.00 | 24.79 -0.40 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 23.11 -1.11 0.00 | 21.10 -0.81 0.00 | 20.78 -0.87 0.00 | 20.49 -0.77 0.00 | 21.27 -0.77 0.00 | 21.64 -0.76 0.00 | 27.80 -0.74 0.00 | 29.62 -0.70 0.00 | 29.00 -0.77 0.00 | 27.04 -0.58 0.00 | 27.44 -0.39 0.00 | 28.11 -0.34 0.00 | 29.34 -0.36 0.00 | 30.64 -0.37 0.00 | 31.47 -0.35 0.00 | 32.41 -0.43 0.00 | 37.85 -0.38 0.00 | 42.39 -0.69 0.00 | 43.00 -0.88 0.00 | 39.36 -0.93 0.00 | 38.19 -0.70 0.00 | 31.58 -0.58 0.00 | 27.68 -0.65 0.00 | 24.76 -0.43 0.00 |
| CHAUTAUQUA___LFGE 323629 | 23.93 -0.29 0.00 | 21.54 -0.37 0.00 | 21.12 -0.52 0.00 | 20.85 -0.40 0.00 | 21.69 -0.35 0.00 | 22.29 -0.11 0.00 | 28.20 -0.34 0.00 | 29.77 -0.54 0.00 | 29.65 -0.12 0.00 | 27.96 0.33 0.00 | 28.05 0.22 0.00 | 28.96 0.51 0.00 | 29.91 0.21 0.00 | 31.54 0.53 0.00 | 32.43 0.60 0.00 | 32.97 0.13 0.00 | 38.04 -0.19 0.00 | 41.83 -1.25 0.00 | 42.87 -1.01 0.00 | 39.44 -0.85 0.00 | 37.34 -1.56 0.00 | 31.42 -0.74 0.00 | 28.64 0.31 0.00 | 25.67 0.48 0.00 |
| CHERRYST_13_KV_LD 356241 | 26.21 1.99 -0.01 | 23.49 1.58 0.00 | 23.20 1.56 0.00 | 22.72 1.47 0.00 | 23.56 1.52 0.00 | 23.99 1.59 0.00 | 30.79 2.23 -0.02 | 33.72 2.46 -0.95 | 35.07 2.38 -2.92 | 34.02 2.04 -4.35 | 34.91 2.09 -4.99 | 36.94 2.05 -6.44 | 43.03 2.20 -11.13 | 42.91 2.30 -9.60 | 42.84 2.35 -8.66 | 42.73 2.53 -7.37 | 45.02 2.98 -3.81 | 46.93 3.83 -0.02 | 47.69 3.82 0.00 | 43.80 3.51 -0.01 | 42.87 3.19 -0.79 | 34.68 2.51 -0.02 | 30.43 2.10 -0.01 | 27.12 1.91 -0.01 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CHESTROR_138KV_BK263 355645 | 25.60 1.38 0.00 | 23.03 1.12 0.00 | 22.75 1.10 0.00 | 22.30 1.04 0.00 | 23.12 1.08 0.00 | 23.52 1.12 0.00 | 30.06 1.51 0.00 | 31.95 1.64 0.00 | 31.35 1.58 0.00 | 28.92 1.30 0.00 | 29.17 1.34 0.00 | 29.73 1.28 0.00 | 31.12 1.43 0.00 | 32.47 1.46 0.00 | 33.35 1.53 0.00 | 34.51 1.67 0.00 | 40.22 1.99 0.00 | 45.75 2.67 0.00 | 46.55 2.68 0.00 | 42.75 2.46 0.00 | 41.11 2.22 0.00 | 33.86 1.70 0.00 | 29.74 1.42 0.00 | 26.50 1.31 0.00 |
| CH_MIDHUDSON___DRP 24192 | 25.77 1.55 0.00 | 23.20 1.29 0.00 | 22.92 1.28 0.00 | 22.47 1.21 0.00 | 23.30 1.26 0.00 | 23.67 1.28 0.00 | 30.26 1.71 0.00 | 32.16 1.85 0.00 | 31.53 1.76 0.00 | 29.06 1.44 0.00 | 29.33 1.50 0.00 | 29.87 1.42 0.00 | 31.30 1.60 0.00 | 32.63 1.61 0.00 | 33.51 1.69 0.00 | 34.70 1.87 0.00 | 40.44 2.22 0.00 | 46.10 3.02 0.00 | 46.90 3.03 0.00 | 43.07 2.78 0.00 | 41.38 2.49 0.00 | 34.08 1.93 0.00 | 29.91 1.59 0.00 | 26.65 1.46 0.00 |
| CH_MISC_IPPS 23765 | 25.89 1.67 0.00 | 23.27 1.36 0.00 | 23.01 1.36 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.76 1.37 0.00 | 30.40 1.85 0.00 | 32.28 1.97 0.00 | 31.68 1.91 0.00 | 29.20 1.57 0.00 | 29.44 1.61 0.00 | 30.01 1.56 0.00 | 31.45 1.75 0.00 | 32.81 1.80 0.00 | 33.67 1.84 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.32 3.23 0.00 | 47.17 3.29 0.00 | 43.31 3.02 0.00 | 41.70 2.80 0.00 | 34.24 2.09 0.00 | 30.03 1.70 0.00 | 26.73 1.54 0.00 |
| CH_RES_BVR_FALLS 23983 | 23.28 -0.94 0.00 | 21.10 -0.81 0.00 | 20.80 -0.84 0.00 | 20.45 -0.81 0.00 | 21.20 -0.84 0.00 | 21.55 -0.85 0.00 | 27.52 -1.03 0.00 | 29.28 -1.03 0.00 | 28.76 -1.01 0.00 | 26.74 -0.89 0.00 | 27.02 -0.81 0.00 | 27.65 -0.80 0.00 | 28.90 -0.80 0.00 | 30.21 -0.81 0.00 | 31.06 -0.76 0.00 | 32.04 -0.79 0.00 | 37.39 -0.84 0.00 | 42.05 -1.03 0.00 | 42.74 -1.14 0.00 | 39.16 -1.13 0.00 | 37.92 -0.97 0.00 | 31.29 -0.87 0.00 | 27.51 -0.82 0.00 | 24.51 -0.68 0.00 |
| CH_RES_NIAGARA 23895 | 22.99 -1.24 0.00 | 20.73 -1.18 0.00 | 20.32 -1.32 0.00 | 20.02 -1.23 0.00 | 20.76 -1.28 0.00 | 21.30 -1.10 0.00 | 26.78 -1.77 0.00 | 28.19 -2.12 0.00 | 28.22 -1.55 0.00 | 26.60 -1.02 0.00 | 26.72 -1.11 0.00 | 27.57 -0.88 0.00 | 28.36 -1.34 0.00 | 29.78 -1.24 0.00 | 30.42 -1.40 0.00 | 30.93 -1.90 0.00 | 35.63 -2.60 0.00 | 39.21 -3.88 0.00 | 40.06 -3.82 0.00 | 36.95 -3.34 0.00 | 35.74 -3.15 0.00 | 29.65 -2.51 0.00 | 27.34 -0.99 0.00 | 24.16 -1.03 0.00 |
| CH_RES_SYRACUSE 23985 | 24.03 -0.19 0.00 | 21.73 -0.18 0.00 | 21.45 -0.20 0.00 | 21.09 -0.17 0.00 | 21.86 -0.18 0.00 | 22.29 -0.11 0.00 | 28.32 -0.23 0.00 | 30.07 -0.24 0.00 | 29.95 0.18 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.48 0.03 0.00 | 29.73 0.03 0.00 | 31.11 0.09 0.00 | 31.89 0.06 0.00 | 32.80 -0.03 0.00 | 38.08 -0.15 0.00 | 42.83 -0.26 0.00 | 43.62 -0.26 0.00 | 40.09 -0.20 0.00 | 38.58 -0.31 0.00 | 31.99 -0.16 0.00 | 28.27 -0.06 0.00 | 25.14 -0.05 0.00 |
| CLINTON_WT_PWR 323605 | 22.84 -1.38 0.00 | 20.97 -0.94 0.00 | 20.61 -1.04 0.00 | 20.34 -0.91 0.00 | 21.16 -0.88 0.00 | 21.52 -0.87 0.00 | 27.75 -0.80 0.00 | 29.62 -0.70 0.00 | 28.91 -0.86 0.00 | 27.02 -0.61 0.00 | 27.64 -0.19 0.00 | 28.39 -0.06 0.00 | 29.61 -0.09 0.00 | 30.95 -0.06 0.00 | 31.79 -0.03 0.00 | 32.67 -0.16 0.00 | 38.23 0.00 0.00 | 42.83 -0.26 0.00 | 43.26 -0.61 0.00 | 39.52 -0.77 0.00 | 38.35 -0.54 0.00 | 31.67 -0.48 0.00 | 27.68 -0.65 0.00 | 24.79 -0.40 0.00 |
| CLINTON___LFGE 323618 | 23.13 -1.09 0.00 | 21.21 -0.70 0.00 | 20.87 -0.78 0.00 | 20.60 -0.66 0.00 | 21.40 -0.64 0.00 | 21.81 -0.58 0.00 | 28.15 -0.40 0.00 | 30.01 -0.30 0.00 | 29.26 -0.51 0.00 | 27.32 -0.30 0.00 | 27.83 0.00 0.00 | 28.56 0.11 0.00 | 29.79 0.09 0.00 | 31.14 0.12 0.00 | 32.01 0.19 0.00 | 32.90 0.07 0.00 | 38.53 0.30 0.00 | 43.21 0.13 0.00 | 43.75 -0.13 0.00 | 40.01 -0.28 0.00 | 38.78 -0.12 0.00 | 32.06 -0.10 0.00 | 28.02 -0.31 0.00 | 25.04 -0.15 0.00 |
| COBBLENY_34_KV_TB1 80064 | 23.91 -0.31 0.00 | 21.52 -0.39 0.00 | 21.12 -0.52 0.00 | 20.81 -0.45 0.00 | 21.62 -0.42 0.00 | 22.20 -0.20 0.00 | 28.03 -0.51 0.00 | 29.52 -0.79 0.00 | 29.44 -0.33 0.00 | 27.76 0.14 0.00 | 27.86 0.03 0.00 | 28.76 0.31 0.00 | 29.67 -0.03 0.00 | 31.23 0.22 0.00 | 32.04 0.22 0.00 | 32.54 -0.30 0.00 | 37.54 -0.69 0.00 | 41.32 -1.77 0.00 | 42.30 -1.58 0.00 | 38.96 -1.33 0.00 | 37.49 -1.40 0.00 | 31.09 -1.06 0.00 | 28.44 0.11 0.00 | 25.17 -0.03 0.00 |
| COFFEEN___115KV_TB3 355620 | 24.29 0.07 0.00 | 22.08 0.18 0.00 | 21.75 0.11 0.00 | 21.41 0.15 0.00 | 22.26 0.22 0.00 | 22.76 0.36 0.00 | 29.23 0.69 0.00 | 31.07 0.76 0.00 | 30.75 0.98 0.00 | 28.51 0.88 0.00 | 28.44 0.61 0.00 | 29.19 0.74 0.00 | 30.35 0.65 0.00 | 31.73 0.71 0.00 | 32.55 0.73 0.00 | 33.52 0.69 0.00 | 39.14 0.92 0.00 | 44.16 1.08 0.00 | 45.28 1.40 0.00 | 41.70 1.41 0.00 | 40.29 1.40 0.00 | 33.44 1.29 0.00 | 29.43 1.10 0.00 | 26.05 0.86 0.00 |
| COLDSPRG_115KV_BK1 355956 | 24.49 0.27 0.00 | 22.02 0.11 0.00 | 21.62 -0.02 0.00 | 21.34 0.09 0.00 | 22.22 0.18 0.00 | 22.84 0.45 0.00 | 29.00 0.46 0.00 | 30.59 0.27 0.00 | 30.37 0.60 0.00 | 28.65 1.02 0.00 | 28.75 0.92 0.00 | 29.67 1.22 0.00 | 30.65 0.95 0.00 | 32.38 1.36 0.00 | 33.35 1.53 0.00 | 33.82 0.98 0.00 | 39.07 0.84 0.00 | 42.91 -0.17 0.00 | 44.01 0.13 0.00 | 40.53 0.24 0.00 | 38.74 -0.16 0.00 | 32.15 0.00 0.00 | 29.21 0.88 0.00 | 25.85 0.66 0.00 |
| COLONIE_LFGE___ 323577 | 25.48 1.26 0.00 | 23.00 1.10 0.00 | 22.73 1.08 0.00 | 22.30 1.04 0.00 | 23.12 1.08 0.00 | 23.52 1.12 0.00 | 30.00 1.46 0.00 | 31.86 1.55 0.00 | 31.11 1.34 0.00 | 28.73 1.11 0.00 | 28.97 1.14 0.00 | 29.50 1.05 0.00 | 30.80 1.10 0.00 | 32.13 1.11 0.00 | 32.97 1.14 0.00 | 34.11 1.28 0.00 | 39.83 1.61 0.00 | 45.41 2.32 0.00 | 46.29 2.41 0.00 | 42.51 2.21 0.00 | 40.88 1.98 0.00 | 33.73 1.58 0.00 | 29.63 1.30 0.00 | 26.38 1.18 0.00 |
| COOPERNY_115KV_TB1 80082 | 25.24 1.02 0.00 | 22.74 0.83 0.00 | 22.47 0.82 0.00 | 22.04 0.79 0.00 | 22.86 0.82 0.00 | 23.23 0.83 0.00 | 29.66 1.11 0.00 | 31.52 1.21 0.00 | 30.96 1.19 0.00 | 28.62 0.99 0.00 | 28.83 1.00 0.00 | 29.41 0.97 0.00 | 30.77 1.07 0.00 | 32.13 1.12 0.00 | 32.97 1.15 0.00 | 34.08 1.25 0.00 | 39.68 1.45 0.00 | 45.07 1.98 0.00 | 45.85 1.97 0.00 | 42.10 1.81 0.00 | 40.53 1.63 0.00 | 33.44 1.29 0.00 | 29.40 1.08 0.00 | 26.18 0.98 0.00 |
| COPENHAGEN_WT_PWR 323753 | 24.10 -0.12 0.00 | 21.89 -0.02 0.00 | 21.58 -0.06 0.00 | 21.21 -0.04 0.00 | 22.04 0.00 0.00 | 22.55 0.16 0.00 | 28.92 0.37 0.00 | 30.74 0.42 0.00 | 30.46 0.69 0.00 | 28.26 0.64 0.00 | 28.25 0.42 0.00 | 28.96 0.51 0.00 | 30.11 0.42 0.00 | 31.51 0.49 0.00 | 32.33 0.51 0.00 | 33.26 0.43 0.00 | 38.76 0.53 0.00 | 43.69 0.60 0.00 | 44.75 0.88 0.00 | 41.18 0.89 0.00 | 39.75 0.85 0.00 | 33.05 0.90 0.00 | 29.09 0.77 0.00 | 25.82 0.63 0.00 |
| CORNELL_____ 23752 | 24.63 0.41 0.00 | 22.26 0.35 0.00 | 21.99 0.35 0.00 | 21.60 0.34 0.00 | 22.41 0.37 0.00 | 22.89 0.49 0.00 | 29.12 0.57 0.00 | 31.01 0.70 0.00 | 30.63 0.86 0.00 | 28.42 0.80 0.00 | 28.44 0.61 0.00 | 29.19 0.74 0.00 | 30.44 0.74 0.00 | 31.85 0.84 0.00 | 32.68 0.86 0.00 | 33.65 0.82 0.00 | 39.14 0.92 0.00 | 44.03 0.95 0.00 | 44.93 1.05 0.00 | 41.30 1.01 0.00 | 39.75 0.86 0.00 | 32.83 0.68 0.00 | 29.06 0.74 0.00 | 25.80 0.60 0.00 |

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| CORONA__69_KV_TB1 355595 | 30.00 2.25 -3.53 | 26.33 1.84 -2.58 | 26.07 1.82 -2.61 | 25.64 1.72 -2.66 | 25.45 1.79 -1.62 | 29.45 1.84 -5.22 | 32.83 2.48 -1.80 | 34.46 2.70 -1.45 | 33.88 2.62 -1.49 | 31.87 2.29 -1.96 | 32.26 2.39 -2.04 | 33.37 2.36 -2.56 | 32.73 2.52 -0.51 | 34.01 2.61 -0.38 | 34.95 2.67 -0.45 | 35.69 2.86 0.00 | 41.32 3.10 0.00 | 49.13 4.27 -1.78 | 48.09 4.21 0.00 | 44.20 3.91 0.00 | 42.36 3.46 0.00 | 36.75 2.89 -1.70 | 32.40 2.41 -1.67 | 30.98 2.19 -3.59 |
| CORTLAND__115KV_TB3 80093 | 24.44 0.22 0.00 | 22.08 0.18 0.00 | 21.82 0.17 0.00 | 21.43 0.17 0.00 | 22.24 0.20 0.00 | 22.67 0.27 0.00 | 28.83 0.29 0.00 | 30.68 0.36 0.00 | 30.31 0.54 0.00 | 28.09 0.47 0.00 | 28.17 0.33 0.00 | 28.87 0.43 0.00 | 30.14 0.45 0.00 | 31.51 0.50 0.00 | 32.36 0.54 0.00 | 33.33 0.49 0.00 | 38.76 0.54 0.00 | 43.60 0.52 0.00 | 44.49 0.61 0.00 | 40.90 0.60 0.00 | 39.32 0.43 0.00 | 32.54 0.39 0.00 | 28.75 0.42 0.00 | 25.52 0.33 0.00 |
| COXSACKIE__GT 23611 | 25.58 1.36 0.00 | 23.16 1.25 0.00 | 22.86 1.21 0.00 | 22.45 1.19 0.00 | 23.27 1.23 0.00 | 23.67 1.28 0.00 | 30.34 1.80 0.00 | 31.95 1.64 0.00 | 31.23 1.46 0.00 | 28.56 0.94 0.00 | 28.70 0.86 0.00 | 29.16 0.71 0.00 | 30.62 0.92 0.00 | 31.88 0.87 0.00 | 32.75 0.92 0.00 | 34.15 1.31 0.00 | 39.95 1.72 0.00 | 45.80 2.72 0.00 | 46.90 3.03 0.00 | 43.07 2.78 0.00 | 41.27 2.37 0.00 | 33.89 1.74 0.00 | 29.77 1.44 0.00 | 26.48 1.28 0.00 |
| CPV_VALLEY__CC1 323721 | 25.41 1.19 0.00 | 22.85 0.94 0.00 | 22.59 0.95 0.00 | 22.15 0.89 0.00 | 22.97 0.93 0.00 | 23.34 0.94 0.00 | 29.80 1.25 0.00 | 31.71 1.40 0.00 | 31.11 1.34 0.00 | 28.73 1.11 0.00 | 28.97 1.14 0.00 | 29.53 1.08 0.00 | 30.89 1.19 0.00 | 32.26 1.24 0.00 | 33.10 1.27 0.00 | 34.24 1.41 0.00 | 39.87 1.64 0.00 | 45.37 2.28 0.00 | 46.16 2.28 0.00 | 42.43 2.13 0.00 | 40.84 1.94 0.00 | 33.60 1.45 0.00 | 29.52 1.19 0.00 | 26.25 1.06 0.00 |
| CPV_VALLEY__CC2 323722 | 25.41 1.19 0.00 | 22.85 0.94 0.00 | 22.59 0.95 0.00 | 22.15 0.89 0.00 | 22.97 0.93 0.00 | 23.34 0.94 0.00 | 29.80 1.25 0.00 | 31.71 1.40 0.00 | 31.11 1.34 0.00 | 28.73 1.11 0.00 | 28.97 1.14 0.00 | 29.53 1.08 0.00 | 30.89 1.19 0.00 | 32.26 1.24 0.00 | 33.10 1.27 0.00 | 34.24 1.41 0.00 | 39.87 1.64 0.00 | 45.37 2.28 0.00 | 46.16 2.28 0.00 | 42.43 2.13 0.00 | 40.84 1.94 0.00 | 33.60 1.45 0.00 | 29.52 1.19 0.00 | 26.25 1.06 0.00 |
| CRESCENT__HYD 24018 | 25.48 1.26 0.00 | 23.00 1.10 0.00 | 22.73 1.08 0.00 | 22.30 1.04 0.00 | 23.12 1.08 0.00 | 23.52 1.12 0.00 | 30.00 1.46 0.00 | 31.86 1.55 0.00 | 31.11 1.34 0.00 | 28.73 1.11 0.00 | 28.97 1.14 0.00 | 29.50 1.05 0.00 | 30.80 1.10 0.00 | 32.13 1.11 0.00 | 32.97 1.14 0.00 | 34.11 1.28 0.00 | 39.83 1.61 0.00 | 45.41 2.32 0.00 | 46.29 2.41 0.00 | 42.51 2.21 0.00 | 40.88 1.98 0.00 | 33.73 1.58 0.00 | 29.63 1.30 0.00 | 26.38 1.18 0.00 |
| CRICKET__VALLEY_CC1 323756 | 25.63 1.40 0.00 | 23.07 1.16 0.00 | 22.81 1.17 0.00 | 22.36 1.10 0.00 | 23.19 1.15 0.00 | 23.56 1.16 0.00 | 30.03 1.48 0.00 | 31.92 1.61 0.00 | 31.23 1.46 0.00 | 28.78 1.16 0.00 | 29.05 1.22 0.00 | 29.56 1.11 0.00 | 30.92 1.22 0.00 | 32.26 1.24 0.00 | 33.10 1.27 0.00 | 34.28 1.44 0.00 | 39.99 1.76 0.00 | 45.62 2.54 0.00 | 46.42 2.54 0.00 | 42.63 2.34 0.00 | 41.03 2.14 0.00 | 33.79 1.64 0.00 | 29.69 1.36 0.00 | 26.40 1.21 0.00 |
| CRICKET__VALLEY_CC2 323757 | 25.63 1.40 0.00 | 23.07 1.16 0.00 | 22.81 1.17 0.00 | 22.36 1.10 0.00 | 23.19 1.15 0.00 | 23.56 1.16 0.00 | 30.03 1.48 0.00 | 31.92 1.61 0.00 | 31.23 1.46 0.00 | 28.78 1.16 0.00 | 29.05 1.22 0.00 | 29.56 1.11 0.00 | 30.92 1.22 0.00 | 32.26 1.24 0.00 | 33.10 1.27 0.00 | 34.28 1.44 0.00 | 39.99 1.76 0.00 | 45.62 2.54 0.00 | 46.42 2.54 0.00 | 42.63 2.34 0.00 | 41.03 2.14 0.00 | 33.79 1.64 0.00 | 29.69 1.36 0.00 | 26.40 1.21 0.00 |
| CRICKET__VALLEY_CC3 323758 | 25.63 1.40 0.00 | 23.07 1.16 0.00 | 22.81 1.17 0.00 | 22.36 1.10 0.00 | 23.19 1.15 0.00 | 23.56 1.16 0.00 | 30.03 1.48 0.00 | 31.92 1.61 0.00 | 31.23 1.46 0.00 | 28.78 1.16 0.00 | 29.05 1.22 0.00 | 29.56 1.11 0.00 | 30.92 1.22 0.00 | 32.26 1.24 0.00 | 33.10 1.27 0.00 | 34.28 1.44 0.00 | 39.99 1.76 0.00 | 45.62 2.54 0.00 | 46.42 2.54 0.00 | 42.63 2.34 0.00 | 41.03 2.14 0.00 | 33.79 1.64 0.00 | 29.69 1.36 0.00 | 26.40 1.21 0.00 |
| CRUCIBLE_METL_DRP 24180 | 24.03 -0.19 0.00 | 21.73 -0.18 0.00 | 21.45 -0.19 0.00 | 21.09 -0.17 0.00 | 21.86 -0.18 0.00 | 22.29 -0.11 0.00 | 28.32 -0.23 0.00 | 30.07 -0.24 0.00 | 29.95 0.18 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.48 0.03 0.00 | 29.73 0.03 0.00 | 31.11 0.09 0.00 | 31.89 0.06 0.00 | 32.80 -0.03 0.00 | 38.07 -0.15 0.00 | 42.82 -0.26 0.00 | 43.61 -0.26 0.00 | 40.09 -0.20 0.00 | 38.62 -0.27 0.00 | 31.99 -0.16 0.00 | 28.27 -0.06 0.00 | 25.09 -0.10 0.00 |
| DAHOWA__HYDRO 323763 | 25.87 1.65 0.00 | 23.38 1.47 0.00 | 23.05 1.41 0.00 | 22.62 1.36 0.00 | 23.47 1.43 0.00 | 23.87 1.48 0.00 | 30.54 2.00 0.00 | 32.40 2.09 0.00 | 31.65 1.88 0.00 | 29.20 1.57 0.00 | 29.44 1.61 0.00 | 30.01 1.56 0.00 | 31.33 1.63 0.00 | 32.66 1.64 0.00 | 33.48 1.65 0.00 | 34.67 1.84 0.00 | 40.48 2.25 0.00 | 46.27 3.19 0.00 | 47.26 3.38 0.00 | 43.35 3.06 0.00 | 41.66 2.76 0.00 | 34.34 2.19 0.00 | 30.17 1.84 0.00 | 26.81 1.61 0.00 |
| DANC__LFGE 323619 | 23.98 -0.24 0.00 | 21.73 -0.18 0.00 | 21.45 -0.20 0.00 | 21.09 -0.17 0.00 | 21.89 -0.15 0.00 | 22.35 -0.04 0.00 | 28.57 0.03 0.00 | 30.37 0.06 0.00 | 30.25 0.47 0.00 | 28.06 0.44 0.00 | 28.05 0.22 0.00 | 28.76 0.31 0.00 | 29.96 0.27 0.00 | 31.33 0.31 0.00 | 32.14 0.32 0.00 | 32.97 0.13 0.00 | 38.38 0.15 0.00 | 43.21 0.13 0.00 | 44.14 0.26 0.00 | 40.61 0.32 0.00 | 39.20 0.31 0.00 | 32.64 0.48 0.00 | 28.81 0.48 0.00 | 25.57 0.38 0.00 |
| DANSKAMMER__1 23586 | 25.89 1.67 0.00 | 23.27 1.36 0.00 | 23.01 1.36 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.76 1.37 0.00 | 30.40 1.85 0.00 | 32.28 1.97 0.00 | 31.68 1.91 0.00 | 29.20 1.57 0.00 | 29.44 1.61 0.00 | 30.01 1.56 0.00 | 31.45 1.75 0.00 | 32.81 1.80 0.00 | 33.67 1.84 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.32 3.23 0.00 | 47.17 3.29 0.00 | 43.31 3.02 0.00 | 41.70 2.80 0.00 | 34.24 2.09 0.00 | 30.03 1.70 0.00 | 26.73 1.54 0.00 |
| DANSKAMMER__2 23589 | 25.89 1.67 0.00 | 23.27 1.36 0.00 | 23.01 1.36 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.76 1.37 0.00 | 30.40 1.85 0.00 | 32.28 1.97 0.00 | 31.68 1.91 0.00 | 29.20 1.57 0.00 | 29.44 1.61 0.00 | 30.01 1.56 0.00 | 31.45 1.75 0.00 | 32.81 1.80 0.00 | 33.67 1.84 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.32 3.23 0.00 | 47.17 3.29 0.00 | 43.31 3.02 0.00 | 41.70 2.80 0.00 | 34.24 2.09 0.00 | 30.03 1.70 0.00 | 26.73 1.54 0.00 |
| DANSKAMMER__3 23590 | 25.89 1.67 0.00 | 23.27 1.36 0.00 | 23.01 1.36 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.76 1.37 0.00 | 30.40 1.85 0.00 | 32.28 1.97 0.00 | 31.68 1.91 0.00 | 29.20 1.57 0.00 | 29.44 1.61 0.00 | 30.01 1.56 0.00 | 31.45 1.75 0.00 | 32.81 1.80 0.00 | 33.67 1.84 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.32 3.23 0.00 | 47.17 3.29 0.00 | 43.31 3.02 0.00 | 41.70 2.80 0.00 | 34.24 2.09 0.00 | 30.03 1.70 0.00 | 26.73 1.54 0.00 |

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| DANSKAMMER___4 23591 | 25.89 1.67 0.00 | 23.27 1.36 0.00 | 23.01 1.36 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.76 1.37 0.00 | 30.40 1.85 0.00 | 32.28 1.97 0.00 | 31.68 1.91 0.00 | 29.20 1.57 0.00 | 29.44 1.61 0.00 | 30.01 1.56 0.00 | 31.45 1.75 0.00 | 32.81 1.80 0.00 | 33.67 1.84 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.32 3.23 0.00 | 47.17 3.29 0.00 | 43.31 3.02 0.00 | 41.70 2.80 0.00 | 34.24 2.09 0.00 | 30.03 1.70 0.00 | 26.73 1.54 0.00 |
| DANSKAMMER___DIESEL 23592 | 25.89 1.67 0.00 | 23.27 1.36 0.00 | 23.01 1.36 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.76 1.37 0.00 | 30.40 1.86 0.00 | 32.28 1.97 0.00 | 31.68 1.91 0.00 | 29.20 1.57 0.00 | 29.45 1.61 0.00 | 30.01 1.56 0.00 | 31.45 1.75 0.00 | 32.81 1.80 0.00 | 33.67 1.85 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.31 3.23 0.00 | 47.17 3.29 0.00 | 43.31 3.02 0.00 | 41.58 2.68 0.00 | 34.24 2.09 0.00 | 30.03 1.70 0.00 | 26.78 1.59 0.00 |
| DARBY___SOLAR 323810 | 25.77 1.55 0.00 | 23.29 1.38 0.00 | 22.99 1.34 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.81 1.41 0.00 | 30.43 1.88 0.00 | 32.25 1.94 0.00 | 31.56 1.79 0.00 | 29.11 1.49 0.00 | 29.33 1.50 0.00 | 29.90 1.45 0.00 | 31.21 1.51 0.00 | 32.57 1.55 0.00 | 33.38 1.56 0.00 | 34.57 1.74 0.00 | 40.37 2.14 0.00 | 46.10 3.01 0.00 | 46.99 3.12 0.00 | 43.15 2.86 0.00 | 41.46 2.57 0.00 | 34.21 2.06 0.00 | 30.06 1.73 0.00 | 26.70 1.51 0.00 |
| DASHVILLE___HYD 23610 | 25.65 1.43 0.00 | 23.05 1.14 0.00 | 22.79 1.15 0.00 | 22.34 1.08 0.00 | 23.16 1.12 0.00 | 23.52 1.12 0.00 | 30.03 1.48 0.00 | 31.89 1.58 0.00 | 31.29 1.52 0.00 | 28.84 1.22 0.00 | 29.11 1.28 0.00 | 29.64 1.19 0.00 | 31.09 1.40 0.00 | 32.41 1.40 0.00 | 33.29 1.46 0.00 | 34.51 1.67 0.00 | 40.14 1.91 0.00 | 45.71 2.63 0.00 | 46.55 2.68 0.00 | 42.75 2.46 0.00 | 41.07 2.18 0.00 | 33.83 1.67 0.00 | 29.69 1.36 0.00 | 26.50 1.31 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 28.93 1.19 -3.53 | 25.41 0.92 -2.58 | 25.18 0.93 -2.61 | 24.85 0.94 -2.66 | 24.63 0.97 -1.62 | 24.16 0.83 -0.93 | 27.96 1.26 1.84 | 33.30 1.55 -1.45 | 32.69 1.43 -1.49 | 24.37 1.05 4.30 | 31.01 1.14 -2.04 | 31.91 1.08 -2.39 | 24.86 1.16 5.99 | 31.19 1.24 1.07 | 31.23 1.37 1.96 | 26.22 1.51 8.12 | 40.06 1.83 0.00 | 48.27 3.40 -1.78 | 47.26 3.38 0.00 | 43.35 3.06 0.00 | 41.54 2.64 0.00 | 35.75 1.90 -1.70 | 31.44 1.44 -1.67 | 29.97 1.18 -3.59 |
| DELAWARE___LFGE 323621 | 25.12 0.90 0.00 | 22.74 0.83 0.00 | 22.47 0.82 0.00 | 22.06 0.81 0.00 | 22.90 0.86 0.00 | 23.23 0.83 0.00 | 29.66 1.11 0.00 | 31.52 1.21 0.00 | 30.93 1.16 0.00 | 28.65 1.02 0.00 | 28.81 0.97 0.00 | 29.47 1.02 0.00 | 30.77 1.07 0.00 | 32.10 1.09 0.00 | 32.97 1.15 0.00 | 34.05 1.21 0.00 | 39.68 1.45 0.00 | 44.89 1.81 0.00 | 45.76 1.89 0.00 | 42.02 1.73 0.00 | 40.45 1.56 0.00 | 33.41 1.25 0.00 | 29.43 1.10 0.00 | 26.15 0.96 0.00 |
| DERFIELD_115KV_TB7 355931 | 24.39 0.17 0.00 | 22.06 0.15 0.00 | 21.80 0.15 0.00 | 21.41 0.15 0.00 | 22.19 0.15 0.00 | 22.55 0.16 0.00 | 28.77 0.23 0.00 | 30.52 0.21 0.00 | 29.92 0.15 0.00 | 27.76 0.14 0.00 | 27.97 0.14 0.00 | 28.59 0.14 0.00 | 29.85 0.15 0.00 | 31.17 0.16 0.00 | 31.98 0.16 0.00 | 33.03 0.20 0.00 | 38.46 0.23 0.00 | 43.47 0.39 0.00 | 44.27 0.39 0.00 | 40.65 0.36 0.00 | 39.21 0.31 0.00 | 32.41 0.26 0.00 | 28.53 0.20 0.00 | 25.34 0.15 0.00 |
| DOGLEVILLE___HYD 23807 | 24.22 0.00 0.00 | 21.93 0.02 0.00 | 21.64 0.00 0.00 | 21.26 0.00 0.00 | 22.06 0.02 0.00 | 22.42 0.02 0.00 | 28.60 0.06 0.00 | 30.37 0.06 0.00 | 29.71 -0.06 0.00 | 27.54 -0.08 0.00 | 27.72 -0.11 0.00 | 28.33 -0.11 0.00 | 29.61 -0.09 0.00 | 30.89 -0.12 0.00 | 31.70 -0.13 0.00 | 32.77 -0.07 0.00 | 38.11 -0.11 0.00 | 43.13 0.04 0.00 | 43.96 0.09 0.00 | 40.37 0.08 0.00 | 38.93 0.04 0.00 | 32.22 0.06 0.00 | 28.36 0.03 0.00 | 25.17 -0.03 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 23.93 -0.29 0.00 | 21.54 -0.37 0.00 | 21.15 -0.50 0.00 | 20.85 -0.40 0.00 | 21.67 -0.37 0.00 | 22.26 -0.13 0.00 | 28.17 -0.37 0.00 | 29.74 -0.58 0.00 | 29.62 -0.15 0.00 | 27.93 0.30 0.00 | 28.03 0.19 0.00 | 28.93 0.48 0.00 | 29.88 0.18 0.00 | 31.48 0.47 0.00 | 32.36 0.54 0.00 | 32.90 0.07 0.00 | 37.96 -0.27 0.00 | 41.79 -1.29 0.00 | 42.78 -1.10 0.00 | 39.41 -0.89 0.00 | 37.81 -1.09 0.00 | 31.38 -0.77 0.00 | 28.61 0.28 0.00 | 25.27 0.08 0.00 |
| DUNKIRK___1 23563 | 23.93 -0.29 0.00 | 21.54 -0.37 0.00 | 21.15 -0.50 0.00 | 20.85 -0.40 0.00 | 21.67 -0.37 0.00 | 22.26 -0.13 0.00 | 28.17 -0.37 0.00 | 29.74 -0.58 0.00 | 29.62 -0.15 0.00 | 27.93 0.30 0.00 | 28.03 0.19 0.00 | 28.93 0.48 0.00 | 29.88 0.18 0.00 | 31.48 0.47 0.00 | 32.36 0.54 0.00 | 32.90 0.07 0.00 | 37.96 -0.27 0.00 | 41.79 -1.29 0.00 | 42.78 -1.10 0.00 | 39.41 -0.89 0.00 | 37.81 -1.09 0.00 | 31.38 -0.77 0.00 | 28.61 0.28 0.00 | 25.27 0.08 0.00 |
| DUNKIRK___2 23564 | 23.93 -0.29 0.00 | 21.54 -0.37 0.00 | 21.15 -0.50 0.00 | 20.85 -0.40 0.00 | 21.67 -0.37 0.00 | 22.26 -0.13 0.00 | 28.17 -0.37 0.00 | 29.74 -0.58 0.00 | 29.62 -0.15 0.00 | 27.93 0.30 0.00 | 28.03 0.19 0.00 | 28.93 0.48 0.00 | 29.88 0.18 0.00 | 31.48 0.47 0.00 | 32.36 0.54 0.00 | 32.90 0.07 0.00 | 37.96 -0.27 0.00 | 41.79 -1.29 0.00 | 42.78 -1.10 0.00 | 39.41 -0.89 0.00 | 37.81 -1.09 0.00 | 31.38 -0.77 0.00 | 28.61 0.28 0.00 | 25.27 0.08 0.00 |
| DUNKIRK___3 23565 | 23.88 -0.34 0.00 | 21.49 -0.42 0.00 | 21.10 -0.54 0.00 | 20.81 -0.45 0.00 | 21.62 -0.42 0.00 | 22.20 -0.20 0.00 | 28.06 -0.49 0.00 | 29.58 -0.73 0.00 | 29.50 -0.27 0.00 | 27.79 0.17 0.00 | 27.89 0.06 0.00 | 28.79 0.34 0.00 | 29.70 0.00 0.00 | 31.30 0.28 0.00 | 32.14 0.32 0.00 | 32.67 -0.16 0.00 | 37.73 -0.50 0.00 | 41.53 -1.55 0.00 | 42.52 -1.36 0.00 | 39.20 -1.09 0.00 | 37.61 -1.28 0.00 | 31.22 -0.93 0.00 | 28.50 0.17 0.00 | 25.17 -0.03 0.00 |
| DUNKIRK___4 23566 | 23.88 -0.34 0.00 | 21.49 -0.42 0.00 | 21.10 -0.54 0.00 | 20.81 -0.45 0.00 | 21.62 -0.42 0.00 | 22.20 -0.20 0.00 | 28.06 -0.49 0.00 | 29.58 -0.73 0.00 | 29.50 -0.27 0.00 | 27.79 0.17 0.00 | 27.89 0.06 0.00 | 28.79 0.34 0.00 | 29.70 0.00 0.00 | 31.30 0.28 0.00 | 32.14 0.32 0.00 | 32.67 -0.16 0.00 | 37.73 -0.50 0.00 | 41.53 -1.55 0.00 | 42.52 -1.36 0.00 | 39.20 -1.09 0.00 | 37.61 -1.28 0.00 | 31.22 -0.93 0.00 | 28.50 0.17 0.00 | 25.17 -0.03 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 26.01 1.79 0.00 | 23.33 1.42 0.00 | 23.05 1.41 0.00 | 22.60 1.34 0.00 | 23.41 1.37 0.00 | 23.83 1.43 0.00 | 30.51 1.97 0.00 | 32.49 2.18 0.00 | 31.88 2.11 0.00 | 29.42 1.80 0.00 | 29.67 1.84 0.00 | 30.24 1.79 0.00 | 31.66 1.96 0.00 | 33.03 2.02 0.00 | 33.92 2.10 0.00 | 35.10 2.27 0.00 | 40.87 2.64 0.00 | 46.53 3.45 0.00 | 47.30 3.42 0.00 | 43.43 3.14 0.00 | 41.77 2.88 0.00 | 34.40 2.25 0.00 | 30.17 1.84 0.00 | 26.88 1.69 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 25.72 1.50 0.00 | 23.14 1.23 0.00 | 22.86 1.21 0.00 | 22.43 1.17 0.00 | 23.23 1.19 0.00 | 23.63 1.23 0.00 | 30.20 1.66 0.00 | 32.10 1.79 0.00 | 31.50 1.73 0.00 | 29.06 1.44 0.00 | 29.31 1.48 0.00 | 29.87 1.42 0.00 | 31.27 1.57 0.00 | 32.63 1.61 0.00 | 33.51 1.69 0.00 | 34.70 1.87 0.00 | 40.41 2.18 0.00 | 46.01 2.93 0.00 | 46.86 2.98 0.00 | 43.03 2.74 0.00 | 41.34 2.45 0.00 | 34.05 1.90 0.00 | 29.89 1.56 0.00 | 26.63 1.44 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 26.02 1.79 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.62 1.36 0.00 | 23.45 1.41 0.00 | 23.81 1.41 0.00 | 30.47 1.91 -0.02 | 33.42 2.12 -0.98 | 34.86 2.05 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.89 1.76 -6.68 | 43.18 1.93 -11.55 | 42.96 1.99 -9.96 | 42.88 2.07 -8.99 | 42.71 2.23 -7.64 | 44.78 2.60 -3.96 | 46.50 3.40 -0.02 | 47.30 3.42 0.00 | 43.44 3.14 -0.01 | 42.51 2.80 -0.82 | 34.32 2.15 -0.02 | 30.21 1.87 -0.01 | 26.89 1.69 -0.01 |
| E179THST_13_KV_LOAD 356214 | 26.12 1.89 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.70 1.45 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.59 2.03 -0.02 | 33.57 2.27 -0.98 | 34.97 2.17 -3.03 | 33.99 1.85 -4.51 | 34.93 1.92 -5.18 | 37.01 1.88 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.04 2.23 -8.99 | 42.87 2.40 -7.64 | 44.98 2.79 -3.96 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.75 3.03 -0.82 | 34.49 2.32 -0.02 | 30.32 1.98 -0.01 | 26.99 1.79 -0.01 |
| EAST HAMPTON___GT 23717 | 28.50 0.75 -3.53 | 25.01 0.52 -2.58 | 24.83 0.58 -2.61 | 24.49 0.57 -2.66 | 24.23 0.57 -1.62 | 23.72 0.42 -0.90 | 27.44 0.77 1.87 | 32.82 1.06 -1.45 | 32.22 0.95 -1.49 | 23.85 0.58 4.36 | 30.59 0.72 -2.04 | 31.51 0.68 -2.38 | 24.39 0.74 6.05 | 30.74 0.81 1.08 | 30.72 0.89 1.99 | 25.69 1.05 8.20 | 39.56 1.34 0.00 | 47.75 2.89 -1.78 | 46.77 2.90 0.00 | 42.91 2.62 0.00 | 41.77 2.88 0.00 | 35.40 1.54 -1.70 | 31.10 1.10 -1.67 | 29.62 0.83 -3.59 |
| EAST RIVER___6 23660 | 26.14 1.91 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.70 2.14 -0.02 | 33.63 2.37 -0.95 | 34.93 2.23 -2.92 | 33.91 1.93 -4.35 | 34.80 1.98 -4.99 | 36.82 1.94 -6.44 | 42.91 2.08 -11.13 | 42.75 2.14 -9.60 | 42.68 2.19 -8.66 | 42.57 2.37 -7.37 | 44.83 2.79 -3.81 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.68 3.38 -0.01 | 42.83 3.15 -0.79 | 34.61 2.44 -0.02 | 30.35 2.01 -0.01 | 26.96 1.76 -0.01 |
| EAST RIVER___7 23524 | 26.14 1.91 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.70 2.14 -0.02 | 33.63 2.37 -0.95 | 34.93 2.23 -2.92 | 33.91 1.93 -4.35 | 34.80 1.98 -4.99 | 36.82 1.94 -6.44 | 42.91 2.08 -11.13 | 42.75 2.14 -9.60 | 42.68 2.19 -8.66 | 42.57 2.37 -7.37 | 44.83 2.79 -3.81 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.68 3.38 -0.01 | 42.83 3.15 -0.79 | 34.61 2.44 -0.02 | 30.35 2.01 -0.01 | 26.96 1.76 -0.01 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 25.94 1.72 0.00 | 23.29 1.38 0.00 | 23.03 1.39 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.79 1.39 0.00 | 30.46 1.91 0.00 | 32.40 2.09 0.00 | 31.79 2.02 0.00 | 29.34 1.71 0.00 | 29.58 1.75 0.00 | 30.15 1.71 0.00 | 31.57 1.87 0.00 | 32.94 1.92 0.00 | 33.83 2.00 0.00 | 35.00 2.17 0.00 | 40.75 2.52 0.00 | 46.44 3.36 0.00 | 47.21 3.33 0.00 | 43.35 3.06 0.00 | 41.66 2.76 0.00 | 34.34 2.19 0.00 | 30.11 1.78 0.00 | 26.83 1.64 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 28.42 0.68 -3.53 | 24.93 0.44 -2.58 | 24.75 0.50 -2.61 | 24.40 0.49 -2.66 | 24.17 0.51 -1.62 | 23.65 0.36 -0.90 | 27.36 0.68 1.87 | 32.73 0.97 -1.45 | 32.13 0.86 -1.49 | 23.77 0.50 4.35 | 30.51 0.64 -2.04 | 31.43 0.60 -2.38 | 24.30 0.65 6.05 | 30.65 0.71 1.08 | 30.63 0.80 1.99 | 25.59 0.95 8.19 | 39.45 1.22 0.00 | 47.62 2.76 -1.78 | 46.64 2.77 0.00 | 42.79 2.50 0.00 | 41.66 2.76 0.00 | 35.30 1.45 -1.70 | 31.01 1.02 -1.67 | 29.54 0.76 -3.59 |
| EAST_POINT___SOLAR 323840 | 26.42 2.20 0.00 | 23.92 2.01 0.00 | 23.55 1.91 0.00 | 23.13 1.87 0.00 | 24.05 2.01 0.00 | 24.53 2.13 0.00 | 31.51 2.97 0.00 | 33.07 2.76 0.00 | 32.06 2.29 0.00 | 28.81 1.19 0.00 | 28.61 0.78 0.00 | 29.22 0.77 0.00 | 30.59 0.89 0.00 | 31.95 0.93 0.00 | 32.94 1.11 0.00 | 34.67 1.84 0.00 | 41.82 3.59 0.00 | 47.74 4.65 0.00 | 48.75 4.87 0.00 | 44.76 4.47 0.00 | 42.90 4.01 0.00 | 35.37 3.22 0.00 | 31.05 2.72 0.00 | 27.51 2.32 0.00 |
| EAST_PULASKI___ESR 323781 | 23.88 -0.34 0.00 | 21.62 -0.29 0.00 | 21.34 -0.30 0.00 | 20.96 -0.30 0.00 | 21.75 -0.29 0.00 | 22.20 -0.20 0.00 | 28.29 -0.26 0.00 | 30.01 -0.30 0.00 | 30.19 0.42 0.00 | 28.04 0.41 0.00 | 28.03 0.20 0.00 | 28.73 0.28 0.00 | 29.96 0.27 0.00 | 31.36 0.34 0.00 | 32.14 0.32 0.00 | 32.83 0.00 0.00 | 38.15 -0.08 0.00 | 42.87 -0.21 0.00 | 43.79 -0.09 0.00 | 40.25 -0.04 0.00 | 38.82 -0.08 0.00 | 32.44 0.29 0.00 | 28.70 0.37 0.00 | 25.50 0.30 0.00 |
| EAST_RIVER___1 323558 | 26.14 1.91 -0.01 | 23.44 1.53 0.00 | 23.14 1.49 0.00 | 22.68 1.42 0.00 | 23.49 1.45 0.00 | 23.92 1.52 0.00 | 30.70 2.14 -0.02 | 33.63 2.37 -0.95 | 34.95 2.26 -2.92 | 33.91 1.93 -4.35 | 34.83 2.00 -4.99 | 36.85 1.96 -6.44 | 42.94 2.11 -11.13 | 42.79 2.17 -9.60 | 42.74 2.26 -8.66 | 42.63 2.43 -7.37 | 44.87 2.83 -3.81 | 46.80 3.71 -0.02 | 47.56 3.69 0.00 | 43.68 3.38 -0.01 | 42.87 3.19 -0.79 | 34.61 2.44 -0.02 | 30.35 2.01 -0.01 | 26.99 1.79 -0.01 |
| EAST_RIVER___2 323559 | 26.14 1.91 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.70 2.14 -0.02 | 33.63 2.37 -0.95 | 34.93 2.23 -2.92 | 33.91 1.93 -4.35 | 34.80 1.98 -4.99 | 36.82 1.94 -6.44 | 42.91 2.08 -11.13 | 42.75 2.14 -9.60 | 42.68 2.19 -8.66 | 42.57 2.37 -7.37 | 44.83 2.79 -3.81 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.68 3.38 -0.01 | 42.83 3.15 -0.79 | 34.61 2.44 -0.02 | 30.35 2.01 -0.01 | 26.96 1.76 -0.01 |
| EAST___DELAWARE_HYD 23607 | 25.79 1.57 0.00 | 23.22 1.31 0.00 | 22.94 1.30 0.00 | 22.51 1.25 0.00 | 23.34 1.30 0.00 | 23.72 1.32 0.00 | 30.34 1.80 0.00 | 32.22 1.91 0.00 | 31.65 1.88 0.00 | 29.17 1.55 0.00 | 29.39 1.56 0.00 | 29.95 1.51 0.00 | 31.42 1.72 0.00 | 32.75 1.74 0.00 | 33.63 1.81 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.23 3.14 0.00 | 47.12 3.25 0.00 | 43.31 3.02 0.00 | 41.66 2.76 0.00 | 34.21 2.06 0.00 | 30.03 1.70 0.00 | 26.70 1.51 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 24.68 0.46 0.00 | 22.11 0.20 0.00 | 22.01 0.37 0.00 | 21.72 0.47 0.00 | 22.55 0.51 0.00 | 23.20 0.81 0.00 | 29.34 0.80 0.00 | 31.25 0.94 0.00 | 30.99 1.22 0.00 | 29.17 1.55 0.00 | 29.05 1.22 0.00 | 29.95 1.51 0.00 | 31.09 1.40 0.00 | 32.69 1.67 0.00 | 33.76 1.94 0.00 | 34.51 1.67 0.00 | 40.02 1.80 0.00 | 44.37 1.29 0.00 | 45.45 1.58 0.00 | 41.70 1.41 0.00 | 39.59 0.70 0.00 | 33.09 0.93 0.00 | 29.66 1.33 0.00 | 26.55 1.36 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 23.93 -0.29 0.00 | 21.62 -0.28 0.00 | 21.36 -0.28 0.00 | 20.98 -0.28 0.00 | 21.75 -0.29 0.00 | 22.17 -0.22 0.00 | 28.17 -0.37 0.00 | 29.89 -0.42 0.00 | 29.80 0.03 0.00 | 27.46 -0.17 0.00 | 27.58 -0.25 0.00 | 28.28 -0.17 0.00 | 29.49 -0.21 0.00 | 30.83 -0.19 0.00 | 31.60 -0.22 0.00 | 32.50 -0.33 0.00 | 37.77 -0.46 0.00 | 42.48 -0.60 0.00 | 43.31 -0.57 0.00 | 39.77 -0.52 0.00 | 38.31 -0.58 0.00 | 31.70 -0.45 0.00 | 28.04 -0.28 0.00 | 24.89 -0.30 0.00 |
| ELEC_TRO_TEK 24086 | 29.88 2.13 -3.53 | 26.22 1.73 -2.58 | 25.96 1.71 -2.61 | 25.55 1.64 -2.66 | 25.36 1.70 -1.62 | 29.37 1.75 -5.22 | 32.71 2.37 -1.80 | 34.33 2.58 -1.45 | 33.76 2.50 -1.49 | 31.73 2.15 -1.96 | 32.10 2.23 -2.04 | 33.20 2.19 -2.56 | 32.56 2.35 -0.51 | 33.85 2.45 -0.38 | 34.79 2.51 -0.45 | 35.53 2.69 0.00 | 41.17 2.94 0.00 | 48.87 4.01 -1.78 | 47.87 3.99 0.00 | 43.96 3.67 0.00 | 42.16 3.27 0.00 | 36.56 2.70 -1.70 | 32.26 2.27 -1.67 | 30.83 2.04 -3.59 |

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|--------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ELLENBURG_WT_PWR 323604 | 22.84 -1.38 0.00 | 20.97 -0.94 0.00 | 20.61 -1.04 0.00 | 20.34 -0.91 0.00 | 21.16 -0.88 0.00 | 21.52 -0.87 0.00 | 27.75 -0.80 0.00 | 29.62 -0.70 0.00 | 28.91 -0.86 0.00 | 27.02 -0.61 0.00 | 27.64 -0.19 0.00 | 28.39 -0.06 0.00 | 29.61 -0.09 0.00 | 30.95 -0.06 0.00 | 31.79 -0.03 0.00 | 32.67 -0.16 0.00 | 38.23 0.00 0.00 | 42.83 -0.26 0.00 | 43.26 -0.61 0.00 | 39.52 -0.77 0.00 | 38.35 -0.54 0.00 | 31.67 -0.48 0.00 | 27.68 -0.65 0.00 | 24.79 -0.40 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 23.64 -0.58 0.00 | 21.32 -0.59 0.00 | 20.91 -0.74 0.00 | 20.60 -0.66 0.00 | 21.38 -0.66 0.00 | 21.93 -0.47 0.00 | 27.66 -0.88 0.00 | 29.16 -1.15 0.00 | 29.12 -0.65 0.00 | 27.46 -0.17 0.00 | 27.55 -0.28 0.00 | 28.45 0.00 0.00 | 29.31 -0.39 0.00 | 30.83 -0.19 0.00 | 31.60 -0.22 0.00 | 32.08 -0.76 0.00 | 37.00 -1.22 0.00 | 40.71 -2.37 0.00 | 41.64 -2.24 0.00 | 38.40 -1.89 0.00 | 36.99 -1.91 0.00 | 30.71 -1.45 0.00 | 28.13 -0.20 0.00 | 24.89 -0.30 0.00 |
| EMPIRE_CC_1 323656 | 25.38 1.16 0.00 | 22.90 0.99 0.00 | 22.64 1.00 0.00 | 22.21 0.96 0.00 | 23.01 0.97 0.00 | 23.38 0.98 0.00 | 29.83 1.29 0.00 | 31.68 1.37 0.00 | 30.93 1.16 0.00 | 28.56 0.94 0.00 | 28.80 0.97 0.00 | 29.33 0.88 0.00 | 30.62 0.92 0.00 | 31.95 0.93 0.00 | 32.78 0.95 0.00 | 33.92 1.08 0.00 | 39.60 1.37 0.00 | 45.15 2.07 0.00 | 45.98 2.11 0.00 | 42.23 1.93 0.00 | 40.65 1.75 0.00 | 33.54 1.38 0.00 | 29.49 1.16 0.00 | 26.23 1.03 0.00 |
| EMPIRE_CC_2 323658 | 25.38 1.16 0.00 | 22.90 0.99 0.00 | 22.64 1.00 0.00 | 22.21 0.96 0.00 | 23.01 0.97 0.00 | 23.38 0.98 0.00 | 29.83 1.29 0.00 | 31.68 1.37 0.00 | 30.93 1.16 0.00 | 28.56 0.94 0.00 | 28.80 0.97 0.00 | 29.33 0.88 0.00 | 30.62 0.92 0.00 | 31.95 0.93 0.00 | 32.78 0.95 0.00 | 33.92 1.08 0.00 | 39.60 1.37 0.00 | 45.15 2.07 0.00 | 45.98 2.11 0.00 | 42.23 1.93 0.00 | 40.65 1.75 0.00 | 33.54 1.38 0.00 | 29.49 1.16 0.00 | 26.23 1.03 0.00 |
| ENORWICH_115KV_TB1 80156 | 25.67 1.45 0.00 | 23.31 1.40 0.00 | 22.94 1.30 0.00 | 22.58 1.32 0.00 | 23.52 1.48 0.00 | 23.99 1.59 0.00 | 30.77 2.23 0.00 | 32.74 2.42 0.00 | 32.12 2.35 0.00 | 29.81 2.18 0.00 | 29.70 1.86 0.00 | 30.67 2.22 0.00 | 32.01 2.32 0.00 | 33.37 2.36 0.00 | 34.27 2.45 0.00 | 35.36 2.53 0.00 | 41.25 3.02 0.00 | 46.53 3.45 0.00 | 47.61 3.73 0.00 | 43.76 3.47 0.00 | 42.08 3.19 0.00 | 34.73 2.57 0.00 | 30.71 2.38 0.00 | 27.11 1.91 0.00 |
| ERIE_ST_34_KV_TB1-2 80199 | 24.20 -0.02 0.00 | 21.78 -0.13 0.00 | 21.38 -0.26 0.00 | 21.07 -0.19 0.00 | 21.89 -0.15 0.00 | 22.46 0.07 0.00 | 28.40 -0.14 0.00 | 29.80 -0.52 0.00 | 29.71 -0.06 0.00 | 28.04 0.41 0.00 | 28.14 0.31 0.00 | 29.04 0.60 0.00 | 29.97 0.27 0.00 | 31.57 0.56 0.00 | 32.46 0.64 0.00 | 32.93 0.10 0.00 | 38.00 -0.23 0.00 | 41.79 -1.29 0.00 | 42.82 -1.05 0.00 | 39.45 -0.85 0.00 | 37.88 -1.01 0.00 | 31.41 -0.74 0.00 | 28.72 0.40 0.00 | 25.50 0.30 0.00 |
| ERIE_WT_PWR 323693 | 23.86 -0.36 0.00 | 21.49 -0.42 0.00 | 21.08 -0.56 0.00 | 20.79 -0.47 0.00 | 21.58 -0.46 0.00 | 22.13 -0.27 0.00 | 27.94 -0.60 0.00 | 29.43 -0.88 0.00 | 29.38 -0.39 0.00 | 27.71 0.08 0.00 | 27.80 -0.03 0.00 | 28.70 0.26 0.00 | 29.58 -0.12 0.00 | 31.11 0.09 0.00 | 31.92 0.10 0.00 | 32.41 -0.43 0.00 | 37.35 -0.88 0.00 | 41.15 -1.94 0.00 | 42.12 -1.76 0.00 | 38.76 -1.53 0.00 | 36.75 -2.14 0.00 | 31.00 -1.16 0.00 | 28.38 0.06 0.00 | 25.55 0.35 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 25.77 1.55 0.00 | 23.33 1.42 0.00 | 23.03 1.39 0.00 | 22.62 1.36 0.00 | 23.49 1.45 0.00 | 23.92 1.52 0.00 | 30.66 2.11 0.00 | 32.46 2.15 0.00 | 31.79 2.02 0.00 | 29.28 1.66 0.00 | 29.31 1.48 0.00 | 30.04 1.59 0.00 | 31.36 1.66 0.00 | 32.72 1.71 0.00 | 33.64 1.81 0.00 | 34.87 2.04 0.00 | 40.94 2.71 0.00 | 46.44 3.36 0.00 | 47.39 3.51 0.00 | 43.51 3.22 0.00 | 41.81 2.92 0.00 | 34.50 2.35 0.00 | 30.37 2.04 0.00 | 26.91 1.71 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 24.61 0.39 0.00 | 22.24 0.33 0.00 | 21.97 0.32 0.00 | 21.58 0.32 0.00 | 22.39 0.35 0.00 | 22.84 0.45 0.00 | 29.09 0.54 0.00 | 30.95 0.64 0.00 | 30.57 0.80 0.00 | 28.37 0.75 0.00 | 28.39 0.56 0.00 | 29.13 0.68 0.00 | 30.38 0.68 0.00 | 31.79 0.78 0.00 | 32.62 0.80 0.00 | 33.62 0.79 0.00 | 39.11 0.88 0.00 | 43.99 0.90 0.00 | 44.89 1.01 0.00 | 41.26 0.97 0.00 | 39.67 0.78 0.00 | 32.80 0.64 0.00 | 29.04 0.71 0.00 | 25.77 0.58 0.00 |
| ETNA____115KV_TB2 80207 | 24.61 0.39 0.00 | 22.24 0.33 0.00 | 21.97 0.32 0.00 | 21.58 0.32 0.00 | 22.39 0.35 0.00 | 22.84 0.45 0.00 | 29.09 0.54 0.00 | 30.95 0.64 0.00 | 30.57 0.80 0.00 | 28.37 0.75 0.00 | 28.39 0.56 0.00 | 29.13 0.68 0.00 | 30.38 0.68 0.00 | 31.79 0.78 0.00 | 32.62 0.80 0.00 | 33.62 0.79 0.00 | 39.11 0.88 0.00 | 43.99 0.90 0.00 | 44.89 1.01 0.00 | 41.26 0.97 0.00 | 39.67 0.78 0.00 | 32.80 0.64 0.00 | 29.04 0.71 0.00 | 25.77 0.58 0.00 |
| EUCLID____115KV_TB2 356179 | 23.83 -0.39 0.00 | 21.56 -0.35 0.00 | 21.28 -0.37 0.00 | 20.92 -0.34 0.00 | 21.69 -0.35 0.00 | 22.08 -0.31 0.00 | 28.09 -0.46 0.00 | 29.80 -0.52 0.00 | 29.41 -0.36 0.00 | 27.32 -0.30 0.00 | 27.47 -0.36 0.00 | 28.13 -0.31 0.00 | 29.34 -0.36 0.00 | 30.67 -0.34 0.00 | 31.47 -0.35 0.00 | 32.41 -0.43 0.00 | 37.62 -0.61 0.00 | 42.35 -0.73 0.00 | 43.17 -0.70 0.00 | 39.65 -0.64 0.00 | 38.19 -0.70 0.00 | 31.64 -0.51 0.00 | 27.96 -0.37 0.00 | 24.79 -0.40 0.00 |
| E_CANADA_CAP_HY 24051 | 26.21 1.99 0.00 | 23.73 1.82 0.00 | 23.38 1.73 0.00 | 22.96 1.70 0.00 | 23.85 1.81 0.00 | 24.30 1.90 0.00 | 31.17 2.62 0.00 | 32.92 2.61 0.00 | 32.12 2.35 0.00 | 29.37 1.74 0.00 | 29.36 1.53 0.00 | 30.01 1.56 0.00 | 31.39 1.69 0.00 | 32.75 1.74 0.00 | 33.67 1.84 0.00 | 35.07 2.23 0.00 | 41.44 3.21 0.00 | 47.26 4.18 0.00 | 48.22 4.34 0.00 | 44.28 3.99 0.00 | 42.47 3.58 0.00 | 35.01 2.86 0.00 | 30.79 2.46 0.00 | 27.31 2.12 0.00 |
| E_CANADA_MHWK_HY 24050 | 24.22 0.00 0.00 | 21.93 0.02 0.00 | 21.64 0.00 0.00 | 21.26 0.00 0.00 | 22.06 0.02 0.00 | 22.42 0.02 0.00 | 28.60 0.06 0.00 | 30.37 0.06 0.00 | 29.71 -0.06 0.00 | 27.54 -0.08 0.00 | 27.72 -0.11 0.00 | 28.33 -0.11 0.00 | 29.61 -0.09 0.00 | 30.89 -0.12 0.00 | 31.70 -0.13 0.00 | 32.77 -0.07 0.00 | 38.11 -0.11 0.00 | 43.13 0.04 0.00 | 43.96 0.09 0.00 | 40.37 0.08 0.00 | 38.93 0.04 0.00 | 32.22 0.06 0.00 | 28.36 0.03 0.00 | 25.17 -0.03 0.00 |
| E_FISHKILL____LBMP 23776 | 25.72 1.50 0.00 | 23.14 1.23 0.00 | 22.88 1.23 0.00 | 22.43 1.17 0.00 | 23.25 1.21 0.00 | 23.63 1.23 0.00 | 30.20 1.66 0.00 | 32.13 1.82 0.00 | 31.47 1.70 0.00 | 29.03 1.41 0.00 | 29.31 1.48 0.00 | 29.84 1.39 0.00 | 31.24 1.54 0.00 | 32.60 1.58 0.00 | 33.44 1.62 0.00 | 34.64 1.81 0.00 | 40.33 2.10 0.00 | 45.97 2.89 0.00 | 46.77 2.90 0.00 | 42.95 2.66 0.00 | 41.27 2.37 0.00 | 34.02 1.86 0.00 | 29.86 1.53 0.00 | 26.60 1.41 0.00 |
| FALCON____SEABRD_CC1 323796 | 22.96 -1.26 0.00 | 21.08 -0.83 0.00 | 20.71 -0.93 0.00 | 20.45 -0.81 0.00 | 21.25 -0.79 0.00 | 21.64 -0.76 0.00 | 27.89 -0.66 0.00 | 29.77 -0.54 0.00 | 29.06 -0.71 0.00 | 27.13 -0.50 0.00 | 27.67 -0.17 0.00 | 28.39 -0.06 0.00 | 29.61 -0.09 0.00 | 30.95 -0.06 0.00 | 31.82 0.00 0.00 | 32.70 -0.13 0.00 | 38.27 0.04 0.00 | 42.87 -0.21 0.00 | 43.40 -0.48 0.00 | 39.69 -0.60 0.00 | 38.47 -0.43 0.00 | 31.80 -0.35 0.00 | 27.79 -0.54 0.00 | 24.86 -0.33 0.00 |

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| FALCON___SEABRD_CC2 323797 | 22.96 -1.26 0.00 | 21.08 -0.83 0.00 | 20.71 -0.93 0.00 | 20.45 -0.81 0.00 | 21.25 -0.79 0.00 | 21.64 -0.76 0.00 | 27.89 -0.66 0.00 | 29.77 -0.54 0.00 | 29.06 -0.71 0.00 | 27.13 -0.50 0.00 | 27.67 -0.17 0.00 | 28.39 -0.06 0.00 | 29.61 -0.09 0.00 | 30.95 -0.06 0.00 | 31.82 0.00 0.00 | 32.70 -0.13 0.00 | 38.27 0.04 0.00 | 42.87 -0.21 0.00 | 43.40 -0.48 0.00 | 39.69 -0.60 0.00 | 38.47 -0.43 0.00 | 31.80 -0.35 0.00 | 27.79 -0.54 0.00 | 24.86 -0.33 0.00 |
| FAR ROCKAWAY___4 23548 | 30.14 2.40 -3.53 | 26.46 1.97 -2.58 | 26.20 1.95 -2.61 | 25.77 1.85 -2.66 | 25.58 1.92 -1.62 | 29.61 1.99 -5.22 | 33.00 2.65 -1.80 | 34.67 2.91 -1.45 | 34.09 2.83 -1.49 | 32.07 2.49 -1.96 | 32.49 2.62 -2.04 | 33.62 2.62 -2.56 | 33.00 2.79 -0.51 | 34.28 2.88 -0.38 | 35.24 2.96 -0.45 | 35.95 3.12 0.00 | 41.67 3.44 0.00 | 49.52 4.65 -1.78 | 48.53 4.65 0.00 | 44.56 4.27 0.00 | 42.71 3.81 0.00 | 37.04 3.18 -1.70 | 32.63 2.63 -1.67 | 31.15 2.37 -3.59 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 26.17 1.94 -0.01 | 23.44 1.53 0.00 | 23.16 1.52 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.92 1.52 0.00 | 30.70 2.14 -0.02 | 33.63 2.36 -0.95 | 35.00 2.29 -2.94 | 33.96 1.96 -4.38 | 34.86 2.00 -5.02 | 36.89 1.96 -6.48 | 43.01 2.11 -11.20 | 42.88 2.20 -9.66 | 42.80 2.26 -8.72 | 42.68 2.43 -7.42 | 44.89 2.83 -3.84 | 46.80 3.71 -0.02 | 47.56 3.69 0.00 | 43.68 3.38 -0.01 | 42.80 3.11 -0.79 | 34.61 2.44 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 26.17 1.94 -0.01 | 23.44 1.53 0.00 | 23.16 1.52 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.94 1.55 0.00 | 30.70 2.14 -0.02 | 33.63 2.36 -0.95 | 34.97 2.26 -2.94 | 33.94 1.93 -4.38 | 34.86 2.00 -5.02 | 36.89 1.96 -6.48 | 43.01 2.11 -11.20 | 42.88 2.20 -9.66 | 42.80 2.26 -8.72 | 42.68 2.43 -7.42 | 44.89 2.83 -3.84 | 46.80 3.71 -0.02 | 47.56 3.69 0.00 | 43.68 3.38 -0.01 | 42.80 3.11 -0.79 | 34.61 2.44 -0.02 | 30.38 2.04 -0.01 | 27.07 1.86 -0.01 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 26.14 1.91 -0.01 | 23.42 1.51 0.00 | 23.14 1.49 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.92 1.52 0.00 | 30.70 2.14 -0.02 | 33.63 2.36 -0.95 | 34.97 2.26 -2.94 | 33.94 1.93 -4.38 | 34.86 2.00 -5.02 | 36.86 1.93 -6.48 | 43.01 2.11 -11.20 | 42.85 2.17 -9.66 | 42.80 2.26 -8.72 | 42.68 2.43 -7.42 | 44.89 2.83 -3.84 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.68 3.38 -0.01 | 42.76 3.07 -0.79 | 34.58 2.41 -0.02 | 30.35 2.01 -0.01 | 27.04 1.84 -0.01 |
| FARRAGUT___LBMP 323566 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.14 1.49 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.90 1.50 0.00 | 30.67 2.11 -0.02 | 33.60 2.33 -0.95 | 34.94 2.23 -2.94 | 33.91 1.91 -4.38 | 34.83 1.98 -5.02 | 36.83 1.91 -6.48 | 42.98 2.08 -11.20 | 42.82 2.14 -9.66 | 42.77 2.23 -8.72 | 42.65 2.40 -7.42 | 44.86 2.79 -3.84 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.72 3.03 -0.79 | 34.58 2.41 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| FENNER___WINDPWR 24204 | 24.58 0.36 0.00 | 22.26 0.35 0.00 | 21.97 0.33 0.00 | 21.58 0.32 0.00 | 22.41 0.37 0.00 | 22.82 0.42 0.00 | 29.12 0.57 0.00 | 30.95 0.64 0.00 | 30.46 0.69 0.00 | 28.29 0.66 0.00 | 28.36 0.53 0.00 | 29.10 0.65 0.00 | 30.38 0.68 0.00 | 31.73 0.71 0.00 | 32.55 0.73 0.00 | 33.55 0.72 0.00 | 39.03 0.80 0.00 | 44.03 0.95 0.00 | 44.89 1.01 0.00 | 41.22 0.93 0.00 | 39.71 0.82 0.00 | 32.86 0.71 0.00 | 28.98 0.65 0.00 | 25.75 0.55 0.00 |
| FIBERTEK___ENERGY 23856 | 24.03 -0.19 0.00 | 21.73 -0.18 0.00 | 21.45 -0.19 0.00 | 21.09 -0.17 0.00 | 21.86 -0.18 0.00 | 22.29 -0.11 0.00 | 28.32 -0.23 0.00 | 30.07 -0.24 0.00 | 29.95 0.18 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.48 0.03 0.00 | 29.73 0.03 0.00 | 31.11 0.09 0.00 | 31.89 0.06 0.00 | 32.80 -0.03 0.00 | 38.07 -0.15 0.00 | 42.82 -0.26 0.00 | 43.61 -0.26 0.00 | 40.09 -0.20 0.00 | 38.62 -0.27 0.00 | 31.99 -0.16 0.00 | 28.27 -0.06 0.00 | 25.09 -0.10 0.00 |
| FITZPATRICK____ 23598 | 23.49 -0.73 0.00 | 21.27 -0.64 0.00 | 20.99 -0.65 0.00 | 20.64 -0.62 0.00 | 21.38 -0.66 0.00 | 21.77 -0.63 0.00 | 27.69 -0.86 0.00 | 29.34 -0.97 0.00 | 28.85 -0.92 0.00 | 26.88 -0.74 0.00 | 27.05 -0.78 0.00 | 27.71 -0.74 0.00 | 28.90 -0.80 0.00 | 30.18 -0.84 0.00 | 30.96 -0.86 0.00 | 31.88 -0.95 0.00 | 37.04 -1.19 0.00 | 41.75 -1.34 0.00 | 42.52 -1.36 0.00 | 39.04 -1.25 0.00 | 37.61 -1.28 0.00 | 31.16 -1.00 0.00 | 27.51 -0.82 0.00 | 24.44 -0.76 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 29.80 2.06 -3.53 | 26.18 1.69 -2.58 | 25.92 1.67 -2.61 | 25.51 1.59 -2.66 | 25.31 1.65 -1.62 | 29.70 1.68 -5.62 | 33.00 2.31 -2.14 | 34.36 2.61 -1.45 | 33.73 2.47 -1.49 | 32.24 2.07 -2.54 | 31.96 2.09 -2.04 | 33.07 2.05 -2.57 | 33.01 2.20 -1.12 | 33.86 2.33 -0.52 | 34.95 2.45 -0.68 | 36.19 2.59 -0.76 | 41.17 2.94 0.00 | 49.30 4.44 -1.78 | 48.26 4.39 0.00 | 44.32 4.03 0.00 | 42.43 3.54 0.00 | 36.59 2.73 -1.70 | 32.23 2.24 -1.67 | 30.78 1.99 -3.59 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 25.92 1.70 0.00 | 23.31 1.40 0.00 | 23.03 1.39 0.00 | 22.58 1.32 0.00 | 23.41 1.37 0.00 | 23.81 1.41 0.00 | 30.43 1.88 0.00 | 32.31 2.00 0.00 | 31.74 1.96 0.00 | 29.23 1.60 0.00 | 29.50 1.67 0.00 | 30.04 1.59 0.00 | 31.51 1.81 0.00 | 32.85 1.83 0.00 | 33.73 1.91 0.00 | 34.97 2.13 0.00 | 40.71 2.48 0.00 | 46.40 3.32 0.00 | 47.26 3.38 0.00 | 43.39 3.10 0.00 | 41.66 2.76 0.00 | 34.28 2.12 0.00 | 30.08 1.76 0.00 | 26.81 1.61 0.00 |
| FORT ORANGE____ 23900 | 25.02 0.80 0.00 | 22.59 0.68 0.00 | 22.34 0.69 0.00 | 21.92 0.66 0.00 | 22.72 0.68 0.00 | 23.09 0.70 0.00 | 29.49 0.94 0.00 | 31.25 0.94 0.00 | 30.54 0.77 0.00 | 28.15 0.52 0.00 | 28.39 0.56 0.00 | 28.90 0.45 0.00 | 30.23 0.54 0.00 | 31.51 0.49 0.00 | 32.33 0.51 0.00 | 33.49 0.66 0.00 | 39.11 0.88 0.00 | 44.59 1.51 0.00 | 45.50 1.62 0.00 | 41.74 1.45 0.00 | 40.14 1.24 0.00 | 33.12 0.96 0.00 | 29.09 0.77 0.00 | 25.87 0.68 0.00 |
| FORT_DRUM_COGEN 23780 | 24.10 -0.12 0.00 | 21.89 -0.02 0.00 | 21.58 -0.06 0.00 | 21.21 -0.04 0.00 | 22.04 0.00 0.00 | 22.55 0.16 0.00 | 28.94 0.40 0.00 | 30.80 0.49 0.00 | 30.48 0.71 0.00 | 28.26 0.64 0.00 | 28.25 0.42 0.00 | 28.96 0.51 0.00 | 30.11 0.42 0.00 | 31.51 0.50 0.00 | 32.33 0.51 0.00 | 33.26 0.43 0.00 | 38.76 0.54 0.00 | 43.73 0.65 0.00 | 44.80 0.92 0.00 | 41.22 0.93 0.00 | 39.87 0.97 0.00 | 33.09 0.93 0.00 | 29.12 0.79 0.00 | 25.80 0.60 0.00 |
| FOX_HILLS___ESR 323835 | 26.31 2.08 -0.01 | 23.51 1.60 0.00 | 23.20 1.56 0.00 | 22.70 1.45 0.00 | 23.54 1.50 0.00 | 23.88 1.48 0.00 | 30.59 2.03 -0.02 | 33.48 2.18 -0.98 | 34.83 2.02 -3.03 | 33.85 1.71 -4.51 | 34.79 1.78 -5.18 | 36.89 1.76 -6.68 | 37.30 1.93 -5.67 | 37.30 2.02 -4.27 | 37.31 2.07 -3.41 | 37.65 2.27 -2.56 | 37.52 2.60 3.31 | 38.62 3.45 7.91 | 38.65 3.38 8.61 | 37.40 3.14 6.03 | 37.34 2.88 4.43 | 34.45 2.28 -0.02 | 30.32 1.98 -0.01 | 27.09 1.89 -0.01 |
| FPL FAR_ROCK_GT1 24212 | 30.14 2.40 -3.53 | 26.46 1.97 -2.58 | 26.20 1.95 -2.61 | 25.76 1.85 -2.66 | 25.58 1.92 -1.62 | 29.61 1.99 -5.22 | 33.00 2.66 -1.80 | 34.67 2.91 -1.45 | 34.09 2.83 -1.49 | 32.07 2.49 -1.96 | 32.48 2.62 -2.04 | 33.62 2.62 -2.56 | 33.00 2.79 -0.51 | 34.29 2.88 -0.38 | 35.24 2.96 -0.45 | 35.95 3.12 0.00 | 41.67 3.44 0.00 | 49.52 4.65 -1.78 | 48.53 4.65 0.00 | 44.60 4.31 0.00 | 42.90 4.01 0.00 | 37.04 3.18 -1.70 | 32.63 2.63 -1.67 | 31.10 2.32 -3.59 |

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| FPL FAR_ROCK_GT2 23815 | 30.14 2.40 -3.53 | 26.46 1.97 -2.58 | 26.20 1.95 -2.61 | 25.76 1.85 -2.66 | 25.58 1.92 -1.62 | 29.61 1.99 -5.22 | 33.00 2.66 -1.80 | 34.67 2.91 -1.45 | 34.09 2.83 -1.49 | 32.07 2.49 -1.96 | 32.48 2.62 -2.04 | 33.62 2.62 -2.56 | 33.00 2.79 -0.51 | 34.29 2.88 -0.38 | 35.24 2.96 -0.45 | 35.95 3.12 0.00 | 41.67 3.44 0.00 | 49.52 4.65 -1.78 | 48.53 4.65 0.00 | 44.60 4.31 0.00 | 42.90 4.01 0.00 | 37.04 3.18 -1.70 | 32.63 2.63 -1.67 | 31.10 2.32 -3.59 |
| FRANKLIN_FALL_HYD 24054 | 23.40 -0.82 0.00 | 21.41 -0.50 0.00 | 21.06 -0.58 0.00 | 20.79 -0.47 0.00 | 21.58 -0.46 0.00 | 21.97 -0.43 0.00 | 28.29 -0.26 0.00 | 30.13 -0.18 0.00 | 29.44 -0.33 0.00 | 27.46 -0.17 0.00 | 27.83 0.00 0.00 | 28.50 0.06 0.00 | 29.70 0.00 0.00 | 30.98 -0.03 0.00 | 31.82 0.00 0.00 | 32.70 -0.13 0.00 | 38.19 -0.04 0.00 | 42.82 -0.26 0.00 | 43.48 -0.39 0.00 | 39.85 -0.44 0.00 | 38.70 -0.19 0.00 | 32.03 -0.13 0.00 | 28.04 -0.28 0.00 | 25.09 -0.10 0.00 |
| FREEPORT_EQUS_GT1 23764 | 29.97 2.23 -3.53 | 26.33 1.84 -2.58 | 26.07 1.82 -2.61 | 25.64 1.72 -2.66 | 25.45 1.78 -1.62 | 29.46 1.84 -5.22 | 32.83 2.48 -1.80 | 34.45 2.70 -1.45 | 33.88 2.62 -1.49 | 31.85 2.27 -1.96 | 32.23 2.36 -2.04 | 33.34 2.33 -2.56 | 32.70 2.49 -0.51 | 34.01 2.61 -0.38 | 34.95 2.67 -0.45 | 35.69 2.86 0.00 | 41.32 3.10 0.00 | 49.17 4.31 -1.78 | 48.18 4.30 0.00 | 44.24 3.95 0.00 | 42.59 3.70 0.00 | 36.72 2.86 -1.70 | 32.40 2.41 -1.67 | 30.90 2.12 -3.59 |
| FREEPORT___CT2 23818 | 29.97 2.23 -3.53 | 26.33 1.84 -2.58 | 26.07 1.82 -2.61 | 25.64 1.72 -2.66 | 25.45 1.78 -1.62 | 29.46 1.84 -5.22 | 32.83 2.48 -1.80 | 34.45 2.70 -1.45 | 33.88 2.62 -1.49 | 31.85 2.27 -1.96 | 32.23 2.36 -2.04 | 33.34 2.33 -2.56 | 32.70 2.49 -0.51 | 34.01 2.61 -0.38 | 34.95 2.67 -0.45 | 35.69 2.86 0.00 | 41.32 3.10 0.00 | 49.17 4.31 -1.78 | 48.18 4.30 0.00 | 44.24 3.95 0.00 | 42.59 3.70 0.00 | 36.72 2.86 -1.70 | 32.40 2.41 -1.67 | 30.90 2.12 -3.59 |
| FRESHKLS_33_KV_LOAD 356253 | 26.38 2.16 -0.01 | 23.55 1.64 0.00 | 23.25 1.60 0.00 | 22.75 1.49 0.00 | 23.58 1.54 0.00 | 23.90 1.50 0.00 | 30.59 2.03 -0.02 | 33.48 2.18 -0.98 | 34.77 1.96 -3.03 | 33.80 1.66 -4.51 | 34.76 1.75 -5.18 | 36.84 1.71 -6.68 | 37.27 1.90 -5.67 | 37.27 1.99 -4.27 | 37.27 2.04 -3.41 | 37.59 2.20 -2.56 | 37.48 2.56 3.31 | 38.58 3.40 7.91 | 38.61 3.33 8.61 | 37.36 3.10 6.03 | 37.31 2.84 4.43 | 34.45 2.28 -0.02 | 30.35 2.01 -0.01 | 27.14 1.94 -0.01 |
| FULTON COGEN____ 23766 | 23.81 -0.41 0.00 | 21.54 -0.37 0.00 | 21.28 -0.37 0.00 | 20.90 -0.36 0.00 | 21.67 -0.37 0.00 | 22.08 -0.31 0.00 | 28.06 -0.49 0.00 | 29.80 -0.52 0.00 | 30.13 0.36 0.00 | 27.98 0.36 0.00 | 28.03 0.19 0.00 | 28.73 0.28 0.00 | 30.00 0.30 0.00 | 31.39 0.37 0.00 | 32.17 0.35 0.00 | 32.90 0.07 0.00 | 38.23 0.00 0.00 | 42.95 -0.13 0.00 | 43.79 -0.09 0.00 | 40.25 -0.04 0.00 | 38.82 -0.08 0.00 | 32.31 0.16 0.00 | 28.55 0.23 0.00 | 25.34 0.15 0.00 |
| FULTON___LFGE 323630 | 26.16 1.94 0.00 | 23.68 1.77 0.00 | 23.33 1.69 0.00 | 22.92 1.66 0.00 | 23.80 1.76 0.00 | 24.25 1.86 0.00 | 31.08 2.54 0.00 | 32.86 2.55 0.00 | 32.06 2.29 0.00 | 29.37 1.74 0.00 | 29.42 1.59 0.00 | 30.04 1.59 0.00 | 31.39 1.69 0.00 | 32.75 1.74 0.00 | 33.63 1.81 0.00 | 35.00 2.17 0.00 | 41.25 3.02 0.00 | 47.09 4.01 0.00 | 48.05 4.17 0.00 | 44.12 3.83 0.00 | 42.35 3.46 0.00 | 34.92 2.77 0.00 | 30.68 2.35 0.00 | 27.21 2.02 0.00 |
| G.F.CEMENT___DRP 24184 | 26.04 1.82 0.00 | 23.55 1.64 0.00 | 23.22 1.58 0.00 | 22.77 1.51 0.00 | 23.63 1.59 0.00 | 24.08 1.68 0.00 | 30.83 2.28 0.00 | 32.68 2.36 0.00 | 32.00 2.23 0.00 | 29.53 1.91 0.00 | 29.72 1.89 0.00 | 30.32 1.88 0.00 | 31.66 1.96 0.00 | 33.00 1.99 0.00 | 33.79 1.97 0.00 | 35.00 2.17 0.00 | 40.87 2.64 0.00 | 46.75 3.66 0.00 | 47.69 3.82 0.00 | 43.80 3.51 0.00 | 42.01 3.11 0.00 | 34.63 2.48 0.00 | 30.42 2.10 0.00 | 27.06 1.86 0.00 |
| GARDENVILLE___LBMP 24039 | 23.76 -0.46 0.00 | 21.41 -0.50 0.00 | 20.99 -0.65 0.00 | 20.68 -0.57 0.00 | 21.47 -0.57 0.00 | 22.04 -0.36 0.00 | 27.80 -0.74 0.00 | 29.31 -1.00 0.00 | 29.26 -0.51 0.00 | 27.57 -0.06 0.00 | 27.66 -0.17 0.00 | 28.56 0.11 0.00 | 29.46 -0.24 0.00 | 30.98 -0.03 0.00 | 31.76 -0.06 0.00 | 32.28 -0.56 0.00 | 37.23 -0.99 0.00 | 40.97 -2.11 0.00 | 41.95 -1.93 0.00 | 38.64 -1.65 0.00 | 37.22 -1.67 0.00 | 30.87 -1.29 0.00 | 28.27 -0.06 0.00 | 25.02 -0.18 0.00 |
| GARDNVLA_35_KV_LD 355827 | 23.86 -0.36 0.00 | 21.49 -0.42 0.00 | 21.08 -0.56 0.00 | 20.79 -0.47 0.00 | 21.58 -0.46 0.00 | 22.15 -0.25 0.00 | 27.95 -0.60 0.00 | 29.43 -0.88 0.00 | 29.38 -0.39 0.00 | 27.71 0.08 0.00 | 27.80 -0.03 0.00 | 28.70 0.26 0.00 | 29.61 -0.09 0.00 | 31.17 0.16 0.00 | 31.95 0.13 0.00 | 32.44 -0.39 0.00 | 37.42 -0.80 0.00 | 41.19 -1.90 0.00 | 42.12 -1.76 0.00 | 38.80 -1.49 0.00 | 37.38 -1.52 0.00 | 31.00 -1.16 0.00 | 28.41 0.08 0.00 | 25.14 -0.05 0.00 |
| GELCKHM___115KV_LOAD 80723 | 23.91 -0.31 0.00 | 21.62 -0.28 0.00 | 21.34 -0.30 0.00 | 20.96 -0.30 0.00 | 21.73 -0.31 0.00 | 22.15 -0.25 0.00 | 28.15 -0.40 0.00 | 29.89 -0.42 0.00 | 29.59 -0.18 0.00 | 27.46 -0.17 0.00 | 27.58 -0.25 0.00 | 28.25 -0.20 0.00 | 29.49 -0.21 0.00 | 30.83 -0.19 0.00 | 31.63 -0.19 0.00 | 32.54 -0.30 0.00 | 37.81 -0.42 0.00 | 42.52 -0.56 0.00 | 43.31 -0.57 0.00 | 39.81 -0.48 0.00 | 38.35 -0.54 0.00 | 31.77 -0.39 0.00 | 28.07 -0.25 0.00 | 24.89 -0.30 0.00 |
| GENERAL___MILLS 23808 | 23.83 -0.39 0.00 | 21.47 -0.44 0.00 | 21.06 -0.58 0.00 | 20.77 -0.49 0.00 | 21.56 -0.48 0.00 | 22.11 -0.29 0.00 | 27.92 -0.63 0.00 | 29.40 -0.91 0.00 | 29.35 -0.42 0.00 | 27.65 0.03 0.00 | 27.78 -0.06 0.00 | 28.67 0.23 0.00 | 29.55 -0.15 0.00 | 31.11 0.09 0.00 | 31.89 0.06 0.00 | 32.37 -0.46 0.00 | 37.35 -0.88 0.00 | 41.10 -1.98 0.00 | 42.08 -1.80 0.00 | 38.76 -1.53 0.00 | 37.34 -1.56 0.00 | 30.96 -1.19 0.00 | 28.36 0.03 0.00 | 25.09 -0.10 0.00 |
| GE_PLASTICS___DRP 24183 | 24.97 0.75 0.00 | 22.57 0.66 0.00 | 22.31 0.67 0.00 | 21.89 0.64 0.00 | 22.70 0.66 0.00 | 23.05 0.65 0.00 | 29.43 0.88 0.00 | 31.19 0.88 0.00 | 30.48 0.71 0.00 | 28.15 0.52 0.00 | 28.39 0.56 0.00 | 28.90 0.46 0.00 | 30.20 0.50 0.00 | 31.51 0.50 0.00 | 32.33 0.51 0.00 | 33.49 0.66 0.00 | 39.03 0.80 0.00 | 44.46 1.38 0.00 | 45.32 1.45 0.00 | 41.62 1.33 0.00 | 40.02 1.13 0.00 | 33.05 0.90 0.00 | 29.04 0.71 0.00 | 25.87 0.68 0.00 |
| GILBOA___1 23756 | 25.04 0.82 0.00 | 22.68 0.77 0.00 | 22.49 0.84 0.00 | 22.06 0.81 0.00 | 22.88 0.84 0.00 | 23.09 0.70 0.00 | 29.46 0.91 0.00 | 31.28 0.97 0.00 | 30.69 0.92 0.00 | 28.37 0.75 0.00 | 28.58 0.75 0.00 | 29.16 0.71 0.00 | 30.47 0.77 0.00 | 31.82 0.81 0.00 | 32.65 0.83 0.00 | 33.75 0.92 0.00 | 39.26 1.03 0.00 | 44.55 1.47 0.00 | 45.37 1.49 0.00 | 41.70 1.41 0.00 | 40.14 1.24 0.00 | 33.18 1.03 0.00 | 29.18 0.85 0.00 | 25.95 0.76 0.00 |
| GILBOA___2 23757 | 25.04 0.82 0.00 | 22.68 0.77 0.00 | 22.49 0.84 0.00 | 22.06 0.81 0.00 | 22.88 0.84 0.00 | 23.09 0.70 0.00 | 29.46 0.91 0.00 | 31.28 0.97 0.00 | 30.69 0.92 0.00 | 28.37 0.75 0.00 | 28.58 0.75 0.00 | 29.16 0.71 0.00 | 30.47 0.77 0.00 | 31.82 0.81 0.00 | 32.65 0.83 0.00 | 33.75 0.92 0.00 | 39.26 1.03 0.00 | 44.55 1.47 0.00 | 45.37 1.49 0.00 | 41.70 1.41 0.00 | 40.14 1.24 0.00 | 33.18 1.03 0.00 | 29.18 0.85 0.00 | 25.95 0.76 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GILBOA___3 23758 | 25.04 0.82 0.00 | 22.68 0.77 0.00 | 22.49 0.84 0.00 | 22.06 0.81 0.00 | 22.88 0.84 0.00 | 23.09 0.70 0.00 | 29.46 0.91 0.00 | 31.28 0.97 0.00 | 30.69 0.92 0.00 | 28.37 0.75 0.00 | 28.58 0.75 0.00 | 29.16 0.71 0.00 | 30.47 0.77 0.00 | 31.82 0.81 0.00 | 32.65 0.83 0.00 | 33.75 0.92 0.00 | 39.26 1.03 0.00 | 44.55 1.47 0.00 | 45.37 1.49 0.00 | 41.70 1.41 0.00 | 40.14 1.24 0.00 | 33.18 1.03 0.00 | 29.18 0.85 0.00 | 25.95 0.76 0.00 |
| GILBOA___4 23759 | 25.04 0.82 0.00 | 22.68 0.77 0.00 | 22.49 0.84 0.00 | 22.06 0.81 0.00 | 22.88 0.84 0.00 | 23.09 0.70 0.00 | 29.46 0.91 0.00 | 31.28 0.97 0.00 | 30.69 0.92 0.00 | 28.37 0.75 0.00 | 28.58 0.75 0.00 | 29.16 0.71 0.00 | 30.47 0.77 0.00 | 31.82 0.81 0.00 | 32.65 0.83 0.00 | 33.75 0.92 0.00 | 39.26 1.03 0.00 | 44.55 1.47 0.00 | 45.37 1.49 0.00 | 41.70 1.41 0.00 | 40.14 1.24 0.00 | 33.18 1.03 0.00 | 29.18 0.85 0.00 | 25.95 0.76 0.00 |
| GILBOA___ 23599 | 25.04 0.82 0.00 | 22.68 0.77 0.00 | 22.49 0.84 0.00 | 22.06 0.81 0.00 | 22.88 0.84 0.00 | 23.09 0.69 0.00 | 29.46 0.91 0.00 | 31.28 0.97 0.00 | 30.69 0.92 0.00 | 28.37 0.75 0.00 | 28.58 0.75 0.00 | 29.16 0.71 0.00 | 30.47 0.77 0.00 | 31.82 0.81 0.00 | 32.65 0.83 0.00 | 33.75 0.92 0.00 | 39.26 1.03 0.00 | 44.55 1.46 0.00 | 45.37 1.49 0.00 | 41.70 1.41 0.00 | 40.10 1.21 0.00 | 33.18 1.03 0.00 | 29.18 0.85 0.00 | 25.97 0.78 0.00 |
| GINNA___ 23603 | 22.77 -1.45 0.00 | 20.55 -1.36 0.00 | 20.19 -1.45 0.00 | 19.88 -1.38 0.00 | 20.61 -1.43 0.00 | 21.10 -1.30 0.00 | 26.75 -1.80 0.00 | 28.37 -1.94 0.00 | 28.25 -1.52 0.00 | 26.46 -1.16 0.00 | 26.52 -1.31 0.00 | 27.39 -1.05 0.00 | 28.39 -1.31 0.00 | 29.71 -1.30 0.00 | 30.39 -1.43 0.00 | 31.00 -1.84 0.00 | 35.78 -2.45 0.00 | 39.90 -3.19 0.00 | 40.68 -3.20 0.00 | 37.39 -2.90 0.00 | 35.74 -3.15 0.00 | 29.90 -2.25 0.00 | 26.97 -1.36 0.00 | 24.03 -1.16 0.00 |
| GLEN PARK___ 23778 | 24.27 0.05 0.00 | 22.04 0.13 0.00 | 21.71 0.07 0.00 | 21.36 0.11 0.00 | 22.22 0.18 0.00 | 22.71 0.31 0.00 | 29.17 0.63 0.00 | 31.01 0.70 0.00 | 30.69 0.92 0.00 | 28.45 0.83 0.00 | 28.42 0.59 0.00 | 29.13 0.68 0.00 | 30.29 0.59 0.00 | 31.67 0.65 0.00 | 32.49 0.67 0.00 | 33.49 0.66 0.00 | 39.07 0.84 0.00 | 44.07 0.99 0.00 | 45.19 1.32 0.00 | 41.58 1.29 0.00 | 40.18 1.28 0.00 | 33.34 1.19 0.00 | 29.35 1.02 0.00 | 26.02 0.83 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 26.21 1.99 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.70 1.45 0.00 | 23.54 1.50 0.00 | 23.94 1.55 0.00 | 30.70 2.14 -0.02 | 33.69 2.39 -0.98 | 35.12 2.32 -3.03 | 34.13 1.99 -4.51 | 35.07 2.06 -5.18 | 37.15 2.02 -6.68 | 43.45 2.20 -11.55 | 43.27 2.30 -9.96 | 43.16 2.35 -8.99 | 43.01 2.53 -7.64 | 45.13 2.94 -3.96 | 46.93 3.83 -0.02 | 47.69 3.82 0.00 | 43.80 3.51 -0.01 | 42.90 3.19 -0.82 | 34.65 2.48 -0.02 | 30.40 2.07 -0.01 | 27.09 1.89 -0.01 |
| GLENWOOD_IC_1_G5 23712 | 30.00 2.25 -3.53 | 26.33 1.84 -2.58 | 26.07 1.82 -2.61 | 25.64 1.72 -2.66 | 25.45 1.79 -1.62 | 29.48 1.86 -5.22 | 32.86 2.51 -1.80 | 34.52 2.76 -1.45 | 33.94 2.68 -1.49 | 31.90 2.32 -1.96 | 32.29 2.42 -2.04 | 33.42 2.42 -2.56 | 32.79 2.58 -0.51 | 34.10 2.70 -0.38 | 35.04 2.77 -0.45 | 35.76 2.92 0.00 | 41.44 3.21 0.00 | 48.91 4.05 -1.78 | 47.87 3.99 0.00 | 43.96 3.67 0.00 | 42.12 3.23 0.00 | 36.78 2.93 -1.70 | 32.40 2.41 -1.67 | 30.98 2.19 -3.59 |
| GLENWOOD_IC_2_G1 23688 | 29.93 2.18 -3.53 | 26.26 1.77 -2.58 | 26.00 1.75 -2.61 | 25.59 1.68 -2.66 | 25.40 1.74 -1.62 | 29.41 1.79 -5.22 | 32.77 2.42 -1.80 | 34.43 2.67 -1.45 | 33.85 2.59 -1.49 | 31.82 2.24 -1.96 | 32.18 2.31 -2.04 | 33.31 2.30 -2.56 | 32.67 2.46 -0.51 | 33.94 2.54 -0.38 | 34.92 2.64 -0.45 | 35.62 2.79 0.00 | 41.32 3.10 0.00 | 49.00 4.14 -1.78 | 47.96 4.08 0.00 | 44.08 3.79 0.00 | 42.43 3.54 0.00 | 36.65 2.80 -1.70 | 32.32 2.32 -1.67 | 30.85 2.07 -3.59 |
| GLENWOOD_IC_3_G1 23689 | 29.93 2.18 -3.53 | 26.26 1.77 -2.58 | 26.00 1.75 -2.61 | 25.59 1.68 -2.66 | 25.40 1.74 -1.62 | 29.41 1.79 -5.22 | 32.77 2.42 -1.80 | 34.43 2.67 -1.45 | 33.85 2.59 -1.49 | 31.82 2.24 -1.96 | 32.18 2.31 -2.04 | 33.31 2.30 -2.56 | 32.67 2.46 -0.51 | 33.94 2.54 -0.38 | 34.92 2.64 -0.45 | 35.62 2.79 0.00 | 41.32 3.10 0.00 | 49.00 4.14 -1.78 | 47.96 4.08 0.00 | 44.08 3.79 0.00 | 42.43 3.54 0.00 | 36.65 2.80 -1.70 | 32.32 2.32 -1.67 | 30.85 2.07 -3.59 |
| GLENWOOD___4 23550 | 30.00 2.25 -3.53 | 26.33 1.84 -2.58 | 26.07 1.82 -2.61 | 25.64 1.72 -2.66 | 25.45 1.79 -1.62 | 29.48 1.86 -5.22 | 32.86 2.51 -1.80 | 34.52 2.76 -1.45 | 33.94 2.68 -1.49 | 31.90 2.32 -1.96 | 32.29 2.42 -2.04 | 33.42 2.42 -2.56 | 32.79 2.58 -0.51 | 34.10 2.70 -0.38 | 35.04 2.77 -0.45 | 35.76 2.92 0.00 | 41.44 3.21 0.00 | 49.00 4.14 -1.78 | 48.00 4.12 0.00 | 44.08 3.79 0.00 | 42.24 3.34 0.00 | 36.78 2.93 -1.70 | 32.40 2.41 -1.67 | 30.98 2.19 -3.59 |
| GLENWOOD___5 23614 | 30.00 2.25 -3.53 | 26.33 1.84 -2.58 | 26.07 1.82 -2.61 | 25.64 1.72 -2.66 | 25.45 1.79 -1.62 | 29.48 1.86 -5.22 | 32.86 2.51 -1.80 | 34.52 2.76 -1.45 | 33.94 2.68 -1.49 | 31.90 2.32 -1.96 | 32.29 2.42 -2.04 | 33.42 2.42 -2.56 | 32.79 2.58 -0.51 | 34.10 2.70 -0.38 | 35.04 2.77 -0.45 | 35.76 2.92 0.00 | 41.44 3.21 0.00 | 49.00 4.14 -1.78 | 48.00 4.12 0.00 | 44.08 3.79 0.00 | 42.24 3.34 0.00 | 36.78 2.93 -1.70 | 32.40 2.41 -1.67 | 30.98 2.19 -3.59 |
| GLOBAL GREEN_PORT_GT1 23814 | 28.81 1.06 -3.53 | 25.30 0.81 -2.58 | 25.09 0.84 -2.61 | 24.74 0.83 -2.66 | 24.52 0.86 -1.62 | 23.96 0.72 -0.84 | 27.77 1.14 1.92 | 33.21 1.45 -1.45 | 32.57 1.31 -1.49 | 24.13 0.94 4.43 | 30.93 1.06 -2.04 | 31.85 1.02 -2.38 | 24.67 1.10 6.13 | 31.09 1.18 1.10 | 31.08 1.27 2.02 | 25.98 1.44 8.30 | 40.02 1.80 0.00 | 48.27 3.40 -1.78 | 47.26 3.38 0.00 | 43.35 3.06 0.00 | 42.20 3.30 0.00 | 35.72 1.86 -1.70 | 31.38 1.39 -1.67 | 29.87 1.08 -3.59 |
| GLOBE___DSASP 323697 | 22.94 -1.28 0.00 | 20.68 -1.23 0.00 | 20.28 -1.36 0.00 | 19.98 -1.28 0.00 | 20.72 -1.32 0.00 | 21.25 -1.14 0.00 | 26.72 -1.83 0.00 | 28.13 -2.18 0.00 | 28.16 -1.61 0.00 | 26.55 -1.08 0.00 | 26.63 -1.20 0.00 | 27.51 -0.94 0.00 | 28.30 -1.40 0.00 | 29.71 -1.30 0.00 | 30.36 -1.46 0.00 | 30.83 -2.00 0.00 | 35.55 -2.68 0.00 | 39.12 -3.96 0.00 | 39.97 -3.91 0.00 | 36.83 -3.47 0.00 | 35.67 -3.23 0.00 | 29.58 -2.57 0.00 | 27.28 -1.05 0.00 | 24.08 -1.11 0.00 |
| GOETHSLN___LBMP 323567 | 26.00 1.77 -0.01 | 23.29 1.38 0.00 | 23.01 1.36 0.00 | 22.55 1.30 0.00 | 23.36 1.32 0.00 | 23.81 1.41 0.00 | 30.56 2.00 -0.02 | 33.45 2.18 -0.95 | 34.82 2.11 -2.94 | 33.80 1.80 -4.38 | 34.69 1.84 -5.02 | 36.69 1.76 -6.48 | 42.80 1.90 -11.20 | 42.63 1.95 -9.66 | 42.58 2.04 -8.72 | 42.45 2.20 -7.42 | 44.63 2.56 -3.84 | 46.50 3.40 -0.02 | 47.26 3.38 0.00 | 43.40 3.10 -0.01 | 42.53 2.84 -0.79 | 34.45 2.28 -0.02 | 30.21 1.87 -0.01 | 26.89 1.69 -0.01 |
| GOLAH___69_KV_TB 1_2 80279 | 23.76 -0.46 0.00 | 21.43 -0.48 0.00 | 21.04 -0.61 0.00 | 20.73 -0.53 0.00 | 21.51 -0.53 0.00 | 22.04 -0.36 0.00 | 27.86 -0.69 0.00 | 29.49 -0.82 0.00 | 29.38 -0.39 0.00 | 27.57 -0.06 0.00 | 27.64 -0.19 0.00 | 28.50 0.06 0.00 | 29.43 -0.27 0.00 | 30.83 -0.19 0.00 | 31.54 -0.29 0.00 | 32.11 -0.72 0.00 | 37.04 -1.19 0.00 | 41.19 -1.90 0.00 | 42.08 -1.80 0.00 | 38.84 -1.45 0.00 | 37.53 -1.36 0.00 | 31.06 -1.09 0.00 | 28.13 -0.20 0.00 | 24.79 -0.40 0.00 |

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|--|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOODYEAR_LAKE_HYD 323669 | 25.36 1.14 0.00 | 22.96 1.05 0.00 | 22.68 1.04 0.00 | 22.28 1.02 0.00 | 23.14 1.10 0.00 | 23.49 1.10 0.00 | 30.06 1.51 0.00 | 31.92 1.61 0.00 | 31.32 1.55 0.00 | 28.98 1.35 0.00 | 29.08 1.25 0.00 | 29.78 1.34 0.00 | 31.12 1.43 0.00 | 32.47 1.46 0.00 | 33.32 1.50 0.00 | 34.44 1.61 0.00 | 40.22 1.99 0.00 | 45.50 2.41 0.00 | 46.42 2.54 0.00 | 42.63 2.34 0.00 | 41.03 2.14 0.00 | 33.86 1.70 0.00 | 29.83 1.50 0.00 | 26.45 1.26 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 24.39 0.17 0.00 | 22.02 0.11 0.00 | 21.73 0.09 0.00 | 21.36 0.11 0.00 | 22.15 0.11 0.00 | 22.58 0.18 0.00 | 28.69 0.14 0.00 | 30.46 0.15 0.00 | 30.13 0.36 0.00 | 27.98 0.36 0.00 | 28.11 0.28 0.00 | 28.82 0.37 0.00 | 30.02 0.33 0.00 | 31.45 0.43 0.00 | 32.30 0.48 0.00 | 33.23 0.39 0.00 | 38.61 0.38 0.00 | 43.30 0.22 0.00 | 44.18 0.31 0.00 | 40.65 0.36 0.00 | 39.05 0.16 0.00 | 32.35 0.19 0.00 | 28.70 0.37 0.00 | 25.47 0.28 0.00 |
| GOUDEY___7 23579 | 24.39 0.17 0.00 | 22.02 0.11 0.00 | 21.73 0.09 0.00 | 21.36 0.11 0.00 | 22.15 0.11 0.00 | 22.58 0.18 0.00 | 28.69 0.14 0.00 | 30.46 0.15 0.00 | 30.13 0.36 0.00 | 27.98 0.36 0.00 | 28.11 0.28 0.00 | 28.82 0.37 0.00 | 30.02 0.33 0.00 | 31.45 0.43 0.00 | 32.30 0.48 0.00 | 33.23 0.39 0.00 | 38.61 0.38 0.00 | 43.30 0.22 0.00 | 44.18 0.31 0.00 | 40.65 0.36 0.00 | 39.05 0.16 0.00 | 32.35 0.19 0.00 | 28.70 0.37 0.00 | 25.47 0.28 0.00 |
| GOUDEY___8 23580 | 24.39 0.17 0.00 | 22.02 0.11 0.00 | 21.73 0.09 0.00 | 21.36 0.11 0.00 | 22.15 0.11 0.00 | 22.58 0.18 0.00 | 28.69 0.14 0.00 | 30.46 0.15 0.00 | 30.13 0.36 0.00 | 27.98 0.36 0.00 | 28.11 0.28 0.00 | 28.82 0.37 0.00 | 30.02 0.33 0.00 | 31.45 0.43 0.00 | 32.30 0.48 0.00 | 33.23 0.39 0.00 | 38.61 0.38 0.00 | 43.30 0.22 0.00 | 44.18 0.31 0.00 | 40.65 0.36 0.00 | 39.05 0.16 0.00 | 32.35 0.19 0.00 | 28.70 0.37 0.00 | 25.47 0.28 0.00 |
| GOWANUS_GT1_1 24077 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT1_2 24078 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 0.00 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT1_3 24079 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT1_4 24080 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT1_5 24084 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT1_6 24111 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT1_7 24112 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT1_8 24113 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT2_1 24114 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| GOWANUS_GT2_2 24115 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| GOWANUS_GT2_3 24116 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| GOWANUS_GT2_4 24117 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT2_5 24118 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT2_6 24119 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT2_7 24120 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT2_8 24121 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT3_1 24122 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT3_2 24123 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT3_3 24124 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT3_4 24125 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT3_5 24126 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT3_6 24127 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT3_7 24128 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT3_8 24129 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.87 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.04 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.90 | 34.55 | 30.38 | 27.04 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.19 | 2.38 | 2.04 | 1.84 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT4_1 24130 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.88 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.03 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.78 | 34.55 | 30.38 | 27.09 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.07 | 2.38 | 2.04 | 1.89 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |
| GOWANUS_GT4_2 24131 | 26.24 | 23.49 | 23.18 | 22.68 | 23.52 | 23.88 | 30.64 | 33.60 | 35.00 | 34.02 | 34.96 | 37.03 | 43.36 | 43.18 | 43.07 | 42.91 | 45.01 | 46.76 | 47.52 | 43.64 | 42.78 | 34.55 | 30.38 | 27.09 |
| | 2.01 | 1.58 | 1.54 | 1.42 | 1.48 | 1.48 | 2.08 | 2.30 | 2.20 | 1.88 | 1.95 | 1.91 | 2.11 | 2.20 | 2.26 | 2.43 | 2.83 | 3.66 | 3.64 | 3.34 | 3.07 | 2.38 | 2.04 | 1.89 |
| | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | -0.98 | -3.03 | -4.51 | -5.18 | -6.68 | -11.55 | -9.96 | -8.99 | -7.64 | -3.96 | -0.02 | 0.00 | -0.01 | -0.82 | -0.02 | -0.01 | -0.01 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_3 24132 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT4_4 24133 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT4_5 24134 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT4_6 24135 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT4_7 24136 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GOWANUS_GT4_8 24137 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GREENBSH_115KV_TB3 55895 | 24.90 0.68 0.00 | 22.50 0.59 0.00 | 22.25 0.61 0.00 | 21.83 0.57 0.00 | 22.63 0.60 0.00 | 22.98 0.58 0.00 | 29.37 0.83 0.00 | 31.13 0.82 0.00 | 30.43 0.65 0.00 | 28.09 0.47 0.00 | 28.33 0.50 0.00 | 28.85 0.40 0.00 | 30.14 0.45 0.00 | 31.45 0.43 0.00 | 32.27 0.45 0.00 | 33.39 0.56 0.00 | 38.95 0.73 0.00 | 44.42 1.34 0.00 | 45.24 1.36 0.00 | 41.54 1.25 0.00 | 39.91 1.01 0.00 | 32.99 0.84 0.00 | 28.95 0.62 0.00 | 25.82 0.63 0.00 |
| GREENDGE_115KV_TB5 80291 | 24.17 -0.05 0.00 | 21.80 -0.11 0.00 | 21.49 -0.15 0.00 | 21.13 -0.13 0.00 | 21.95 -0.09 0.00 | 22.49 0.09 0.00 | 28.52 -0.03 0.00 | 30.46 0.15 0.00 | 30.25 0.48 0.00 | 28.23 0.61 0.00 | 28.19 0.36 0.00 | 29.02 0.57 0.00 | 30.17 0.48 0.00 | 31.67 0.65 0.00 | 32.46 0.64 0.00 | 33.29 0.46 0.00 | 38.30 0.08 0.00 | 42.74 -0.34 0.00 | 43.66 -0.22 0.00 | 40.17 -0.12 0.00 | 38.58 -0.31 0.00 | 32.19 0.03 0.00 | 28.75 0.42 0.00 | 25.50 0.30 0.00 |
| GREENIDGE___3 23582 | 24.17 -0.05 0.00 | 21.80 -0.11 0.00 | 21.49 -0.15 0.00 | 21.13 -0.13 0.00 | 21.95 -0.09 0.00 | 22.49 0.09 0.00 | 28.52 -0.03 0.00 | 30.46 0.15 0.00 | 30.25 0.48 0.00 | 28.23 0.61 0.00 | 28.19 0.36 0.00 | 29.02 0.57 0.00 | 30.17 0.48 0.00 | 31.67 0.65 0.00 | 32.46 0.64 0.00 | 33.29 0.46 0.00 | 38.30 0.08 0.00 | 42.74 -0.34 0.00 | 43.66 -0.22 0.00 | 40.17 -0.12 0.00 | 38.58 -0.31 0.00 | 32.19 0.03 0.00 | 28.75 0.42 0.00 | 25.50 0.30 0.00 |
| GREENIDGE___4 23583 | 24.17 -0.05 0.00 | 21.80 -0.11 0.00 | 21.49 -0.15 0.00 | 21.13 -0.13 0.00 | 21.95 -0.09 0.00 | 22.49 0.09 0.00 | 28.52 -0.03 0.00 | 30.46 0.15 0.00 | 30.25 0.47 0.00 | 28.23 0.61 0.00 | 28.19 0.36 0.00 | 29.02 0.57 0.00 | 30.17 0.47 0.00 | 31.67 0.65 0.00 | 32.46 0.64 0.00 | 33.29 0.46 0.00 | 38.30 0.08 0.00 | 42.74 -0.35 0.00 | 43.66 -0.22 0.00 | 40.13 -0.16 0.00 | 38.35 -0.54 0.00 | 32.19 0.03 0.00 | 28.75 0.43 0.00 | 25.67 0.48 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 30.02 2.28 -3.53 | 26.35 1.86 -2.58 | 26.11 1.86 -2.61 | 25.68 1.76 -2.66 | 25.49 1.83 -1.62 | 29.50 1.88 -5.22 | 32.91 2.57 -1.80 | 34.58 2.82 -1.45 | 33.97 2.71 -1.49 | 31.93 2.35 -1.96 | 32.26 2.39 -2.04 | 33.39 2.39 -2.56 | 32.73 2.52 -0.51 | 34.07 2.67 -0.38 | 35.04 2.77 -0.45 | 35.76 2.92 0.00 | 41.25 3.02 0.00 | 49.21 4.35 -1.78 | 48.18 4.30 0.00 | 44.28 3.99 0.00 | 42.43 3.54 0.00 | 36.75 2.89 -1.70 | 32.43 2.44 -1.67 | 31.00 2.22 -3.59 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |
| GRISSOM___SOLAR 323813 | 26.06 1.84 0.00 | 23.57 1.66 0.00 | 23.25 1.60 0.00 | 22.81 1.55 0.00 | 23.69 1.65 0.00 | 24.15 1.75 0.00 | 30.94 2.40 0.00 | 32.71 2.39 0.00 | 31.94 2.17 0.00 | 29.31 1.69 0.00 | 29.39 1.56 0.00 | 30.01 1.56 0.00 | 31.36 1.66 0.00 | 32.72 1.70 0.00 | 33.57 1.75 0.00 | 34.90 2.07 0.00 | 41.06 2.83 0.00 | 46.83 3.75 0.00 | 47.83 3.95 0.00 | 43.88 3.58 0.00 | 42.12 3.23 0.00 | 34.73 2.57 0.00 | 30.51 2.18 0.00 | 27.08 1.89 0.00 |
| GROVEVILLE___HYD 323602 | 25.92 1.70 0.00 | 23.31 1.40 0.00 | 23.03 1.39 0.00 | 22.58 1.32 0.00 | 23.41 1.37 0.00 | 23.81 1.41 0.00 | 30.43 1.88 0.00 | 32.31 2.00 0.00 | 31.74 1.96 0.00 | 29.23 1.60 0.00 | 29.50 1.67 0.00 | 30.04 1.59 0.00 | 31.51 1.81 0.00 | 32.85 1.83 0.00 | 33.73 1.91 0.00 | 34.97 2.13 0.00 | 40.71 2.48 0.00 | 46.40 3.32 0.00 | 47.26 3.38 0.00 | 43.39 3.10 0.00 | 41.66 2.76 0.00 | 34.28 2.12 0.00 | 30.08 1.76 0.00 | 26.81 1.61 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 24.03 -0.19 0.00 | 21.73 -0.18 0.00 | 21.45 -0.19 0.00 | 21.09 -0.17 0.00 | 21.86 -0.18 0.00 | 22.29 -0.11 0.00 | 28.32 -0.23 0.00 | 30.07 -0.24 0.00 | 29.95 0.18 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.48 0.03 0.00 | 29.73 0.03 0.00 | 31.11 0.09 0.00 | 31.89 0.06 0.00 | 32.80 -0.03 0.00 | 38.07 -0.15 0.00 | 42.82 -0.26 0.00 | 43.61 -0.26 0.00 | 40.09 -0.20 0.00 | 38.62 -0.27 0.00 | 31.99 -0.16 0.00 | 28.27 -0.06 0.00 | 25.09 -0.10 0.00 |

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| HAMLTNNY_34_KV_TB 80303 | 24.03 -0.19 0.00 | 21.71 -0.20 0.00 | 21.45 -0.19 0.00 | 21.07 -0.19 0.00 | 21.84 -0.20 0.00 | 22.29 -0.11 0.00 | 28.32 -0.23 0.00 | 30.04 -0.27 0.00 | 29.95 0.18 0.00 | 27.62 0.00 0.00 | 27.72 -0.11 0.00 | 28.45 0.00 0.00 | 29.67 -0.03 0.00 | 31.02 0.00 0.00 | 31.82 0.00 0.00 | 32.70 -0.13 0.00 | 37.96 -0.27 0.00 | 42.70 -0.39 0.00 | 43.48 -0.39 0.00 | 39.97 -0.32 0.00 | 38.51 -0.39 0.00 | 31.86 -0.29 0.00 | 28.21 -0.11 0.00 | 25.02 -0.18 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 23.76 -0.46 0.00 | 21.62 -0.29 0.00 | 21.32 -0.32 0.00 | 20.98 -0.28 0.00 | 21.78 -0.26 0.00 | 22.20 -0.20 0.00 | 28.49 -0.06 0.00 | 30.31 0.00 0.00 | 29.74 -0.03 0.00 | 27.62 0.00 0.00 | 27.78 -0.06 0.00 | 28.45 0.00 0.00 | 29.58 -0.12 0.00 | 30.86 -0.15 0.00 | 31.66 -0.16 0.00 | 32.57 -0.26 0.00 | 37.96 -0.27 0.00 | 42.69 -0.39 0.00 | 43.62 -0.26 0.00 | 40.05 -0.24 0.00 | 38.89 0.00 0.00 | 32.25 0.10 0.00 | 28.33 0.00 0.00 | 25.29 0.10 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 24.05 -0.17 0.00 | 21.78 -0.13 0.00 | 21.51 -0.13 0.00 | 21.13 -0.13 0.00 | 21.93 -0.11 0.00 | 22.31 -0.09 0.00 | 28.52 -0.03 0.00 | 30.28 -0.03 0.00 | 29.74 -0.03 0.00 | 27.68 0.06 0.00 | 27.89 0.06 0.00 | 28.59 0.14 0.00 | 29.85 0.15 0.00 | 31.14 0.12 0.00 | 31.95 0.13 0.00 | 32.93 0.10 0.00 | 38.38 0.15 0.00 | 43.34 0.26 0.00 | 44.14 0.26 0.00 | 40.49 0.20 0.00 | 39.01 0.12 0.00 | 32.19 0.03 0.00 | 28.30 -0.03 0.00 | 25.09 -0.10 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 25.80 1.57 0.00 | 23.20 1.29 0.00 | 22.92 1.28 0.00 | 22.47 1.21 0.00 | 23.30 1.26 0.00 | 23.70 1.30 0.00 | 30.31 1.77 0.00 | 32.22 1.91 0.00 | 31.62 1.85 0.00 | 29.17 1.55 0.00 | 29.42 1.59 0.00 | 29.98 1.54 0.00 | 31.42 1.72 0.00 | 32.78 1.77 0.00 | 33.64 1.81 0.00 | 34.87 2.04 0.00 | 40.60 2.37 0.00 | 46.23 3.15 0.00 | 47.08 3.20 0.00 | 43.19 2.90 0.00 | 41.50 2.61 0.00 | 34.18 2.03 0.00 | 29.97 1.64 0.00 | 26.70 1.51 0.00 |
| HARSNRAD_115KV_TB1 81005 | 23.42 -0.80 0.00 | 21.10 -0.81 0.00 | 20.69 -0.95 0.00 | 20.41 -0.85 0.00 | 21.16 -0.88 0.00 | 21.73 -0.67 0.00 | 27.35 -1.20 0.00 | 28.86 -1.45 0.00 | 28.85 -0.92 0.00 | 27.18 -0.44 0.00 | 27.27 -0.56 0.00 | 28.16 -0.28 0.00 | 29.02 -0.68 0.00 | 30.49 -0.53 0.00 | 31.19 -0.64 0.00 | 31.65 -1.18 0.00 | 36.47 -1.76 0.00 | 40.15 -2.93 0.00 | 41.07 -2.81 0.00 | 37.87 -2.42 0.00 | 36.60 -2.29 0.00 | 30.32 -1.83 0.00 | 27.90 -0.42 0.00 | 24.64 -0.55 0.00 |
| HARZA MOOSE___RIVER 24016 | 24.37 0.15 0.00 | 22.11 0.20 0.00 | 21.80 0.15 0.00 | 21.43 0.17 0.00 | 22.26 0.22 0.00 | 22.69 0.29 0.00 | 29.06 0.51 0.00 | 30.89 0.58 0.00 | 30.34 0.57 0.00 | 28.18 0.55 0.00 | 28.28 0.45 0.00 | 28.99 0.54 0.00 | 30.23 0.53 0.00 | 31.70 0.68 0.00 | 32.52 0.70 0.00 | 33.56 0.72 0.00 | 39.11 0.88 0.00 | 44.16 1.08 0.00 | 45.11 1.23 0.00 | 41.46 1.17 0.00 | 40.02 1.13 0.00 | 33.09 0.93 0.00 | 29.12 0.79 0.00 | 25.85 0.66 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 23.93 -0.29 0.00 | 21.62 -0.28 0.00 | 21.36 -0.28 0.00 | 20.98 -0.28 0.00 | 21.75 -0.29 0.00 | 22.17 -0.22 0.00 | 28.17 -0.37 0.00 | 29.92 -0.39 0.00 | 29.59 -0.18 0.00 | 27.46 -0.17 0.00 | 27.58 -0.25 0.00 | 28.25 -0.20 0.00 | 29.49 -0.21 0.00 | 30.83 -0.19 0.00 | 31.63 -0.19 0.00 | 32.54 -0.30 0.00 | 37.77 -0.46 0.00 | 42.52 -0.56 0.00 | 43.31 -0.57 0.00 | 39.81 -0.48 0.00 | 38.35 -0.54 0.00 | 31.77 -0.39 0.00 | 28.07 -0.25 0.00 | 24.89 -0.30 0.00 |
| HELLGATE_13_KV_LD 55870 | 26.09 1.87 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.85 1.46 0.00 | 30.56 2.00 -0.02 | 33.54 2.24 -0.98 | 34.94 2.14 -3.03 | 33.96 1.82 -4.51 | 34.90 1.89 -5.18 | 36.98 1.85 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 42.97 2.16 -8.99 | 42.84 2.36 -7.64 | 44.90 2.71 -3.96 | 46.68 3.58 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.67 2.96 -0.82 | 34.45 2.28 -0.02 | 30.26 1.93 -0.01 | 26.96 1.76 -0.01 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 26.09 1.87 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.85 1.46 0.00 | 30.56 2.00 -0.02 | 33.54 2.24 -0.98 | 34.94 2.14 -3.03 | 33.96 1.82 -4.51 | 34.90 1.89 -5.18 | 36.98 1.85 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 42.97 2.16 -8.99 | 42.84 2.36 -7.64 | 44.90 2.71 -3.96 | 46.68 3.58 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.67 2.96 -0.82 | 34.45 2.28 -0.02 | 30.26 1.93 -0.01 | 26.96 1.76 -0.01 |
| HEMPSTEAD____ 23647 | 29.85 2.11 -3.53 | 26.22 1.73 -2.58 | 25.96 1.71 -2.61 | 25.53 1.61 -2.66 | 25.34 1.67 -1.62 | 29.34 1.72 -5.22 | 32.69 2.34 -1.80 | 34.33 2.58 -1.45 | 33.77 2.50 -1.49 | 31.71 2.13 -1.96 | 32.10 2.23 -2.04 | 33.23 2.22 -2.56 | 32.59 2.38 -0.51 | 33.85 2.45 -0.38 | 34.82 2.55 -0.45 | 35.53 2.69 0.00 | 41.17 2.94 0.00 | 48.87 4.01 -1.78 | 47.87 3.99 0.00 | 43.96 3.67 0.00 | 42.32 3.42 0.00 | 36.56 2.70 -1.70 | 32.23 2.24 -1.67 | 30.75 1.97 -3.59 |
| HEWLETT_69_KV_BK3 55828 | 30.05 2.30 -3.53 | 26.37 1.88 -2.58 | 26.11 1.86 -2.61 | 25.68 1.76 -2.66 | 25.49 1.83 -1.62 | 29.52 1.90 -5.22 | 32.89 2.54 -1.80 | 34.55 2.79 -1.45 | 33.97 2.71 -1.49 | 31.96 2.38 -1.96 | 32.35 2.48 -2.04 | 33.45 2.45 -2.56 | 32.82 2.61 -0.51 | 34.13 2.73 -0.38 | 35.08 2.80 -0.45 | 35.79 2.95 0.00 | 41.48 3.25 0.00 | 49.26 4.39 -1.78 | 48.26 4.39 0.00 | 44.32 4.03 0.00 | 42.47 3.58 0.00 | 36.85 2.99 -1.70 | 32.49 2.49 -1.67 | 31.05 2.27 -3.59 |
| HICKLING___1 23621 | 24.22 0.00 0.00 | 21.82 -0.09 0.00 | 21.51 -0.13 0.00 | 21.15 -0.11 0.00 | 21.97 -0.07 0.00 | 22.49 0.09 0.00 | 28.46 -0.09 0.00 | 30.46 0.15 0.00 | 30.22 0.45 0.00 | 28.23 0.61 0.00 | 28.25 0.42 0.00 | 29.04 0.60 0.00 | 30.20 0.50 0.00 | 31.70 0.68 0.00 | 32.55 0.73 0.00 | 33.36 0.53 0.00 | 38.69 0.46 0.00 | 43.08 0.00 0.00 | 44.01 0.13 0.00 | 40.53 0.24 0.00 | 38.89 0.00 0.00 | 32.22 0.06 0.00 | 28.84 0.51 0.00 | 25.57 0.38 0.00 |
| HICKLING___2 23622 | 24.22 0.00 0.00 | 21.82 -0.09 0.00 | 21.51 -0.13 0.00 | 21.15 -0.11 0.00 | 21.97 -0.07 0.00 | 22.49 0.09 0.00 | 28.46 -0.09 0.00 | 30.46 0.15 0.00 | 30.22 0.45 0.00 | 28.23 0.61 0.00 | 28.25 0.42 0.00 | 29.04 0.60 0.00 | 30.20 0.50 0.00 | 31.70 0.68 0.00 | 32.55 0.73 0.00 | 33.36 0.53 0.00 | 38.69 0.46 0.00 | 43.08 0.00 0.00 | 44.01 0.13 0.00 | 40.53 0.24 0.00 | 38.89 0.00 0.00 | 32.22 0.06 0.00 | 28.84 0.51 0.00 | 25.57 0.38 0.00 |
| HIGH FALLS___HY 23754 | 25.89 1.67 0.00 | 23.29 1.38 0.00 | 23.01 1.36 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.76 1.37 0.00 | 30.40 1.86 0.00 | 32.28 1.97 0.00 | 31.77 1.99 0.00 | 29.25 1.63 0.00 | 29.50 1.67 0.00 | 30.07 1.62 0.00 | 31.54 1.84 0.00 | 32.91 1.89 0.00 | 33.79 1.97 0.00 | 35.03 2.20 0.00 | 40.79 2.56 0.00 | 46.40 3.32 0.00 | 47.30 3.42 0.00 | 43.43 3.14 0.00 | 41.69 2.80 0.00 | 34.31 2.15 0.00 | 30.08 1.76 0.00 | 26.81 1.61 0.00 |
| HIGH_RIVER___SOLAR 323847 | 25.55 1.33 0.00 | 23.11 1.20 0.00 | 22.81 1.17 0.00 | 22.38 1.13 0.00 | 23.23 1.19 0.00 | 23.63 1.23 0.00 | 30.20 1.65 0.00 | 31.95 1.64 0.00 | 31.23 1.46 0.00 | 28.67 1.05 0.00 | 28.78 0.95 0.00 | 29.38 0.94 0.00 | 30.71 1.01 0.00 | 32.07 1.06 0.00 | 32.94 1.11 0.00 | 34.18 1.35 0.00 | 40.18 1.95 0.00 | 45.76 2.67 0.00 | 46.64 2.77 0.00 | 42.83 2.54 0.00 | 41.15 2.25 0.00 | 33.95 1.80 0.00 | 29.86 1.53 0.00 | 26.53 1.33 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HILLBURN___GT 23639 | 25.87 1.65 0.00 | 23.25 1.34 0.00 | 22.96 1.32 0.00 | 22.51 1.25 0.00 | 23.34 1.30 0.00 | 23.74 1.34 0.00 | 30.37 1.83 0.00 | 32.31 2.00 0.00 | 31.73 1.96 0.00 | 29.28 1.66 0.00 | 29.53 1.70 0.00 | 30.10 1.65 0.00 | 31.51 1.81 0.00 | 32.88 1.86 0.00 | 33.76 1.94 0.00 | 34.97 2.13 0.00 | 40.71 2.48 0.00 | 46.36 3.27 0.00 | 47.17 3.29 0.00 | 43.31 3.02 0.00 | 41.70 2.80 0.00 | 34.28 2.12 0.00 | 30.06 1.73 0.00 | 26.73 1.54 0.00 |
| HILLSIDE_115KV_TB1 80332 | 23.98 -0.24 0.00 | 21.62 -0.28 0.00 | 21.30 -0.35 0.00 | 20.96 -0.30 0.00 | 21.75 -0.29 0.00 | 22.22 -0.18 0.00 | 28.17 -0.37 0.00 | 30.13 -0.18 0.00 | 29.86 0.09 0.00 | 27.84 0.22 0.00 | 27.91 0.08 0.00 | 28.67 0.23 0.00 | 29.82 0.12 0.00 | 31.30 0.28 0.00 | 32.17 0.35 0.00 | 33.00 0.16 0.00 | 38.30 0.08 0.00 | 42.74 -0.34 0.00 | 43.66 -0.22 0.00 | 40.17 -0.12 0.00 | 38.54 -0.35 0.00 | 31.96 -0.19 0.00 | 28.53 0.20 0.00 | 25.29 0.10 0.00 |
| HISHELDN_WT_PWR 323625 | 23.66 -0.56 0.00 | 21.32 -0.59 0.00 | 20.93 -0.71 0.00 | 20.62 -0.64 0.00 | 21.40 -0.64 0.00 | 21.95 -0.45 0.00 | 27.72 -0.83 0.00 | 29.31 -1.00 0.00 | 29.24 -0.54 0.00 | 27.49 -0.14 0.00 | 27.55 -0.28 0.00 | 28.42 -0.03 0.00 | 29.34 -0.36 0.00 | 30.86 -0.15 0.00 | 31.63 -0.19 0.00 | 32.21 -0.62 0.00 | 37.16 -1.07 0.00 | 41.10 -1.98 0.00 | 41.99 -1.89 0.00 | 38.68 -1.61 0.00 | 36.75 -2.14 0.00 | 30.90 -1.25 0.00 | 28.16 -0.17 0.00 | 25.29 0.10 0.00 |
| HOLTSVILLE_IC_1 23690 | 29.66 1.91 -3.53 | 26.07 1.58 -2.58 | 25.83 1.58 -2.61 | 25.40 1.49 -2.66 | 25.20 1.54 -1.62 | 29.16 1.54 -5.22 | 32.51 2.17 -1.80 | 34.18 2.43 -1.45 | 33.56 2.29 -1.49 | 31.48 1.90 -1.96 | 31.73 1.86 -2.04 | 32.83 1.82 -2.56 | 32.17 1.96 -0.51 | 33.48 2.08 -0.38 | 34.44 2.16 -0.45 | 35.16 2.33 0.00 | 40.86 2.64 0.00 | 48.87 4.01 -1.78 | 47.83 3.95 0.00 | 43.92 3.63 0.00 | 42.43 3.54 0.00 | 36.33 2.48 -1.70 | 32.03 2.04 -1.67 | 30.55 1.76 -3.59 |
| HOLTSVILLE_IC_10 23699 | 29.71 1.96 -3.53 | 26.09 1.60 -2.58 | 25.85 1.60 -2.61 | 25.45 1.53 -2.66 | 25.25 1.59 -1.62 | 30.53 1.59 -6.55 | 33.67 2.20 -2.93 | 34.24 2.49 -1.45 | 33.62 2.35 -1.49 | 33.47 1.96 -3.89 | 31.82 1.95 -2.04 | 32.99 1.94 -2.61 | 34.30 2.08 -2.52 | 34.02 2.17 -0.83 | 35.32 2.29 -1.20 | 37.81 2.46 -2.51 | 41.06 2.83 0.00 | 49.13 4.27 -1.78 | 48.13 4.25 0.00 | 44.20 3.91 0.00 | 42.71 3.81 0.00 | 36.46 2.60 -1.70 | 32.14 2.15 -1.67 | 30.62 1.84 -3.59 |
| HOLTSVILLE_IC_2 23691 | 29.66 1.91 -3.53 | 26.07 1.58 -2.58 | 25.83 1.58 -2.61 | 25.40 1.49 -2.66 | 25.20 1.54 -1.62 | 29.16 1.54 -5.22 | 32.51 2.17 -1.80 | 34.18 2.43 -1.45 | 33.56 2.29 -1.49 | 31.48 1.90 -1.96 | 31.73 1.86 -2.04 | 32.83 1.82 -2.56 | 32.17 1.96 -0.51 | 33.48 2.08 -0.38 | 34.44 2.16 -0.45 | 35.16 2.33 0.00 | 40.86 2.64 0.00 | 48.87 4.01 -1.78 | 47.83 3.95 0.00 | 43.92 3.63 0.00 | 42.43 3.54 0.00 | 36.33 2.48 -1.70 | 32.03 2.04 -1.67 | 30.55 1.76 -3.59 |
| HOLTSVILLE_IC_3 23692 | 29.66 1.91 -3.53 | 26.07 1.58 -2.58 | 25.83 1.58 -2.61 | 25.40 1.49 -2.66 | 25.20 1.54 -1.62 | 29.16 1.54 -5.22 | 32.51 2.17 -1.80 | 34.18 2.43 -1.45 | 33.56 2.29 -1.49 | 31.48 1.90 -1.96 | 31.73 1.86 -2.04 | 32.83 1.82 -2.56 | 32.17 1.96 -0.51 | 33.48 2.08 -0.38 | 34.44 2.16 -0.45 | 35.16 2.33 0.00 | 40.86 2.64 0.00 | 48.87 4.01 -1.78 | 47.83 3.95 0.00 | 43.92 3.63 0.00 | 42.43 3.54 0.00 | 36.33 2.48 -1.70 | 32.03 2.04 -1.67 | 30.55 1.76 -3.59 |
| HOLTSVILLE_IC_4 23693 | 29.66 1.91 -3.53 | 26.07 1.58 -2.58 | 25.83 1.58 -2.61 | 25.40 1.49 -2.66 | 25.20 1.54 -1.62 | 29.16 1.54 -5.22 | 32.51 2.17 -1.80 | 34.18 2.43 -1.45 | 33.56 2.29 -1.49 | 31.48 1.90 -1.96 | 31.73 1.86 -2.04 | 32.83 1.82 -2.56 | 32.17 1.96 -0.51 | 33.48 2.08 -0.38 | 34.44 2.16 -0.45 | 35.16 2.33 0.00 | 40.86 2.64 0.00 | 48.87 4.01 -1.78 | 47.83 3.95 0.00 | 43.92 3.63 0.00 | 42.43 3.54 0.00 | 36.33 2.48 -1.70 | 32.03 2.04 -1.67 | 30.55 1.76 -3.59 |
| HOLTSVILLE_IC_5 23694 | 29.66 1.91 -3.53 | 26.07 1.58 -2.58 | 25.83 1.58 -2.61 | 25.40 1.49 -2.66 | 25.20 1.54 -1.62 | 29.16 1.54 -5.22 | 32.51 2.17 -1.80 | 34.18 2.43 -1.45 | 33.56 2.29 -1.49 | 31.48 1.90 -1.96 | 31.73 1.86 -2.04 | 32.83 1.82 -2.56 | 32.17 1.96 -0.51 | 33.48 2.08 -0.38 | 34.44 2.16 -0.45 | 35.16 2.33 0.00 | 40.86 2.64 0.00 | 48.87 4.01 -1.78 | 47.83 3.95 0.00 | 43.92 3.63 0.00 | 42.43 3.54 0.00 | 36.33 2.48 -1.70 | 32.03 2.04 -1.67 | 30.55 1.76 -3.59 |
| HOLTSVILLE_IC_6 23695 | 29.71 1.96 -3.53 | 26.09 1.60 -2.58 | 25.85 1.60 -2.61 | 25.45 1.53 -2.66 | 25.25 1.59 -1.62 | 30.53 1.59 -6.55 | 33.67 2.20 -2.93 | 34.24 2.49 -1.45 | 33.62 2.35 -1.49 | 33.47 1.96 -3.89 | 31.82 1.95 -2.04 | 32.99 1.94 -2.61 | 34.30 2.08 -2.52 | 34.02 2.17 -0.83 | 35.32 2.29 -1.20 | 37.81 2.46 -2.51 | 41.06 2.83 0.00 | 49.13 4.27 -1.78 | 48.13 4.25 0.00 | 44.20 3.91 0.00 | 42.71 3.81 0.00 | 36.46 2.60 -1.70 | 32.14 2.15 -1.67 | 30.62 1.84 -3.59 |
| HOLTSVILLE_IC_7 23696 | 29.71 1.96 -3.53 | 26.09 1.60 -2.58 | 25.85 1.60 -2.61 | 25.45 1.53 -2.66 | 25.25 1.59 -1.62 | 30.53 1.59 -6.55 | 33.67 2.20 -2.93 | 34.24 2.49 -1.45 | 33.62 2.35 -1.49 | 33.47 1.96 -3.89 | 31.82 1.95 -2.04 | 32.99 1.94 -2.61 | 34.30 2.08 -2.52 | 34.02 2.17 -0.83 | 35.32 2.29 -1.20 | 37.81 2.46 -2.51 | 41.06 2.83 0.00 | 49.13 4.27 -1.78 | 48.13 4.25 0.00 | 44.20 3.91 0.00 | 42.71 3.81 0.00 | 36.46 2.60 -1.70 | 32.14 2.15 -1.67 | 30.62 1.84 -3.59 |
| HOLTSVILLE_IC_8 23697 | 29.71 1.96 -3.53 | 26.09 1.60 -2.58 | 25.85 1.60 -2.61 | 25.45 1.53 -2.66 | 25.25 1.59 -1.62 | 30.53 1.59 -6.55 | 33.67 2.20 -2.93 | 34.24 2.49 -1.45 | 33.62 2.35 -1.49 | 33.47 1.96 -3.89 | 31.82 1.95 -2.04 | 32.99 1.94 -2.61 | 34.30 2.08 -2.52 | 34.02 2.17 -0.83 | 35.32 2.29 -1.20 | 37.81 2.46 -2.51 | 41.06 2.83 0.00 | 49.13 4.27 -1.78 | 48.13 4.25 0.00 | 44.20 3.91 0.00 | 42.71 3.81 0.00 | 36.46 2.60 -1.70 | 32.14 2.15 -1.67 | 30.62 1.84 -3.59 |
| HOLTSVILLE_IC_9 23698 | 29.71 1.96 -3.53 | 26.09 1.60 -2.58 | 25.85 1.60 -2.61 | 25.45 1.53 -2.66 | 25.25 1.59 -1.62 | 30.53 1.59 -6.55 | 33.67 2.20 -2.93 | 34.24 2.49 -1.45 | 33.62 2.35 -1.49 | 33.47 1.96 -3.89 | 31.82 1.95 -2.04 | 32.99 1.94 -2.61 | 34.30 2.08 -2.52 | 34.02 2.17 -0.83 | 35.32 2.29 -1.20 | 37.81 2.46 -2.51 | 41.06 2.83 0.00 | 49.13 4.27 -1.78 | 48.13 4.25 0.00 | 44.20 3.91 0.00 | 42.71 3.81 0.00 | 36.46 2.60 -1.70 | 32.14 2.15 -1.67 | 30.62 1.84 -3.59 |
| HOMER_HL_115KV_TB2 355744 | 24.37 0.15 0.00 | 21.91 0.00 0.00 | 21.54 -0.11 0.00 | 21.24 -0.02 0.00 | 22.06 0.02 0.00 | 22.62 0.22 0.00 | 28.69 0.14 0.00 | 29.98 -0.33 0.00 | 29.83 0.06 0.00 | 28.07 0.44 0.00 | 28.14 0.31 0.00 | 29.02 0.57 0.00 | 29.97 0.27 0.00 | 31.64 0.62 0.00 | 32.65 0.83 0.00 | 33.23 0.39 0.00 | 38.46 0.23 0.00 | 42.31 -0.78 0.00 | 43.39 -0.48 0.00 | 40.01 -0.28 0.00 | 38.19 -0.70 0.00 | 31.77 -0.39 0.00 | 28.78 0.45 0.00 | 25.57 0.38 0.00 |
| HOWARD_WT_PWR 323690 | 24.66 0.44 0.00 | 22.08 0.17 0.00 | 21.97 0.33 0.00 | 21.66 0.40 0.00 | 22.50 0.46 0.00 | 23.16 0.76 0.00 | 29.29 0.74 0.00 | 31.19 0.88 0.00 | 30.93 1.16 0.00 | 29.11 1.49 0.00 | 29.00 1.17 0.00 | 29.93 1.48 0.00 | 31.04 1.34 0.00 | 32.63 1.61 0.00 | 33.70 1.88 0.00 | 34.44 1.61 0.00 | 39.95 1.72 0.00 | 44.25 1.16 0.00 | 45.32 1.45 0.00 | 41.62 1.33 0.00 | 39.51 0.62 0.00 | 33.02 0.87 0.00 | 29.63 1.30 0.00 | 26.53 1.33 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_CEDARS 23644 | 23.64 -0.58 0.00 | 21.52 -0.39 0.00 | 21.21 -0.43 0.00 | 20.90 -0.36 0.00 | 21.67 -0.37 0.00 | 22.02 -0.38 0.00 | 28.17 -0.37 0.00 | 29.95 -0.36 0.00 | 29.32 -0.45 0.00 | 27.24 -0.39 0.00 | 27.50 -0.33 0.00 | 28.13 -0.31 0.00 | 29.31 -0.39 0.00 | 30.58 -0.43 0.00 | 31.38 -0.45 0.00 | 32.28 -0.56 0.00 | 37.65 -0.57 0.00 | 42.18 -0.90 0.00 | 42.91 -0.97 0.00 | 39.36 -0.93 0.00 | 38.27 -0.62 0.00 | 31.74 -0.42 0.00 | 27.87 -0.45 0.00 | 24.94 -0.25 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 23.64 -0.58 0.00 | 21.52 -0.39 0.00 | 21.21 -0.43 0.00 | 20.90 -0.36 0.00 | 21.67 -0.37 0.00 | 22.02 -0.38 0.00 | 28.17 -0.37 0.00 | 29.95 -0.36 0.00 | 29.32 -0.45 0.00 | 27.24 -0.39 0.00 | 27.50 -0.33 0.00 | 28.13 -0.31 0.00 | 29.31 -0.39 0.00 | 30.58 -0.43 0.00 | 31.38 -0.45 0.00 | 32.27 -0.56 0.00 | 37.66 -0.57 0.00 | 42.18 -0.91 0.00 | 42.91 -0.97 0.00 | 39.37 -0.93 0.00 | 38.31 -0.58 0.00 | 31.74 -0.42 0.00 | 27.87 -0.45 0.00 | 24.92 -0.28 0.00 |
| HQ_GEN_IMPORT 323601 | 23.88 -0.34 0.00 | 21.65 -0.26 0.00 | 21.36 -0.28 0.00 | 21.00 -0.25 0.00 | 21.78 -0.26 0.00 | 22.13 -0.27 0.00 | 28.20 -0.34 0.00 | 29.98 -0.33 0.00 | 29.44 -0.33 0.00 | 27.35 -0.28 0.00 | 27.58 -0.25 0.00 | 28.19 -0.26 0.00 | 29.43 -0.27 0.00 | 30.74 -0.28 0.00 | 31.53 -0.29 0.00 | 32.51 -0.33 0.00 | 37.88 -0.34 0.00 | 42.44 -0.65 0.00 | 43.22 -0.66 0.00 | 39.65 -0.65 0.00 | 38.47 -0.43 0.00 | 31.80 -0.35 0.00 | 27.99 -0.34 0.00 | 24.94 -0.25 0.00 |
| HQ_GEN_WHEEL 23651 | 23.88 -0.34 0.00 | 21.65 -0.26 0.00 | 21.36 -0.28 0.00 | 21.00 -0.25 0.00 | 21.78 -0.26 0.00 | 22.13 -0.27 0.00 | 28.20 -0.34 0.00 | 29.98 -0.33 0.00 | 29.44 -0.33 0.00 | 27.35 -0.28 0.00 | 27.58 -0.25 0.00 | 28.19 -0.26 0.00 | 29.43 -0.27 0.00 | 30.74 -0.28 0.00 | 31.53 -0.29 0.00 | 32.51 -0.33 0.00 | 37.88 -0.34 0.00 | 42.44 -0.65 0.00 | 43.22 -0.66 0.00 | 39.65 -0.65 0.00 | 38.47 -0.43 0.00 | 31.80 -0.35 0.00 | 27.99 -0.34 0.00 | 24.94 -0.25 0.00 |
| HUDSON AVE_GT_3 23810 | 26.17 1.94 -0.01 | 23.44 1.53 0.00 | 23.16 1.52 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.92 1.52 0.00 | 30.70 2.14 -0.02 | 33.63 2.36 -0.95 | 34.97 2.26 -2.94 | 33.94 1.93 -4.38 | 34.86 2.00 -5.02 | 36.89 1.96 -6.48 | 43.01 2.11 -11.20 | 42.88 2.26 -9.66 | 42.80 2.26 -8.72 | 42.68 2.43 -7.42 | 44.93 2.87 -3.84 | 46.80 3.71 -0.02 | 47.56 3.69 0.00 | 43.68 3.38 -0.01 | 42.80 3.11 -0.79 | 34.61 2.44 -0.02 | 30.38 2.04 -0.01 | 27.07 1.86 -0.01 |
| HUDSON AVE_GT_4 23540 | 26.17 1.94 -0.01 | 23.44 1.53 0.00 | 23.16 1.52 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.92 1.52 0.00 | 30.70 2.14 -0.02 | 33.63 2.36 -0.95 | 34.97 2.26 -2.94 | 33.94 1.93 -4.38 | 34.86 2.00 -5.02 | 36.89 1.96 -6.48 | 43.01 2.11 -11.20 | 42.88 2.26 -9.66 | 42.80 2.26 -8.72 | 42.68 2.43 -7.42 | 44.93 2.87 -3.84 | 46.80 3.71 -0.02 | 47.56 3.69 0.00 | 43.68 3.38 -0.01 | 42.80 3.11 -0.79 | 34.61 2.44 -0.02 | 30.38 2.04 -0.01 | 27.07 1.86 -0.01 |
| HUDSON AVE_GT_5 23657 | 26.17 1.94 -0.01 | 23.44 1.53 0.00 | 23.16 1.52 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.92 1.52 0.00 | 30.70 2.14 -0.02 | 33.63 2.36 -0.95 | 34.97 2.26 -2.94 | 33.94 1.93 -4.38 | 34.86 2.00 -5.02 | 36.89 1.96 -6.48 | 43.01 2.11 -11.20 | 42.88 2.26 -9.66 | 42.80 2.26 -8.72 | 42.68 2.43 -7.42 | 44.93 2.87 -3.84 | 46.80 3.71 -0.02 | 47.56 3.69 0.00 | 43.68 3.38 -0.01 | 42.80 3.11 -0.79 | 34.61 2.44 -0.02 | 30.38 2.04 -0.01 | 27.07 1.86 -0.01 |
| HUDSON_AVE_10 24168 | 26.12 1.89 -0.01 | 23.38 1.47 0.00 | 23.09 1.45 0.00 | 22.62 1.36 0.00 | 23.45 1.41 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.57 2.30 -0.95 | 34.91 2.20 -2.94 | 33.88 1.88 -4.38 | 34.77 1.92 -5.02 | 36.81 1.88 -6.48 | 42.95 2.05 -11.20 | 42.79 2.11 -9.66 | 42.74 2.20 -8.72 | 42.61 2.36 -7.42 | 44.82 2.75 -3.84 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.72 3.03 -0.79 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| HUDSON___115KV_TB 4 355613 | 25.24 1.02 0.00 | 22.83 0.92 0.00 | 22.55 0.91 0.00 | 22.13 0.87 0.00 | 22.97 0.93 0.00 | 23.32 0.92 0.00 | 29.83 1.28 0.00 | 31.56 1.24 0.00 | 30.84 1.07 0.00 | 28.37 0.75 0.00 | 28.53 0.70 0.00 | 29.04 0.60 0.00 | 30.38 0.68 0.00 | 31.70 0.68 0.00 | 32.52 0.70 0.00 | 33.75 0.92 0.00 | 39.41 1.19 0.00 | 45.07 1.98 0.00 | 46.03 2.15 0.00 | 42.27 1.97 0.00 | 40.53 1.63 0.00 | 33.44 1.29 0.00 | 29.38 1.05 0.00 | 26.18 0.98 0.00 |
| HUNTER MOUNT___DRP 323613 | 25.26 1.04 0.00 | 22.87 0.96 0.00 | 22.60 0.95 0.00 | 22.17 0.91 0.00 | 23.01 0.97 0.00 | 23.36 0.96 0.00 | 29.92 1.37 0.00 | 31.59 1.27 0.00 | 30.84 1.07 0.00 | 28.31 0.69 0.00 | 28.47 0.64 0.00 | 28.96 0.51 0.00 | 30.35 0.65 0.00 | 31.61 0.59 0.00 | 32.43 0.60 0.00 | 33.72 0.89 0.00 | 39.41 1.19 0.00 | 45.11 2.02 0.00 | 46.16 2.28 0.00 | 42.35 2.05 0.00 | 40.61 1.71 0.00 | 33.47 1.32 0.00 | 29.40 1.08 0.00 | 26.20 1.01 0.00 |
| HUNTINGTON_RES_REC 323705 | 29.88 2.13 -3.53 | 26.24 1.75 -2.58 | 26.00 1.75 -2.61 | 25.57 1.66 -2.66 | 25.38 1.72 -1.62 | 29.39 1.77 -5.22 | 32.77 2.42 -1.80 | 34.45 2.70 -1.45 | 33.82 2.56 -1.49 | 31.76 2.18 -1.96 | 32.07 2.20 -2.04 | 33.20 2.19 -2.56 | 32.53 2.32 -0.51 | 33.85 2.45 -0.38 | 34.82 2.55 -0.45 | 35.56 2.72 0.00 | 41.21 2.98 0.00 | 49.26 4.40 -1.78 | 48.22 4.34 0.00 | 44.28 3.99 0.00 | 42.75 3.85 0.00 | 36.65 2.80 -1.70 | 32.32 2.32 -1.67 | 30.80 2.02 -3.59 |
| HUNTLEY___63 23557 | 23.59 -0.63 0.00 | 21.25 -0.66 0.00 | 20.84 -0.80 0.00 | 20.56 -0.70 0.00 | 21.33 -0.71 0.00 | 21.88 -0.52 0.00 | 27.57 -0.97 0.00 | 29.10 -1.21 0.00 | 29.09 -0.68 0.00 | 27.46 -0.17 0.00 | 27.55 -0.28 0.00 | 28.45 0.00 0.00 | 29.31 -0.39 0.00 | 30.83 -0.19 0.00 | 31.57 -0.25 0.00 | 32.01 -0.82 0.00 | 36.89 -1.34 0.00 | 40.54 -2.54 0.00 | 41.51 -2.37 0.00 | 38.24 -2.05 0.00 | 36.91 -1.98 0.00 | 30.61 -1.54 0.00 | 28.13 -0.20 0.00 | 24.87 -0.33 0.00 |
| HUNTLEY___64 23558 | 23.59 -0.63 0.00 | 21.25 -0.66 0.00 | 20.84 -0.80 0.00 | 20.56 -0.70 0.00 | 21.33 -0.71 0.00 | 21.88 -0.52 0.00 | 27.57 -0.97 0.00 | 29.10 -1.21 0.00 | 29.09 -0.68 0.00 | 27.46 -0.17 0.00 | 27.55 -0.28 0.00 | 28.45 0.00 0.00 | 29.31 -0.39 0.00 | 30.83 -0.19 0.00 | 31.57 -0.25 0.00 | 32.01 -0.82 0.00 | 36.89 -1.34 0.00 | 40.54 -2.54 0.00 | 41.51 -2.37 0.00 | 38.24 -2.05 0.00 | 36.91 -1.98 0.00 | 30.61 -1.54 0.00 | 28.13 -0.20 0.00 | 24.87 -0.33 0.00 |
| HUNTLEY___65 23559 | 23.59 -0.63 0.00 | 21.25 -0.66 0.00 | 20.84 -0.80 0.00 | 20.56 -0.70 0.00 | 21.33 -0.71 0.00 | 21.88 -0.52 0.00 | 27.57 -0.97 0.00 | 29.10 -1.21 0.00 | 29.09 -0.68 0.00 | 27.46 -0.17 0.00 | 27.55 -0.28 0.00 | 28.45 0.00 0.00 | 29.31 -0.39 0.00 | 30.83 -0.19 0.00 | 31.57 -0.25 0.00 | 32.01 -0.82 0.00 | 36.89 -1.34 0.00 | 40.54 -2.54 0.00 | 41.51 -2.37 0.00 | 38.24 -2.05 0.00 | 36.91 -1.98 0.00 | 30.61 -1.54 0.00 | 28.13 -0.20 0.00 | 24.87 -0.33 0.00 |
| HUNTLEY___66 23560 | 23.59 -0.63 0.00 | 21.25 -0.66 0.00 | 20.84 -0.80 0.00 | 20.56 -0.70 0.00 | 21.33 -0.71 0.00 | 21.88 -0.52 0.00 | 27.57 -0.97 0.00 | 29.10 -1.21 0.00 | 29.09 -0.68 0.00 | 27.46 -0.17 0.00 | 27.55 -0.28 0.00 | 28.45 0.00 0.00 | 29.31 -0.39 0.00 | 30.83 -0.19 0.00 | 31.57 -0.25 0.00 | 32.01 -0.82 0.00 | 36.89 -1.34 0.00 | 40.54 -2.54 0.00 | 41.51 -2.37 0.00 | 38.24 -2.05 0.00 | 36.91 -1.98 0.00 | 30.61 -1.54 0.00 | 28.13 -0.20 0.00 | 24.87 -0.33 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HUNTLEY___67 23561 | 23.47 -0.75 0.00 | 21.14 -0.77 0.00 | 20.73 -0.91 0.00 | 20.45 -0.81 0.00 | 21.20 -0.84 0.00 | 21.75 -0.65 0.00 | 27.40 -1.14 0.00 | 28.89 -1.42 0.00 | 28.85 -0.92 0.00 | 27.21 -0.41 0.00 | 27.30 -0.53 0.00 | 28.19 -0.26 0.00 | 29.02 -0.68 0.00 | 30.49 -0.53 0.00 | 31.22 -0.60 0.00 | 31.75 -1.08 0.00 | 36.58 -1.64 0.00 | 40.28 -2.80 0.00 | 41.20 -2.68 0.00 | 37.95 -2.34 0.00 | 36.64 -2.26 0.00 | 30.42 -1.74 0.00 | 27.90 -0.42 0.00 | 24.66 -0.53 0.00 |
| HUNTLEY___68 23562 | 23.47 -0.75 0.00 | 21.14 -0.77 0.00 | 20.73 -0.91 0.00 | 20.45 -0.81 0.00 | 21.20 -0.84 0.00 | 21.75 -0.65 0.00 | 27.40 -1.14 0.00 | 28.89 -1.42 0.00 | 28.85 -0.92 0.00 | 27.21 -0.41 0.00 | 27.30 -0.53 0.00 | 28.19 -0.26 0.00 | 29.02 -0.68 0.00 | 30.49 -0.53 0.00 | 31.22 -0.60 0.00 | 31.75 -1.08 0.00 | 36.58 -1.64 0.00 | 40.28 -2.80 0.00 | 41.20 -2.68 0.00 | 37.95 -2.34 0.00 | 36.64 -2.26 0.00 | 30.42 -1.74 0.00 | 27.90 -0.42 0.00 | 24.66 -0.53 0.00 |
| HYLAND___LFGE 323620 | 24.73 0.51 0.00 | 22.28 0.37 0.00 | 21.86 0.22 0.00 | 21.55 0.30 0.00 | 22.37 0.33 0.00 | 23.00 0.60 0.00 | 29.20 0.66 0.00 | 31.22 0.91 0.00 | 30.87 1.10 0.00 | 28.62 0.99 0.00 | 28.39 0.56 0.00 | 29.16 0.71 0.00 | 29.82 0.12 0.00 | 31.51 0.49 0.00 | 32.49 0.67 0.00 | 33.29 0.46 0.00 | 38.84 0.61 0.00 | 43.56 0.47 0.00 | 44.80 0.92 0.00 | 41.38 1.09 0.00 | 39.44 0.54 0.00 | 32.92 0.77 0.00 | 29.66 1.33 0.00 | 26.43 1.23 0.00 |
| INDECK___CORINTH 23802 | 25.94 1.72 0.00 | 23.47 1.56 0.00 | 23.12 1.47 0.00 | 22.68 1.42 0.00 | 23.54 1.50 0.00 | 23.96 1.57 0.00 | 30.69 2.14 0.00 | 32.56 2.24 0.00 | 31.88 2.11 0.00 | 29.42 1.79 0.00 | 29.64 1.81 0.00 | 30.21 1.76 0.00 | 31.57 1.87 0.00 | 32.88 1.86 0.00 | 33.70 1.88 0.00 | 34.90 2.07 0.00 | 40.71 2.48 0.00 | 46.53 3.45 0.00 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.85 2.95 0.00 | 34.50 2.35 0.00 | 30.28 1.95 0.00 | 26.91 1.71 0.00 |
| INDECK___ILION 23567 | 24.37 0.15 0.00 | 22.06 0.15 0.00 | 21.80 0.15 0.00 | 21.38 0.13 0.00 | 22.19 0.15 0.00 | 22.55 0.16 0.00 | 28.77 0.23 0.00 | 30.55 0.24 0.00 | 29.89 0.12 0.00 | 27.73 0.11 0.00 | 27.94 0.11 0.00 | 28.56 0.11 0.00 | 29.82 0.12 0.00 | 31.14 0.12 0.00 | 31.95 0.13 0.00 | 33.00 0.16 0.00 | 38.42 0.19 0.00 | 43.43 0.34 0.00 | 44.27 0.39 0.00 | 40.65 0.36 0.00 | 39.21 0.31 0.00 | 32.41 0.26 0.00 | 28.53 0.20 0.00 | 25.34 0.15 0.00 |
| INDECK___OLEAN 23982 | 24.37 0.15 0.00 | 21.91 0.00 0.00 | 21.54 -0.11 0.00 | 21.24 -0.02 0.00 | 22.06 0.02 0.00 | 22.62 0.22 0.00 | 28.69 0.14 0.00 | 29.98 -0.33 0.00 | 29.83 0.06 0.00 | 28.06 0.44 0.00 | 28.14 0.31 0.00 | 29.02 0.57 0.00 | 29.96 0.27 0.00 | 31.60 0.59 0.00 | 32.65 0.83 0.00 | 33.26 0.43 0.00 | 38.42 0.19 0.00 | 42.31 -0.77 0.00 | 43.40 -0.48 0.00 | 40.01 -0.28 0.00 | 37.81 -1.09 0.00 | 31.77 -0.38 0.00 | 28.78 0.45 0.00 | 25.90 0.70 0.00 |
| INDECK___OSWEGO 23783 | 23.69 -0.53 0.00 | 21.43 -0.48 0.00 | 21.17 -0.48 0.00 | 20.79 -0.47 0.00 | 21.55 -0.48 0.00 | 21.95 -0.45 0.00 | 27.92 -0.63 0.00 | 29.62 -0.70 0.00 | 30.28 0.51 0.00 | 28.12 0.50 0.00 | 28.14 0.31 0.00 | 28.84 0.40 0.00 | 30.11 0.42 0.00 | 31.51 0.49 0.00 | 32.30 0.48 0.00 | 32.74 -0.10 0.00 | 38.00 -0.23 0.00 | 42.69 -0.39 0.00 | 43.52 -0.35 0.00 | 40.01 -0.28 0.00 | 38.58 -0.31 0.00 | 32.48 0.32 0.00 | 28.70 0.37 0.00 | 25.52 0.33 0.00 |
| INDECK___YERKES 23781 | 23.62 -0.60 0.00 | 21.27 -0.64 0.00 | 20.87 -0.78 0.00 | 20.58 -0.68 0.00 | 21.36 -0.68 0.00 | 21.90 -0.49 0.00 | 27.60 -0.94 0.00 | 29.13 -1.18 0.00 | 29.12 -0.66 0.00 | 27.49 -0.14 0.00 | 27.58 -0.25 0.00 | 28.50 0.06 0.00 | 29.34 -0.36 0.00 | 30.86 -0.15 0.00 | 31.60 -0.22 0.00 | 32.04 -0.79 0.00 | 36.89 -1.34 0.00 | 40.63 -2.45 0.00 | 41.55 -2.33 0.00 | 38.24 -2.05 0.00 | 36.29 -2.61 0.00 | 30.64 -1.51 0.00 | 28.16 -0.17 0.00 | 25.35 0.15 0.00 |
| INDIAN POINT_GT_1 24139 | 25.89 1.67 0.00 | 23.25 1.34 0.00 | 22.96 1.32 0.00 | 22.51 1.25 0.00 | 23.34 1.30 0.00 | 23.74 1.34 0.00 | 30.37 1.83 0.00 | 32.31 2.00 0.00 | 31.71 1.94 0.00 | 29.25 1.63 0.00 | 29.50 1.67 0.00 | 30.07 1.62 0.00 | 31.48 1.78 0.00 | 32.85 1.83 0.00 | 33.73 1.91 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.31 3.23 0.00 | 47.12 3.25 0.00 | 43.27 2.98 0.00 | 41.58 2.68 0.00 | 34.24 2.09 0.00 | 30.03 1.70 0.00 | 26.76 1.56 0.00 |
| INDIAN POINT_GT_2 23659 | 25.89 1.67 0.00 | 23.25 1.34 0.00 | 22.96 1.32 0.00 | 22.51 1.25 0.00 | 23.34 1.30 0.00 | 23.74 1.34 0.00 | 30.37 1.83 0.00 | 32.31 2.00 0.00 | 31.71 1.94 0.00 | 29.25 1.63 0.00 | 29.50 1.67 0.00 | 30.07 1.62 0.00 | 31.48 1.78 0.00 | 32.85 1.83 0.00 | 33.73 1.91 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.31 3.23 0.00 | 47.12 3.25 0.00 | 43.27 2.98 0.00 | 41.58 2.68 0.00 | 34.24 2.09 0.00 | 30.03 1.70 0.00 | 26.76 1.56 0.00 |
| INDIAN POINT_GT_3 24019 | 25.89 1.67 0.00 | 23.25 1.34 0.00 | 22.96 1.32 0.00 | 22.51 1.25 0.00 | 23.34 1.30 0.00 | 23.74 1.34 0.00 | 30.37 1.83 0.00 | 32.31 2.00 0.00 | 31.71 1.94 0.00 | 29.25 1.63 0.00 | 29.50 1.67 0.00 | 30.07 1.62 0.00 | 31.48 1.78 0.00 | 32.85 1.83 0.00 | 33.73 1.91 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.31 3.23 0.00 | 47.12 3.25 0.00 | 43.27 2.98 0.00 | 41.58 2.68 0.00 | 34.24 2.09 0.00 | 30.03 1.70 0.00 | 26.76 1.56 0.00 |
| INDIAN POINT___2 23530 | 25.87 1.65 0.00 | 23.22 1.31 0.00 | 22.94 1.30 0.00 | 22.49 1.23 0.00 | 23.32 1.28 0.00 | 23.72 1.32 0.00 | 30.34 1.80 0.00 | 32.31 2.00 0.00 | 31.68 1.91 0.00 | 29.23 1.60 0.00 | 29.50 1.67 0.00 | 30.07 1.62 0.00 | 31.45 1.75 0.00 | 32.85 1.83 0.00 | 33.70 1.88 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.27 3.19 0.00 | 47.08 3.20 0.00 | 43.23 2.94 0.00 | 41.62 2.72 0.00 | 34.21 2.06 0.00 | 30.03 1.70 0.00 | 26.70 1.51 0.00 |
| INDIAN POINT___3 23531 | 25.87 1.65 0.00 | 23.22 1.31 0.00 | 22.96 1.32 0.00 | 22.49 1.23 0.00 | 23.32 1.28 0.00 | 23.72 1.32 0.00 | 30.34 1.80 0.00 | 32.28 1.97 0.00 | 31.68 1.91 0.00 | 29.23 1.60 0.00 | 29.47 1.64 0.00 | 30.04 1.59 0.00 | 31.45 1.75 0.00 | 32.81 1.80 0.00 | 33.70 1.88 0.00 | 34.87 2.04 0.00 | 40.60 2.37 0.00 | 46.27 3.19 0.00 | 47.04 3.16 0.00 | 43.19 2.90 0.00 | 41.50 2.61 0.00 | 34.21 2.06 0.00 | 30.03 1.70 0.00 | 26.76 1.56 0.00 |
| INGHAM_C_115KV_TB7 356103 | 24.22 0.00 0.00 | 21.93 0.02 0.00 | 21.64 0.00 0.00 | 21.26 0.00 0.00 | 22.06 0.02 0.00 | 22.42 0.02 0.00 | 28.60 0.06 0.00 | 30.37 0.06 0.00 | 29.71 -0.06 0.00 | 27.54 -0.08 0.00 | 27.72 -0.11 0.00 | 28.33 -0.11 0.00 | 29.61 -0.09 0.00 | 30.89 -0.12 0.00 | 31.69 -0.13 0.00 | 32.77 -0.07 0.00 | 38.11 -0.11 0.00 | 43.13 0.04 0.00 | 43.96 0.09 0.00 | 40.37 0.08 0.00 | 38.93 0.04 0.00 | 32.22 0.06 0.00 | 28.36 0.03 0.00 | 25.19 0.00 0.00 |
| IP CORINTH___1 23988 | 25.94 1.72 0.00 | 23.47 1.56 0.00 | 23.12 1.47 0.00 | 22.68 1.42 0.00 | 23.54 1.50 0.00 | 23.96 1.57 0.00 | 30.69 2.14 0.00 | 32.56 2.24 0.00 | 31.88 2.11 0.00 | 29.42 1.80 0.00 | 29.64 1.81 0.00 | 30.21 1.76 0.00 | 31.57 1.87 0.00 | 32.88 1.86 0.00 | 33.70 1.88 0.00 | 34.90 2.07 0.00 | 40.71 2.48 0.00 | 46.53 3.45 0.00 | 47.47 3.60 0.00 | 43.60 3.30 0.00 | 41.81 2.92 0.00 | 34.50 2.35 0.00 | 30.28 1.95 0.00 | 26.93 1.74 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| IP__TICONDEROGA 23804 | 26.74 2.52 0.00 | 24.21 2.30 0.00 | 23.81 2.16 0.00 | 23.34 2.08 0.00 | 24.24 2.20 0.00 | 24.75 2.35 0.00 | 31.80 3.25 0.00 | 33.68 3.36 0.00 | 33.02 3.24 0.00 | 30.47 2.85 0.00 | 30.67 2.84 0.00 | 31.26 2.82 0.00 | 32.64 2.94 0.00 | 33.96 2.95 0.00 | 34.75 2.93 0.00 | 36.02 3.18 0.00 | 42.05 3.82 0.00 | 48.30 5.21 0.00 | 49.32 5.44 0.00 | 45.29 5.00 0.00 | 43.33 4.43 0.00 | 35.72 3.57 0.00 | 31.30 2.97 0.00 | 27.84 2.65 0.00 |
| ISLIP_RES_REC 323679 | 29.80 2.06 -3.53 | 26.18 1.69 -2.58 | 25.94 1.69 -2.61 | 25.53 1.61 -2.66 | 25.34 1.67 -1.62 | 30.26 1.68 -6.19 | 33.51 2.34 -2.62 | 34.39 2.64 -1.45 | 33.77 2.50 -1.49 | 33.08 2.10 -3.36 | 31.98 2.11 -2.04 | 33.15 2.11 -2.60 | 33.90 2.23 -1.97 | 34.08 2.36 -0.71 | 35.30 2.48 -1.00 | 37.32 2.66 -1.83 | 41.29 3.06 0.00 | 49.43 4.56 -1.78 | 48.40 4.52 0.00 | 44.44 4.15 0.00 | 42.94 4.04 0.00 | 36.65 2.80 -1.70 | 32.26 2.27 -1.67 | 30.73 1.94 -3.59 |
| JAMAICA__27_KV_LOAD 355505 | 26.26 2.03 -0.01 | 23.49 1.58 0.00 | 23.20 1.56 0.00 | 22.70 1.45 0.00 | 23.54 1.50 0.00 | 24.01 1.61 0.00 | 30.84 2.28 -0.02 | 33.72 2.46 -0.95 | 35.03 2.32 -2.94 | 33.99 1.99 -4.38 | 34.88 2.03 -5.02 | 36.92 1.99 -6.48 | 43.07 2.17 -11.20 | 42.94 2.26 -9.66 | 42.90 2.35 -8.72 | 42.78 2.53 -7.42 | 45.09 3.02 -3.84 | 46.98 3.88 -0.02 | 47.87 3.99 0.00 | 43.97 3.67 -0.01 | 42.99 3.31 -0.79 | 34.74 2.57 -0.02 | 30.55 2.21 -0.01 | 27.17 1.97 -0.01 |
| JANIS__SOLAR 323808 | 25.09 0.87 0.00 | 22.74 0.83 0.00 | 22.40 0.76 0.00 | 22.02 0.76 0.00 | 22.90 0.86 0.00 | 23.41 1.01 0.00 | 29.89 1.34 0.00 | 31.80 1.48 0.00 | 31.29 1.52 0.00 | 28.98 1.35 0.00 | 28.92 1.08 0.00 | 29.76 1.31 0.00 | 31.07 1.37 0.00 | 32.47 1.46 0.00 | 33.35 1.53 0.00 | 34.38 1.54 0.00 | 40.06 1.83 0.00 | 45.15 2.07 0.00 | 46.16 2.28 0.00 | 42.43 2.13 0.00 | 40.76 1.87 0.00 | 33.73 1.58 0.00 | 29.83 1.50 0.00 | 26.50 1.31 0.00 |
| JARVIS____ 23743 | 24.39 0.17 0.00 | 22.06 0.15 0.00 | 21.80 0.15 0.00 | 21.41 0.15 0.00 | 22.20 0.16 0.00 | 22.55 0.16 0.00 | 28.77 0.23 0.00 | 30.53 0.21 0.00 | 29.92 0.15 0.00 | 27.76 0.14 0.00 | 27.97 0.14 0.00 | 28.59 0.14 0.00 | 29.85 0.15 0.00 | 31.17 0.16 0.00 | 31.98 0.16 0.00 | 33.03 0.20 0.00 | 38.46 0.23 0.00 | 43.47 0.39 0.00 | 44.27 0.39 0.00 | 40.65 0.36 0.00 | 39.20 0.31 0.00 | 32.41 0.26 0.00 | 28.53 0.20 0.00 | 25.35 0.15 0.00 |
| JENNISON__1 23625 | 25.33 1.11 0.00 | 22.98 1.07 0.00 | 22.64 1.00 0.00 | 22.26 1.00 0.00 | 23.16 1.12 0.00 | 23.58 1.19 0.00 | 30.17 1.63 0.00 | 32.10 1.79 0.00 | 31.56 1.79 0.00 | 29.28 1.66 0.00 | 29.28 1.45 0.00 | 30.13 1.68 0.00 | 31.45 1.75 0.00 | 32.81 1.80 0.00 | 33.70 1.88 0.00 | 34.77 1.94 0.00 | 40.48 2.26 0.00 | 45.63 2.54 0.00 | 46.64 2.76 0.00 | 42.87 2.58 0.00 | 41.23 2.33 0.00 | 34.05 1.90 0.00 | 30.11 1.78 0.00 | 26.63 1.44 0.00 |
| JENNISON__2 23626 | 25.33 1.11 0.00 | 22.98 1.07 0.00 | 22.64 1.00 0.00 | 22.26 1.00 0.00 | 23.16 1.12 0.00 | 23.58 1.19 0.00 | 30.17 1.63 0.00 | 32.10 1.79 0.00 | 31.56 1.79 0.00 | 29.28 1.66 0.00 | 29.28 1.45 0.00 | 30.13 1.68 0.00 | 31.45 1.75 0.00 | 32.81 1.80 0.00 | 33.70 1.88 0.00 | 34.77 1.94 0.00 | 40.48 2.26 0.00 | 45.63 2.54 0.00 | 46.64 2.76 0.00 | 42.87 2.58 0.00 | 41.23 2.33 0.00 | 34.05 1.90 0.00 | 30.11 1.78 0.00 | 26.63 1.44 0.00 |
| JERICO_RISE_WT_PWR 323719 | 23.11 -1.11 0.00 | 21.10 -0.81 0.00 | 20.78 -0.87 0.00 | 20.49 -0.76 0.00 | 21.27 -0.77 0.00 | 21.64 -0.76 0.00 | 27.80 -0.74 0.00 | 29.62 -0.70 0.00 | 29.00 -0.77 0.00 | 27.04 -0.58 0.00 | 27.44 -0.39 0.00 | 28.11 -0.34 0.00 | 29.34 -0.36 0.00 | 30.65 -0.37 0.00 | 31.47 -0.35 0.00 | 32.37 -0.46 0.00 | 37.85 -0.38 0.00 | 42.39 -0.69 0.00 | 42.95 -0.92 0.00 | 39.37 -0.93 0.00 | 38.20 -0.70 0.00 | 31.58 -0.58 0.00 | 27.68 -0.65 0.00 | 24.74 -0.45 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 26.04 1.82 0.00 | 23.38 1.47 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.85 1.46 0.00 | 30.54 2.00 0.00 | 32.46 2.15 0.00 | 31.85 2.08 0.00 | 29.36 1.74 0.00 | 29.64 1.81 0.00 | 30.24 1.79 0.00 | 31.66 1.96 0.00 | 33.06 2.05 0.00 | 33.92 2.10 0.00 | 35.13 2.30 0.00 | 40.87 2.64 0.00 | 46.66 3.58 0.00 | 47.47 3.60 0.00 | 43.56 3.26 0.00 | 41.85 2.96 0.00 | 34.44 2.28 0.00 | 30.14 1.81 0.00 | 26.88 1.69 0.00 |
| KCE_NY_1 323755 | 25.77 1.55 0.00 | 23.29 1.38 0.00 | 22.96 1.32 0.00 | 22.53 1.28 0.00 | 23.38 1.34 0.00 | 23.79 1.39 0.00 | 30.37 1.83 0.00 | 32.22 1.91 0.00 | 31.53 1.76 0.00 | 29.11 1.49 0.00 | 29.33 1.50 0.00 | 29.90 1.45 0.00 | 31.24 1.54 0.00 | 32.57 1.55 0.00 | 33.38 1.56 0.00 | 34.57 1.74 0.00 | 40.33 2.10 0.00 | 46.05 2.97 0.00 | 46.95 3.07 0.00 | 43.11 2.82 0.00 | 41.42 2.53 0.00 | 34.18 2.03 0.00 | 30.03 1.70 0.00 | 26.68 1.49 0.00 |
| KCE_NY_6_ESR 323823 | 23.86 -0.36 0.00 | 21.49 -0.42 0.00 | 21.08 -0.56 0.00 | 20.79 -0.47 0.00 | 21.58 -0.46 0.00 | 22.13 -0.27 0.00 | 27.94 -0.60 0.00 | 29.43 -0.88 0.00 | 29.38 -0.39 0.00 | 27.71 0.08 0.00 | 27.80 -0.03 0.00 | 28.70 0.26 0.00 | 29.58 -0.12 0.00 | 31.11 0.09 0.00 | 31.92 0.10 0.00 | 32.41 -0.43 0.00 | 37.35 -0.88 0.00 | 41.15 -1.94 0.00 | 42.12 -1.76 0.00 | 38.76 -1.53 0.00 | 36.75 -2.14 0.00 | 31.00 -1.16 0.00 | 28.38 0.06 0.00 | 25.55 0.35 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 29.71 1.96 -3.53 | 26.11 1.62 -2.58 | 25.87 1.62 -2.61 | 25.45 1.53 -2.66 | 25.25 1.59 -1.62 | 29.21 1.59 -5.22 | 32.57 2.23 -1.80 | 34.24 2.49 -1.45 | 33.62 2.35 -1.49 | 31.54 1.96 -1.96 | 31.85 1.98 -2.04 | 32.94 1.94 -2.56 | 32.29 2.08 -0.51 | 33.57 2.17 -0.38 | 34.57 2.29 -0.45 | 35.30 2.46 0.00 | 41.02 2.79 0.00 | 49.09 4.22 -1.78 | 48.09 4.21 0.00 | 44.16 3.87 0.00 | 42.67 3.77 0.00 | 36.46 2.60 -1.70 | 32.14 2.15 -1.67 | 30.62 1.84 -3.59 |
| KEDC_PORT_JEFF_GT3 24211 | 29.71 1.96 -3.53 | 26.11 1.62 -2.58 | 25.87 1.62 -2.61 | 25.45 1.53 -2.66 | 25.25 1.59 -1.62 | 29.21 1.59 -5.22 | 32.57 2.23 -1.80 | 34.24 2.49 -1.45 | 33.62 2.35 -1.49 | 31.54 1.96 -1.96 | 31.85 1.98 -2.04 | 32.94 1.94 -2.56 | 32.29 2.08 -0.51 | 33.57 2.17 -0.38 | 34.57 2.29 -0.45 | 35.30 2.46 0.00 | 41.02 2.79 0.00 | 49.09 4.22 -1.78 | 48.09 4.21 0.00 | 44.16 3.87 0.00 | 42.67 3.77 0.00 | 36.46 2.60 -1.70 | 32.14 2.15 -1.67 | 30.62 1.84 -3.59 |
| KEDC_GLWD_GT4 24219 | 30.00 2.25 -3.53 | 26.33 1.84 -2.58 | 26.07 1.82 -2.61 | 25.64 1.72 -2.66 | 25.45 1.78 -1.62 | 29.48 1.86 -5.22 | 32.86 2.51 -1.80 | 34.52 2.76 -1.45 | 33.94 2.68 -1.49 | 31.90 2.32 -1.96 | 32.29 2.42 -2.04 | 33.42 2.42 -2.56 | 32.79 2.58 -0.51 | 34.10 2.70 -0.38 | 35.04 2.77 -0.45 | 35.75 2.92 0.00 | 41.44 3.21 0.00 | 48.91 4.05 -1.78 | 47.87 3.99 0.00 | 43.96 3.67 0.00 | 42.35 3.46 0.00 | 36.78 2.93 -1.70 | 32.40 2.41 -1.67 | 30.93 2.14 -3.59 |
| KEDC_GLWD_GT5 24220 | 30.00 2.25 -3.53 | 26.33 1.84 -2.58 | 26.07 1.82 -2.61 | 25.64 1.72 -2.66 | 25.45 1.78 -1.62 | 29.48 1.86 -5.22 | 32.86 2.51 -1.80 | 34.52 2.76 -1.45 | 33.94 2.68 -1.49 | 31.90 2.32 -1.96 | 32.29 2.42 -2.04 | 33.42 2.42 -2.56 | 32.79 2.58 -0.51 | 34.10 2.70 -0.38 | 35.04 2.77 -0.45 | 35.75 2.92 0.00 | 41.44 3.21 0.00 | 48.91 4.05 -1.78 | 47.87 3.99 0.00 | 43.96 3.67 0.00 | 42.35 3.46 0.00 | 36.78 2.93 -1.70 | 32.40 2.41 -1.67 | 30.93 2.14 -3.59 |

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| KENSICO____ 23655 | 25.94 1.72 0.00 | 23.29 1.38 0.00 | 23.03 1.39 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.79 1.39 0.00 | 30.46 1.91 0.00 | 32.40 2.09 0.00 | 31.79 2.02 0.00 | 29.34 1.71 0.00 | 29.58 1.75 0.00 | 30.15 1.71 0.00 | 31.57 1.87 0.00 | 32.94 1.92 0.00 | 33.83 2.00 0.00 | 35.00 2.17 0.00 | 40.75 2.52 0.00 | 46.44 3.36 0.00 | 47.21 3.33 0.00 | 43.35 3.06 0.00 | 41.66 2.76 0.00 | 34.34 2.19 0.00 | 30.11 1.78 0.00 | 26.83 1.64 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 25.87 1.65 0.00 | 23.27 1.36 0.00 | 22.99 1.34 0.00 | 22.55 1.30 0.00 | 23.36 1.32 0.00 | 23.76 1.37 0.00 | 30.40 1.86 0.00 | 32.28 1.97 0.00 | 31.71 1.94 0.00 | 29.20 1.57 0.00 | 29.45 1.61 0.00 | 30.01 1.56 0.00 | 31.45 1.75 0.00 | 32.81 1.80 0.00 | 33.70 1.88 0.00 | 34.97 2.13 0.00 | 40.71 2.48 0.00 | 46.36 3.27 0.00 | 47.26 3.38 0.00 | 43.39 3.10 0.00 | 41.66 2.76 0.00 | 34.28 2.12 0.00 | 30.08 1.76 0.00 | 26.78 1.59 0.00 |
| KIAC_JFK_GT1 23816 | 26.12 1.89 -0.01 | 23.38 1.47 0.00 | 23.09 1.45 0.00 | 22.60 1.34 0.00 | 23.43 1.39 0.00 | 23.88 1.48 0.00 | 30.70 2.14 -0.02 | 33.45 2.18 -0.95 | 34.73 2.02 -2.94 | 33.72 1.71 -4.38 | 34.61 1.75 -5.02 | 36.64 1.71 -6.48 | 42.77 1.87 -11.20 | 42.63 1.95 -9.66 | 42.58 2.04 -8.72 | 42.45 2.20 -7.42 | 44.70 2.64 -3.84 | 46.55 3.45 -0.02 | 47.39 3.51 0.00 | 43.56 3.26 -0.01 | 42.60 2.92 -0.79 | 34.42 2.25 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| KIAC_JFK_GT2 23817 | 26.12 1.89 -0.01 | 23.38 1.47 0.00 | 23.09 1.45 0.00 | 22.60 1.34 0.00 | 23.43 1.39 0.00 | 23.88 1.48 0.00 | 30.70 2.14 -0.02 | 33.45 2.18 -0.95 | 34.73 2.02 -2.94 | 33.72 1.71 -4.38 | 34.61 1.75 -5.02 | 36.64 1.71 -6.48 | 42.77 1.87 -11.20 | 42.63 1.95 -9.66 | 42.58 2.04 -8.72 | 42.45 2.20 -7.42 | 44.70 2.64 -3.84 | 46.55 3.45 -0.02 | 47.39 3.51 0.00 | 43.56 3.26 -0.01 | 42.60 2.92 -0.79 | 34.42 2.25 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| KIAC_JFK____ 323774 | 26.12 1.89 -0.01 | 23.38 1.47 0.00 | 23.09 1.45 0.00 | 22.60 1.34 0.00 | 23.43 1.39 0.00 | 23.87 1.48 0.00 | 30.70 2.14 -0.02 | 33.45 2.18 -0.95 | 34.74 2.03 -2.94 | 33.72 1.71 -4.38 | 34.61 1.75 -5.02 | 36.64 1.71 -6.48 | 42.77 1.87 -11.20 | 42.63 1.96 -9.66 | 42.58 2.04 -8.72 | 42.45 2.20 -7.42 | 44.70 2.64 -3.84 | 46.55 3.45 -0.02 | 47.39 3.51 0.00 | 43.56 3.26 -0.01 | 42.68 3.00 -0.79 | 34.42 2.25 -0.02 | 30.38 2.04 -0.01 | 26.96 1.76 -0.01 |
| KINTIGH____ 23543 | 23.23 -0.99 0.00 | 20.97 -0.94 0.00 | 20.56 -1.08 0.00 | 20.26 -1.00 0.00 | 21.00 -1.04 0.00 | 21.52 -0.87 0.00 | 27.15 -1.40 0.00 | 28.68 -1.64 0.00 | 28.64 -1.13 0.00 | 26.93 -0.69 0.00 | 27.02 -0.81 0.00 | 27.88 -0.57 0.00 | 28.75 -0.95 0.00 | 30.15 -0.87 0.00 | 30.84 -0.99 0.00 | 31.42 -1.41 0.00 | 36.24 -1.99 0.00 | 40.07 -3.02 0.00 | 40.94 -2.94 0.00 | 37.71 -2.58 0.00 | 36.44 -2.45 0.00 | 30.22 -1.93 0.00 | 27.62 -0.71 0.00 | 24.34 -0.86 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 23.13 -1.09 0.00 | 21.21 -0.70 0.00 | 20.86 -0.78 0.00 | 20.60 -0.66 0.00 | 21.40 -0.64 0.00 | 21.81 -0.58 0.00 | 28.15 -0.40 0.00 | 30.01 -0.30 0.00 | 29.26 -0.51 0.00 | 27.32 -0.30 0.00 | 27.83 0.00 0.00 | 28.56 0.11 0.00 | 29.79 0.09 0.00 | 31.14 0.12 0.00 | 32.01 0.19 0.00 | 32.90 0.07 0.00 | 38.53 0.31 0.00 | 43.21 0.13 0.00 | 43.75 -0.13 0.00 | 40.01 -0.28 0.00 | 38.78 -0.12 0.00 | 32.06 -0.10 0.00 | 28.02 -0.31 0.00 | 25.07 -0.13 0.00 |
| LACHUTE__HYDRO 323717 | 26.74 2.52 0.00 | 24.21 2.30 0.00 | 23.81 2.16 0.00 | 23.34 2.08 0.00 | 24.24 2.20 0.00 | 24.75 2.35 0.00 | 31.80 3.25 0.00 | 33.68 3.36 0.00 | 33.02 3.25 0.00 | 30.47 2.85 0.00 | 30.67 2.84 0.00 | 31.26 2.82 0.00 | 32.64 2.94 0.00 | 33.96 2.95 0.00 | 34.75 2.93 0.00 | 36.02 3.18 0.00 | 42.05 3.82 0.00 | 48.29 5.21 0.00 | 49.32 5.44 0.00 | 45.29 5.00 0.00 | 43.33 4.43 0.00 | 35.72 3.57 0.00 | 31.30 2.97 0.00 | 27.81 2.62 0.00 |
| LAWRNCALV_115KV_TB1 80681 | 23.54 -0.68 0.00 | 21.45 -0.46 0.00 | 21.15 -0.50 0.00 | 20.83 -0.43 0.00 | 21.62 -0.42 0.00 | 21.99 -0.40 0.00 | 28.20 -0.34 0.00 | 30.01 -0.30 0.00 | 29.35 -0.42 0.00 | 27.29 -0.33 0.00 | 27.53 -0.31 0.00 | 28.19 -0.26 0.00 | 29.28 -0.42 0.00 | 30.43 -0.59 0.00 | 31.22 -0.60 0.00 | 32.05 -0.79 0.00 | 37.31 -0.92 0.00 | 41.83 -1.25 0.00 | 42.60 -1.27 0.00 | 39.08 -1.21 0.00 | 38.08 -0.82 0.00 | 31.61 -0.55 0.00 | 27.73 -0.59 0.00 | 24.89 -0.30 0.00 |
| LEDERLE____ 23769 | 25.94 1.72 0.00 | 23.31 1.40 0.00 | 23.03 1.39 0.00 | 22.58 1.32 0.00 | 23.38 1.34 0.00 | 23.79 1.39 0.00 | 30.46 1.91 0.00 | 32.40 2.09 0.00 | 31.82 2.05 0.00 | 29.36 1.74 0.00 | 29.61 1.78 0.00 | 30.18 1.74 0.00 | 31.60 1.90 0.00 | 32.97 1.95 0.00 | 33.86 2.04 0.00 | 35.07 2.23 0.00 | 40.83 2.60 0.00 | 46.49 3.40 0.00 | 47.30 3.42 0.00 | 43.43 3.14 0.00 | 41.69 2.80 0.00 | 34.37 2.22 0.00 | 30.14 1.81 0.00 | 26.83 1.64 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 23.91 -0.31 0.00 | 21.65 -0.26 0.00 | 21.36 -0.28 0.00 | 21.00 -0.26 0.00 | 21.80 -0.24 0.00 | 22.24 -0.16 0.00 | 28.35 -0.20 0.00 | 30.10 -0.21 0.00 | 30.10 0.33 0.00 | 27.96 0.33 0.00 | 27.94 0.11 0.00 | 28.65 0.20 0.00 | 29.88 0.18 0.00 | 31.23 0.22 0.00 | 32.04 0.22 0.00 | 32.80 -0.03 0.00 | 38.15 -0.08 0.00 | 42.87 -0.22 0.00 | 43.79 -0.09 0.00 | 40.25 -0.04 0.00 | 38.86 -0.04 0.00 | 32.38 0.23 0.00 | 28.64 0.31 0.00 | 25.39 0.20 0.00 |
| LINDEN COGEN____ 23786 | 26.00 1.77 -0.01 | 23.29 1.38 0.00 | 23.01 1.36 0.00 | 22.53 1.28 0.00 | 23.36 1.32 0.00 | 23.79 1.39 0.00 | 30.53 1.97 -0.02 | 33.45 2.18 -0.95 | 34.82 2.11 -2.94 | 33.80 1.79 -4.38 | 34.69 1.84 -5.02 | 36.69 1.76 -6.48 | 42.77 1.87 -11.20 | 42.63 1.96 -9.66 | 42.58 2.04 -8.72 | 42.45 2.20 -7.42 | 44.63 2.56 -3.84 | 46.50 3.40 -0.02 | 47.21 3.33 0.00 | 43.40 3.10 -0.01 | 42.61 2.92 -0.79 | 34.42 2.25 -0.02 | 30.18 1.84 -0.01 | 26.84 1.64 -0.01 |
| LINDHRST_69_KV_BK1 356055 | 30.00 2.25 -3.53 | 26.35 1.86 -2.58 | 26.09 1.84 -2.61 | 25.68 1.76 -2.66 | 25.49 1.83 -1.62 | 29.50 1.88 -5.22 | 32.89 2.54 -1.80 | 34.58 2.82 -1.45 | 33.97 2.71 -1.49 | 31.87 2.29 -1.96 | 32.21 2.34 -2.04 | 33.34 2.33 -2.56 | 32.67 2.46 -0.51 | 34.01 2.61 -0.38 | 34.98 2.70 -0.45 | 35.69 2.86 0.00 | 41.44 3.21 0.00 | 49.43 4.57 -1.78 | 48.44 4.56 0.00 | 44.48 4.19 0.00 | 42.55 3.66 0.00 | 36.78 2.93 -1.70 | 32.43 2.44 -1.67 | 30.98 2.19 -3.59 |
| LIPA_MISC_IPP 23656 | 29.17 1.43 -3.53 | 25.63 1.14 -2.58 | 25.40 1.15 -2.61 | 25.04 1.13 -2.66 | 24.83 1.17 -1.62 | 24.37 1.05 -0.92 | 28.23 1.54 1.85 | 33.55 1.79 -1.45 | 32.90 1.64 -1.49 | 24.58 1.27 4.32 | 31.15 1.28 -2.04 | 32.03 1.19 -2.39 | 25.02 1.34 6.01 | 31.34 1.40 1.07 | 31.35 1.50 1.97 | 26.33 1.64 8.15 | 40.18 1.95 0.00 | 48.27 3.40 -1.78 | 47.21 3.33 0.00 | 43.35 3.06 0.00 | 41.58 2.68 0.00 | 35.78 1.93 -1.70 | 31.55 1.56 -1.67 | 30.10 1.31 -3.59 |
| LISF__SOLAR 323691 | 29.22 1.48 -3.53 | 25.67 1.18 -2.58 | 25.46 1.21 -2.61 | 25.06 1.15 -2.66 | 24.85 1.19 -1.62 | 22.90 1.10 0.60 | 27.00 1.60 3.14 | 33.61 1.85 -1.45 | 32.96 1.70 -1.49 | 22.41 1.33 6.54 | 31.18 1.31 -2.04 | 32.02 1.25 -2.32 | 22.75 1.37 8.32 | 30.88 1.46 1.59 | 30.55 1.56 2.83 | 23.51 1.71 11.03 | 40.25 2.02 0.00 | 48.35 3.49 -1.78 | 47.34 3.47 0.00 | 43.47 3.18 0.00 | 42.28 3.38 0.00 | 35.85 1.99 -1.70 | 31.64 1.64 -1.67 | 30.10 1.31 -3.59 |

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| LITTLE FALLS___HYD 24013 | 24.22 0.00 0.00 | 21.93 0.02 0.00 | 21.64 0.00 0.00 | 21.26 0.00 0.00 | 22.06 0.02 0.00 | 22.42 0.02 0.00 | 28.60 0.06 0.00 | 30.37 0.06 0.00 | 29.71 -0.06 0.00 | 27.54 -0.08 0.00 | 27.72 -0.11 0.00 | 28.33 -0.11 0.00 | 29.61 -0.09 0.00 | 30.89 -0.12 0.00 | 31.69 -0.13 0.00 | 32.77 -0.07 0.00 | 38.11 -0.11 0.00 | 43.13 0.04 0.00 | 43.96 0.09 0.00 | 40.37 0.08 0.00 | 38.93 0.04 0.00 | 32.22 0.06 0.00 | 28.36 0.03 0.00 | 25.19 0.00 0.00 |
| LITTLRIV_115KV_TB1 356100 | 23.69 -0.53 0.00 | 21.60 -0.31 0.00 | 21.30 -0.35 0.00 | 20.98 -0.28 0.00 | 21.78 -0.26 0.00 | 22.17 -0.22 0.00 | 28.52 -0.03 0.00 | 30.34 0.03 0.00 | 29.62 -0.15 0.00 | 27.54 -0.08 0.00 | 27.75 -0.08 0.00 | 28.42 -0.03 0.00 | 29.52 -0.18 0.00 | 30.64 -0.37 0.00 | 31.47 -0.35 0.00 | 32.31 -0.53 0.00 | 37.62 -0.61 0.00 | 42.18 -0.90 0.00 | 43.04 -0.83 0.00 | 39.49 -0.81 0.00 | 38.51 -0.39 0.00 | 31.93 -0.23 0.00 | 27.99 -0.34 0.00 | 25.12 -0.08 0.00 |
| LI_NEWBRDGE___DRP 323616 | 29.83 2.08 -3.53 | 26.18 1.69 -2.58 | 25.94 1.69 -2.61 | 25.51 1.59 -2.66 | 25.31 1.65 -1.62 | 29.32 1.70 -5.22 | 32.66 2.31 -1.80 | 34.30 2.55 -1.45 | 33.71 2.44 -1.49 | 31.68 2.10 -1.96 | 32.01 2.14 -2.04 | 33.11 2.11 -2.56 | 32.47 2.26 -0.51 | 33.76 2.36 -0.38 | 34.73 2.45 -0.45 | 35.43 2.59 0.00 | 41.06 2.83 0.00 | 48.83 3.96 -1.78 | 47.83 3.95 0.00 | 43.92 3.63 0.00 | 42.08 3.19 0.00 | 36.46 2.60 -1.70 | 32.17 2.18 -1.67 | 30.78 1.99 -3.59 |
| LOCKPORT_115KV_TB60_63_64 80432 | 23.42 -0.80 0.00 | 21.12 -0.79 0.00 | 20.69 -0.95 0.00 | 20.41 -0.85 0.00 | 21.16 -0.88 0.00 | 21.73 -0.67 0.00 | 27.37 -1.17 0.00 | 28.89 -1.42 0.00 | 28.88 -0.89 0.00 | 27.21 -0.41 0.00 | 27.30 -0.53 0.00 | 28.22 -0.23 0.00 | 29.04 -0.65 0.00 | 30.52 -0.50 0.00 | 31.22 -0.60 0.00 | 31.68 -1.15 0.00 | 36.55 -1.68 0.00 | 40.24 -2.84 0.00 | 41.11 -2.76 0.00 | 37.91 -2.38 0.00 | 36.64 -2.26 0.00 | 30.35 -1.80 0.00 | 27.93 -0.40 0.00 | 24.66 -0.53 0.00 |
| LOCKPORT___CC1 323769 | 23.42 -0.80 0.00 | 21.10 -0.81 0.00 | 20.69 -0.95 0.00 | 20.41 -0.85 0.00 | 21.16 -0.88 0.00 | 21.73 -0.67 0.00 | 27.35 -1.20 0.00 | 28.86 -1.45 0.00 | 28.85 -0.92 0.00 | 27.18 -0.44 0.00 | 27.27 -0.56 0.00 | 28.16 -0.28 0.00 | 29.02 -0.68 0.00 | 30.46 -0.56 0.00 | 31.19 -0.64 0.00 | 31.65 -1.18 0.00 | 36.47 -1.76 0.00 | 40.20 -2.89 0.00 | 41.07 -2.81 0.00 | 37.83 -2.46 0.00 | 35.90 -2.99 0.00 | 30.35 -1.80 0.00 | 27.90 -0.42 0.00 | 25.09 -0.10 0.00 |
| LOCKPORT___CC2 323770 | 23.42 -0.80 0.00 | 21.10 -0.81 0.00 | 20.69 -0.95 0.00 | 20.41 -0.85 0.00 | 21.16 -0.88 0.00 | 21.73 -0.67 0.00 | 27.35 -1.20 0.00 | 28.86 -1.45 0.00 | 28.85 -0.92 0.00 | 27.18 -0.44 0.00 | 27.27 -0.56 0.00 | 28.16 -0.28 0.00 | 29.02 -0.68 0.00 | 30.46 -0.56 0.00 | 31.19 -0.64 0.00 | 31.65 -1.18 0.00 | 36.47 -1.76 0.00 | 40.20 -2.89 0.00 | 41.07 -2.81 0.00 | 37.83 -2.46 0.00 | 35.90 -2.99 0.00 | 30.35 -1.80 0.00 | 27.90 -0.42 0.00 | 25.09 -0.10 0.00 |
| LOCKPORT___CC3 323771 | 23.42 -0.80 0.00 | 21.10 -0.81 0.00 | 20.69 -0.95 0.00 | 20.41 -0.85 0.00 | 21.16 -0.88 0.00 | 21.73 -0.67 0.00 | 27.35 -1.20 0.00 | 28.86 -1.45 0.00 | 28.85 -0.92 0.00 | 27.18 -0.44 0.00 | 27.27 -0.56 0.00 | 28.16 -0.28 0.00 | 29.02 -0.68 0.00 | 30.46 -0.56 0.00 | 31.19 -0.64 0.00 | 31.65 -1.18 0.00 | 36.47 -1.76 0.00 | 40.20 -2.89 0.00 | 41.07 -2.81 0.00 | 37.83 -2.46 0.00 | 35.90 -2.99 0.00 | 30.35 -1.80 0.00 | 27.90 -0.42 0.00 | 25.09 -0.10 0.00 |
| LONG_LAKE_PHOENIX 24014 | 23.81 -0.41 0.00 | 21.54 -0.37 0.00 | 21.28 -0.37 0.00 | 20.90 -0.36 0.00 | 21.67 -0.37 0.00 | 22.08 -0.31 0.00 | 28.06 -0.49 0.00 | 29.80 -0.52 0.00 | 30.13 0.36 0.00 | 27.98 0.36 0.00 | 28.03 0.19 0.00 | 28.73 0.28 0.00 | 30.00 0.30 0.00 | 31.39 0.37 0.00 | 32.17 0.35 0.00 | 32.90 0.07 0.00 | 38.23 0.00 0.00 | 42.95 -0.13 0.00 | 43.79 -0.09 0.00 | 40.25 -0.04 0.00 | 38.82 -0.08 0.00 | 32.31 0.16 0.00 | 28.55 0.23 0.00 | 25.34 0.15 0.00 |
| LOVETT___3 23632 | 25.84 1.62 0.00 | 23.22 1.31 0.00 | 22.94 1.30 0.00 | 22.49 1.23 0.00 | 23.32 1.28 0.00 | 23.70 1.30 0.00 | 30.31 1.77 0.00 | 32.28 1.97 0.00 | 31.65 1.88 0.00 | 29.20 1.57 0.00 | 29.47 1.64 0.00 | 30.04 1.59 0.00 | 31.42 1.72 0.00 | 32.81 1.80 0.00 | 33.67 1.85 0.00 | 34.87 2.04 0.00 | 40.60 2.37 0.00 | 46.23 3.15 0.00 | 47.04 3.16 0.00 | 43.19 2.90 0.00 | 41.50 2.61 0.00 | 34.21 2.06 0.00 | 30.00 1.67 0.00 | 26.73 1.54 0.00 |
| LOVETT___4 23642 | 25.84 1.62 0.00 | 23.22 1.31 0.00 | 22.94 1.30 0.00 | 22.49 1.23 0.00 | 23.32 1.28 0.00 | 23.70 1.30 0.00 | 30.31 1.77 0.00 | 32.28 1.97 0.00 | 31.65 1.88 0.00 | 29.20 1.57 0.00 | 29.47 1.64 0.00 | 30.04 1.59 0.00 | 31.42 1.72 0.00 | 32.81 1.80 0.00 | 33.67 1.85 0.00 | 34.87 2.04 0.00 | 40.60 2.37 0.00 | 46.23 3.15 0.00 | 47.04 3.16 0.00 | 43.19 2.90 0.00 | 41.50 2.61 0.00 | 34.21 2.06 0.00 | 30.00 1.67 0.00 | 26.73 1.54 0.00 |
| LOVETT___5 23593 | 25.84 1.62 0.00 | 23.22 1.31 0.00 | 22.94 1.30 0.00 | 22.49 1.23 0.00 | 23.32 1.28 0.00 | 23.70 1.30 0.00 | 30.31 1.77 0.00 | 32.28 1.97 0.00 | 31.65 1.88 0.00 | 29.20 1.57 0.00 | 29.47 1.64 0.00 | 30.04 1.59 0.00 | 31.42 1.72 0.00 | 32.81 1.80 0.00 | 33.67 1.85 0.00 | 34.87 2.04 0.00 | 40.60 2.37 0.00 | 46.23 3.15 0.00 | 47.04 3.16 0.00 | 43.19 2.90 0.00 | 41.50 2.61 0.00 | 34.21 2.06 0.00 | 30.00 1.67 0.00 | 26.73 1.54 0.00 |
| LOWER RAQUET___HYD 24057 | 23.52 -0.70 0.00 | 21.45 -0.46 0.00 | 21.12 -0.52 0.00 | 20.83 -0.42 0.00 | 21.60 -0.44 0.00 | 21.99 -0.40 0.00 | 28.23 -0.31 0.00 | 30.04 -0.27 0.00 | 29.35 -0.42 0.00 | 27.29 -0.33 0.00 | 27.55 -0.28 0.00 | 28.19 -0.26 0.00 | 29.25 -0.44 0.00 | 30.36 -0.65 0.00 | 31.19 -0.64 0.00 | 31.98 -0.85 0.00 | 37.23 -0.99 0.00 | 41.75 -1.34 0.00 | 42.52 -1.36 0.00 | 39.00 -1.29 0.00 | 38.08 -0.82 0.00 | 31.61 -0.55 0.00 | 27.70 -0.62 0.00 | 24.86 -0.33 0.00 |
| LOWER___HUDSON 24059 | 25.48 1.26 0.00 | 23.00 1.10 0.00 | 22.73 1.08 0.00 | 22.30 1.04 0.00 | 23.12 1.08 0.00 | 23.52 1.12 0.00 | 30.00 1.46 0.00 | 31.86 1.55 0.00 | 31.11 1.34 0.00 | 28.73 1.11 0.00 | 28.97 1.14 0.00 | 29.50 1.05 0.00 | 30.80 1.10 0.00 | 32.13 1.11 0.00 | 32.97 1.14 0.00 | 34.11 1.28 0.00 | 39.83 1.61 0.00 | 45.41 2.32 0.00 | 46.29 2.41 0.00 | 42.51 2.21 0.00 | 40.88 1.98 0.00 | 33.73 1.58 0.00 | 29.63 1.30 0.00 | 26.38 1.18 0.00 |
| LOWVILLE_115KV_TB2 356335 | 24.10 -0.12 0.00 | 21.89 -0.02 0.00 | 21.58 -0.06 0.00 | 21.21 -0.04 0.00 | 22.06 0.02 0.00 | 22.49 0.09 0.00 | 28.86 0.31 0.00 | 30.68 0.36 0.00 | 30.16 0.39 0.00 | 28.01 0.39 0.00 | 28.08 0.25 0.00 | 28.82 0.37 0.00 | 30.02 0.33 0.00 | 31.54 0.53 0.00 | 32.39 0.57 0.00 | 33.39 0.56 0.00 | 38.95 0.73 0.00 | 43.99 0.90 0.00 | 44.97 1.10 0.00 | 41.30 1.01 0.00 | 39.94 1.05 0.00 | 33.05 0.90 0.00 | 29.09 0.76 0.00 | 25.82 0.63 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 25.75 1.53 0.00 | 23.27 1.36 0.00 | 22.96 1.32 0.00 | 22.53 1.28 0.00 | 23.36 1.32 0.00 | 23.76 1.37 0.00 | 30.37 1.83 0.00 | 32.22 1.91 0.00 | 31.53 1.76 0.00 | 29.09 1.46 0.00 | 29.33 1.50 0.00 | 29.90 1.45 0.00 | 31.21 1.51 0.00 | 32.54 1.52 0.00 | 33.38 1.56 0.00 | 34.54 1.71 0.00 | 40.33 2.10 0.00 | 46.01 2.93 0.00 | 46.90 3.03 0.00 | 43.07 2.78 0.00 | 41.34 2.45 0.00 | 34.15 1.99 0.00 | 30.00 1.67 0.00 | 26.70 1.51 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 25.77 1.55 0.00 | 23.29 1.38 0.00 | 22.96 1.32 0.00 | 22.53 1.28 0.00 | 23.38 1.34 0.00 | 23.79 1.39 0.00 | 30.37 1.83 0.00 | 32.22 1.91 0.00 | 31.53 1.76 0.00 | 29.12 1.49 0.00 | 29.33 1.50 0.00 | 29.90 1.45 0.00 | 31.24 1.54 0.00 | 32.57 1.55 0.00 | 33.38 1.56 0.00 | 34.57 1.74 0.00 | 40.33 2.10 0.00 | 46.06 2.97 0.00 | 46.95 3.07 0.00 | 43.11 2.82 0.00 | 41.38 2.49 0.00 | 34.18 2.03 0.00 | 30.03 1.70 0.00 | 26.73 1.54 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 23.76 -0.46 0.00 | 21.62 -0.28 0.00 | 21.32 -0.32 0.00 | 20.98 -0.28 0.00 | 21.78 -0.26 0.00 | 22.20 -0.20 0.00 | 28.49 -0.06 0.00 | 30.31 0.00 0.00 | 29.74 -0.03 0.00 | 27.62 0.00 0.00 | 27.78 -0.06 0.00 | 28.45 0.00 0.00 | 29.58 -0.12 0.00 | 30.86 -0.16 0.00 | 31.66 -0.16 0.00 | 32.57 -0.26 0.00 | 37.96 -0.27 0.00 | 42.70 -0.39 0.00 | 43.61 -0.26 0.00 | 40.05 -0.24 0.00 | 38.89 0.00 0.00 | 32.25 0.10 0.00 | 28.33 0.00 0.00 | 25.29 0.10 0.00 |
| LYONS_FALL_HYD 23570 | 24.37 0.15 0.00 | 22.11 0.20 0.00 | 21.80 0.15 0.00 | 21.43 0.17 0.00 | 22.26 0.22 0.00 | 22.69 0.29 0.00 | 29.06 0.51 0.00 | 30.89 0.57 0.00 | 30.33 0.56 0.00 | 28.18 0.55 0.00 | 28.28 0.44 0.00 | 28.99 0.54 0.00 | 30.23 0.54 0.00 | 31.70 0.68 0.00 | 32.52 0.70 0.00 | 33.55 0.72 0.00 | 39.11 0.88 0.00 | 44.16 1.08 0.00 | 45.10 1.23 0.00 | 41.46 1.17 0.00 | 40.02 1.13 0.00 | 33.09 0.93 0.00 | 29.12 0.79 0.00 | 25.87 0.68 0.00 |
| MADISON___COUNTY_LFGE 323628 | 24.75 0.53 0.00 | 22.44 0.53 0.00 | 22.14 0.50 0.00 | 21.75 0.49 0.00 | 22.59 0.55 0.00 | 23.02 0.63 0.00 | 29.37 0.83 0.00 | 31.22 0.91 0.00 | 30.66 0.89 0.00 | 28.48 0.86 0.00 | 28.58 0.75 0.00 | 29.30 0.85 0.00 | 30.59 0.89 0.00 | 31.95 0.93 0.00 | 32.78 0.95 0.00 | 33.82 0.98 0.00 | 39.37 1.15 0.00 | 44.42 1.34 0.00 | 45.32 1.45 0.00 | 41.62 1.33 0.00 | 40.14 1.24 0.00 | 33.15 1.00 0.00 | 29.23 0.91 0.00 | 25.92 0.73 0.00 |
| MALONE___115KV_TB1 356076 | 23.40 -0.82 0.00 | 21.41 -0.50 0.00 | 21.06 -0.58 0.00 | 20.79 -0.47 0.00 | 21.58 -0.46 0.00 | 21.97 -0.43 0.00 | 28.29 -0.26 0.00 | 30.13 -0.18 0.00 | 29.44 -0.33 0.00 | 27.46 -0.17 0.00 | 27.83 0.00 0.00 | 28.50 0.06 0.00 | 29.70 0.00 0.00 | 30.98 -0.03 0.00 | 31.82 0.00 0.00 | 32.70 -0.13 0.00 | 38.19 -0.04 0.00 | 42.82 -0.26 0.00 | 43.48 -0.39 0.00 | 39.85 -0.44 0.00 | 38.70 -0.19 0.00 | 32.03 -0.13 0.00 | 28.04 -0.28 0.00 | 25.09 -0.10 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 25.24 1.02 0.00 | 22.79 0.88 0.00 | 22.53 0.89 0.00 | 22.11 0.85 0.00 | 22.92 0.88 0.00 | 23.27 0.87 0.00 | 29.72 1.17 0.00 | 31.56 1.24 0.00 | 30.84 1.07 0.00 | 28.48 0.86 0.00 | 28.72 0.89 0.00 | 29.24 0.80 0.00 | 30.56 0.86 0.00 | 31.88 0.87 0.00 | 32.71 0.89 0.00 | 33.85 1.02 0.00 | 39.49 1.26 0.00 | 45.02 1.94 0.00 | 45.90 2.02 0.00 | 42.10 1.81 0.00 | 40.45 1.56 0.00 | 33.41 1.25 0.00 | 29.35 1.02 0.00 | 26.15 0.96 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 22.96 -1.26 0.00 | 20.81 -1.09 0.00 | 20.54 -1.10 0.00 | 20.17 -1.08 0.00 | 20.92 -1.12 0.00 | 21.26 -1.14 0.00 | 27.18 -1.37 0.00 | 28.92 -1.39 0.00 | 28.40 -1.37 0.00 | 26.46 -1.16 0.00 | 26.77 -1.06 0.00 | 27.42 -1.02 0.00 | 28.69 -1.01 0.00 | 29.99 -1.02 0.00 | 30.84 -0.99 0.00 | 31.85 -0.98 0.00 | 37.20 -1.03 0.00 | 41.83 -1.25 0.00 | 42.52 -1.36 0.00 | 38.92 -1.37 0.00 | 37.65 -1.25 0.00 | 31.06 -1.09 0.00 | 27.28 -1.05 0.00 | 24.31 -0.88 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 22.96 -1.26 0.00 | 20.81 -1.09 0.00 | 20.54 -1.10 0.00 | 20.17 -1.08 0.00 | 20.92 -1.12 0.00 | 21.26 -1.14 0.00 | 27.18 -1.37 0.00 | 28.92 -1.39 0.00 | 28.40 -1.37 0.00 | 26.46 -1.16 0.00 | 26.77 -1.06 0.00 | 27.42 -1.02 0.00 | 28.69 -1.01 0.00 | 29.99 -1.02 0.00 | 30.84 -0.99 0.00 | 31.85 -0.98 0.00 | 37.20 -1.03 0.00 | 41.83 -1.25 0.00 | 42.52 -1.36 0.00 | 38.92 -1.37 0.00 | 37.65 -1.25 0.00 | 31.06 -1.09 0.00 | 27.28 -1.05 0.00 | 24.31 -0.88 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 23.08 -1.14 0.00 | 21.08 -0.83 0.00 | 20.76 -0.89 0.00 | 20.49 -0.76 0.00 | 21.27 -0.77 0.00 | 21.64 -0.76 0.00 | 27.83 -0.71 0.00 | 29.65 -0.67 0.00 | 29.03 -0.74 0.00 | 27.07 -0.55 0.00 | 27.50 -0.33 0.00 | 28.19 -0.26 0.00 | 29.43 -0.27 0.00 | 30.74 -0.28 0.00 | 31.57 -0.26 0.00 | 32.47 -0.36 0.00 | 37.96 -0.27 0.00 | 42.52 -0.56 0.00 | 43.09 -0.79 0.00 | 39.44 -0.85 0.00 | 38.27 -0.62 0.00 | 31.64 -0.52 0.00 | 27.70 -0.62 0.00 | 24.76 -0.43 0.00 |
| MARSHVLE_115KV_TB1 80742 | 26.23 2.01 0.00 | 23.75 1.84 0.00 | 23.42 1.77 0.00 | 22.98 1.72 0.00 | 23.89 1.85 0.00 | 24.35 1.95 0.00 | 31.26 2.71 0.00 | 32.98 2.67 0.00 | 32.18 2.41 0.00 | 29.36 1.74 0.00 | 29.33 1.50 0.00 | 29.98 1.54 0.00 | 31.33 1.63 0.00 | 32.72 1.71 0.00 | 33.64 1.81 0.00 | 35.07 2.23 0.00 | 41.51 3.29 0.00 | 47.35 4.27 0.00 | 48.35 4.48 0.00 | 44.40 4.11 0.00 | 42.59 3.69 0.00 | 35.11 2.96 0.00 | 30.82 2.49 0.00 | 27.33 2.14 0.00 |
| MARSH_HILL_WT_PWR 323713 | 24.68 0.46 0.00 | 22.11 0.20 0.00 | 22.01 0.37 0.00 | 21.72 0.47 0.00 | 22.55 0.51 0.00 | 23.20 0.81 0.00 | 29.34 0.80 0.00 | 31.25 0.94 0.00 | 30.99 1.22 0.00 | 29.17 1.55 0.00 | 29.05 1.22 0.00 | 29.95 1.51 0.00 | 31.09 1.40 0.00 | 32.69 1.67 0.00 | 33.76 1.94 0.00 | 34.51 1.67 0.00 | 40.02 1.80 0.00 | 44.37 1.29 0.00 | 45.45 1.58 0.00 | 41.70 1.41 0.00 | 39.59 0.70 0.00 | 33.09 0.93 0.00 | 29.66 1.33 0.00 | 26.55 1.36 0.00 |
| MCINTYRE_115KV_TB2 80467 | 23.78 -0.44 0.00 | 21.71 -0.20 0.00 | 21.38 -0.26 0.00 | 21.09 -0.17 0.00 | 21.89 -0.15 0.00 | 22.29 -0.11 0.00 | 28.63 0.09 0.00 | 30.43 0.12 0.00 | 29.68 -0.09 0.00 | 27.57 -0.06 0.00 | 27.80 -0.03 0.00 | 28.48 0.03 0.00 | 29.58 -0.12 0.00 | 30.77 -0.25 0.00 | 31.57 -0.25 0.00 | 32.47 -0.36 0.00 | 37.85 -0.38 0.00 | 42.48 -0.60 0.00 | 43.35 -0.53 0.00 | 39.81 -0.48 0.00 | 38.74 -0.16 0.00 | 32.12 -0.03 0.00 | 28.19 -0.14 0.00 | 25.22 0.03 0.00 |
| MECO_____69_KV_BK1 80468 | 26.40 2.18 0.00 | 23.90 1.99 0.00 | 23.55 1.90 0.00 | 23.11 1.85 0.00 | 24.00 1.96 0.00 | 24.48 2.08 0.00 | 31.40 2.85 0.00 | 33.16 2.85 0.00 | 32.39 2.62 0.00 | 29.70 2.07 0.00 | 29.78 1.95 0.00 | 30.38 1.93 0.00 | 31.78 2.08 0.00 | 33.16 2.14 0.00 | 34.02 2.20 0.00 | 35.36 2.53 0.00 | 41.59 3.36 0.00 | 47.52 4.44 0.00 | 48.53 4.65 0.00 | 44.56 4.27 0.00 | 42.71 3.81 0.00 | 35.21 3.05 0.00 | 30.93 2.61 0.00 | 27.44 2.24 0.00 |
| MENANDS___115KV_TB5 355628 | 25.12 0.90 0.00 | 22.68 0.77 0.00 | 22.42 0.78 0.00 | 22.00 0.74 0.00 | 22.81 0.77 0.00 | 23.16 0.76 0.00 | 29.57 1.03 0.00 | 31.37 1.06 0.00 | 30.66 0.89 0.00 | 28.31 0.69 0.00 | 28.55 0.72 0.00 | 29.07 0.63 0.00 | 30.38 0.68 0.00 | 31.70 0.68 0.00 | 32.52 0.70 0.00 | 33.65 0.82 0.00 | 39.26 1.03 0.00 | 44.76 1.68 0.00 | 45.59 1.71 0.00 | 41.86 1.57 0.00 | 40.22 1.32 0.00 | 33.22 1.06 0.00 | 29.18 0.85 0.00 | 26.00 0.81 0.00 |
| MG INDUSTRY___DRP 24185 | 25.04 0.82 0.00 | 22.65 0.74 0.00 | 22.40 0.76 0.00 | 21.98 0.72 0.00 | 22.79 0.75 0.00 | 23.11 0.72 0.00 | 29.52 0.97 0.00 | 31.25 0.94 0.00 | 30.54 0.77 0.00 | 28.18 0.55 0.00 | 28.36 0.53 0.00 | 28.87 0.43 0.00 | 30.17 0.48 0.00 | 31.48 0.47 0.00 | 32.33 0.51 0.00 | 33.46 0.62 0.00 | 39.07 0.84 0.00 | 44.55 1.46 0.00 | 45.41 1.54 0.00 | 41.70 1.41 0.00 | 40.10 1.21 0.00 | 33.15 1.00 0.00 | 29.15 0.82 0.00 | 25.97 0.78 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 23.76 -0.46 0.00 | 21.62 -0.28 0.00 | 21.32 -0.32 0.00 | 20.98 -0.28 0.00 | 21.78 -0.26 0.00 | 22.20 -0.20 0.00 | 28.49 -0.06 0.00 | 30.31 0.00 0.00 | 29.74 -0.03 0.00 | 27.62 0.00 0.00 | 27.78 -0.06 0.00 | 28.45 0.00 0.00 | 29.58 -0.12 0.00 | 30.86 -0.16 0.00 | 31.66 -0.16 0.00 | 32.57 -0.26 0.00 | 37.96 -0.27 0.00 | 42.70 -0.39 0.00 | 43.61 -0.26 0.00 | 40.05 -0.24 0.00 | 38.89 0.00 0.00 | 32.25 0.10 0.00 | 28.33 0.00 0.00 | 25.29 0.10 0.00 |
| MID___RAQUETTE_HYD 23851 | 23.52 -0.70 0.00 | 21.45 -0.46 0.00 | 21.12 -0.52 0.00 | 20.83 -0.43 0.00 | 21.60 -0.44 0.00 | 21.99 -0.40 0.00 | 28.23 -0.31 0.00 | 30.04 -0.27 0.00 | 29.35 -0.42 0.00 | 27.29 -0.33 0.00 | 27.55 -0.28 0.00 | 28.19 -0.26 0.00 | 29.25 -0.45 0.00 | 30.36 -0.65 0.00 | 31.19 -0.64 0.00 | 31.98 -0.85 0.00 | 37.23 -0.99 0.00 | 41.75 -1.34 0.00 | 42.52 -1.36 0.00 | 39.00 -1.29 0.00 | 38.04 -0.86 0.00 | 31.61 -0.55 0.00 | 27.70 -0.62 0.00 | 24.89 -0.30 0.00 |
| MILLIKEN___1 23584 | 24.66 0.44 0.00 | 22.28 0.37 0.00 | 22.01 0.37 0.00 | 21.62 0.36 0.00 | 22.46 0.42 0.00 | 22.91 0.52 0.00 | 29.14 0.60 0.00 | 31.04 0.73 0.00 | 30.66 0.89 0.00 | 28.42 0.80 0.00 | 28.44 0.61 0.00 | 29.19 0.74 0.00 | 30.47 0.77 0.00 | 31.88 0.87 0.00 | 32.71 0.89 0.00 | 33.69 0.85 0.00 | 39.18 0.96 0.00 | 44.07 0.99 0.00 | 44.97 1.10 0.00 | 41.38 1.09 0.00 | 39.79 0.89 0.00 | 32.86 0.71 0.00 | 29.09 0.76 0.00 | 25.82 0.63 0.00 |
| MILLIKEN___2 23585 | 24.66 0.44 0.00 | 22.28 0.37 0.00 | 22.01 0.37 0.00 | 21.62 0.36 0.00 | 22.46 0.42 0.00 | 22.91 0.52 0.00 | 29.14 0.60 0.00 | 31.04 0.73 0.00 | 30.66 0.89 0.00 | 28.42 0.80 0.00 | 28.44 0.61 0.00 | 29.19 0.74 0.00 | 30.47 0.77 0.00 | 31.88 0.87 0.00 | 32.71 0.89 0.00 | 33.69 0.85 0.00 | 39.18 0.96 0.00 | 44.07 0.99 0.00 | 44.97 1.10 0.00 | 41.38 1.09 0.00 | 39.79 0.89 0.00 | 32.86 0.71 0.00 | 29.09 0.76 0.00 | 25.82 0.63 0.00 |
| MILLIKEN___DIESEL 23629 | 24.66 0.44 0.00 | 22.28 0.37 0.00 | 22.01 0.37 0.00 | 21.62 0.36 0.00 | 22.46 0.42 0.00 | 22.91 0.52 0.00 | 29.14 0.60 0.00 | 31.04 0.73 0.00 | 30.66 0.89 0.00 | 28.42 0.80 0.00 | 28.44 0.61 0.00 | 29.19 0.74 0.00 | 30.47 0.77 0.00 | 31.88 0.87 0.00 | 32.71 0.89 0.00 | 33.69 0.85 0.00 | 39.18 0.96 0.00 | 44.07 0.99 0.00 | 44.97 1.10 0.00 | 41.38 1.09 0.00 | 39.79 0.89 0.00 | 32.86 0.71 0.00 | 29.09 0.76 0.00 | 25.82 0.63 0.00 |
| MILLSEAT___LFGE 323607 | 23.76 -0.46 0.00 | 21.41 -0.50 0.00 | 20.97 -0.67 0.00 | 20.68 -0.57 0.00 | 21.47 -0.57 0.00 | 22.06 -0.34 0.00 | 27.83 -0.71 0.00 | 29.46 -0.85 0.00 | 29.44 -0.33 0.00 | 27.71 0.08 0.00 | 27.78 -0.06 0.00 | 28.70 0.26 0.00 | 29.58 -0.12 0.00 | 31.05 0.03 0.00 | 31.76 -0.06 0.00 | 32.24 -0.59 0.00 | 37.16 -1.07 0.00 | 41.06 -2.02 0.00 | 41.99 -1.89 0.00 | 38.68 -1.61 0.00 | 36.75 -2.14 0.00 | 31.00 -1.16 0.00 | 28.36 0.03 0.00 | 25.45 0.25 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 25.89 1.67 0.00 | 23.27 1.36 0.00 | 22.99 1.34 0.00 | 22.53 1.28 0.00 | 23.36 1.32 0.00 | 23.74 1.34 0.00 | 30.40 1.86 0.00 | 32.34 2.03 0.00 | 31.71 1.94 0.00 | 29.25 1.63 0.00 | 29.53 1.70 0.00 | 30.10 1.65 0.00 | 31.48 1.78 0.00 | 32.88 1.86 0.00 | 33.73 1.91 0.00 | 34.93 2.10 0.00 | 40.67 2.45 0.00 | 46.36 3.27 0.00 | 47.12 3.25 0.00 | 43.27 2.98 0.00 | 41.58 2.68 0.00 | 34.28 2.12 0.00 | 30.06 1.73 0.00 | 26.78 1.59 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 25.96 1.74 0.00 | 23.31 1.40 0.00 | 23.05 1.41 0.00 | 22.58 1.32 0.00 | 23.41 1.37 0.00 | 23.81 1.41 0.00 | 30.46 1.91 0.00 | 32.40 2.09 0.00 | 31.79 2.02 0.00 | 29.34 1.71 0.00 | 29.58 1.75 0.00 | 30.18 1.74 0.00 | 31.57 1.87 0.00 | 32.97 1.95 0.00 | 33.86 2.04 0.00 | 35.03 2.20 0.00 | 40.79 2.56 0.00 | 46.49 3.40 0.00 | 47.30 3.42 0.00 | 43.39 3.10 0.00 | 41.69 2.80 0.00 | 34.34 2.19 0.00 | 30.11 1.78 0.00 | 26.83 1.64 0.00 |
| MODEL_CITY_ENERGY 24167 | 23.20 -1.02 0.00 | 20.90 -1.01 0.00 | 20.50 -1.15 0.00 | 20.19 -1.06 0.00 | 20.96 -1.08 0.00 | 21.50 -0.90 0.00 | 27.06 -1.49 0.00 | 28.52 -1.79 0.00 | 28.52 -1.25 0.00 | 26.91 -0.72 0.00 | 27.00 -0.83 0.00 | 27.88 -0.57 0.00 | 28.69 -1.01 0.00 | 30.12 -0.90 0.00 | 30.80 -1.02 0.00 | 31.29 -1.54 0.00 | 36.05 -2.18 0.00 | 39.72 -3.36 0.00 | 40.59 -3.29 0.00 | 37.39 -2.90 0.00 | 35.51 -3.38 0.00 | 30.00 -2.15 0.00 | 27.62 -0.71 0.00 | 24.84 -0.35 0.00 |
| MODERN_LFGE___ 323580 | 23.20 -1.02 0.00 | 20.90 -1.01 0.00 | 20.50 -1.15 0.00 | 20.19 -1.06 0.00 | 20.96 -1.08 0.00 | 21.50 -0.90 0.00 | 27.06 -1.49 0.00 | 28.52 -1.79 0.00 | 28.52 -1.25 0.00 | 26.91 -0.72 0.00 | 27.00 -0.83 0.00 | 27.88 -0.57 0.00 | 28.69 -1.01 0.00 | 30.12 -0.90 0.00 | 30.80 -1.02 0.00 | 31.29 -1.54 0.00 | 36.05 -2.18 0.00 | 39.72 -3.36 0.00 | 40.59 -3.29 0.00 | 37.39 -2.90 0.00 | 35.51 -3.38 0.00 | 30.00 -2.15 0.00 | 27.62 -0.71 0.00 | 24.84 -0.35 0.00 |
| MOHAWK_PAPER___DRP 24187 | 25.24 1.02 0.00 | 22.79 0.88 0.00 | 22.53 0.89 0.00 | 22.11 0.85 0.00 | 22.92 0.88 0.00 | 23.27 0.87 0.00 | 29.72 1.17 0.00 | 31.56 1.24 0.00 | 30.84 1.07 0.00 | 28.48 0.86 0.00 | 28.72 0.89 0.00 | 29.24 0.80 0.00 | 30.56 0.86 0.00 | 31.88 0.87 0.00 | 32.71 0.89 0.00 | 33.85 1.02 0.00 | 39.49 1.26 0.00 | 45.02 1.94 0.00 | 45.90 2.02 0.00 | 42.10 1.81 0.00 | 40.45 1.56 0.00 | 33.41 1.25 0.00 | 29.35 1.02 0.00 | 26.15 0.96 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 26.04 1.82 0.00 | 23.55 1.64 0.00 | 23.22 1.58 0.00 | 22.77 1.51 0.00 | 23.63 1.59 0.00 | 24.08 1.68 0.00 | 30.83 2.28 0.00 | 32.68 2.36 0.00 | 32.00 2.23 0.00 | 29.53 1.91 0.00 | 29.72 1.89 0.00 | 30.32 1.88 0.00 | 31.66 1.96 0.00 | 33.00 1.99 0.00 | 33.79 1.97 0.00 | 35.00 2.17 0.00 | 40.87 2.64 0.00 | 46.75 3.66 0.00 | 47.69 3.82 0.00 | 43.80 3.51 0.00 | 42.01 3.11 0.00 | 34.63 2.48 0.00 | 30.42 2.10 0.00 | 27.06 1.86 0.00 |
| MONGAUP___HYD 23641 | 25.65 1.43 0.00 | 23.09 1.18 0.00 | 22.79 1.15 0.00 | 22.36 1.10 0.00 | 23.19 1.15 0.00 | 23.58 1.19 0.00 | 30.17 1.63 0.00 | 31.98 1.67 0.00 | 31.38 1.61 0.00 | 28.90 1.27 0.00 | 29.08 1.25 0.00 | 29.61 1.17 0.00 | 31.07 1.37 0.00 | 32.41 1.40 0.00 | 33.29 1.46 0.00 | 34.57 1.74 0.00 | 40.29 2.06 0.00 | 45.93 2.84 0.00 | 46.82 2.94 0.00 | 43.03 2.74 0.00 | 41.35 2.45 0.00 | 33.95 1.80 0.00 | 29.83 1.50 0.00 | 26.53 1.33 0.00 |
| MONTAUK___DIESEL 23721 | 28.50 0.75 -3.53 | 25.02 0.53 -2.58 | 24.79 0.54 -2.61 | 24.49 0.57 -2.66 | 24.23 0.57 -1.62 | 23.72 0.43 -0.90 | 27.44 0.77 1.87 | 32.82 1.06 -1.45 | 32.22 0.95 -1.49 | 23.85 0.58 4.36 | 30.59 0.72 -2.04 | 31.51 0.68 -2.38 | 24.39 0.74 6.05 | 30.74 0.81 1.08 | 30.73 0.89 1.99 | 25.69 1.05 8.20 | 39.57 1.34 0.00 | 47.75 2.89 -1.78 | 46.77 2.90 0.00 | 42.91 2.62 0.00 | 41.07 2.18 0.00 | 35.40 1.54 -1.70 | 31.10 1.10 -1.67 | 29.67 0.88 -3.59 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 23.95 -0.27 0.00 | 21.52 -0.39 0.00 | 21.10 -0.54 0.00 | 20.87 -0.38 0.00 | 21.75 -0.29 0.00 | 22.40 0.00 0.00 | 28.40 -0.14 0.00 | 30.07 -0.24 0.00 | 29.86 0.09 0.00 | 28.18 0.55 0.00 | 28.25 0.42 0.00 | 29.19 0.74 0.00 | 30.17 0.48 0.00 | 31.85 0.84 0.00 | 32.81 0.99 0.00 | 33.29 0.46 0.00 | 38.46 0.23 0.00 | 42.22 -0.86 0.00 | 43.31 -0.57 0.00 | 39.81 -0.48 0.00 | 38.12 -0.78 0.00 | 31.61 -0.55 0.00 | 28.78 0.45 0.00 | 25.37 0.18 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MORRIS RIDGE___SOLAR 323848 | 23.86 -0.36 0.00 | 21.49 -0.42 0.00 | 21.12 -0.52 0.00 | 20.79 -0.47 0.00 | 21.60 -0.44 0.00 | 22.13 -0.27 0.00 | 27.97 -0.57 0.00 | 29.74 -0.58 0.00 | 29.56 -0.21 0.00 | 27.73 0.11 0.00 | 27.78 -0.06 0.00 | 28.62 0.17 0.00 | 29.61 -0.09 0.00 | 31.11 0.09 0.00 | 31.92 0.10 0.00 | 32.61 -0.23 0.00 | 37.69 -0.54 0.00 | 41.83 -1.25 0.00 | 42.74 -1.14 0.00 | 39.37 -0.93 0.00 | 37.46 -1.44 0.00 | 31.38 -0.77 0.00 | 28.38 0.06 0.00 | 25.45 0.25 0.00 |
| MORTIMER_115KV_TB3 55949 | 23.69 -0.53 0.00 | 21.36 -0.55 0.00 | 20.99 -0.65 0.00 | 20.68 -0.57 0.00 | 21.44 -0.60 0.00 | 21.95 -0.45 0.00 | 27.80 -0.74 0.00 | 29.43 -0.88 0.00 | 29.32 -0.45 0.00 | 27.49 -0.14 0.00 | 27.58 -0.25 0.00 | 28.48 0.03 0.00 | 29.43 -0.27 0.00 | 30.83 -0.19 0.00 | 31.57 -0.25 0.00 | 32.18 -0.66 0.00 | 37.16 -1.07 0.00 | 41.32 -1.77 0.00 | 42.17 -1.71 0.00 | 38.84 -1.45 0.00 | 37.53 -1.36 0.00 | 31.06 -1.09 0.00 | 28.10 -0.23 0.00 | 24.74 -0.45 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 26.08 1.87 0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.59 2.06 0.01 | 31.69 2.27 0.90 | 29.21 2.20 2.76 | 25.39 1.88 4.12 | 25.03 1.92 4.72 | 24.23 1.88 6.09 | 21.22 2.05 10.53 | 24.04 2.11 9.08 | 25.82 2.20 8.19 | 28.23 2.36 6.97 | 37.37 2.75 3.61 | 46.64 3.58 0.01 | 47.47 3.60 0.00 | 43.59 3.30 0.01 | 41.14 2.99 0.75 | 34.49 2.35 0.01 | 30.28 1.95 0.01 | 26.97 1.79 0.01 |
| MUNSVILLE_WIND_PWR 323609 | 25.75 1.53 0.00 | 23.40 1.49 0.00 | 23.01 1.36 0.00 | 22.64 1.38 0.00 | 23.60 1.57 0.00 | 24.10 1.70 0.00 | 30.91 2.37 0.00 | 32.89 2.58 0.00 | 32.27 2.50 0.00 | 29.94 2.32 0.00 | 29.84 2.00 0.00 | 30.84 2.39 0.00 | 32.19 2.49 0.00 | 33.56 2.54 0.00 | 34.46 2.64 0.00 | 35.56 2.72 0.00 | 41.47 3.25 0.00 | 46.79 3.71 0.00 | 47.87 3.99 0.00 | 44.00 3.70 0.00 | 42.24 3.35 0.00 | 34.92 2.77 0.00 | 30.85 2.52 0.00 | 27.31 2.12 0.00 |
| N SALMON___HYD 24042 | 23.40 -0.82 0.00 | 21.41 -0.50 0.00 | 21.06 -0.58 0.00 | 20.79 -0.47 0.00 | 21.58 -0.46 0.00 | 21.97 -0.43 0.00 | 28.29 -0.26 0.00 | 30.13 -0.18 0.00 | 29.44 -0.33 0.00 | 27.46 -0.16 0.00 | 27.83 0.00 0.00 | 28.50 0.06 0.00 | 29.70 0.00 0.00 | 30.99 -0.03 0.00 | 31.82 0.00 0.00 | 32.67 -0.16 0.00 | 38.19 -0.04 0.00 | 42.83 -0.26 0.00 | 43.48 -0.40 0.00 | 39.85 -0.44 0.00 | 38.70 -0.19 0.00 | 32.03 -0.13 0.00 | 28.04 -0.28 0.00 | 25.09 -0.10 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 23.76 -0.46 0.00 | 21.41 -0.50 0.00 | 20.97 -0.67 0.00 | 20.68 -0.57 0.00 | 21.47 -0.57 0.00 | 22.06 -0.34 0.00 | 27.83 -0.71 0.00 | 29.43 -0.88 0.00 | 29.44 -0.33 0.00 | 27.71 0.08 0.00 | 27.78 -0.06 0.00 | 28.67 0.23 0.00 | 29.55 -0.15 0.00 | 31.05 0.03 0.00 | 31.76 -0.06 0.00 | 32.24 -0.59 0.00 | 37.20 -1.03 0.00 | 41.06 -2.02 0.00 | 41.95 -1.93 0.00 | 38.68 -1.61 0.00 | 37.38 -1.52 0.00 | 30.96 -1.19 0.00 | 28.36 0.03 0.00 | 24.99 -0.20 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 29.95 2.20 -3.53 | 26.31 1.82 -2.58 | 26.05 1.80 -2.61 | 25.62 1.70 -2.66 | 25.42 1.76 -1.62 | 29.43 1.81 -5.22 | 32.80 2.45 -1.80 | 34.42 2.67 -1.45 | 33.85 2.59 -1.49 | 31.82 2.24 -1.96 | 32.18 2.31 -2.04 | 33.31 2.30 -2.56 | 32.67 2.46 -0.51 | 33.97 2.57 -0.38 | 34.92 2.64 -0.45 | 35.66 2.82 0.00 | 41.29 3.06 0.00 | 49.13 4.27 -1.78 | 48.09 4.21 0.00 | 44.16 3.87 0.00 | 42.32 3.42 0.00 | 36.68 2.83 -1.70 | 32.34 2.35 -1.67 | 30.93 2.14 -3.59 |
| N.E_GEN_SANDY PD 24062 | 25.60 1.38 0.00 | 23.07 1.16 0.00 | 22.79 1.15 0.00 | 22.36 1.10 0.00 | 23.16 1.12 0.00 | 23.56 1.16 0.00 | 30.00 1.46 0.00 | 31.89 1.58 0.00 | 31.17 1.40 0.00 | 28.73 1.11 0.00 | 29.00 1.17 0.00 | 29.50 1.05 0.00 | 30.83 1.13 0.00 | 32.16 1.15 0.00 | 33.00 1.18 0.00 | 34.15 1.31 0.00 | 39.87 1.64 0.00 | 45.49 2.41 0.00 | 46.38 2.50 0.00 | 42.55 2.25 0.00 | 40.95 2.06 0.00 | 33.79 1.64 0.00 | 29.66 1.33 0.00 | 26.40 1.21 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 25.87 1.65 0.00 | 23.25 1.34 0.00 | 22.96 1.32 0.00 | 22.51 1.25 0.00 | 23.34 1.30 0.00 | 23.74 1.34 0.00 | 30.37 1.83 0.00 | 32.31 2.00 0.00 | 31.77 1.99 0.00 | 29.31 1.69 0.00 | 29.56 1.73 0.00 | 30.13 1.68 0.00 | 31.54 1.84 0.00 | 32.94 1.92 0.00 | 33.79 1.97 0.00 | 35.00 2.17 0.00 | 40.75 2.52 0.00 | 46.40 3.32 0.00 | 47.26 3.38 0.00 | 43.27 2.98 0.00 | 41.58 2.68 0.00 | 34.24 2.09 0.00 | 30.06 1.73 0.00 | 26.78 1.59 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 25.94 1.72 0.00 | 23.33 1.42 0.01 | 23.02 1.39 0.01 | 22.55 1.30 0.01 | 23.35 1.32 0.01 | 23.73 1.34 0.01 | 30.39 1.83 -0.02 | 33.45 2.15 -0.98 | 34.89 2.08 -3.03 | 33.91 1.77 -4.51 | 34.85 1.84 -5.18 | 36.92 1.79 -6.68 | 43.21 1.96 -11.55 | 43.02 2.05 -9.96 | 42.91 2.10 -8.99 | 42.74 2.27 -7.64 | 44.82 2.64 -3.96 | 46.55 3.45 -0.02 | 47.16 3.29 0.01 | 43.35 3.06 0.00 | 42.51 2.80 -0.82 | 34.23 2.06 -0.02 | 30.11 1.78 0.00 | 26.81 1.61 0.00 |
| N.TROY___115KV_TB1 355778 | 25.48 1.26 0.00 | 23.01 1.10 0.00 | 22.73 1.08 0.00 | 22.30 1.04 0.00 | 23.12 1.08 0.00 | 23.52 1.12 0.00 | 30.00 1.46 0.00 | 31.86 1.55 0.00 | 31.11 1.34 0.00 | 28.73 1.10 0.00 | 28.97 1.14 0.00 | 29.50 1.05 0.00 | 30.80 1.10 0.00 | 32.13 1.12 0.00 | 32.97 1.15 0.00 | 34.11 1.28 0.00 | 39.83 1.61 0.00 | 45.41 2.33 0.00 | 46.29 2.41 0.00 | 42.51 2.22 0.00 | 40.84 1.94 0.00 | 33.73 1.58 0.00 | 29.63 1.30 0.00 | 26.43 1.23 0.00 |
| NARROWS_GT1_1 24228 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT1_2 24229 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT1_3 24230 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT1_4 24231 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |

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|---|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_5 24232 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT1_6 24233 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT1_7 24234 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT1_8 24235 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT2_1 24236 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT2_2 24237 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT2_3 24238 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT2_4 24239 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT2_5 24240 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT2_6 24241 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT2_7 24242 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NARROWS_GT2_8 24243 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 25.26 1.04 0.00 | 22.87 0.96 0.00 | 22.60 0.95 0.00 | 22.17 0.91 0.00 | 23.01 0.97 0.00 | 23.36 0.96 0.00 | 29.92 1.37 0.00 | 31.59 1.27 0.00 | 30.84 1.07 0.00 | 28.31 0.69 0.00 | 28.47 0.64 0.00 | 28.96 0.51 0.00 | 30.35 0.65 0.00 | 31.61 0.59 0.00 | 32.43 0.60 0.00 | 33.72 0.89 0.00 | 39.41 1.19 0.00 | 45.11 2.02 0.00 | 46.16 2.28 0.00 | 42.35 2.05 0.00 | 40.61 1.71 0.00 | 33.47 1.32 0.00 | 29.40 1.08 0.00 | 26.20 1.01 0.00 |
| NCHELSEA_115KV_TR2 355582 | 25.89 1.67 0.00 | 23.29 1.38 0.00 | 23.01 1.36 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.79 1.39 0.00 | 30.40 1.86 0.00 | 32.28 1.97 0.00 | 31.71 1.94 0.00 | 29.20 1.57 0.00 | 29.47 1.64 0.00 | 30.01 1.56 0.00 | 31.48 1.78 0.00 | 32.81 1.80 0.00 | 33.70 1.88 0.00 | 34.93 2.10 0.00 | 40.67 2.45 0.00 | 46.36 3.27 0.00 | 47.21 3.33 0.00 | 43.35 3.06 0.00 | 41.62 2.72 0.00 | 34.24 2.09 0.00 | 30.06 1.73 0.00 | 26.78 1.59 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 25.77 1.55 0.00 | 23.29 1.38 0.00 | 22.96 1.32 0.00 | 22.53 1.28 0.00 | 23.36 1.32 0.00 | 23.79 1.39 0.00 | 30.37 1.83 0.00 | 32.25 1.94 0.00 | 31.53 1.76 0.00 | 29.11 1.49 0.00 | 29.33 1.50 0.00 | 29.90 1.45 0.00 | 31.24 1.54 0.00 | 32.57 1.55 0.00 | 33.38 1.56 0.00 | 34.57 1.74 0.00 | 40.37 2.14 0.00 | 46.05 2.97 0.00 | 46.95 3.07 0.00 | 43.11 2.82 0.00 | 41.42 2.53 0.00 | 34.18 2.03 0.00 | 30.03 1.70 0.00 | 26.68 1.49 0.00 |

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| NEG CENTRAL_HIGH_ACRES 23767 | 23.33 -0.90 0.00 | 21.05 -0.85 0.00 | 20.71 -0.93 0.00 | 20.38 -0.87 0.00 | 21.16 -0.88 0.00 | 21.66 -0.74 0.00 | 27.43 -1.11 0.00 | 29.07 -1.24 0.00 | 28.94 -0.83 0.00 | 27.10 -0.53 0.00 | 27.16 -0.67 0.00 | 28.02 -0.43 0.00 | 29.04 -0.65 0.00 | 30.43 -0.59 0.00 | 31.12 -0.70 0.00 | 31.78 -1.05 0.00 | 36.70 -1.53 0.00 | 40.89 -2.20 0.00 | 41.68 -2.19 0.00 | 38.36 -1.93 0.00 | 36.64 -2.26 0.00 | 30.68 -1.48 0.00 | 27.65 -0.68 0.00 | 24.64 -0.55 0.00 |
| NEG CENTRAL___DRP 24199 | 24.08 -0.15 0.00 | 21.73 -0.18 0.00 | 21.43 -0.22 0.00 | 21.07 -0.19 0.00 | 21.86 -0.18 0.00 | 22.35 -0.04 0.00 | 28.40 -0.14 0.00 | 30.19 -0.12 0.00 | 30.01 0.24 0.00 | 27.87 0.25 0.00 | 27.91 0.08 0.00 | 28.67 0.23 0.00 | 29.85 0.15 0.00 | 31.26 0.25 0.00 | 32.04 0.22 0.00 | 32.90 0.07 0.00 | 38.07 -0.15 0.00 | 42.61 -0.47 0.00 | 43.48 -0.39 0.00 | 39.97 -0.32 0.00 | 38.47 -0.43 0.00 | 31.90 -0.26 0.00 | 28.38 0.06 0.00 | 25.17 -0.03 0.00 |
| NEG CENTRAL___INDECK 23768 | 24.46 0.24 0.00 | 22.04 0.13 0.00 | 21.64 0.00 0.00 | 21.32 0.06 0.00 | 22.13 0.09 0.00 | 22.73 0.34 0.00 | 28.80 0.26 0.00 | 30.71 0.39 0.00 | 30.48 0.71 0.00 | 28.45 0.83 0.00 | 28.33 0.50 0.00 | 29.19 0.74 0.00 | 30.06 0.36 0.00 | 31.64 0.62 0.00 | 32.49 0.67 0.00 | 33.23 0.40 0.00 | 38.53 0.30 0.00 | 43.04 -0.04 0.00 | 44.10 0.22 0.00 | 40.65 0.36 0.00 | 38.74 -0.15 0.00 | 32.38 0.23 0.00 | 29.23 0.91 0.00 | 26.10 0.91 0.00 |
| NEG CENTRAL___SENECA 23627 | 24.15 -0.07 0.00 | 21.78 -0.13 0.00 | 21.47 -0.17 0.00 | 21.13 -0.13 0.00 | 21.95 -0.09 0.00 | 22.46 0.07 0.00 | 28.52 -0.03 0.00 | 30.31 0.00 0.00 | 30.13 0.36 0.00 | 28.09 0.47 0.00 | 28.08 0.25 0.00 | 28.93 0.48 0.00 | 30.05 0.36 0.00 | 31.51 0.50 0.00 | 32.30 0.48 0.00 | 33.10 0.26 0.00 | 38.23 0.00 0.00 | 42.65 -0.43 0.00 | 43.53 -0.35 0.00 | 40.05 -0.24 0.00 | 38.54 -0.35 0.00 | 32.03 -0.13 0.00 | 28.61 0.28 0.00 | 25.34 0.15 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 24.08 -0.15 0.00 | 21.73 -0.18 0.00 | 21.47 -0.17 0.00 | 21.09 -0.17 0.00 | 21.89 -0.15 0.00 | 22.33 -0.07 0.00 | 28.37 -0.17 0.00 | 30.13 -0.18 0.00 | 30.01 0.24 0.00 | 27.73 0.11 0.00 | 27.83 0.00 0.00 | 28.56 0.11 0.00 | 29.79 0.09 0.00 | 31.20 0.19 0.00 | 31.95 0.13 0.00 | 32.83 0.00 0.00 | 38.11 -0.11 0.00 | 42.78 -0.30 0.00 | 43.61 -0.26 0.00 | 40.09 -0.20 0.00 | 38.58 -0.31 0.00 | 31.93 -0.23 0.00 | 28.30 -0.03 0.00 | 25.09 -0.10 0.00 |
| NEG MILLWOOD___DRP 24198 | 26.06 1.84 0.00 | 23.40 1.49 0.00 | 23.16 1.52 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.90 1.50 0.00 | 30.57 2.03 0.00 | 32.49 2.18 0.00 | 31.88 2.11 0.00 | 29.39 1.77 0.00 | 29.64 1.81 0.00 | 30.24 1.79 0.00 | 31.69 1.99 0.00 | 33.09 2.08 0.00 | 33.95 2.13 0.00 | 35.20 2.36 0.00 | 40.94 2.71 0.00 | 46.75 3.66 0.00 | 47.56 3.69 0.00 | 43.64 3.34 0.00 | 41.93 3.03 0.00 | 34.47 2.32 0.00 | 30.17 1.84 0.00 | 26.91 1.71 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 22.96 -1.26 0.00 | 21.08 -0.83 0.00 | 20.71 -0.93 0.00 | 20.45 -0.81 0.00 | 21.25 -0.79 0.00 | 21.64 -0.76 0.00 | 27.89 -0.66 0.00 | 29.77 -0.55 0.00 | 29.06 -0.71 0.00 | 27.13 -0.50 0.00 | 27.66 -0.17 0.00 | 28.39 -0.06 0.00 | 29.61 -0.09 0.00 | 30.95 -0.06 0.00 | 31.82 0.00 0.00 | 32.70 -0.13 0.00 | 38.27 0.04 0.00 | 42.87 -0.22 0.00 | 43.39 -0.48 0.00 | 39.69 -0.60 0.00 | 38.47 -0.43 0.00 | 31.80 -0.35 0.00 | 27.79 -0.54 0.00 | 24.89 -0.30 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 23.11 -1.11 0.00 | 21.10 -0.81 0.00 | 20.78 -0.87 0.00 | 20.49 -0.77 0.00 | 21.27 -0.77 0.00 | 21.64 -0.76 0.00 | 27.80 -0.74 0.00 | 29.62 -0.70 0.00 | 29.00 -0.77 0.00 | 27.04 -0.58 0.00 | 27.44 -0.39 0.00 | 28.11 -0.34 0.00 | 29.34 -0.36 0.00 | 30.64 -0.37 0.00 | 31.47 -0.35 0.00 | 32.41 -0.43 0.00 | 37.85 -0.38 0.00 | 42.39 -0.69 0.00 | 43.00 -0.88 0.00 | 39.36 -0.93 0.00 | 38.19 -0.70 0.00 | 31.58 -0.58 0.00 | 27.68 -0.65 0.00 | 24.76 -0.43 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 23.13 -1.09 0.00 | 21.21 -0.70 0.00 | 20.86 -0.78 0.00 | 20.60 -0.66 0.00 | 21.40 -0.64 0.00 | 21.81 -0.58 0.00 | 28.15 -0.40 0.00 | 30.01 -0.30 0.00 | 29.26 -0.51 0.00 | 27.32 -0.30 0.00 | 27.83 0.00 0.00 | 28.56 0.11 0.00 | 29.79 0.09 0.00 | 31.14 0.12 0.00 | 32.01 0.19 0.00 | 32.90 0.07 0.00 | 38.53 0.31 0.00 | 43.21 0.13 0.00 | 43.75 -0.13 0.00 | 40.01 -0.28 0.00 | 38.78 -0.12 0.00 | 32.06 -0.10 0.00 | 28.02 -0.31 0.00 | 25.07 -0.13 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 23.13 -1.09 0.00 | 21.21 -0.70 0.00 | 20.86 -0.78 0.00 | 20.60 -0.66 0.00 | 21.40 -0.64 0.00 | 21.81 -0.58 0.00 | 28.15 -0.40 0.00 | 30.01 -0.30 0.00 | 29.26 -0.51 0.00 | 27.32 -0.30 0.00 | 27.83 0.00 0.00 | 28.56 0.11 0.00 | 29.79 0.09 0.00 | 31.14 0.12 0.00 | 32.01 0.19 0.00 | 32.90 0.07 0.00 | 38.53 0.31 0.00 | 43.21 0.13 0.00 | 43.75 -0.13 0.00 | 40.01 -0.28 0.00 | 38.78 -0.12 0.00 | 32.06 -0.10 0.00 | 28.02 -0.31 0.00 | 25.07 -0.13 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 23.13 -1.09 0.00 | 21.21 -0.70 0.00 | 20.87 -0.78 0.00 | 20.60 -0.66 0.00 | 21.40 -0.64 0.00 | 21.81 -0.58 0.00 | 28.15 -0.40 0.00 | 30.01 -0.30 0.00 | 29.26 -0.51 0.00 | 27.32 -0.30 0.00 | 27.83 0.00 0.00 | 28.56 0.11 0.00 | 29.79 0.09 0.00 | 31.14 0.12 0.00 | 32.01 0.19 0.00 | 32.90 0.07 0.00 | 38.53 0.30 0.00 | 43.21 0.13 0.00 | 43.75 -0.13 0.00 | 40.01 -0.28 0.00 | 38.78 -0.12 0.00 | 32.06 -0.10 0.00 | 28.02 -0.31 0.00 | 25.04 -0.15 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 23.42 -0.80 0.00 | 21.10 -0.81 0.00 | 20.69 -0.95 0.00 | 20.41 -0.85 0.00 | 21.16 -0.88 0.00 | 21.73 -0.67 0.00 | 27.35 -1.20 0.00 | 28.86 -1.45 0.00 | 28.85 -0.92 0.00 | 27.18 -0.44 0.00 | 27.27 -0.56 0.00 | 28.16 -0.28 0.00 | 29.02 -0.68 0.00 | 30.49 -0.53 0.00 | 31.19 -0.64 0.00 | 31.65 -1.18 0.00 | 36.47 -1.76 0.00 | 40.15 -2.93 0.00 | 41.07 -2.81 0.00 | 37.87 -2.42 0.00 | 36.60 -2.29 0.00 | 30.32 -1.83 0.00 | 27.90 -0.42 0.00 | 24.64 -0.55 0.00 |
| NEG WEST___LANCASTR 23811 | 24.32 0.10 0.00 | 21.89 -0.02 0.00 | 21.49 -0.15 0.00 | 21.19 -0.06 0.00 | 22.00 -0.04 0.00 | 22.55 0.16 0.00 | 28.55 0.00 0.00 | 29.77 -0.55 0.00 | 29.68 -0.09 0.00 | 27.93 0.30 0.00 | 28.03 0.19 0.00 | 28.93 0.48 0.00 | 29.85 0.15 0.00 | 31.45 0.43 0.00 | 32.36 0.54 0.00 | 32.90 0.07 0.00 | 38.04 -0.19 0.00 | 41.88 -1.21 0.00 | 42.87 -1.01 0.00 | 39.53 -0.77 0.00 | 37.88 -1.01 0.00 | 31.48 -0.68 0.00 | 28.67 0.34 0.00 | 25.55 0.35 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 24.41 0.19 0.00 | 22.06 0.15 0.00 | 21.77 0.13 0.00 | 21.39 0.13 0.00 | 22.20 0.16 0.00 | 22.62 0.22 0.00 | 28.75 0.20 0.00 | 30.55 0.24 0.00 | 30.22 0.45 0.00 | 28.06 0.44 0.00 | 28.17 0.34 0.00 | 28.90 0.45 0.00 | 30.11 0.42 0.00 | 31.51 0.49 0.00 | 32.40 0.57 0.00 | 33.33 0.49 0.00 | 38.69 0.46 0.00 | 43.43 0.34 0.00 | 44.32 0.44 0.00 | 40.74 0.44 0.00 | 39.05 0.16 0.00 | 32.41 0.26 0.00 | 28.75 0.43 0.00 | 25.62 0.43 0.00 |
| NEG___GEN_MONROE 24207 | 23.76 -0.46 0.00 | 21.43 -0.48 0.00 | 21.04 -0.61 0.00 | 20.73 -0.53 0.00 | 21.51 -0.53 0.00 | 22.04 -0.36 0.00 | 27.86 -0.69 0.00 | 29.49 -0.82 0.00 | 29.38 -0.39 0.00 | 27.57 -0.06 0.00 | 27.64 -0.19 0.00 | 28.50 0.06 0.00 | 29.43 -0.27 0.00 | 30.83 -0.19 0.00 | 31.54 -0.29 0.00 | 32.11 -0.72 0.00 | 37.04 -1.19 0.00 | 41.19 -1.90 0.00 | 42.08 -1.80 0.00 | 38.84 -1.45 0.00 | 37.53 -1.36 0.00 | 31.06 -1.09 0.00 | 28.13 -0.20 0.00 | 24.79 -0.40 0.00 |

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|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEPA__ENERGY 23901 | 23.95 -0.27 0.00 | 21.54 -0.37 0.00 | 21.15 -0.50 0.00 | 20.85 -0.40 0.00 | 21.67 -0.37 0.00 | 22.22 -0.18 0.00 | 28.09 -0.46 0.00 | 29.55 -0.76 0.00 | 29.47 -0.30 0.00 | 27.71 0.08 0.00 | 27.80 -0.03 0.00 | 28.67 0.23 0.00 | 29.64 -0.06 0.00 | 31.20 0.19 0.00 | 32.14 0.32 0.00 | 32.73 -0.10 0.00 | 37.85 -0.38 0.00 | 41.66 -1.42 0.00 | 42.69 -1.18 0.00 | 39.36 -0.93 0.00 | 37.69 -1.21 0.00 | 31.32 -0.84 0.00 | 28.47 0.14 0.00 | 25.14 -0.05 0.00 |
| NEVERSink__HYD 23608 | 25.79 1.57 0.00 | 23.22 1.31 0.00 | 22.94 1.30 0.00 | 22.49 1.23 0.00 | 23.32 1.28 0.00 | 23.72 1.32 0.00 | 30.34 1.80 0.00 | 32.19 1.88 0.00 | 31.65 1.88 0.00 | 29.17 1.55 0.00 | 29.39 1.56 0.00 | 29.95 1.51 0.00 | 31.42 1.72 0.00 | 32.75 1.74 0.00 | 33.63 1.81 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.23 3.14 0.00 | 47.12 3.25 0.00 | 43.27 2.98 0.00 | 41.66 2.76 0.00 | 34.21 2.06 0.00 | 30.03 1.70 0.00 | 26.70 1.51 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 24.95 0.73 0.00 | 22.52 0.61 0.00 | 22.29 0.65 0.00 | 21.85 0.60 0.00 | 22.66 0.62 0.00 | 23.00 0.60 0.00 | 29.40 0.86 0.00 | 31.16 0.85 0.00 | 30.46 0.68 0.00 | 28.15 0.52 0.00 | 28.39 0.56 0.00 | 28.90 0.46 0.00 | 30.23 0.53 0.00 | 31.51 0.50 0.00 | 32.33 0.51 0.00 | 33.46 0.62 0.00 | 39.03 0.80 0.00 | 44.46 1.38 0.00 | 45.32 1.45 0.00 | 41.58 1.29 0.00 | 39.98 1.09 0.00 | 33.02 0.87 0.00 | 28.98 0.65 0.00 | 25.82 0.63 0.00 |
| NEWTON__FALLS_HYD 23847 | 23.76 -0.46 0.00 | 21.62 -0.28 0.00 | 21.32 -0.32 0.00 | 20.98 -0.28 0.00 | 21.78 -0.26 0.00 | 22.20 -0.20 0.00 | 28.49 -0.06 0.00 | 30.31 0.00 0.00 | 29.74 -0.03 0.00 | 27.62 0.00 0.00 | 27.78 -0.06 0.00 | 28.45 0.00 0.00 | 29.58 -0.12 0.00 | 30.86 -0.16 0.00 | 31.66 -0.16 0.00 | 32.57 -0.26 0.00 | 37.96 -0.27 0.00 | 42.70 -0.39 0.00 | 43.61 -0.26 0.00 | 40.05 -0.24 0.00 | 38.89 0.00 0.00 | 32.25 0.10 0.00 | 28.33 0.00 0.00 | 25.29 0.10 0.00 |
| NGRID_A1_DSASP 323792 | 22.99 -1.23 0.00 | 20.73 -1.18 0.00 | 20.32 -1.32 0.00 | 20.02 -1.23 0.00 | 20.76 -1.28 0.00 | 21.30 -1.10 0.00 | 26.78 -1.77 0.00 | 28.19 -2.12 0.00 | 28.22 -1.55 0.00 | 26.60 -1.02 0.00 | 26.72 -1.11 0.00 | 27.56 -0.88 0.00 | 28.36 -1.34 0.00 | 29.77 -1.24 0.00 | 30.42 -1.40 0.00 | 30.93 -1.91 0.00 | 35.59 -2.64 0.00 | 39.21 -3.88 0.00 | 40.06 -3.82 0.00 | 36.91 -3.38 0.00 | 35.04 -3.85 0.00 | 29.65 -2.51 0.00 | 27.34 -0.99 0.00 | 24.61 -0.58 0.00 |
| NGRID_A2_DSASP 323793 | 22.99 -1.23 0.00 | 20.73 -1.18 0.00 | 20.32 -1.32 0.00 | 20.02 -1.23 0.00 | 20.76 -1.28 0.00 | 21.30 -1.10 0.00 | 26.78 -1.77 0.00 | 28.19 -2.12 0.00 | 28.22 -1.55 0.00 | 26.60 -1.02 0.00 | 26.72 -1.11 0.00 | 27.56 -0.88 0.00 | 28.36 -1.34 0.00 | 29.77 -1.24 0.00 | 30.42 -1.40 0.00 | 30.93 -1.91 0.00 | 35.59 -2.64 0.00 | 39.21 -3.88 0.00 | 40.06 -3.82 0.00 | 36.91 -3.38 0.00 | 35.04 -3.85 0.00 | 29.65 -2.51 0.00 | 27.34 -0.99 0.00 | 24.61 -0.58 0.00 |
| NGRID_A4_DSASP 323807 | 22.99 -1.23 0.00 | 20.73 -1.18 0.00 | 20.32 -1.32 0.00 | 20.02 -1.23 0.00 | 20.76 -1.28 0.00 | 21.30 -1.10 0.00 | 26.78 -1.77 0.00 | 28.19 -2.12 0.00 | 28.22 -1.55 0.00 | 26.60 -1.02 0.00 | 26.72 -1.11 0.00 | 27.56 -0.88 0.00 | 28.36 -1.34 0.00 | 29.77 -1.24 0.00 | 30.42 -1.40 0.00 | 30.93 -1.91 0.00 | 35.59 -2.64 0.00 | 39.21 -3.88 0.00 | 40.06 -3.82 0.00 | 36.91 -3.38 0.00 | 35.04 -3.85 0.00 | 29.65 -2.51 0.00 | 27.34 -0.99 0.00 | 24.61 -0.58 0.00 |
| NIAGARA_115E_LBMP 323715 | 23.06 -1.16 0.00 | 20.79 -1.12 0.00 | 20.39 -1.26 0.00 | 20.09 -1.17 0.00 | 20.85 -1.19 0.00 | 21.39 -1.01 0.00 | 26.89 -1.66 0.00 | 28.34 -1.97 0.00 | 28.34 -1.43 0.00 | 26.71 -0.91 0.00 | 26.80 -1.03 0.00 | 27.68 -0.77 0.00 | 28.48 -1.22 0.00 | 29.90 -1.12 0.00 | 30.58 -1.24 0.00 | 31.06 -1.77 0.00 | 35.78 -2.45 0.00 | 39.42 -3.66 0.00 | 40.28 -3.60 0.00 | 37.11 -3.18 0.00 | 35.24 -3.66 0.00 | 29.81 -2.35 0.00 | 27.45 -0.88 0.00 | 24.71 -0.48 0.00 |
| NIAGARA_115W_LBMP 323714 | 22.94 -1.28 0.00 | 20.68 -1.23 0.00 | 20.28 -1.36 0.00 | 19.98 -1.27 0.00 | 20.72 -1.32 0.00 | 21.26 -1.14 0.00 | 26.72 -1.83 0.00 | 28.13 -2.18 0.00 | 28.16 -1.61 0.00 | 26.55 -1.08 0.00 | 26.64 -1.20 0.00 | 27.51 -0.94 0.00 | 28.30 -1.40 0.00 | 29.68 -1.33 0.00 | 30.36 -1.46 0.00 | 30.86 -1.97 0.00 | 35.51 -2.71 0.00 | 39.12 -3.96 0.00 | 39.97 -3.91 0.00 | 36.83 -3.47 0.00 | 34.97 -3.93 0.00 | 29.58 -2.57 0.00 | 27.28 -1.05 0.00 | 24.56 -0.63 0.00 |
| NIAGARA_230_LBMP 323716 | 23.16 -1.07 0.00 | 20.88 -1.03 0.00 | 20.47 -1.17 0.00 | 20.17 -1.08 0.00 | 20.92 -1.12 0.00 | 21.46 -0.94 0.00 | 26.98 -1.57 0.00 | 28.40 -1.91 0.00 | 28.43 -1.34 0.00 | 26.77 -0.86 0.00 | 26.86 -0.97 0.00 | 27.74 -0.71 0.00 | 28.54 -1.16 0.00 | 29.93 -1.09 0.00 | 30.61 -1.21 0.00 | 31.16 -1.67 0.00 | 35.89 -2.33 0.00 | 39.55 -3.53 0.00 | 40.41 -3.47 0.00 | 37.23 -3.06 0.00 | 35.39 -3.50 0.00 | 29.90 -2.25 0.00 | 27.51 -0.82 0.00 | 24.76 -0.43 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 22.94 -1.28 0.00 | 20.68 -1.23 0.00 | 20.28 -1.36 0.00 | 19.98 -1.28 0.00 | 20.72 -1.32 0.00 | 21.25 -1.14 0.00 | 26.72 -1.83 0.00 | 28.13 -2.18 0.00 | 28.16 -1.61 0.00 | 26.55 -1.08 0.00 | 26.63 -1.20 0.00 | 27.51 -0.94 0.00 | 28.30 -1.40 0.00 | 29.71 -1.30 0.00 | 30.36 -1.46 0.00 | 30.83 -2.00 0.00 | 35.55 -2.68 0.00 | 39.12 -3.96 0.00 | 39.97 -3.91 0.00 | 36.83 -3.47 0.00 | 35.67 -3.23 0.00 | 29.58 -2.57 0.00 | 27.28 -1.05 0.00 | 24.08 -1.11 0.00 |
| NIAGARA____ 23760 | 23.16 -1.07 0.00 | 20.88 -1.03 0.00 | 20.47 -1.17 0.00 | 20.17 -1.08 0.00 | 20.92 -1.12 0.00 | 21.46 -0.94 0.00 | 26.98 -1.57 0.00 | 28.40 -1.91 0.00 | 28.43 -1.34 0.00 | 26.77 -0.86 0.00 | 26.86 -0.97 0.00 | 27.74 -0.71 0.00 | 28.54 -1.16 0.00 | 29.93 -1.09 0.00 | 30.61 -1.21 0.00 | 31.16 -1.67 0.00 | 35.89 -2.33 0.00 | 39.55 -3.53 0.00 | 40.41 -3.47 0.00 | 37.23 -3.06 0.00 | 35.39 -3.50 0.00 | 29.90 -2.25 0.00 | 27.51 -0.82 0.00 | 24.76 -0.43 0.00 |
| NINE_MILE_1 23575 | 23.49 -0.73 0.00 | 21.27 -0.64 0.00 | 20.99 -0.65 0.00 | 20.64 -0.62 0.00 | 21.38 -0.66 0.00 | 21.77 -0.63 0.00 | 27.69 -0.86 0.00 | 29.34 -0.97 0.00 | 28.85 -0.92 0.00 | 26.88 -0.74 0.00 | 27.05 -0.78 0.00 | 27.71 -0.74 0.00 | 28.90 -0.80 0.00 | 30.18 -0.84 0.00 | 30.96 -0.86 0.00 | 31.88 -0.95 0.00 | 37.04 -1.19 0.00 | 41.75 -1.34 0.00 | 42.52 -1.36 0.00 | 39.04 -1.25 0.00 | 37.61 -1.28 0.00 | 31.16 -1.00 0.00 | 27.51 -0.82 0.00 | 24.44 -0.76 0.00 |
| NINE_MILE_2 23744 | 23.49 -0.73 0.00 | 21.27 -0.64 0.00 | 20.99 -0.65 0.00 | 20.64 -0.62 0.00 | 21.38 -0.66 0.00 | 21.77 -0.63 0.00 | 27.69 -0.86 0.00 | 29.34 -0.97 0.00 | 28.85 -0.92 0.00 | 26.88 -0.74 0.00 | 27.05 -0.78 0.00 | 27.71 -0.74 0.00 | 28.90 -0.80 0.00 | 30.18 -0.84 0.00 | 30.96 -0.86 0.00 | 31.88 -0.95 0.00 | 37.04 -1.19 0.00 | 41.75 -1.34 0.00 | 42.52 -1.36 0.00 | 39.04 -1.25 0.00 | 37.61 -1.28 0.00 | 31.16 -1.00 0.00 | 27.51 -0.82 0.00 | 24.44 -0.76 0.00 |
| NM_CAPITAL__DRP 24208 | 25.04 0.82 0.00 | 22.63 0.72 0.00 | 22.38 0.74 0.00 | 21.94 0.68 0.00 | 22.77 0.73 0.00 | 23.11 0.72 0.00 | 29.52 0.97 0.00 | 31.25 0.94 0.00 | 30.54 0.77 0.00 | 28.20 0.58 0.00 | 28.44 0.61 0.00 | 28.96 0.51 0.00 | 30.29 0.59 0.00 | 31.61 0.59 0.00 | 32.39 0.57 0.00 | 33.52 0.69 0.00 | 39.11 0.88 0.00 | 44.59 1.51 0.00 | 45.41 1.54 0.00 | 41.70 1.41 0.00 | 40.06 1.17 0.00 | 33.09 0.93 0.00 | 29.06 0.74 0.00 | 25.90 0.71 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NM_CENTRAL___DRP 24181 | 23.95 -0.27 0.00 | 21.65 -0.26 0.00 | 21.38 -0.26 0.00 | 21.00 -0.26 0.00 | 21.78 -0.26 0.00 | 22.20 -0.20 0.00 | 28.23 -0.31 0.00 | 29.98 -0.33 0.00 | 29.65 -0.12 0.00 | 27.51 -0.11 0.00 | 27.64 -0.19 0.00 | 28.30 -0.14 0.00 | 29.55 -0.15 0.00 | 30.89 -0.12 0.00 | 31.69 -0.13 0.00 | 32.60 -0.23 0.00 | 37.85 -0.38 0.00 | 42.57 -0.52 0.00 | 43.39 -0.48 0.00 | 39.85 -0.44 0.00 | 38.39 -0.51 0.00 | 31.80 -0.35 0.00 | 28.10 -0.23 0.00 | 24.94 -0.25 0.00 |
| NM_FRONTIER___DRP 24179 | 22.94 -1.28 0.00 | 20.68 -1.23 0.00 | 20.28 -1.36 0.00 | 19.98 -1.28 0.00 | 20.72 -1.32 0.00 | 21.25 -1.14 0.00 | 26.72 -1.83 0.00 | 28.13 -2.18 0.00 | 28.16 -1.61 0.00 | 26.55 -1.08 0.00 | 26.63 -1.20 0.00 | 27.51 -0.94 0.00 | 28.30 -1.40 0.00 | 29.71 -1.30 0.00 | 30.36 -1.46 0.00 | 30.83 -2.00 0.00 | 35.55 -2.68 0.00 | 39.12 -3.96 0.00 | 39.97 -3.91 0.00 | 36.83 -3.47 0.00 | 35.67 -3.23 0.00 | 29.58 -2.57 0.00 | 27.28 -1.05 0.00 | 24.08 -1.11 0.00 |
| NM_ST_REGIS___HYD 24053 | 23.47 -0.75 0.00 | 21.41 -0.50 0.00 | 21.08 -0.56 0.00 | 20.79 -0.47 0.00 | 21.58 -0.46 0.00 | 21.95 -0.45 0.00 | 28.20 -0.34 0.00 | 30.01 -0.30 0.00 | 29.35 -0.42 0.00 | 27.32 -0.30 0.00 | 27.58 -0.25 0.00 | 28.25 -0.20 0.00 | 29.34 -0.36 0.00 | 30.49 -0.53 0.00 | 31.31 -0.51 0.00 | 32.11 -0.72 0.00 | 37.42 -0.80 0.00 | 41.96 -1.12 0.00 | 42.74 -1.14 0.00 | 39.20 -1.09 0.00 | 38.16 -0.74 0.00 | 31.67 -0.48 0.00 | 27.76 -0.57 0.00 | 24.92 -0.28 0.00 |
| NORTHPORT___1 23551 | 29.54 1.79 -3.53 | 26.00 1.51 -2.58 | 25.74 1.49 -2.61 | 25.34 1.42 -2.66 | 25.14 1.48 -1.62 | 29.12 1.50 -5.22 | 32.43 2.08 -1.80 | 34.06 2.30 -1.45 | 33.41 2.14 -1.49 | 31.37 1.79 -1.96 | 31.46 1.59 -2.04 | 32.51 1.51 -2.56 | 31.87 1.66 -0.51 | 33.14 1.74 -0.38 | 34.09 1.81 -0.45 | 34.77 1.94 0.00 | 40.32 2.10 0.01 | 48.13 3.27 -1.77 | 47.12 3.25 0.01 | 43.27 2.98 0.01 | 41.76 2.88 0.01 | 35.87 2.03 -1.69 | 31.75 1.76 -1.67 | 30.40 1.61 -3.59 |
| NORTHPORT___2 23552 | 29.54 1.79 -3.53 | 26.00 1.51 -2.58 | 25.74 1.49 -2.61 | 25.34 1.42 -2.66 | 25.14 1.48 -1.62 | 29.12 1.50 -5.22 | 32.43 2.08 -1.80 | 34.06 2.30 -1.45 | 33.41 2.14 -1.49 | 31.37 1.79 -1.96 | 31.46 1.59 -2.04 | 32.51 1.51 -2.56 | 31.87 1.66 -0.51 | 33.14 1.74 -0.38 | 34.09 1.81 -0.45 | 34.77 1.94 0.00 | 40.32 2.10 0.01 | 48.13 3.27 -1.77 | 47.12 3.25 0.01 | 43.27 2.98 0.01 | 41.76 2.88 0.01 | 35.87 2.03 -1.69 | 31.75 1.76 -1.67 | 30.40 1.61 -3.59 |
| NORTHPORT___3 23553 | 30.02 2.28 -3.53 | 26.37 1.88 -2.58 | 26.11 1.86 -2.61 | 25.70 1.79 -2.66 | 25.51 1.85 -1.62 | 29.52 1.90 -5.22 | 32.92 2.57 -1.80 | 34.58 2.82 -1.45 | 34.00 2.74 -1.49 | 31.93 2.35 -1.96 | 32.26 2.39 -2.04 | 33.39 2.39 -2.56 | 32.73 2.52 -0.51 | 34.07 2.67 -0.38 | 35.01 2.74 -0.45 | 35.75 2.92 0.00 | 41.21 2.98 0.00 | 49.17 4.31 -1.78 | 48.13 4.25 0.00 | 44.24 3.95 0.00 | 42.67 3.77 0.00 | 36.75 2.90 -1.70 | 32.46 2.46 -1.67 | 30.95 2.17 -3.59 |
| NORTHPORT___4 23650 | 30.02 2.28 -3.53 | 26.37 1.88 -2.58 | 26.11 1.86 -2.61 | 25.70 1.79 -2.66 | 25.51 1.85 -1.62 | 29.52 1.90 -5.22 | 32.92 2.57 -1.80 | 34.58 2.82 -1.45 | 34.00 2.74 -1.49 | 31.93 2.35 -1.96 | 32.26 2.39 -2.04 | 33.39 2.39 -2.56 | 32.73 2.52 -0.51 | 34.07 2.67 -0.38 | 35.01 2.74 -0.45 | 35.75 2.92 0.00 | 41.21 2.98 0.00 | 49.17 4.31 -1.78 | 48.13 4.25 0.00 | 44.24 3.95 0.00 | 42.67 3.77 0.00 | 36.75 2.90 -1.70 | 32.46 2.46 -1.67 | 30.95 2.17 -3.59 |
| NORTHPORT___IC 23718 | 29.54 1.79 -3.53 | 26.00 1.51 -2.58 | 25.74 1.49 -2.61 | 25.34 1.42 -2.66 | 25.14 1.48 -1.62 | 29.12 1.50 -5.22 | 32.43 2.08 -1.80 | 34.06 2.30 -1.45 | 33.41 2.14 -1.49 | 31.37 1.80 -1.96 | 31.46 1.59 -2.04 | 32.51 1.51 -2.56 | 31.87 1.66 -0.51 | 33.11 1.71 -0.38 | 34.12 1.85 -0.45 | 34.77 1.94 0.00 | 40.32 2.10 0.01 | 48.13 3.27 -1.77 | 47.12 3.25 0.01 | 43.27 2.98 0.01 | 41.41 2.53 0.01 | 35.87 2.03 -1.69 | 31.75 1.76 -1.67 | 30.47 1.69 -3.59 |
| NORTH___COUNTRY_ESR 323785 | 23.11 -1.11 0.00 | 21.10 -0.81 0.00 | 20.78 -0.87 0.00 | 20.49 -0.76 0.00 | 21.27 -0.77 0.00 | 21.64 -0.76 0.00 | 27.80 -0.74 0.00 | 29.62 -0.70 0.00 | 29.00 -0.77 0.00 | 27.04 -0.58 0.00 | 27.44 -0.39 0.00 | 28.11 -0.34 0.00 | 29.34 -0.36 0.00 | 30.65 -0.37 0.00 | 31.47 -0.35 0.00 | 32.37 -0.46 0.00 | 37.85 -0.38 0.00 | 42.39 -0.69 0.00 | 42.95 -0.92 0.00 | 39.37 -0.93 0.00 | 38.20 -0.70 0.00 | 31.58 -0.58 0.00 | 27.68 -0.65 0.00 | 24.74 -0.45 0.00 |
| NPX_GEN_1385_PROXY 323591 | 29.15 1.40 -3.53 | 25.94 1.45 -2.58 | 25.64 1.39 -2.61 | 25.28 1.36 -2.66 | 25.07 1.41 -1.62 | 29.05 1.43 -5.22 | 32.40 2.06 -1.80 | 33.97 2.21 -1.45 | 32.96 1.70 -1.49 | 30.96 1.38 -1.96 | 30.76 0.89 -2.04 | 30.50 0.68 -1.37 | 30.98 0.77 -0.51 | 31.91 0.81 -0.09 | 33.23 0.95 -0.45 | 34.24 1.41 0.00 | 39.79 1.57 0.01 | 48.00 3.14 -1.77 | 46.81 2.94 0.01 | 43.10 2.82 0.01 | 41.72 2.84 0.01 | 35.55 1.70 -1.69 | 31.66 1.67 -1.67 | 30.12 1.33 -3.59 |
| NPX_GEN_CSC 323557 | 28.93 1.19 -3.53 | 25.41 0.92 -2.58 | 25.20 0.95 -2.61 | 24.85 0.93 -2.66 | 24.63 0.97 -1.62 | 25.01 0.76 -1.85 | 28.65 1.17 1.06 | 33.18 1.43 -1.45 | 32.54 1.28 -1.49 | 25.60 0.94 2.96 | 30.82 0.95 -2.04 | 31.72 0.85 -2.42 | 26.08 0.98 4.60 | 31.28 1.02 0.76 | 31.49 1.11 1.45 | 27.73 1.28 6.38 | 39.80 1.57 0.00 | 47.88 3.01 -1.78 | 46.86 2.99 0.00 | 43.03 2.74 0.00 | 42.01 3.11 0.00 | 35.46 1.61 -1.70 | 31.30 1.30 -1.67 | 29.74 0.96 -3.59 |
| NSINS_S___GLNS_FALLS 23858 | 26.04 1.82 0.00 | 23.55 1.64 0.00 | 23.20 1.56 0.00 | 22.77 1.51 0.00 | 23.63 1.59 0.00 | 24.05 1.66 0.00 | 30.83 2.28 0.00 | 32.68 2.36 0.00 | 32.00 2.23 0.00 | 29.53 1.91 0.00 | 29.75 1.92 0.00 | 30.32 1.88 0.00 | 31.69 1.99 0.00 | 33.00 1.99 0.00 | 33.83 2.00 0.00 | 35.03 2.20 0.00 | 40.87 2.64 0.00 | 46.75 3.66 0.00 | 47.69 3.82 0.00 | 43.80 3.51 0.00 | 42.01 3.11 0.00 | 34.63 2.48 0.00 | 30.42 2.10 0.00 | 27.06 1.86 0.00 |
| NUCOR_STEEL___DRP 24197 | 24.10 -0.12 0.00 | 21.78 -0.13 0.00 | 21.51 -0.13 0.00 | 21.13 -0.13 0.00 | 21.91 -0.13 0.00 | 22.35 -0.04 0.00 | 28.37 -0.17 0.00 | 30.10 -0.21 0.00 | 30.01 0.24 0.00 | 27.71 0.08 0.00 | 27.80 -0.03 0.00 | 28.53 0.09 0.00 | 29.76 0.06 0.00 | 31.14 0.12 0.00 | 31.92 0.10 0.00 | 32.80 -0.03 0.00 | 38.07 -0.15 0.00 | 42.78 -0.30 0.00 | 43.57 -0.31 0.00 | 40.05 -0.24 0.00 | 38.58 -0.31 0.00 | 31.93 -0.23 0.00 | 28.30 -0.03 0.00 | 25.09 -0.10 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 24.08 -0.14 0.00 | 21.84 -0.07 0.00 | 21.54 -0.11 0.00 | 21.19 -0.06 0.00 | 22.02 -0.02 0.00 | 22.46 0.07 0.00 | 28.80 0.26 0.00 | 30.62 0.30 0.00 | 30.13 0.36 0.00 | 27.98 0.36 0.00 | 28.05 0.22 0.00 | 28.76 0.31 0.00 | 30.00 0.30 0.00 | 31.51 0.49 0.00 | 32.33 0.51 0.00 | 33.36 0.52 0.00 | 38.92 0.69 0.00 | 43.90 0.82 0.00 | 44.89 1.01 0.00 | 41.26 0.97 0.00 | 39.90 1.01 0.00 | 33.02 0.87 0.00 | 29.06 0.74 0.00 | 25.80 0.60 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 24.22 0.00 0.00 | 21.91 0.00 0.00 | 21.64 0.00 0.00 | 21.26 0.00 0.00 | 22.04 0.00 0.00 | 22.40 0.00 0.00 | 28.55 0.00 0.00 | 30.31 0.00 0.00 | 29.77 0.00 0.00 | 27.62 0.00 0.00 | 27.83 0.00 0.00 | 28.45 0.00 0.00 | 29.70 0.00 0.00 | 31.02 0.00 0.00 | 31.82 0.00 0.00 | 32.83 0.00 0.00 | 38.23 0.00 0.00 | 43.08 0.00 0.00 | 43.88 0.00 0.00 | 40.29 0.00 0.00 | 38.89 0.00 0.00 | 32.15 0.00 0.00 | 28.33 0.00 0.00 | 25.19 0.00 0.00 |

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| NYPA_BRENTWD____GT 24164 | 29.88 2.13 -3.53 | 26.24 1.75 -2.58 | 26.00 1.75 -2.61 | 25.57 1.66 -2.66 | 25.38 1.72 -1.62 | 29.39 1.77 -5.22 | 32.80 2.46 -1.80 | 34.45 2.70 -1.45 | 33.82 2.56 -1.49 | 31.74 2.16 -1.96 | 31.98 2.11 -2.04 | 33.08 2.08 -2.56 | 32.44 2.23 -0.51 | 33.76 2.36 -0.38 | 34.73 2.45 -0.45 | 35.46 2.63 0.00 | 41.17 2.94 0.00 | 49.17 4.31 -1.78 | 48.18 4.30 0.00 | 44.24 3.95 0.00 | 42.67 3.77 0.00 | 36.56 2.70 -1.70 | 32.26 2.27 -1.67 | 30.78 1.99 -3.59 |
| NYPA_GOWANUS____GT5 24156 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NYPA_GOWANUS____GT6 24157 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.90 3.19 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.04 1.84 -0.01 |
| NYPA_HARLEM_RVR_GT1 24160 | 25.93 1.72 0.01 | 23.32 1.42 0.02 | 23.01 1.39 0.02 | 22.54 1.30 0.02 | 23.35 1.32 0.02 | 23.70 1.32 0.02 | 30.38 1.83 -0.01 | 33.38 2.09 -0.98 | 34.82 2.03 -3.02 | 33.84 1.71 -4.51 | 34.78 1.78 -5.17 | 36.86 1.74 -6.67 | 43.14 1.90 -11.54 | 42.96 1.99 -9.95 | 42.84 2.04 -8.98 | 42.67 2.20 -7.64 | 44.74 2.56 -3.95 | 46.45 3.36 -0.01 | 47.11 3.25 0.02 | 43.31 3.02 0.01 | 42.54 2.84 -0.81 | 34.22 2.06 -0.01 | 30.08 1.76 0.01 | 26.77 1.59 0.01 |
| NYPA_HARLEM_RVR_GT2 24161 | 25.93 1.72 0.01 | 23.32 1.42 0.02 | 23.01 1.39 0.02 | 22.54 1.30 0.02 | 23.35 1.32 0.02 | 23.70 1.32 0.02 | 30.38 1.83 -0.01 | 33.38 2.09 -0.98 | 34.82 2.03 -3.02 | 33.84 1.71 -4.51 | 34.78 1.78 -5.17 | 36.86 1.74 -6.67 | 43.14 1.90 -11.54 | 42.96 1.99 -9.95 | 42.84 2.04 -8.98 | 42.67 2.20 -7.64 | 44.74 2.56 -3.95 | 46.45 3.36 -0.01 | 47.11 3.25 0.02 | 43.31 3.02 0.01 | 42.54 2.84 -0.81 | 34.22 2.06 -0.01 | 30.08 1.76 0.01 | 26.77 1.59 0.01 |
| NYPA_KENT____GT 24152 | 26.19 1.96 -0.01 | 23.47 1.56 0.00 | 23.16 1.51 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.87 1.48 0.00 | 30.62 2.06 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.33 2.08 -11.55 | 43.15 2.17 -9.96 | 43.04 2.23 -8.99 | 42.91 2.43 -7.64 | 44.97 2.79 -3.96 | 46.72 3.62 -0.02 | 47.48 3.60 0.00 | 43.60 3.30 -0.01 | 42.86 3.15 -0.82 | 34.55 2.38 -0.02 | 30.35 2.01 -0.01 | 26.99 1.79 -0.01 |
| NYPA_POUCH1____GT 24155 | 26.31 2.08 -0.01 | 23.51 1.60 0.00 | 23.20 1.56 0.00 | 22.70 1.45 0.00 | 23.54 1.50 0.00 | 23.87 1.48 0.00 | 30.59 2.03 -0.02 | 33.48 2.18 -0.98 | 34.82 2.03 -3.02 | 33.84 1.71 -4.51 | 34.78 1.78 -5.17 | 36.89 1.76 -6.67 | 37.29 1.93 -5.66 | 37.29 2.01 -4.26 | 37.30 2.07 -3.41 | 37.64 2.26 -2.55 | 37.51 2.60 3.32 | 38.62 3.45 7.91 | 38.64 3.38 8.61 | 37.39 3.14 6.04 | 37.45 3.00 4.44 | 34.45 2.28 -0.02 | 30.32 1.98 -0.01 | 27.04 1.84 -0.01 |
| NYPA_VERNON____GT2 24162 | 26.14 1.91 -0.01 | 23.42 1.51 0.00 | 23.14 1.49 0.00 | 22.66 1.40 0.00 | 23.47 1.43 0.00 | 23.87 1.48 0.00 | 30.62 2.06 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.33 2.08 -11.55 | 43.15 2.17 -9.96 | 43.04 2.23 -8.99 | 42.87 2.40 -7.64 | 44.97 2.79 -3.96 | 46.72 3.62 -0.02 | 47.48 3.60 0.00 | 43.60 3.30 -0.01 | 42.82 3.11 -0.82 | 34.52 2.35 -0.02 | 30.32 1.98 -0.01 | 26.96 1.76 -0.01 |
| NYPA_VERNON____GT3 24163 | 26.14 1.91 -0.01 | 23.42 1.51 0.00 | 23.14 1.49 0.00 | 22.66 1.40 0.00 | 23.47 1.43 0.00 | 23.87 1.48 0.00 | 30.62 2.06 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.33 2.08 -11.55 | 43.15 2.17 -9.96 | 43.04 2.23 -8.99 | 42.87 2.40 -7.64 | 44.97 2.79 -3.96 | 46.72 3.62 -0.02 | 47.48 3.60 0.00 | 43.60 3.30 -0.01 | 42.82 3.11 -0.82 | 34.52 2.35 -0.02 | 30.32 1.98 -0.01 | 26.96 1.76 -0.01 |
| NYPA____ASTORIA_CC1 323568 | 26.09 1.87 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.85 1.45 0.00 | 30.56 2.00 -0.02 | 33.54 2.24 -0.98 | 34.95 2.14 -3.03 | 33.96 1.82 -4.51 | 34.90 1.89 -5.18 | 36.98 1.85 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 42.97 2.16 -8.99 | 42.81 2.33 -7.64 | 44.90 2.71 -3.96 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.75 3.04 -0.82 | 34.45 2.28 -0.02 | 30.26 1.93 -0.01 | 26.92 1.71 -0.01 |
| NYPA____ASTORIA_CC2 323569 | 26.09 1.87 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.85 1.45 0.00 | 30.56 2.00 -0.02 | 33.54 2.24 -0.98 | 34.95 2.14 -3.03 | 33.96 1.82 -4.51 | 34.90 1.89 -5.18 | 36.98 1.85 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 42.97 2.16 -8.99 | 42.81 2.33 -7.64 | 44.90 2.71 -3.96 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.75 3.04 -0.82 | 34.45 2.28 -0.02 | 30.26 1.93 -0.01 | 26.92 1.71 -0.01 |
| NYPA____HOLTSVILL 23794 | 29.66 1.91 -3.53 | 26.07 1.58 -2.58 | 25.83 1.58 -2.61 | 25.40 1.49 -2.66 | 25.20 1.54 -1.62 | 29.16 1.54 -5.22 | 32.51 2.17 -1.80 | 34.18 2.43 -1.45 | 33.56 2.29 -1.49 | 31.48 1.90 -1.96 | 31.73 1.86 -2.04 | 32.83 1.82 -2.56 | 32.17 1.96 -0.51 | 33.48 2.08 -0.38 | 34.44 2.16 -0.45 | 35.16 2.33 0.00 | 40.86 2.64 0.00 | 48.87 4.01 -1.78 | 47.83 3.95 0.00 | 43.92 3.63 0.00 | 42.43 3.54 0.00 | 36.33 2.48 -1.70 | 32.03 2.04 -1.67 | 30.55 1.76 -3.59 |
| NYPA____HELLGATE_GT1 24158 | 25.95 1.72 -0.01 | 23.33 1.42 0.00 | 23.03 1.39 0.00 | 22.55 1.30 0.00 | 23.36 1.32 0.00 | 23.72 1.32 0.00 | 30.38 1.83 -0.01 | 33.38 2.09 -0.98 | 34.82 2.03 -3.02 | 33.84 1.71 -4.51 | 34.78 1.78 -5.17 | 36.86 1.74 -6.67 | 43.14 1.90 -11.54 | 42.96 1.99 -9.95 | 42.84 2.04 -8.98 | 42.67 2.20 -7.64 | 44.74 2.56 -3.95 | 46.45 3.36 -0.01 | 47.12 3.25 0.00 | 43.32 3.02 -0.01 | 42.54 2.84 -0.81 | 34.22 2.06 -0.01 | 30.09 1.76 -0.01 | 26.79 1.59 -0.01 |
| NYPA____HELLGATE_GT2 24159 | 25.95 1.72 -0.01 | 23.33 1.42 0.00 | 23.03 1.39 0.00 | 22.55 1.30 0.00 | 23.36 1.32 0.00 | 23.72 1.32 0.00 | 30.38 1.83 -0.01 | 33.38 2.09 -0.98 | 34.82 2.03 -3.02 | 33.84 1.71 -4.51 | 34.78 1.78 -5.17 | 36.86 1.74 -6.67 | 43.14 1.90 -11.54 | 42.96 1.99 -9.95 | 42.84 2.04 -8.98 | 42.67 2.20 -7.64 | 44.74 2.56 -3.95 | 46.45 3.36 -0.01 | 47.12 3.25 0.00 | 43.32 3.02 -0.01 | 42.54 2.84 -0.81 | 34.22 2.06 -0.01 | 30.09 1.76 -0.01 | 26.79 1.59 -0.01 |
| NYS_BARGE____HYD 23848 | 23.42 -0.80 0.00 | 21.12 -0.79 0.00 | 20.69 -0.95 0.00 | 20.41 -0.85 0.00 | 21.16 -0.88 0.00 | 21.73 -0.67 0.00 | 27.37 -1.17 0.00 | 28.89 -1.42 0.00 | 28.88 -0.89 0.00 | 27.21 -0.41 0.00 | 27.30 -0.53 0.00 | 28.22 -0.23 0.00 | 29.04 -0.65 0.00 | 30.52 -0.50 0.00 | 31.22 -0.61 0.00 | 31.68 -1.15 0.00 | 36.51 -1.72 0.00 | 40.24 -2.84 0.00 | 41.11 -2.76 0.00 | 37.88 -2.42 0.00 | 35.94 -2.96 0.00 | 30.35 -1.80 0.00 | 27.93 -0.40 0.00 | 25.12 -0.08 0.00 |

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| OAK ORCHARD___HYD 24046 | 23.69 -0.53 0.00 | 21.36 -0.55 0.00 | 20.99 -0.65 0.00 | 20.68 -0.57 0.00 | 21.45 -0.59 0.00 | 21.95 -0.45 0.00 | 27.80 -0.74 0.00 | 29.43 -0.88 0.00 | 29.32 -0.45 0.00 | 27.49 -0.14 0.00 | 27.58 -0.25 0.00 | 28.48 0.03 0.00 | 29.43 -0.27 0.00 | 30.83 -0.18 0.00 | 31.57 -0.26 0.00 | 32.18 -0.66 0.00 | 37.16 -1.07 0.00 | 41.32 -1.77 0.00 | 42.16 -1.71 0.00 | 38.80 -1.49 0.00 | 37.07 -1.83 0.00 | 31.06 -1.09 0.00 | 28.10 -0.23 0.00 | 25.07 -0.13 0.00 |
| OAKDALE___35_KV_LOAD 356122 | 24.37 0.15 0.00 | 22.00 0.09 0.00 | 21.71 0.06 0.00 | 21.34 0.09 0.00 | 22.13 0.09 0.00 | 22.55 0.16 0.00 | 28.66 0.11 0.00 | 30.46 0.15 0.00 | 30.10 0.33 0.00 | 27.96 0.33 0.00 | 28.08 0.25 0.00 | 28.79 0.34 0.00 | 30.00 0.30 0.00 | 31.39 0.37 0.00 | 32.27 0.45 0.00 | 33.19 0.36 0.00 | 38.57 0.34 0.00 | 43.30 0.22 0.00 | 44.14 0.26 0.00 | 40.61 0.32 0.00 | 39.05 0.16 0.00 | 32.31 0.16 0.00 | 28.67 0.34 0.00 | 25.45 0.25 0.00 |
| OCC_CHEM___DRP 24175 | 22.99 -1.24 0.00 | 20.73 -1.18 0.00 | 20.32 -1.32 0.00 | 20.02 -1.23 0.00 | 20.76 -1.28 0.00 | 21.30 -1.10 0.00 | 26.78 -1.77 0.00 | 28.19 -2.12 0.00 | 28.22 -1.55 0.00 | 26.60 -1.02 0.00 | 26.72 -1.11 0.00 | 27.57 -0.88 0.00 | 28.36 -1.34 0.00 | 29.78 -1.24 0.00 | 30.42 -1.40 0.00 | 30.93 -1.90 0.00 | 35.63 -2.60 0.00 | 39.21 -3.88 0.00 | 40.06 -3.82 0.00 | 36.95 -3.34 0.00 | 35.74 -3.15 0.00 | 29.65 -2.51 0.00 | 27.34 -0.99 0.00 | 24.16 -1.03 0.00 |
| OH_GEN_PROXY 24063 | 23.18 -1.04 0.00 | 20.90 -1.01 0.00 | 20.50 -1.15 0.00 | 20.19 -1.06 0.00 | 20.94 -1.10 0.00 | 21.48 -0.92 0.00 | 27.03 -1.51 0.00 | 28.46 -1.85 0.00 | 28.46 -1.31 0.00 | 26.80 -0.83 0.00 | 26.91 -0.92 0.00 | 27.76 -0.68 0.00 | 28.60 -1.10 0.00 | 29.99 -1.02 0.00 | 30.68 -1.14 0.00 | 31.23 -1.61 0.00 | 36.01 -2.22 0.00 | 39.72 -3.36 0.00 | 40.54 -3.34 0.00 | 37.35 -2.94 0.00 | 35.51 -3.38 0.00 | 30.00 -2.15 0.00 | 27.53 -0.79 0.00 | 24.76 -0.43 0.00 |
| OLIN_CORP_DRP 24177 | 23.11 -1.11 0.00 | 20.84 -1.07 0.00 | 20.41 -1.23 0.00 | 20.13 -1.13 0.00 | 20.87 -1.17 0.00 | 21.41 -0.99 0.00 | 26.95 -1.60 0.00 | 28.37 -1.94 0.00 | 28.37 -1.40 0.00 | 26.74 -0.88 0.00 | 26.86 -0.97 0.00 | 27.71 -0.74 0.00 | 28.54 -1.16 0.00 | 29.96 -1.05 0.00 | 30.61 -1.21 0.00 | 31.13 -1.71 0.00 | 35.86 -2.37 0.00 | 39.46 -3.62 0.00 | 40.37 -3.51 0.00 | 37.19 -3.10 0.00 | 35.98 -2.92 0.00 | 29.84 -2.32 0.00 | 27.48 -0.85 0.00 | 24.29 -0.91 0.00 |
| OLIN_CORP_DSASP 323712 | 22.99 -1.23 0.00 | 20.73 -1.18 0.00 | 20.32 -1.32 0.00 | 20.02 -1.23 0.00 | 20.76 -1.28 0.00 | 21.30 -1.10 0.00 | 26.78 -1.77 0.00 | 28.19 -2.12 0.00 | 28.22 -1.55 0.00 | 26.60 -1.02 0.00 | 26.72 -1.11 0.00 | 27.56 -0.88 0.00 | 28.36 -1.34 0.00 | 29.77 -1.24 0.00 | 30.42 -1.40 0.00 | 30.93 -1.91 0.00 | 35.59 -2.64 0.00 | 39.21 -3.88 0.00 | 40.06 -3.82 0.00 | 36.91 -3.38 0.00 | 35.04 -3.85 0.00 | 29.65 -2.51 0.00 | 27.34 -0.99 0.00 | 24.61 -0.58 0.00 |
| ONEIDA_HERK_LFGE 323681 | 24.51 0.29 0.00 | 22.22 0.31 0.00 | 21.92 0.28 0.00 | 21.55 0.30 0.00 | 22.39 0.35 0.00 | 22.80 0.40 0.00 | 29.17 0.63 0.00 | 31.01 0.70 0.00 | 30.42 0.65 0.00 | 28.29 0.66 0.00 | 28.36 0.53 0.00 | 29.07 0.63 0.00 | 30.35 0.65 0.00 | 31.76 0.74 0.00 | 32.58 0.76 0.00 | 33.62 0.79 0.00 | 39.18 0.96 0.00 | 44.25 1.16 0.00 | 45.19 1.32 0.00 | 41.50 1.21 0.00 | 40.06 1.17 0.00 | 33.12 0.96 0.00 | 29.15 0.82 0.00 | 25.87 0.68 0.00 |
| ONEIDA___115KV_TB4 55905 | 24.75 0.53 0.00 | 22.44 0.53 0.00 | 22.14 0.50 0.00 | 21.75 0.49 0.00 | 22.59 0.55 0.00 | 23.02 0.63 0.00 | 29.37 0.83 0.00 | 31.22 0.91 0.00 | 30.66 0.89 0.00 | 28.48 0.86 0.00 | 28.58 0.75 0.00 | 29.30 0.85 0.00 | 30.59 0.89 0.00 | 31.95 0.93 0.00 | 32.78 0.95 0.00 | 33.82 0.98 0.00 | 39.37 1.15 0.00 | 44.42 1.34 0.00 | 45.32 1.45 0.00 | 41.62 1.33 0.00 | 40.14 1.24 0.00 | 33.15 1.00 0.00 | 29.23 0.91 0.00 | 25.92 0.73 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 24.05 -0.17 0.00 | 21.73 -0.18 0.00 | 21.47 -0.17 0.00 | 21.09 -0.17 0.00 | 21.86 -0.18 0.00 | 22.29 -0.11 0.00 | 28.35 -0.20 0.00 | 30.10 -0.21 0.00 | 29.80 0.03 0.00 | 27.62 0.00 0.00 | 27.75 -0.08 0.00 | 28.42 -0.03 0.00 | 29.67 -0.03 0.00 | 31.02 0.00 0.00 | 31.82 0.00 0.00 | 32.73 -0.10 0.00 | 38.04 -0.19 0.00 | 42.82 -0.26 0.00 | 43.61 -0.26 0.00 | 40.09 -0.20 0.00 | 38.62 -0.27 0.00 | 31.96 -0.19 0.00 | 28.24 -0.08 0.00 | 25.04 -0.15 0.00 |
| ONONDAGA___COGEN 23986 | 24.03 -0.19 0.00 | 21.73 -0.18 0.00 | 21.45 -0.19 0.00 | 21.09 -0.17 0.00 | 21.86 -0.18 0.00 | 22.29 -0.11 0.00 | 28.32 -0.23 0.00 | 30.07 -0.24 0.00 | 29.95 0.18 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.48 0.03 0.00 | 29.73 0.03 0.00 | 31.11 0.09 0.00 | 31.89 0.06 0.00 | 32.80 -0.03 0.00 | 38.07 -0.15 0.00 | 42.82 -0.26 0.00 | 43.61 -0.26 0.00 | 40.09 -0.20 0.00 | 38.62 -0.27 0.00 | 31.99 -0.16 0.00 | 28.27 -0.06 0.00 | 25.09 -0.10 0.00 |
| ONTARIO___LFGE 23819 | 24.15 -0.07 0.00 | 21.78 -0.13 0.00 | 21.47 -0.17 0.00 | 21.13 -0.13 0.00 | 21.95 -0.09 0.00 | 22.46 0.07 0.00 | 28.52 -0.03 0.00 | 30.31 0.00 0.00 | 30.13 0.36 0.00 | 28.09 0.47 0.00 | 28.08 0.25 0.00 | 28.93 0.48 0.00 | 30.06 0.36 0.00 | 31.51 0.49 0.00 | 32.30 0.48 0.00 | 33.09 0.26 0.00 | 38.19 -0.04 0.00 | 42.65 -0.43 0.00 | 43.52 -0.35 0.00 | 40.05 -0.24 0.00 | 38.27 -0.62 0.00 | 32.03 -0.13 0.00 | 28.61 0.28 0.00 | 25.55 0.35 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 23.69 -0.53 0.00 | 21.34 -0.57 0.00 | 20.95 -0.69 0.00 | 20.64 -0.62 0.00 | 21.42 -0.62 0.00 | 21.97 -0.43 0.00 | 27.78 -0.77 0.00 | 29.40 -0.91 0.00 | 29.29 -0.48 0.00 | 27.51 -0.11 0.00 | 27.58 -0.25 0.00 | 28.45 0.00 0.00 | 29.40 -0.30 0.00 | 30.89 -0.12 0.00 | 31.70 -0.13 0.00 | 32.31 -0.53 0.00 | 37.27 -0.95 0.00 | 41.23 -1.85 0.00 | 42.16 -1.71 0.00 | 38.84 -1.45 0.00 | 36.91 -1.98 0.00 | 31.00 -1.16 0.00 | 28.19 -0.14 0.00 | 25.29 0.10 0.00 |
| ORANGEVILLE___ESR 323794 | 23.69 -0.53 0.00 | 21.34 -0.57 0.00 | 20.95 -0.69 0.00 | 20.64 -0.62 0.00 | 21.42 -0.62 0.00 | 21.97 -0.43 0.00 | 27.78 -0.77 0.00 | 29.40 -0.91 0.00 | 29.29 -0.48 0.00 | 27.51 -0.11 0.00 | 27.58 -0.25 0.00 | 28.45 0.00 0.00 | 29.40 -0.30 0.00 | 30.89 -0.12 0.00 | 31.70 -0.13 0.00 | 32.31 -0.53 0.00 | 37.27 -0.95 0.00 | 41.23 -1.85 0.00 | 42.16 -1.71 0.00 | 38.84 -1.45 0.00 | 36.91 -1.98 0.00 | 31.00 -1.16 0.00 | 28.19 -0.14 0.00 | 25.29 0.10 0.00 |
| OSWEGATCHIE___HYD 24044 | 23.76 -0.46 0.00 | 21.62 -0.29 0.00 | 21.32 -0.32 0.00 | 20.98 -0.28 0.00 | 21.78 -0.26 0.00 | 22.20 -0.20 0.00 | 28.49 -0.06 0.00 | 30.31 0.00 0.00 | 29.74 -0.03 0.00 | 27.62 0.00 0.00 | 27.78 -0.06 0.00 | 28.45 0.00 0.00 | 29.58 -0.12 0.00 | 30.86 -0.15 0.00 | 31.66 -0.16 0.00 | 32.57 -0.26 0.00 | 37.96 -0.27 0.00 | 42.69 -0.39 0.00 | 43.62 -0.26 0.00 | 40.05 -0.24 0.00 | 38.89 0.00 0.00 | 32.25 0.10 0.00 | 28.33 0.00 0.00 | 25.29 0.10 0.00 |
| OSWEGO___5 23606 | 23.66 -0.56 0.00 | 21.41 -0.50 0.00 | 21.15 -0.50 0.00 | 20.77 -0.49 0.00 | 21.53 -0.51 0.00 | 21.93 -0.47 0.00 | 27.89 -0.66 0.00 | 29.58 -0.73 0.00 | 29.00 -0.77 0.00 | 27.07 -0.55 0.00 | 27.25 -0.59 0.00 | 27.91 -0.54 0.00 | 29.10 -0.59 0.00 | 30.40 -0.62 0.00 | 31.19 -0.64 0.00 | 32.11 -0.72 0.00 | 37.35 -0.88 0.00 | 42.05 -1.03 0.00 | 42.82 -1.05 0.00 | 39.32 -0.97 0.00 | 37.88 -1.01 0.00 | 31.38 -0.77 0.00 | 27.73 -0.60 0.00 | 24.61 -0.58 0.00 |

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| OSWEGO___6 23613 | 23.66 -0.56 0.00 | 21.41 -0.50 0.00 | 21.15 -0.50 0.00 | 20.77 -0.49 0.00 | 21.53 -0.51 0.00 | 21.93 -0.47 0.00 | 27.89 -0.66 0.00 | 29.58 -0.73 0.00 | 29.00 -0.77 0.00 | 27.07 -0.55 0.00 | 27.25 -0.59 0.00 | 27.91 -0.54 0.00 | 29.10 -0.59 0.00 | 30.40 -0.62 0.00 | 31.19 -0.64 0.00 | 32.11 -0.72 0.00 | 37.35 -0.88 0.00 | 42.05 -1.03 0.00 | 42.82 -1.05 0.00 | 39.32 -0.97 0.00 | 37.88 -1.01 0.00 | 31.38 -0.77 0.00 | 27.73 -0.60 0.00 | 24.61 -0.58 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 23.59 -0.63 0.00 | 21.25 -0.66 0.00 | 20.84 -0.80 0.00 | 20.56 -0.70 0.00 | 21.33 -0.71 0.00 | 21.88 -0.52 0.00 | 27.57 -0.97 0.00 | 29.10 -1.21 0.00 | 29.09 -0.68 0.00 | 27.46 -0.17 0.00 | 27.55 -0.28 0.00 | 28.45 0.00 0.00 | 29.31 -0.39 0.00 | 30.83 -0.19 0.00 | 31.57 -0.25 0.00 | 32.01 -0.82 0.00 | 36.89 -1.34 0.00 | 40.54 -2.54 0.00 | 41.51 -2.37 0.00 | 38.24 -2.05 0.00 | 36.91 -1.98 0.00 | 30.61 -1.54 0.00 | 28.13 -0.20 0.00 | 24.87 -0.33 0.00 |
| OXBOW___BTM 323836 | 23.33 -0.90 0.00 | 21.03 -0.88 0.00 | 20.61 -1.04 0.00 | 20.32 -0.93 0.00 | 21.07 -0.97 0.00 | 21.64 -0.76 0.00 | 27.23 -1.31 0.00 | 28.70 -1.61 0.00 | 28.70 -1.07 0.00 | 27.07 -0.55 0.00 | 27.19 -0.64 0.00 | 28.08 -0.37 0.00 | 28.90 -0.80 0.00 | 30.36 -0.65 0.00 | 31.09 -0.73 0.00 | 31.55 -1.28 0.00 | 36.32 -1.91 0.00 | 39.98 -3.10 0.00 | 40.85 -3.03 0.00 | 37.63 -2.66 0.00 | 35.71 -3.19 0.00 | 30.19 -1.96 0.00 | 27.79 -0.54 0.00 | 25.02 -0.18 0.00 |
| OXBOW____ 24026 | 23.32 -0.90 0.00 | 21.03 -0.88 0.00 | 20.60 -1.04 0.00 | 20.32 -0.94 0.00 | 21.07 -0.97 0.00 | 21.64 -0.76 0.00 | 27.23 -1.31 0.00 | 28.71 -1.61 0.00 | 28.70 -1.07 0.00 | 27.07 -0.55 0.00 | 27.19 -0.64 0.00 | 28.08 -0.37 0.00 | 28.93 -0.77 0.00 | 30.40 -0.62 0.00 | 31.09 -0.73 0.00 | 31.55 -1.28 0.00 | 36.35 -1.87 0.00 | 39.98 -3.10 0.00 | 40.85 -3.03 0.00 | 37.67 -2.62 0.00 | 36.40 -2.49 0.00 | 30.19 -1.96 0.00 | 27.79 -0.54 0.00 | 24.54 -0.66 0.00 |
| OXY_CHEM_DSASP 323612 | 22.99 -1.24 0.00 | 20.73 -1.18 0.00 | 20.32 -1.32 0.00 | 20.02 -1.23 0.00 | 20.76 -1.28 0.00 | 21.30 -1.10 0.00 | 26.78 -1.77 0.00 | 28.19 -2.12 0.00 | 28.22 -1.55 0.00 | 26.60 -1.02 0.00 | 26.72 -1.11 0.00 | 27.57 -0.88 0.00 | 28.36 -1.34 0.00 | 29.78 -1.24 0.00 | 30.42 -1.40 0.00 | 30.93 -1.90 0.00 | 35.63 -2.60 0.00 | 39.21 -3.88 0.00 | 40.06 -3.82 0.00 | 36.95 -3.34 0.00 | 35.74 -3.15 0.00 | 29.65 -2.51 0.00 | 27.34 -0.99 0.00 | 24.16 -1.03 0.00 |
| OZONE_PARK_ESR 323760 | 26.31 2.08 -0.01 | 23.55 1.64 0.00 | 23.27 1.62 0.00 | 22.79 1.53 0.00 | 23.63 1.59 0.00 | 24.05 1.66 0.00 | 30.90 2.34 -0.02 | 33.84 2.58 -0.95 | 35.18 2.47 -2.94 | 34.13 2.13 -4.38 | 35.05 2.20 -5.02 | 37.09 2.16 -6.48 | 43.22 2.32 -11.20 | 43.10 2.42 -9.66 | 43.02 2.48 -8.72 | 42.91 2.66 -7.42 | 45.20 3.13 -3.84 | 47.15 4.05 -0.02 | 47.91 4.04 0.00 | 44.01 3.71 -0.01 | 43.07 3.38 -0.79 | 34.84 2.67 -0.02 | 30.57 2.24 -0.01 | 27.22 2.02 -0.01 |
| PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013 | 22.99 -1.24 0.00 | 20.73 -1.18 0.00 | 20.32 -1.32 0.00 | 20.02 -1.23 0.00 | 20.76 -1.28 0.00 | 21.30 -1.10 0.00 | 26.78 -1.77 0.00 | 28.19 -2.12 0.00 | 28.22 -1.55 0.00 | 26.60 -1.02 0.00 | 26.72 -1.11 0.00 | 27.57 -0.88 0.00 | 28.36 -1.34 0.00 | 29.78 -1.24 0.00 | 30.42 -1.40 0.00 | 30.93 -1.90 0.00 | 35.63 -2.60 0.00 | 39.21 -3.88 0.00 | 40.06 -3.82 0.00 | 36.95 -3.34 0.00 | 35.74 -3.15 0.00 | 29.65 -2.51 0.00 | 27.34 -0.99 0.00 | 24.16 -1.03 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 22.99 -1.24 0.00 | 20.73 -1.18 0.00 | 20.32 -1.32 0.00 | 20.02 -1.23 0.00 | 20.76 -1.28 0.00 | 21.30 -1.10 0.00 | 26.78 -1.77 0.00 | 28.19 -2.12 0.00 | 28.22 -1.55 0.00 | 26.60 -1.02 0.00 | 26.72 -1.11 0.00 | 27.57 -0.88 0.00 | 28.36 -1.34 0.00 | 29.78 -1.24 0.00 | 30.42 -1.40 0.00 | 30.93 -1.90 0.00 | 35.63 -2.60 0.00 | 39.21 -3.88 0.00 | 40.06 -3.82 0.00 | 36.95 -3.34 0.00 | 35.74 -3.15 0.00 | 29.65 -2.51 0.00 | 27.34 -0.99 0.00 | 24.16 -1.03 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 26.05 1.82 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.81 1.41 0.00 | 30.47 1.91 -0.02 | 33.45 2.15 -0.98 | 34.86 2.05 -3.03 | 33.88 1.74 -4.51 | 34.82 1.81 -5.18 | 36.89 1.76 -6.68 | 43.18 1.93 -11.55 | 42.99 2.02 -9.96 | 42.88 2.07 -8.99 | 42.71 2.23 -7.64 | 44.78 2.60 -3.96 | 46.55 3.45 -0.02 | 47.30 3.42 0.00 | 43.44 3.14 -0.01 | 42.55 2.84 -0.82 | 34.36 2.19 -0.02 | 30.21 1.87 -0.01 | 26.89 1.69 -0.01 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 26.26 2.03 -0.01 | 23.62 1.71 0.00 | 23.31 1.67 0.00 | 22.81 1.55 0.00 | 23.63 1.59 0.00 | 24.01 1.61 0.00 | 30.70 2.14 -0.02 | 33.66 2.36 -0.98 | 35.09 2.29 -3.03 | 34.07 1.93 -4.51 | 34.98 1.98 -5.18 | 37.09 1.96 -6.68 | 43.39 2.14 -11.55 | 43.21 2.23 -9.96 | 43.10 2.29 -8.99 | 42.94 2.46 -7.64 | 45.05 2.87 -3.96 | 46.80 3.71 -0.02 | 47.61 3.73 0.00 | 43.72 3.42 -0.01 | 42.82 3.11 -0.82 | 34.58 2.41 -0.02 | 30.43 2.10 -0.01 | 27.12 1.91 -0.01 |
| PATROON___115KV_TB1 80586 | 25.00 0.78 0.00 | 22.59 0.68 0.00 | 22.34 0.69 0.00 | 21.92 0.66 0.00 | 22.72 0.68 0.00 | 23.07 0.67 0.00 | 29.49 0.94 0.00 | 31.25 0.94 0.00 | 30.57 0.80 0.00 | 28.23 0.61 0.00 | 28.47 0.64 0.00 | 28.99 0.54 0.00 | 30.32 0.62 0.00 | 31.61 0.59 0.00 | 32.43 0.60 0.00 | 33.56 0.72 0.00 | 39.14 0.92 0.00 | 44.59 1.51 0.00 | 45.46 1.58 0.00 | 41.70 1.41 0.00 | 40.10 1.21 0.00 | 33.12 0.96 0.00 | 29.06 0.74 0.00 | 25.90 0.71 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 25.48 1.26 0.00 | 23.03 1.12 0.00 | 22.75 1.10 0.00 | 22.32 1.06 0.00 | 23.14 1.10 0.00 | 23.54 1.14 0.00 | 30.09 1.54 0.00 | 31.86 1.55 0.00 | 31.17 1.40 0.00 | 28.70 1.08 0.00 | 28.86 1.03 0.00 | 29.47 1.02 0.00 | 30.77 1.07 0.00 | 32.13 1.11 0.00 | 32.97 1.14 0.00 | 34.18 1.35 0.00 | 40.02 1.80 0.00 | 45.54 2.45 0.00 | 46.42 2.54 0.00 | 42.63 2.34 0.00 | 40.99 2.10 0.00 | 33.82 1.67 0.00 | 29.74 1.42 0.00 | 26.43 1.23 0.00 |
| PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030 | 24.20 -0.02 0.00 | 21.78 -0.13 0.00 | 21.36 -0.28 0.00 | 21.07 -0.19 0.00 | 21.89 -0.15 0.00 | 22.44 0.04 0.00 | 28.37 -0.17 0.00 | 29.71 -0.61 0.00 | 29.65 -0.12 0.00 | 27.93 0.30 0.00 | 28.05 0.22 0.00 | 28.93 0.48 0.00 | 29.85 0.15 0.00 | 31.45 0.43 0.00 | 32.33 0.51 0.00 | 32.83 0.00 0.00 | 37.92 -0.31 0.00 | 41.70 -1.38 0.00 | 42.74 -1.14 0.00 | 39.36 -0.93 0.00 | 37.81 -1.09 0.00 | 31.38 -0.77 0.00 | 28.64 0.31 0.00 | 25.45 0.25 0.00 |
| PAWLING_I15_KV_BK3_REV_LBMP_H 345028 | 26.06 1.84 0.00 | 23.40 1.49 0.00 | 23.16 1.52 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.90 1.50 0.00 | 30.57 2.03 0.00 | 32.49 2.18 0.00 | 31.88 2.11 0.00 | 29.39 1.77 0.00 | 29.64 1.81 0.00 | 30.24 1.79 0.00 | 31.69 1.99 0.00 | 33.09 2.08 0.00 | 33.95 2.13 0.00 | 35.20 2.36 0.00 | 40.94 2.71 0.00 | 46.75 3.66 0.00 | 47.56 3.69 0.00 | 43.64 3.34 0.00 | 41.93 3.03 0.00 | 34.47 2.32 0.00 | 30.17 1.84 0.00 | 26.91 1.71 0.00 |
| PEEKSKILL____ 23653 | 25.89 1.67 0.00 | 23.25 1.34 0.00 | 22.96 1.32 0.00 | 22.51 1.25 0.00 | 23.34 1.30 0.00 | 23.74 1.34 0.00 | 30.37 1.83 0.00 | 32.31 2.00 0.00 | 31.70 1.93 0.00 | 29.25 1.63 0.00 | 29.50 1.67 0.00 | 30.07 1.62 0.00 | 31.48 1.78 0.00 | 32.85 1.83 0.00 | 33.73 1.91 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.32 3.23 0.00 | 47.12 3.25 0.00 | 43.27 2.98 0.00 | 41.66 2.76 0.00 | 34.24 2.09 0.00 | 30.03 1.70 0.00 | 26.70 1.51 0.00 |

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| PGE MADISON___WINDPWR 24146 | 25.75 1.53 0.00 | 23.40 1.49 0.00 | 23.01 1.36 0.00 | 22.64 1.38 0.00 | 23.60 1.57 0.00 | 24.10 1.70 0.00 | 30.91 2.37 0.00 | 32.89 2.58 0.00 | 32.27 2.50 0.00 | 29.94 2.32 0.00 | 29.84 2.00 0.00 | 30.84 2.39 0.00 | 32.19 2.49 0.00 | 33.56 2.54 0.00 | 34.46 2.64 0.00 | 35.56 2.72 0.00 | 41.47 3.25 0.00 | 46.79 3.71 0.00 | 47.87 3.99 0.00 | 44.00 3.70 0.00 | 42.24 3.35 0.00 | 34.92 2.77 0.00 | 30.85 2.52 0.00 | 27.31 2.12 0.00 |
| PIERCEFIELD___HYD 23852 | 23.52 -0.70 0.00 | 21.45 -0.46 0.00 | 21.12 -0.52 0.00 | 20.83 -0.43 0.00 | 21.60 -0.44 0.00 | 21.99 -0.40 0.00 | 28.23 -0.31 0.00 | 30.04 -0.27 0.00 | 29.35 -0.42 0.00 | 27.29 -0.33 0.00 | 27.55 -0.28 0.00 | 28.19 -0.26 0.00 | 29.25 -0.45 0.00 | 30.36 -0.65 0.00 | 31.19 -0.64 0.00 | 31.98 -0.85 0.00 | 37.23 -0.99 0.00 | 41.75 -1.34 0.00 | 42.52 -1.36 0.00 | 39.00 -1.29 0.00 | 38.04 -0.86 0.00 | 31.61 -0.55 0.00 | 27.70 -0.62 0.00 | 24.89 -0.30 0.00 |
| PINELAWN_CC_1 323563 | 29.90 2.15 -3.53 | 26.26 1.77 -2.58 | 26.00 1.75 -2.61 | 25.59 1.68 -2.66 | 25.40 1.74 -1.62 | 29.41 1.79 -5.22 | 32.77 2.42 -1.80 | 34.45 2.70 -1.45 | 33.82 2.56 -1.49 | 31.74 2.16 -1.96 | 32.07 2.20 -2.04 | 33.17 2.16 -2.56 | 32.53 2.32 -0.51 | 33.85 2.45 -0.38 | 34.82 2.55 -0.45 | 35.53 2.69 0.00 | 41.21 2.98 0.00 | 49.17 4.31 -1.78 | 48.18 4.30 0.00 | 44.24 3.95 0.00 | 42.63 3.73 0.00 | 36.62 2.77 -1.70 | 32.29 2.29 -1.67 | 30.83 2.04 -3.59 |
| PJM_GEN_HTP_PROXY 323702 | 26.09 1.87 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.87 1.48 0.00 | 30.64 2.08 -0.01 | 33.54 2.30 -0.92 | 34.81 2.20 -2.84 | 33.73 1.88 -4.23 | 34.63 1.95 -4.85 | 36.58 1.88 -6.26 | 42.57 2.05 -10.82 | 42.46 2.11 -9.33 | 42.44 2.19 -8.42 | 42.36 2.37 -7.16 | 44.69 2.75 -3.71 | 46.72 3.62 -0.02 | 47.48 3.60 0.00 | 43.60 3.30 -0.01 | 42.73 3.07 -0.77 | 34.51 2.35 -0.01 | 30.29 1.95 -0.01 | 26.94 1.74 -0.01 |
| PJM_GEN_KEystone 24065 | 24.05 -0.17 0.00 | 21.10 -0.26 0.55 | 19.30 -0.35 2.00 | 18.10 -0.30 2.86 | 18.20 -0.31 3.53 | 21.15 -0.18 1.07 | 25.03 -0.37 3.14 | 25.61 -0.64 4.06 | 24.19 -0.33 5.25 | 24.65 -0.11 2.86 | 26.63 -0.17 1.04 | 28.87 -0.03 -0.45 | 30.24 -0.24 -0.78 | 31.60 -0.09 -0.68 | 32.43 0.00 -0.61 | 33.12 -0.23 -0.52 | 38.04 -0.46 -0.27 | 42.05 -1.03 0.00 | 42.95 -0.92 0.00 | 39.57 -0.72 0.00 | 37.74 -1.21 -0.06 | 31.48 -0.68 0.00 | 28.30 -0.03 0.00 | 25.29 0.10 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 29.83 2.08 -3.53 | 26.18 1.69 -2.58 | 25.92 1.67 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.32 1.70 -5.22 | 32.66 2.31 -1.80 | 34.30 2.55 -1.45 | 33.71 2.44 -1.49 | 31.68 2.10 -1.96 | 32.01 2.14 -2.04 | 33.11 2.11 -2.56 | 32.47 2.26 -0.51 | 33.76 2.36 -0.38 | 34.73 2.45 -0.45 | 35.43 2.59 0.00 | 41.06 2.83 0.00 | 48.82 3.96 -1.78 | 47.83 3.95 0.00 | 43.92 3.63 0.00 | 42.32 3.42 0.00 | 36.46 2.60 -1.70 | 32.17 2.18 -1.67 | 30.73 1.94 -3.59 |
| PJM_GEN_VFT_PROXY 323633 | 26.00 1.77 -0.01 | 23.29 1.38 0.00 | 23.01 1.36 0.00 | 22.53 1.28 0.00 | 23.36 1.32 0.00 | 23.79 1.39 0.00 | 30.53 1.97 -0.02 | 33.45 2.18 -0.95 | 34.82 2.11 -2.94 | 33.80 1.79 -4.38 | 34.69 1.84 -5.02 | 36.69 1.76 -6.48 | 42.77 1.87 -11.20 | 42.63 1.96 -9.66 | 42.58 2.04 -8.72 | 42.45 2.20 -7.42 | 44.63 2.56 -3.84 | 46.50 3.40 -0.02 | 47.21 3.33 0.00 | 43.40 3.10 -0.01 | 42.61 2.92 -0.79 | 34.42 2.25 -0.02 | 30.18 1.84 -0.01 | 26.84 1.64 -0.01 |
| PLATSBURG_115KV_PMLD1 355749 | 23.01 -1.21 0.00 | 21.10 -0.81 0.00 | 20.73 -0.91 0.00 | 20.49 -0.77 0.00 | 21.29 -0.75 0.00 | 21.66 -0.74 0.00 | 27.92 -0.63 0.00 | 29.80 -0.52 0.00 | 29.09 -0.68 0.00 | 27.18 -0.44 0.00 | 27.69 -0.14 0.00 | 28.42 -0.03 0.00 | 29.67 -0.03 0.00 | 30.98 -0.03 0.00 | 31.85 0.03 0.00 | 32.73 -0.10 0.00 | 38.30 0.08 0.00 | 42.91 -0.17 0.00 | 43.44 -0.44 0.00 | 39.73 -0.56 0.00 | 38.51 -0.39 0.00 | 31.83 -0.32 0.00 | 27.85 -0.48 0.00 | 24.92 -0.28 0.00 |
| PLEASANTVLY___LBMP 24000 | 25.70 1.48 0.00 | 23.14 1.23 0.00 | 22.86 1.21 0.00 | 22.40 1.15 0.00 | 23.23 1.19 0.00 | 23.61 1.21 0.00 | 30.17 1.63 0.00 | 32.07 1.76 0.00 | 31.44 1.67 0.00 | 29.00 1.38 0.00 | 29.25 1.42 0.00 | 29.81 1.37 0.00 | 31.18 1.48 0.00 | 32.54 1.52 0.00 | 33.41 1.59 0.00 | 34.57 1.74 0.00 | 40.29 2.06 0.00 | 45.88 2.80 0.00 | 46.68 2.81 0.00 | 42.87 2.58 0.00 | 41.23 2.33 0.00 | 33.99 1.83 0.00 | 29.83 1.50 0.00 | 26.58 1.39 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 25.94 1.72 0.00 | 23.29 1.38 0.00 | 23.01 1.36 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.79 1.39 0.00 | 30.43 1.88 0.00 | 32.40 2.09 0.00 | 31.77 1.99 0.00 | 29.31 1.69 0.00 | 29.58 1.75 0.00 | 30.13 1.68 0.00 | 31.54 1.84 0.00 | 32.91 1.89 0.00 | 33.79 1.97 0.00 | 34.97 2.13 0.00 | 40.71 2.48 0.00 | 46.40 3.32 0.00 | 47.17 3.29 0.00 | 43.31 3.02 0.00 | 41.66 2.76 0.00 | 34.31 2.15 0.00 | 30.08 1.76 0.00 | 26.81 1.61 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 25.94 1.72 0.00 | 23.29 1.38 0.00 | 23.01 1.36 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.79 1.39 0.00 | 30.43 1.88 0.00 | 32.40 2.09 0.00 | 31.77 1.99 0.00 | 29.31 1.69 0.00 | 29.58 1.75 0.00 | 30.13 1.68 0.00 | 31.54 1.84 0.00 | 32.91 1.89 0.00 | 33.79 1.97 0.00 | 34.97 2.13 0.00 | 40.71 2.48 0.00 | 46.40 3.32 0.00 | 47.17 3.29 0.00 | 43.31 3.02 0.00 | 41.66 2.76 0.00 | 34.31 2.15 0.00 | 30.08 1.76 0.00 | 26.81 1.61 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 25.80 1.57 0.00 | 23.22 1.31 0.00 | 22.94 1.30 0.00 | 22.49 1.23 0.00 | 23.32 1.28 0.00 | 23.72 1.32 0.00 | 30.29 1.74 0.00 | 32.19 1.88 0.00 | 31.56 1.79 0.00 | 29.09 1.46 0.00 | 29.36 1.53 0.00 | 29.90 1.45 0.00 | 31.33 1.63 0.00 | 32.66 1.64 0.00 | 33.54 1.72 0.00 | 34.77 1.94 0.00 | 40.48 2.26 0.00 | 46.14 3.06 0.00 | 46.99 3.12 0.00 | 43.15 2.86 0.00 | 41.42 2.53 0.00 | 34.15 1.99 0.00 | 29.94 1.61 0.00 | 26.70 1.51 0.00 |
| POLETTI___ 23519 | 26.14 1.91 -0.01 | 23.44 1.53 0.00 | 23.14 1.49 0.00 | 22.68 1.42 0.00 | 23.49 1.45 0.00 | 23.92 1.52 0.00 | 30.67 2.11 -0.02 | 33.60 2.33 -0.95 | 34.94 2.23 -2.94 | 33.91 1.91 -4.38 | 34.83 1.98 -5.02 | 36.83 1.91 -6.48 | 42.98 2.08 -11.20 | 42.82 2.14 -9.66 | 42.77 2.23 -8.72 | 42.64 2.40 -7.41 | 44.86 2.79 -3.84 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.72 3.03 -0.79 | 34.58 2.41 -0.02 | 30.35 2.01 -0.01 | 27.04 1.84 -0.01 |
| POMONA___ESR 323819 | 25.87 1.65 0.00 | 23.25 1.34 0.00 | 22.96 1.32 0.00 | 22.51 1.25 0.00 | 23.34 1.30 0.00 | 23.74 1.34 0.00 | 30.37 1.83 0.00 | 32.31 2.00 0.00 | 31.77 1.99 0.00 | 29.31 1.69 0.00 | 29.56 1.73 0.00 | 30.12 1.68 0.00 | 31.54 1.84 0.00 | 32.94 1.92 0.00 | 33.80 1.97 0.00 | 35.00 2.17 0.00 | 40.75 2.52 0.00 | 46.40 3.32 0.00 | 47.26 3.38 0.00 | 43.27 2.98 0.00 | 41.66 2.76 0.00 | 34.24 2.09 0.00 | 30.06 1.73 0.00 | 26.70 1.51 0.00 |
| PORT_JEFF_3 23555 | 29.71 1.96 -3.53 | 26.11 1.62 -2.58 | 25.87 1.62 -2.61 | 25.45 1.53 -2.66 | 25.25 1.59 -1.62 | 29.23 1.61 -5.22 | 32.57 2.23 -1.80 | 34.24 2.49 -1.45 | 33.62 2.35 -1.49 | 31.54 1.96 -1.96 | 31.82 1.95 -2.04 | 32.91 1.91 -2.56 | 32.26 2.05 -0.51 | 33.57 2.17 -0.38 | 34.54 2.26 -0.45 | 35.26 2.43 0.00 | 40.98 2.75 0.00 | 49.04 4.18 -1.78 | 48.00 4.12 0.00 | 44.08 3.79 0.00 | 42.59 3.70 0.00 | 36.43 2.57 -1.70 | 32.12 2.13 -1.67 | 30.62 1.84 -3.59 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PORT_JEFF_4 23616 | 29.71 1.96 -3.53 | 26.11 1.62 -2.58 | 25.87 1.62 -2.61 | 25.45 1.53 -2.66 | 25.25 1.59 -1.62 | 29.23 1.61 -5.22 | 32.57 2.23 -1.80 | 34.24 2.49 -1.45 | 33.62 2.35 -1.49 | 31.54 1.96 -1.96 | 31.82 1.95 -2.04 | 32.91 1.91 -2.56 | 32.26 2.05 -0.51 | 33.57 2.17 -0.38 | 34.54 2.26 -0.45 | 35.26 2.43 0.00 | 40.98 2.75 0.00 | 49.04 4.18 -1.78 | 48.00 4.12 0.00 | 44.08 3.79 0.00 | 42.59 3.70 0.00 | 36.43 2.57 -1.70 | 32.12 2.13 -1.67 | 30.62 1.84 -3.59 |
| PORT_JEFF_IC 23713 | 29.71 1.96 -3.53 | 26.11 1.62 -2.58 | 25.85 1.60 -2.61 | 25.45 1.53 -2.66 | 25.25 1.59 -1.62 | 29.21 1.59 -5.22 | 32.57 2.23 -1.80 | 34.24 2.49 -1.45 | 33.62 2.35 -1.49 | 31.54 1.96 -1.96 | 31.85 1.98 -2.04 | 32.94 1.93 -2.56 | 32.29 2.08 -0.51 | 33.57 2.17 -0.38 | 34.57 2.29 -0.45 | 35.30 2.46 0.00 | 41.02 2.79 0.00 | 49.09 4.22 -1.78 | 48.09 4.21 0.00 | 44.16 3.87 0.00 | 42.28 3.38 0.00 | 36.46 2.60 -1.70 | 32.15 2.15 -1.67 | 30.68 1.89 -3.59 |
| PPL PILGRIM_ST_GT1 24216 | 29.88 2.13 -3.53 | 26.24 1.75 -2.58 | 26.00 1.75 -2.61 | 25.57 1.66 -2.66 | 25.38 1.72 -1.62 | 29.39 1.77 -5.22 | 32.80 2.46 -1.80 | 34.45 2.70 -1.45 | 33.82 2.56 -1.49 | 31.74 2.16 -1.96 | 31.98 2.11 -2.04 | 33.08 2.08 -2.56 | 32.44 2.23 -0.51 | 33.76 2.36 -0.38 | 34.73 2.45 -0.45 | 35.46 2.63 0.00 | 41.17 2.94 0.00 | 49.17 4.31 -1.78 | 48.18 4.30 0.00 | 44.24 3.95 0.00 | 42.67 3.77 0.00 | 36.56 2.70 -1.70 | 32.26 2.27 -1.67 | 30.78 1.99 -3.59 |
| PPL PILGRIM_ST_GT2 24217 | 29.88 2.13 -3.53 | 26.24 1.75 -2.58 | 26.00 1.75 -2.61 | 25.57 1.66 -2.66 | 25.38 1.72 -1.62 | 29.39 1.77 -5.22 | 32.80 2.46 -1.80 | 34.45 2.70 -1.45 | 33.82 2.56 -1.49 | 31.74 2.16 -1.96 | 31.98 2.11 -2.04 | 33.08 2.08 -2.56 | 32.44 2.23 -0.51 | 33.76 2.36 -0.38 | 34.73 2.45 -0.45 | 35.46 2.63 0.00 | 41.17 2.94 0.00 | 49.17 4.31 -1.78 | 48.18 4.30 0.00 | 44.24 3.95 0.00 | 42.67 3.77 0.00 | 36.56 2.70 -1.70 | 32.26 2.27 -1.67 | 30.78 1.99 -3.59 |
| PPL_SHRM_GT3 24213 | 29.00 1.26 -3.53 | 25.50 1.01 -2.58 | 25.27 1.02 -2.61 | 24.92 1.00 -2.66 | 24.70 1.04 -1.62 | 26.47 0.85 -3.22 | 29.93 1.29 -0.10 | 33.30 1.55 -1.45 | 32.66 1.40 -1.49 | 27.70 1.05 0.97 | 30.90 1.03 -2.04 | 31.89 0.97 -2.48 | 28.24 1.07 2.53 | 31.87 1.15 0.30 | 32.39 1.24 0.68 | 30.45 1.41 3.80 | 39.91 1.68 0.00 | 48.05 3.19 -1.78 | 46.99 3.12 0.00 | 43.15 2.86 0.00 | 42.12 3.23 0.00 | 35.59 1.74 -1.70 | 31.41 1.42 -1.67 | 29.84 1.06 -3.59 |
| PPL_SHRM_GT4 24214 | 29.00 1.26 -3.53 | 25.50 1.01 -2.58 | 25.27 1.02 -2.61 | 24.92 1.00 -2.66 | 24.70 1.04 -1.62 | 26.47 0.85 -3.22 | 29.93 1.29 -0.10 | 33.30 1.55 -1.45 | 32.66 1.40 -1.49 | 27.70 1.05 0.97 | 30.90 1.03 -2.04 | 31.89 0.97 -2.48 | 28.24 1.07 2.53 | 31.87 1.15 0.30 | 32.39 1.24 0.68 | 30.45 1.41 3.80 | 39.91 1.68 0.00 | 48.05 3.19 -1.78 | 46.99 3.12 0.00 | 43.15 2.86 0.00 | 42.12 3.23 0.00 | 35.59 1.74 -1.70 | 31.41 1.42 -1.67 | 29.84 1.06 -3.59 |
| PROJECT___ORANGE 1 24174 | 23.95 -0.27 0.00 | 21.67 -0.24 0.00 | 21.38 -0.26 0.00 | 21.02 -0.23 0.00 | 21.80 -0.24 0.00 | 22.22 -0.18 0.00 | 28.23 -0.31 0.00 | 29.98 -0.33 0.00 | 29.65 -0.12 0.00 | 27.51 -0.11 0.00 | 27.64 -0.19 0.00 | 28.33 -0.11 0.00 | 29.55 -0.15 0.00 | 30.89 -0.12 0.00 | 31.69 -0.13 0.00 | 32.60 -0.23 0.00 | 37.85 -0.38 0.00 | 42.61 -0.47 0.00 | 43.39 -0.48 0.00 | 39.89 -0.40 0.00 | 38.43 -0.47 0.00 | 31.80 -0.35 0.00 | 28.10 -0.23 0.00 | 24.94 -0.25 0.00 |
| PROJECT___ORANGE 2 24166 | 23.95 -0.27 0.00 | 21.67 -0.24 0.00 | 21.38 -0.26 0.00 | 21.02 -0.23 0.00 | 21.80 -0.24 0.00 | 22.22 -0.18 0.00 | 28.23 -0.31 0.00 | 29.98 -0.33 0.00 | 29.65 -0.12 0.00 | 27.51 -0.11 0.00 | 27.64 -0.19 0.00 | 28.33 -0.11 0.00 | 29.55 -0.15 0.00 | 30.89 -0.12 0.00 | 31.69 -0.13 0.00 | 32.60 -0.23 0.00 | 37.85 -0.38 0.00 | 42.61 -0.47 0.00 | 43.39 -0.48 0.00 | 39.89 -0.40 0.00 | 38.43 -0.47 0.00 | 31.80 -0.35 0.00 | 28.10 -0.23 0.00 | 24.94 -0.25 0.00 |
| PUCKETT___SOLAR 323809 | 24.75 0.53 0.00 | 22.37 0.46 0.00 | 22.08 0.43 0.00 | 21.70 0.45 0.00 | 22.52 0.48 0.00 | 22.96 0.56 0.00 | 29.26 0.71 0.00 | 31.10 0.79 0.00 | 30.66 0.89 0.00 | 28.45 0.83 0.00 | 28.50 0.67 0.00 | 29.24 0.80 0.00 | 30.50 0.80 0.00 | 31.88 0.87 0.00 | 32.78 0.95 0.00 | 33.79 0.95 0.00 | 39.30 1.07 0.00 | 44.20 1.12 0.00 | 45.15 1.27 0.00 | 41.50 1.21 0.00 | 39.83 0.93 0.00 | 32.99 0.83 0.00 | 29.23 0.91 0.00 | 26.00 0.81 0.00 |
| PYRITES___HYD 24023 | 23.74 -0.48 0.00 | 21.65 -0.26 0.00 | 21.32 -0.32 0.00 | 21.02 -0.23 0.00 | 21.82 -0.22 0.00 | 22.24 -0.16 0.00 | 28.60 0.06 0.00 | 30.43 0.12 0.00 | 29.71 -0.06 0.00 | 27.60 -0.03 0.00 | 27.83 0.00 0.00 | 28.50 0.06 0.00 | 29.61 -0.09 0.00 | 30.74 -0.28 0.00 | 31.54 -0.29 0.00 | 32.37 -0.46 0.00 | 37.73 -0.50 0.00 | 42.31 -0.78 0.00 | 43.13 -0.75 0.00 | 39.61 -0.68 0.00 | 38.62 -0.27 0.00 | 32.03 -0.13 0.00 | 28.07 -0.25 0.00 | 25.17 -0.03 0.00 |
| QUAKERRD_115KV_BK1 80622 | 23.28 -0.94 0.00 | 21.01 -0.90 0.00 | 20.65 -1.00 0.00 | 20.34 -0.91 0.00 | 21.09 -0.95 0.00 | 21.57 -0.83 0.00 | 27.35 -1.20 0.00 | 28.95 -1.36 0.00 | 28.82 -0.95 0.00 | 26.99 -0.64 0.00 | 27.08 -0.75 0.00 | 27.91 -0.54 0.00 | 28.93 -0.77 0.00 | 30.27 -0.74 0.00 | 30.96 -0.86 0.00 | 31.62 -1.21 0.00 | 36.55 -1.68 0.00 | 40.71 -2.37 0.00 | 41.51 -2.37 0.00 | 38.20 -2.10 0.00 | 36.91 -1.98 0.00 | 30.55 -1.61 0.00 | 27.53 -0.79 0.00 | 24.26 -0.93 0.00 |
| QUEENSBRY_115KV_TB8 356137 | 26.11 1.89 0.00 | 23.62 1.71 0.00 | 23.27 1.62 0.00 | 22.83 1.57 0.00 | 23.69 1.65 0.00 | 24.12 1.72 0.00 | 30.91 2.37 0.00 | 32.80 2.49 0.00 | 32.12 2.35 0.00 | 29.64 2.02 0.00 | 29.86 2.03 0.00 | 30.44 1.99 0.00 | 31.81 2.11 0.00 | 33.13 2.11 0.00 | 33.92 2.10 0.00 | 35.13 2.30 0.00 | 41.02 2.79 0.00 | 46.92 3.83 0.00 | 47.91 4.04 0.00 | 43.96 3.67 0.00 | 42.16 3.27 0.00 | 34.76 2.60 0.00 | 30.51 2.18 0.00 | 27.13 1.94 0.00 |
| RAMAPO___LBMP 323565 | 25.80 1.57 0.00 | 23.18 1.27 0.00 | 22.90 1.26 0.00 | 22.45 1.19 0.00 | 23.27 1.23 0.00 | 23.67 1.28 0.00 | 30.26 1.71 0.00 | 32.22 1.91 0.00 | 31.59 1.82 0.00 | 29.14 1.52 0.00 | 29.42 1.59 0.00 | 29.98 1.54 0.00 | 31.36 1.66 0.00 | 32.75 1.74 0.00 | 33.60 1.78 0.00 | 34.80 1.97 0.00 | 40.52 2.29 0.00 | 46.14 3.06 0.00 | 46.95 3.07 0.00 | 43.11 2.82 0.00 | 41.42 2.53 0.00 | 34.15 1.99 0.00 | 29.94 1.61 0.00 | 26.68 1.49 0.00 |
| RANKINE____ 23646 | 23.83 -0.39 0.00 | 21.47 -0.44 0.00 | 21.06 -0.58 0.00 | 20.77 -0.49 0.00 | 21.56 -0.48 0.00 | 22.11 -0.29 0.00 | 27.92 -0.63 0.00 | 29.40 -0.91 0.00 | 29.35 -0.42 0.00 | 27.65 0.03 0.00 | 27.78 -0.06 0.00 | 28.67 0.23 0.00 | 29.55 -0.15 0.00 | 31.11 0.09 0.00 | 31.89 0.06 0.00 | 32.37 -0.46 0.00 | 37.35 -0.88 0.00 | 41.10 -1.98 0.00 | 42.08 -1.80 0.00 | 38.76 -1.53 0.00 | 37.34 -1.56 0.00 | 30.96 -1.19 0.00 | 28.36 0.03 0.00 | 25.09 -0.10 0.00 |
| RAVENSWOOD_GT2_1 24244 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.66 1.40 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.01 2.20 -8.99 | 42.84 2.36 -7.64 | 44.94 2.75 -3.96 | 46.72 3.62 -0.02 | 47.47 3.60 0.00 | 43.60 3.30 -0.01 | 42.75 3.03 -0.82 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |

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|---|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT2_2 24245 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.66 1.40 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.01 2.20 -8.99 | 42.84 2.36 -7.64 | 44.94 2.75 -3.96 | 46.72 3.62 -0.02 | 47.47 3.60 0.00 | 43.60 3.30 -0.01 | 42.75 3.03 -0.82 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD_GT2_3 24246 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.14 1.49 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.03 2.23 -3.03 | 34.04 1.91 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.33 2.08 -11.55 | 43.12 2.14 -9.96 | 43.04 2.23 -8.99 | 42.87 2.40 -7.64 | 44.98 2.79 -3.96 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.75 3.03 -0.82 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD_GT2_4 24247 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.14 1.49 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.03 2.23 -3.03 | 34.04 1.91 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.33 2.08 -11.55 | 43.12 2.14 -9.96 | 43.04 2.23 -8.99 | 42.87 2.40 -7.64 | 44.98 2.79 -3.96 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.75 3.03 -0.82 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD_GT3_1 24248 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.01 2.20 -8.99 | 42.84 2.36 -7.64 | 44.94 2.75 -3.96 | 46.72 3.62 -0.02 | 47.47 3.60 0.00 | 43.60 3.30 -0.01 | 42.75 3.03 -0.82 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD_GT3_2 24249 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.01 2.20 -8.99 | 42.84 2.36 -7.64 | 44.94 2.75 -3.96 | 46.72 3.62 -0.02 | 47.47 3.60 0.00 | 43.60 3.30 -0.01 | 42.75 3.03 -0.82 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD_GT3_3 24250 | 26.14 1.91 -0.01 | 23.44 1.53 0.00 | 23.14 1.49 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.92 1.52 0.00 | 30.67 2.11 -0.02 | 33.63 2.33 -0.98 | 35.06 2.26 -3.03 | 34.07 1.93 -4.51 | 34.98 1.98 -5.18 | 37.06 1.93 -6.68 | 43.36 2.11 -11.55 | 43.15 2.17 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.56 3.69 0.00 | 43.68 3.38 -0.01 | 42.78 3.07 -0.82 | 34.58 2.41 -0.02 | 30.35 2.01 -0.01 | 27.04 1.84 -0.01 |
| RAVENSWOOD_GT3_4 24251 | 26.14 1.91 -0.01 | 23.44 1.53 0.00 | 23.14 1.49 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.92 1.52 0.00 | 30.67 2.11 -0.02 | 33.63 2.33 -0.98 | 35.06 2.26 -3.03 | 34.07 1.93 -4.51 | 34.98 1.98 -5.18 | 37.06 1.93 -6.68 | 43.36 2.11 -11.55 | 43.15 2.17 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.56 3.69 0.00 | 43.68 3.38 -0.01 | 42.78 3.07 -0.82 | 34.58 2.41 -0.02 | 30.35 2.01 -0.01 | 27.04 1.84 -0.01 |
| RAVENSWOOD_GT_1 23729 | 26.14 1.91 -0.01 | 23.42 1.51 0.00 | 23.14 1.49 0.00 | 22.66 1.40 0.00 | 23.47 1.43 0.00 | 23.88 1.48 0.00 | 30.62 2.06 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.33 2.08 -11.55 | 43.15 2.17 -9.96 | 43.04 2.23 -8.99 | 42.87 2.40 -7.64 | 44.98 2.79 -3.96 | 46.72 3.62 -0.02 | 47.47 3.60 0.00 | 43.60 3.30 -0.01 | 42.75 3.03 -0.82 | 34.52 2.35 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD_GT_10 24258 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.01 2.20 -8.99 | 42.84 2.36 -7.64 | 44.94 2.75 -3.96 | 46.72 3.62 -0.02 | 47.47 3.60 0.00 | 43.60 3.30 -0.01 | 42.75 3.03 -0.82 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD_GT_11 24259 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.01 2.20 -8.99 | 42.84 2.36 -7.64 | 44.94 2.75 -3.96 | 46.72 3.62 -0.02 | 47.47 3.60 0.00 | 43.60 3.30 -0.01 | 42.75 3.03 -0.82 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD_GT_4 24252 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.14 1.49 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.92 1.52 0.00 | 30.67 2.11 -0.02 | 33.60 2.30 -0.98 | 35.03 2.23 -3.03 | 34.04 1.91 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.04 2.23 -8.99 | 42.87 2.40 -7.64 | 44.98 2.79 -3.96 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.75 3.03 -0.82 | 34.58 2.41 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD_GT_5 24254 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.14 1.49 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.92 1.52 0.00 | 30.67 2.11 -0.02 | 33.60 2.30 -0.98 | 35.03 2.23 -3.03 | 34.04 1.91 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.04 2.23 -8.99 | 42.87 2.40 -7.64 | 44.98 2.79 -3.96 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.75 3.03 -0.82 | 34.58 2.41 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD_GT_6 24253 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.14 1.49 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.92 1.52 0.00 | 30.67 2.11 -0.02 | 33.60 2.30 -0.98 | 35.03 2.23 -3.03 | 34.04 1.91 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.04 2.23 -8.99 | 42.87 2.40 -7.64 | 44.98 2.79 -3.96 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.75 3.03 -0.82 | 34.58 2.41 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD_GT_7 24255 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.14 1.49 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.92 1.52 0.00 | 30.67 2.11 -0.02 | 33.60 2.30 -0.98 | 35.03 2.23 -3.03 | 34.04 1.91 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.04 2.23 -8.99 | 42.87 2.40 -7.64 | 44.98 2.79 -3.96 | 46.72 3.62 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.75 3.03 -0.82 | 34.58 2.41 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.01 2.20 -8.99 | 42.84 2.36 -7.64 | 44.94 2.75 -3.96 | 46.72 3.62 -0.02 | 47.47 3.60 0.00 | 43.60 3.30 -0.01 | 42.75 3.03 -0.82 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT_9 24257 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.66 1.40 0.00 | 23.49 1.45 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.30 2.05 -11.55 | 43.12 2.14 -9.96 | 43.01 2.20 -8.99 | 42.84 2.36 -7.64 | 44.94 2.75 -3.96 | 46.72 3.62 -0.02 | 47.47 3.60 0.00 | 43.60 3.30 -0.01 | 42.75 3.03 -0.82 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 27.01 1.81 -0.01 |
| RAVENSWOOD___1 23533 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.85 1.45 0.00 | 30.59 2.03 -0.02 | 33.57 2.27 -0.98 | 34.97 2.17 -3.03 | 33.99 1.85 -4.51 | 34.93 1.92 -5.18 | 37.01 1.88 -6.68 | 43.30 2.05 -11.55 | 43.11 2.14 -9.96 | 43.00 2.19 -8.99 | 42.84 2.37 -7.64 | 44.94 2.75 -3.96 | 46.72 3.62 -0.02 | 47.48 3.60 0.00 | 43.60 3.30 -0.01 | 42.82 3.11 -0.82 | 34.49 2.32 -0.02 | 30.29 1.95 -0.01 | 26.94 1.74 -0.01 |
| RAVENSWOOD___2 23534 | 26.12 1.89 -0.01 | 23.40 1.49 0.00 | 23.12 1.47 0.00 | 22.64 1.38 0.00 | 23.45 1.41 0.00 | 23.85 1.45 0.00 | 30.59 2.03 -0.02 | 33.54 2.24 -0.98 | 34.97 2.17 -3.03 | 33.99 1.85 -4.51 | 34.93 1.92 -5.18 | 37.01 1.88 -6.68 | 43.30 2.05 -11.55 | 43.11 2.14 -9.96 | 43.00 2.19 -8.99 | 42.84 2.37 -7.64 | 44.94 2.75 -3.96 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.60 3.30 -0.01 | 42.78 3.07 -0.82 | 34.49 2.32 -0.02 | 30.26 1.93 -0.01 | 26.94 1.74 -0.01 |
| RAVENSWOOD___3 23535 | 26.12 1.89 -0.01 | 23.42 1.51 0.00 | 23.12 1.47 0.00 | 22.66 1.40 0.00 | 23.47 1.43 0.00 | 23.90 1.50 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.04 1.91 -6.68 | 43.30 2.05 -11.55 | 43.11 2.14 -9.96 | 43.00 2.19 -8.99 | 42.84 2.37 -7.64 | 44.94 2.75 -3.96 | 46.72 3.62 -0.02 | 47.48 3.60 0.00 | 43.64 3.34 -0.01 | 42.82 3.11 -0.82 | 34.55 2.38 -0.02 | 30.32 1.98 -0.01 | 26.96 1.76 -0.01 |
| RAVENSWOOD___4 23820 | 26.09 1.87 -0.01 | 23.40 1.49 0.00 | 23.09 1.45 0.00 | 22.62 1.36 0.00 | 23.45 1.41 0.00 | 23.85 1.45 0.00 | 30.59 2.03 -0.02 | 33.54 2.24 -0.98 | 34.97 2.17 -3.03 | 33.99 1.85 -4.51 | 34.90 1.89 -5.18 | 37.01 1.88 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 43.00 2.19 -8.99 | 42.84 2.37 -7.64 | 44.94 2.75 -3.96 | 46.67 3.57 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.78 3.07 -0.82 | 34.49 2.32 -0.02 | 30.26 1.93 -0.01 | 26.94 1.74 -0.01 |
| RCPL_TRUST___DRP 24196 | 26.14 1.91 -0.01 | 23.44 1.53 0.00 | 23.16 1.52 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.94 1.55 0.00 | 30.70 2.14 -0.01 | 33.60 2.36 -0.92 | 34.90 2.29 -2.84 | 33.81 1.96 -4.23 | 34.71 2.03 -4.85 | 36.70 1.99 -6.26 | 42.66 2.14 -10.82 | 42.58 2.23 -9.33 | 42.53 2.29 -8.42 | 42.46 2.46 -7.16 | 44.80 2.87 -3.71 | 46.85 3.75 -0.02 | 47.56 3.69 0.00 | 43.68 3.38 -0.01 | 42.77 3.11 -0.77 | 34.61 2.44 -0.01 | 30.35 2.01 -0.01 | 27.04 1.84 -0.01 |
| RED___ROCHESTER 323720 | 23.81 -0.41 0.00 | 21.47 -0.44 0.00 | 21.10 -0.54 0.00 | 20.77 -0.49 0.00 | 21.55 -0.48 0.00 | 22.06 -0.34 0.00 | 27.94 -0.60 0.00 | 29.62 -0.70 0.00 | 29.53 -0.24 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.67 0.23 0.00 | 29.67 -0.03 0.00 | 31.08 0.06 0.00 | 31.79 -0.03 0.00 | 32.41 -0.43 0.00 | 37.42 -0.80 0.00 | 41.66 -1.42 0.00 | 42.47 -1.41 0.00 | 39.08 -1.21 0.00 | 37.30 -1.60 0.00 | 31.29 -0.87 0.00 | 28.27 -0.06 0.00 | 25.22 0.03 0.00 |
| REGAN___SOLAR 323812 | 26.23 2.01 0.00 | 23.75 1.84 0.00 | 23.40 1.75 0.00 | 22.98 1.72 0.00 | 23.87 1.83 0.00 | 24.32 1.93 0.00 | 31.17 2.62 0.00 | 32.95 2.64 0.00 | 32.21 2.44 0.00 | 29.56 1.93 0.00 | 29.61 1.78 0.00 | 30.24 1.79 0.00 | 31.63 1.93 0.00 | 32.97 1.96 0.00 | 33.83 2.01 0.00 | 35.16 2.33 0.00 | 41.36 3.14 0.00 | 47.22 4.14 0.00 | 48.18 4.30 0.00 | 44.24 3.95 0.00 | 42.43 3.54 0.00 | 34.98 2.83 0.00 | 30.73 2.41 0.00 | 27.26 2.07 0.00 |
| RENSSELAER___COGEN 23796 | 24.92 0.70 0.00 | 22.50 0.59 0.00 | 22.25 0.61 0.00 | 21.83 0.57 0.00 | 22.64 0.60 0.00 | 22.98 0.58 0.00 | 29.37 0.83 0.00 | 31.13 0.82 0.00 | 30.42 0.65 0.00 | 28.09 0.47 0.00 | 28.33 0.50 0.00 | 28.84 0.40 0.00 | 30.14 0.45 0.00 | 31.45 0.43 0.00 | 32.27 0.45 0.00 | 33.39 0.56 0.00 | 38.95 0.72 0.00 | 44.42 1.34 0.00 | 45.24 1.36 0.00 | 41.54 1.25 0.00 | 39.98 1.09 0.00 | 32.99 0.83 0.00 | 28.95 0.62 0.00 | 25.77 0.58 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 26.86 2.64 0.00 | 24.34 2.43 0.00 | 23.92 2.27 0.00 | 23.45 2.19 0.00 | 24.33 2.29 0.00 | 24.86 2.46 0.00 | 31.97 3.43 0.00 | 33.86 3.55 0.00 | 33.19 3.42 0.00 | 30.66 3.04 0.00 | 30.86 3.03 0.00 | 31.46 3.02 0.00 | 32.85 3.15 0.00 | 34.18 3.16 0.00 | 34.94 3.12 0.00 | 36.25 3.41 0.00 | 42.32 4.09 0.00 | 48.60 5.51 0.00 | 49.67 5.79 0.00 | 45.57 5.28 0.00 | 43.60 4.71 0.00 | 35.92 3.76 0.00 | 31.50 3.17 0.00 | 27.99 2.80 0.00 |
| REVERE_CPPR_DRP 24186 | 24.85 0.63 0.00 | 22.54 0.64 0.00 | 22.25 0.61 0.00 | 21.87 0.62 0.00 | 22.72 0.68 0.00 | 23.16 0.76 0.00 | 29.60 1.06 0.00 | 31.46 1.15 0.00 | 30.90 1.13 0.00 | 28.70 1.08 0.00 | 28.78 0.95 0.00 | 29.53 1.08 0.00 | 30.83 1.13 0.00 | 32.19 1.18 0.00 | 33.03 1.21 0.00 | 34.08 1.25 0.00 | 39.72 1.49 0.00 | 44.85 1.77 0.00 | 45.76 1.89 0.00 | 42.06 1.77 0.00 | 40.57 1.67 0.00 | 33.50 1.35 0.00 | 29.52 1.19 0.00 | 26.18 0.98 0.00 |
| REYNOLDS_115KV_TB3 80639 | 25.19 0.97 0.00 | 22.74 0.83 0.00 | 22.49 0.84 0.00 | 22.04 0.79 0.00 | 22.86 0.82 0.00 | 23.23 0.83 0.00 | 29.63 1.08 0.00 | 31.46 1.15 0.00 | 30.75 0.98 0.00 | 28.40 0.77 0.00 | 28.64 0.81 0.00 | 29.16 0.71 0.00 | 30.47 0.77 0.00 | 31.79 0.78 0.00 | 32.62 0.80 0.00 | 33.75 0.92 0.00 | 39.37 1.15 0.00 | 44.89 1.81 0.00 | 45.72 1.84 0.00 | 41.98 1.69 0.00 | 40.33 1.44 0.00 | 33.34 1.19 0.00 | 29.29 0.96 0.00 | 26.10 0.91 0.00 |
| RIVERBAY____ 323610 | 26.26 2.03 -0.01 | 23.62 1.71 0.00 | 23.31 1.67 0.00 | 22.81 1.55 0.00 | 23.63 1.59 0.00 | 24.01 1.61 0.00 | 30.70 2.14 -0.02 | 33.66 2.36 -0.98 | 35.09 2.29 -3.03 | 34.07 1.93 -4.51 | 34.98 1.98 -5.18 | 37.09 1.96 -6.68 | 43.39 2.14 -11.55 | 43.21 2.23 -9.96 | 43.10 2.29 -8.99 | 42.94 2.46 -7.64 | 45.05 2.87 -3.96 | 46.80 3.71 -0.02 | 47.61 3.73 0.00 | 43.72 3.42 -0.01 | 42.82 3.11 -0.82 | 34.58 2.41 -0.02 | 30.43 2.10 -0.01 | 27.12 1.91 -0.01 |
| RIVERSDE_115KV_TB3 55908 | 25.04 0.82 0.00 | 22.63 0.72 0.00 | 22.38 0.74 0.00 | 21.94 0.68 0.00 | 22.77 0.73 0.00 | 23.11 0.72 0.00 | 29.52 0.97 0.00 | 31.25 0.94 0.00 | 30.54 0.77 0.00 | 28.20 0.58 0.00 | 28.44 0.61 0.00 | 28.96 0.51 0.00 | 30.29 0.59 0.00 | 31.61 0.59 0.00 | 32.39 0.57 0.00 | 33.52 0.69 0.00 | 39.11 0.88 0.00 | 44.59 1.51 0.00 | 45.41 1.54 0.00 | 41.70 1.41 0.00 | 40.06 1.17 0.00 | 33.09 0.93 0.00 | 29.06 0.74 0.00 | 25.90 0.71 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 22.96 -1.26 0.00 | 20.81 -1.09 0.00 | 20.54 -1.10 0.00 | 20.17 -1.08 0.00 | 20.92 -1.12 0.00 | 21.26 -1.14 0.00 | 27.18 -1.37 0.00 | 28.92 -1.39 0.00 | 28.40 -1.37 0.00 | 26.46 -1.16 0.00 | 26.77 -1.06 0.00 | 27.42 -1.02 0.00 | 28.69 -1.01 0.00 | 29.99 -1.02 0.00 | 30.84 -0.99 0.00 | 31.85 -0.98 0.00 | 37.20 -1.03 0.00 | 41.83 -1.25 0.00 | 42.52 -1.36 0.00 | 38.92 -1.37 0.00 | 37.65 -1.25 0.00 | 31.06 -1.09 0.00 | 27.28 -1.05 0.00 | 24.31 -0.88 0.00 |

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| ROCHESRG_115KV_T4 355643 | 23.59 -0.63 0.00 | 21.30 -0.61 0.00 | 20.93 -0.71 0.00 | 20.60 -0.66 0.00 | 21.36 -0.68 0.00 | 21.86 -0.54 0.00 | 27.69 -0.86 0.00 | 29.28 -1.03 0.00 | 29.18 -0.60 0.00 | 27.35 -0.28 0.00 | 27.47 -0.36 0.00 | 28.33 -0.11 0.00 | 29.28 -0.42 0.00 | 30.67 -0.34 0.00 | 31.41 -0.41 0.00 | 32.01 -0.82 0.00 | 37.00 -1.22 0.00 | 41.14 -1.94 0.00 | 41.95 -1.93 0.00 | 38.64 -1.65 0.00 | 37.34 -1.56 0.00 | 30.90 -1.25 0.00 | 27.99 -0.34 0.00 | 24.64 -0.55 0.00 |
| ROCHESTER_9_IC 23652 | 23.71 -0.51 0.00 | 21.41 -0.50 0.00 | 21.02 -0.63 0.00 | 20.70 -0.55 0.00 | 21.47 -0.57 0.00 | 21.97 -0.43 0.00 | 27.83 -0.71 0.00 | 29.46 -0.85 0.00 | 29.38 -0.39 0.00 | 27.54 -0.08 0.00 | 27.64 -0.19 0.00 | 28.50 0.06 0.00 | 29.49 -0.21 0.00 | 30.89 -0.12 0.00 | 31.60 -0.22 0.00 | 32.24 -0.59 0.00 | 37.23 -0.99 0.00 | 41.40 -1.68 0.00 | 42.25 -1.62 0.00 | 38.88 -1.41 0.00 | 37.57 -1.32 0.00 | 31.09 -1.06 0.00 | 28.13 -0.20 0.00 | 24.76 -0.43 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 26.06 1.84 0.00 | 23.38 1.47 0.00 | 23.09 1.45 0.00 | 22.64 1.38 0.00 | 23.47 1.43 0.00 | 23.85 1.46 0.00 | 30.57 2.03 0.00 | 32.59 2.27 0.00 | 31.94 2.17 0.00 | 29.47 1.85 0.00 | 29.75 1.92 0.00 | 30.32 1.88 0.00 | 31.72 2.02 0.00 | 33.13 2.11 0.00 | 34.02 2.20 0.00 | 35.20 2.36 0.00 | 40.98 2.75 0.00 | 46.66 3.58 0.00 | 47.43 3.55 0.00 | 43.56 3.26 0.00 | 41.89 2.99 0.00 | 34.50 2.35 0.00 | 30.25 1.93 0.00 | 26.93 1.74 0.00 |
| ROME____115KV_TB2 80656 | 24.85 0.63 0.00 | 22.54 0.64 0.00 | 22.25 0.61 0.00 | 21.87 0.62 0.00 | 22.72 0.68 0.00 | 23.16 0.76 0.00 | 29.60 1.06 0.00 | 31.46 1.15 0.00 | 30.90 1.13 0.00 | 28.70 1.08 0.00 | 28.78 0.95 0.00 | 29.53 1.08 0.00 | 30.83 1.13 0.00 | 32.19 1.18 0.00 | 33.03 1.21 0.00 | 34.08 1.25 0.00 | 39.72 1.49 0.00 | 44.85 1.77 0.00 | 45.76 1.89 0.00 | 42.06 1.77 0.00 | 40.57 1.67 0.00 | 33.50 1.35 0.00 | 29.52 1.19 0.00 | 26.18 0.98 0.00 |
| ROSETON___1 23587 | 25.67 1.45 0.00 | 23.09 1.18 0.00 | 22.81 1.17 0.00 | 22.36 1.10 0.00 | 23.19 1.15 0.00 | 23.56 1.16 0.00 | 30.11 1.57 0.00 | 32.04 1.73 0.00 | 31.41 1.64 0.00 | 28.98 1.35 0.00 | 29.25 1.42 0.00 | 29.78 1.34 0.00 | 31.15 1.45 0.00 | 32.54 1.52 0.00 | 33.38 1.56 0.00 | 34.54 1.71 0.00 | 40.25 2.02 0.00 | 45.84 2.76 0.00 | 46.64 2.77 0.00 | 42.83 2.54 0.00 | 41.27 2.37 0.00 | 33.95 1.80 0.00 | 29.80 1.47 0.00 | 26.50 1.31 0.00 |
| ROSETON___2 23588 | 25.67 1.45 0.00 | 23.09 1.18 0.00 | 22.81 1.17 0.00 | 22.36 1.10 0.00 | 23.19 1.15 0.00 | 23.56 1.16 0.00 | 30.11 1.57 0.00 | 32.04 1.73 0.00 | 31.41 1.64 0.00 | 28.98 1.35 0.00 | 29.25 1.42 0.00 | 29.78 1.34 0.00 | 31.15 1.45 0.00 | 32.54 1.52 0.00 | 33.38 1.56 0.00 | 34.54 1.71 0.00 | 40.25 2.02 0.00 | 45.84 2.76 0.00 | 46.64 2.77 0.00 | 42.83 2.54 0.00 | 41.27 2.37 0.00 | 33.95 1.80 0.00 | 29.80 1.47 0.00 | 26.50 1.31 0.00 |
| ROTTRDAM_115KV_TB3 80664 | 25.24 1.02 0.00 | 22.81 0.90 0.00 | 22.55 0.91 0.00 | 22.13 0.87 0.00 | 22.94 0.90 0.00 | 23.29 0.90 0.00 | 29.74 1.20 0.00 | 31.56 1.24 0.00 | 30.90 1.13 0.00 | 28.54 0.91 0.00 | 28.75 0.92 0.00 | 29.33 0.88 0.00 | 30.65 0.95 0.00 | 31.98 0.96 0.00 | 32.81 0.99 0.00 | 33.95 1.12 0.00 | 39.60 1.38 0.00 | 45.02 1.94 0.00 | 45.90 2.02 0.00 | 42.15 1.85 0.00 | 40.53 1.63 0.00 | 33.47 1.32 0.00 | 29.43 1.10 0.00 | 26.20 1.01 0.00 |
| RUSSELL___1 23602 | 23.81 -0.41 0.00 | 21.47 -0.44 0.00 | 21.10 -0.54 0.00 | 20.77 -0.49 0.00 | 21.56 -0.48 0.00 | 22.06 -0.34 0.00 | 27.95 -0.60 0.00 | 29.62 -0.70 0.00 | 29.53 -0.24 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.67 0.23 0.00 | 29.67 -0.03 0.00 | 31.08 0.06 0.00 | 31.79 -0.03 0.00 | 32.41 -0.43 0.00 | 37.42 -0.80 0.00 | 41.62 -1.46 0.00 | 42.47 -1.40 0.00 | 39.12 -1.17 0.00 | 37.81 -1.09 0.00 | 31.29 -0.87 0.00 | 28.27 -0.06 0.00 | 24.89 -0.30 0.00 |
| RUSSELL___2 23532 | 23.81 -0.41 0.00 | 21.47 -0.44 0.00 | 21.10 -0.54 0.00 | 20.77 -0.49 0.00 | 21.56 -0.48 0.00 | 22.06 -0.34 0.00 | 27.95 -0.60 0.00 | 29.62 -0.70 0.00 | 29.53 -0.24 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.67 0.23 0.00 | 29.67 -0.03 0.00 | 31.08 0.06 0.00 | 31.79 -0.03 0.00 | 32.41 -0.43 0.00 | 37.42 -0.80 0.00 | 41.62 -1.46 0.00 | 42.47 -1.40 0.00 | 39.12 -1.17 0.00 | 37.81 -1.09 0.00 | 31.29 -0.87 0.00 | 28.27 -0.06 0.00 | 24.89 -0.30 0.00 |
| RUSSELL___3 23549 | 23.81 -0.41 0.00 | 21.47 -0.44 0.00 | 21.10 -0.54 0.00 | 20.77 -0.49 0.00 | 21.56 -0.48 0.00 | 22.06 -0.34 0.00 | 27.95 -0.60 0.00 | 29.62 -0.70 0.00 | 29.53 -0.24 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.67 0.23 0.00 | 29.67 -0.03 0.00 | 31.08 0.06 0.00 | 31.79 -0.03 0.00 | 32.41 -0.43 0.00 | 37.42 -0.80 0.00 | 41.62 -1.46 0.00 | 42.47 -1.40 0.00 | 39.12 -1.17 0.00 | 37.81 -1.09 0.00 | 31.29 -0.87 0.00 | 28.27 -0.06 0.00 | 24.89 -0.30 0.00 |
| RUSSELL___4 23556 | 23.81 -0.41 0.00 | 21.47 -0.44 0.00 | 21.10 -0.54 0.00 | 20.77 -0.49 0.00 | 21.56 -0.48 0.00 | 22.06 -0.34 0.00 | 27.95 -0.60 0.00 | 29.62 -0.70 0.00 | 29.53 -0.24 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.67 0.23 0.00 | 29.67 -0.03 0.00 | 31.08 0.06 0.00 | 31.79 -0.03 0.00 | 32.41 -0.43 0.00 | 37.42 -0.80 0.00 | 41.62 -1.46 0.00 | 42.47 -1.40 0.00 | 39.12 -1.17 0.00 | 37.81 -1.09 0.00 | 31.29 -0.87 0.00 | 28.27 -0.06 0.00 | 24.89 -0.30 0.00 |
| RUSSELL___STATION 23914 | 23.81 -0.41 0.00 | 21.47 -0.44 0.00 | 21.10 -0.54 0.00 | 20.77 -0.49 0.00 | 21.56 -0.48 0.00 | 22.06 -0.34 0.00 | 27.95 -0.60 0.00 | 29.62 -0.70 0.00 | 29.53 -0.24 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.67 0.23 0.00 | 29.67 -0.03 0.00 | 31.08 0.06 0.00 | 31.79 -0.03 0.00 | 32.41 -0.43 0.00 | 37.42 -0.80 0.00 | 41.62 -1.46 0.00 | 42.47 -1.40 0.00 | 39.12 -1.17 0.00 | 37.81 -1.09 0.00 | 31.29 -0.87 0.00 | 28.27 -0.06 0.00 | 24.89 -0.30 0.00 |
| S SALMON___HYD 24043 | 23.91 -0.32 0.00 | 21.65 -0.26 0.00 | 21.36 -0.28 0.00 | 21.00 -0.25 0.00 | 21.80 -0.24 0.00 | 22.24 -0.16 0.00 | 28.35 -0.20 0.00 | 30.10 -0.21 0.00 | 30.10 0.33 0.00 | 27.96 0.33 0.00 | 27.94 0.11 0.00 | 28.65 0.20 0.00 | 29.88 0.18 0.00 | 31.23 0.22 0.00 | 32.05 0.22 0.00 | 32.80 -0.03 0.00 | 38.15 -0.08 0.00 | 42.87 -0.21 0.00 | 43.79 -0.09 0.00 | 40.25 -0.04 0.00 | 38.82 -0.08 0.00 | 32.38 0.23 0.00 | 28.64 0.31 0.00 | 25.42 0.23 0.00 |
| S.PERRY__115KV_TB1 80734 | 24.46 0.24 0.00 | 22.04 0.13 0.00 | 21.64 0.00 0.00 | 21.32 0.06 0.00 | 22.13 0.09 0.00 | 22.73 0.34 0.00 | 28.80 0.26 0.00 | 30.71 0.39 0.00 | 30.48 0.71 0.00 | 28.45 0.83 0.00 | 28.33 0.50 0.00 | 29.19 0.74 0.00 | 30.05 0.36 0.00 | 31.64 0.62 0.00 | 32.49 0.67 0.00 | 33.19 0.36 0.00 | 38.57 0.34 0.00 | 43.04 -0.04 0.00 | 44.10 0.22 0.00 | 40.69 0.40 0.00 | 39.21 0.31 0.00 | 32.38 0.23 0.00 | 29.23 0.91 0.00 | 25.77 0.58 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 23.52 -0.70 0.00 | 21.21 -0.70 0.00 | 20.78 -0.87 0.00 | 20.49 -0.77 0.00 | 21.27 -0.77 0.00 | 21.81 -0.58 0.00 | 27.49 -1.06 0.00 | 28.95 -1.36 0.00 | 28.94 -0.83 0.00 | 27.29 -0.33 0.00 | 27.39 -0.45 0.00 | 28.28 -0.17 0.00 | 29.13 -0.56 0.00 | 30.61 -0.40 0.00 | 31.34 -0.48 0.00 | 31.85 -0.99 0.00 | 36.70 -1.53 0.00 | 40.41 -2.67 0.00 | 41.33 -2.54 0.00 | 38.08 -2.22 0.00 | 36.75 -2.14 0.00 | 30.48 -1.67 0.00 | 27.99 -0.34 0.00 | 24.74 -0.45 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 23.52 -0.70 0.00 | 21.21 -0.70 0.00 | 20.78 -0.87 0.00 | 20.49 -0.77 0.00 | 21.27 -0.77 0.00 | 21.81 -0.58 0.00 | 27.49 -1.06 0.00 | 28.95 -1.36 0.00 | 28.94 -0.83 0.00 | 27.29 -0.33 0.00 | 27.39 -0.45 0.00 | 28.28 -0.17 0.00 | 29.13 -0.56 0.00 | 30.61 -0.40 0.00 | 31.34 -0.48 0.00 | 31.85 -0.99 0.00 | 36.70 -1.53 0.00 | 40.41 -2.67 0.00 | 41.33 -2.54 0.00 | 38.08 -2.22 0.00 | 36.75 -2.14 0.00 | 30.48 -1.67 0.00 | 27.99 -0.34 0.00 | 24.74 -0.45 0.00 |
| SELKIRK___I 23801 | 25.04 0.82 0.00 | 22.65 0.75 0.00 | 22.40 0.76 0.00 | 21.98 0.72 0.00 | 22.79 0.75 0.00 | 23.11 0.72 0.00 | 29.52 0.97 0.00 | 31.25 0.94 0.00 | 30.54 0.77 0.00 | 28.18 0.55 0.00 | 28.36 0.53 0.00 | 28.87 0.43 0.00 | 30.17 0.47 0.00 | 31.48 0.47 0.00 | 32.33 0.51 0.00 | 33.46 0.62 0.00 | 39.07 0.84 0.00 | 44.55 1.47 0.00 | 45.41 1.53 0.00 | 41.70 1.41 0.00 | 40.14 1.24 0.00 | 33.15 1.00 0.00 | 29.15 0.82 0.00 | 25.92 0.73 0.00 |
| SELKIRK___II 23799 | 24.97 0.75 0.00 | 22.57 0.66 0.00 | 22.32 0.67 0.00 | 21.89 0.64 0.00 | 22.70 0.66 0.00 | 23.05 0.65 0.00 | 29.43 0.89 0.00 | 31.19 0.88 0.00 | 30.48 0.71 0.00 | 28.15 0.52 0.00 | 28.39 0.56 0.00 | 28.90 0.45 0.00 | 30.20 0.50 0.00 | 31.51 0.49 0.00 | 32.33 0.51 0.00 | 33.49 0.66 0.00 | 39.03 0.80 0.00 | 44.46 1.38 0.00 | 45.32 1.45 0.00 | 41.62 1.33 0.00 | 40.06 1.17 0.00 | 33.05 0.90 0.00 | 29.04 0.71 0.00 | 25.82 0.63 0.00 |
| SENECA OSWGO___HYD 24041 | 23.81 -0.41 0.00 | 21.54 -0.37 0.00 | 21.28 -0.37 0.00 | 20.90 -0.36 0.00 | 21.67 -0.37 0.00 | 22.08 -0.31 0.00 | 28.06 -0.49 0.00 | 29.80 -0.52 0.00 | 30.13 0.36 0.00 | 27.98 0.36 0.00 | 28.03 0.20 0.00 | 28.73 0.28 0.00 | 30.00 0.30 0.00 | 31.39 0.37 0.00 | 32.17 0.35 0.00 | 32.90 0.07 0.00 | 38.23 0.00 0.00 | 42.95 -0.13 0.00 | 43.79 -0.09 0.00 | 40.25 -0.04 0.00 | 38.74 -0.15 0.00 | 32.32 0.16 0.00 | 28.55 0.23 0.00 | 25.39 0.20 0.00 |
| SENECA___115KV_TB3 355854 | 23.88 -0.34 0.00 | 21.52 -0.39 0.00 | 21.10 -0.54 0.00 | 20.79 -0.47 0.00 | 21.58 -0.46 0.00 | 22.15 -0.25 0.00 | 27.95 -0.60 0.00 | 29.43 -0.88 0.00 | 29.41 -0.36 0.00 | 27.73 0.11 0.00 | 27.83 0.00 0.00 | 28.73 0.28 0.00 | 29.61 -0.09 0.00 | 31.17 0.16 0.00 | 31.95 0.13 0.00 | 32.44 -0.39 0.00 | 37.42 -0.80 0.00 | 41.19 -1.90 0.00 | 42.17 -1.71 0.00 | 38.84 -1.45 0.00 | 37.38 -1.52 0.00 | 31.03 -1.13 0.00 | 28.41 0.08 0.00 | 25.14 -0.05 0.00 |
| SENECA___ENERGY 23797 | 23.93 -0.29 0.00 | 21.60 -0.31 0.00 | 21.30 -0.35 0.00 | 20.94 -0.32 0.00 | 21.75 -0.29 0.00 | 22.24 -0.16 0.00 | 28.23 -0.31 0.00 | 30.01 -0.30 0.00 | 29.86 0.09 0.00 | 27.68 0.06 0.00 | 27.75 -0.08 0.00 | 28.50 0.06 0.00 | 29.67 -0.03 0.00 | 31.05 0.03 0.00 | 31.82 0.00 0.00 | 32.67 -0.16 0.00 | 37.85 -0.38 0.00 | 42.39 -0.69 0.00 | 43.22 -0.66 0.00 | 39.73 -0.56 0.00 | 38.08 -0.82 0.00 | 31.70 -0.45 0.00 | 28.21 -0.11 0.00 | 25.12 -0.08 0.00 |
| SHOEMAKER___GT 23640 | 25.48 1.26 0.00 | 22.94 1.03 0.00 | 22.66 1.02 0.00 | 22.21 0.96 0.00 | 23.03 0.99 0.00 | 23.43 1.03 0.00 | 29.92 1.37 0.00 | 31.80 1.48 0.00 | 31.20 1.43 0.00 | 28.78 1.16 0.00 | 29.03 1.20 0.00 | 29.59 1.14 0.00 | 30.97 1.28 0.00 | 32.32 1.30 0.00 | 33.19 1.37 0.00 | 34.34 1.51 0.00 | 40.02 1.80 0.00 | 45.49 2.41 0.00 | 46.33 2.46 0.00 | 42.55 2.25 0.00 | 40.95 2.06 0.00 | 33.73 1.58 0.00 | 29.60 1.28 0.00 | 26.35 1.16 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 25.48 1.26 0.00 | 22.94 1.03 0.00 | 22.66 1.02 0.00 | 22.23 0.98 0.00 | 23.05 1.01 0.00 | 23.43 1.03 0.00 | 29.92 1.37 0.00 | 31.80 1.49 0.00 | 31.20 1.43 0.00 | 28.78 1.16 0.00 | 29.03 1.20 0.00 | 29.61 1.17 0.00 | 30.98 1.28 0.00 | 32.35 1.33 0.00 | 33.19 1.37 0.00 | 34.38 1.54 0.00 | 40.02 1.80 0.00 | 45.54 2.46 0.00 | 46.33 2.46 0.00 | 42.55 2.26 0.00 | 40.92 2.02 0.00 | 33.73 1.58 0.00 | 29.63 1.30 0.00 | 26.40 1.21 0.00 |
| SHOREHAM_IC_1 23715 | 29.00 1.26 -3.53 | 25.50 1.01 -2.58 | 25.27 1.02 -2.61 | 24.92 1.00 -2.66 | 24.70 1.04 -1.62 | 26.47 0.85 -3.22 | 29.93 1.29 -0.10 | 33.30 1.55 -1.45 | 32.66 1.40 -1.49 | 27.70 1.05 0.97 | 30.90 1.03 -2.04 | 31.89 0.97 -2.48 | 28.24 1.07 2.53 | 31.87 1.15 0.30 | 32.39 1.24 0.68 | 30.45 1.41 3.80 | 39.91 1.68 0.00 | 48.05 3.19 -1.78 | 46.99 3.12 0.00 | 43.15 2.86 0.00 | 42.12 3.23 0.00 | 35.59 1.74 -1.70 | 31.41 1.42 -1.67 | 29.84 1.06 -3.59 |
| SHOREHAM_IC_2 23716 | 29.00 1.26 -3.53 | 25.50 1.01 -2.58 | 25.27 1.02 -2.61 | 24.92 1.00 -2.66 | 24.70 1.04 -1.62 | 26.47 0.85 -3.22 | 29.93 1.29 -0.10 | 33.30 1.55 -1.45 | 32.66 1.40 -1.49 | 27.70 1.05 0.97 | 30.90 1.03 -2.04 | 31.89 0.97 -2.48 | 28.24 1.07 2.53 | 31.87 1.15 0.30 | 32.39 1.24 0.68 | 30.45 1.41 3.80 | 39.91 1.68 0.00 | 48.05 3.19 -1.78 | 46.99 3.12 0.00 | 43.15 2.86 0.00 | 42.12 3.23 0.00 | 35.59 1.74 -1.70 | 31.41 1.42 -1.67 | 29.84 1.06 -3.59 |
| SISSONVILLE____ 23735 | 23.52 -0.70 0.00 | 21.45 -0.46 0.00 | 21.12 -0.52 0.00 | 20.83 -0.43 0.00 | 21.60 -0.44 0.00 | 21.99 -0.40 0.00 | 28.23 -0.31 0.00 | 30.04 -0.27 0.00 | 29.35 -0.42 0.00 | 27.29 -0.33 0.00 | 27.55 -0.28 0.00 | 28.19 -0.26 0.00 | 29.25 -0.45 0.00 | 30.36 -0.65 0.00 | 31.19 -0.64 0.00 | 31.98 -0.85 0.00 | 37.23 -0.99 0.00 | 41.75 -1.34 0.00 | 42.52 -1.36 0.00 | 39.00 -1.29 0.00 | 38.04 -0.86 0.00 | 31.61 -0.55 0.00 | 27.70 -0.62 0.00 | 24.89 -0.30 0.00 |
| SITHE_IND_GS1 24169 | 23.49 -0.73 0.00 | 21.27 -0.64 0.00 | 21.02 -0.63 0.00 | 20.64 -0.62 0.00 | 21.40 -0.64 0.00 | 21.77 -0.63 0.00 | 27.69 -0.86 0.00 | 29.34 -0.97 0.00 | 28.85 -0.92 0.00 | 26.85 -0.77 0.00 | 27.05 -0.78 0.00 | 27.68 -0.77 0.00 | 28.87 -0.83 0.00 | 30.18 -0.84 0.00 | 30.93 -0.89 0.00 | 31.88 -0.95 0.00 | 37.04 -1.19 0.00 | 41.70 -1.38 0.00 | 42.52 -1.36 0.00 | 39.04 -1.25 0.00 | 37.57 -1.32 0.00 | 31.12 -1.03 0.00 | 27.51 -0.82 0.00 | 24.41 -0.78 0.00 |
| SITHE_IND_GS2 24170 | 23.49 -0.73 0.00 | 21.27 -0.64 0.00 | 21.02 -0.63 0.00 | 20.64 -0.62 0.00 | 21.40 -0.64 0.00 | 21.77 -0.63 0.00 | 27.69 -0.86 0.00 | 29.34 -0.97 0.00 | 28.85 -0.92 0.00 | 26.85 -0.77 0.00 | 27.05 -0.78 0.00 | 27.68 -0.77 0.00 | 28.87 -0.83 0.00 | 30.18 -0.84 0.00 | 30.93 -0.89 0.00 | 31.88 -0.95 0.00 | 37.04 -1.19 0.00 | 41.70 -1.38 0.00 | 42.52 -1.36 0.00 | 39.04 -1.25 0.00 | 37.57 -1.32 0.00 | 31.12 -1.03 0.00 | 27.51 -0.82 0.00 | 24.41 -0.78 0.00 |
| SITHE_IND_GS3 24171 | 23.49 -0.73 0.00 | 21.27 -0.64 0.00 | 21.02 -0.63 0.00 | 20.64 -0.62 0.00 | 21.40 -0.64 0.00 | 21.77 -0.63 0.00 | 27.69 -0.86 0.00 | 29.34 -0.97 0.00 | 28.85 -0.92 0.00 | 26.85 -0.77 0.00 | 27.05 -0.78 0.00 | 27.68 -0.77 0.00 | 28.87 -0.83 0.00 | 30.18 -0.84 0.00 | 30.93 -0.89 0.00 | 31.88 -0.95 0.00 | 37.04 -1.19 0.00 | 41.70 -1.38 0.00 | 42.52 -1.36 0.00 | 39.04 -1.25 0.00 | 37.57 -1.32 0.00 | 31.12 -1.03 0.00 | 27.51 -0.82 0.00 | 24.41 -0.78 0.00 |
| SITHE_IND_GS4 24172 | 23.49 -0.73 0.00 | 21.27 -0.64 0.00 | 21.02 -0.63 0.00 | 20.64 -0.62 0.00 | 21.40 -0.64 0.00 | 21.77 -0.63 0.00 | 27.69 -0.86 0.00 | 29.34 -0.97 0.00 | 28.85 -0.92 0.00 | 26.85 -0.77 0.00 | 27.05 -0.78 0.00 | 27.68 -0.77 0.00 | 28.87 -0.83 0.00 | 30.18 -0.84 0.00 | 30.93 -0.89 0.00 | 31.88 -0.95 0.00 | 37.04 -1.19 0.00 | 41.70 -1.38 0.00 | 42.52 -1.36 0.00 | 39.04 -1.25 0.00 | 37.57 -1.32 0.00 | 31.12 -1.03 0.00 | 27.51 -0.82 0.00 | 24.41 -0.78 0.00 |

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| SITHE____BATAVIA 24024 | 23.95 -0.27 0.00 | 21.58 -0.33 0.00 | 21.15 -0.50 0.00 | 20.85 -0.40 0.00 | 21.64 -0.40 0.00 | 22.24 -0.16 0.00 | 28.12 -0.43 0.00 | 29.80 -0.52 0.00 | 29.77 0.00 0.00 | 27.98 0.36 0.00 | 28.03 0.20 0.00 | 28.96 0.51 0.00 | 29.85 0.15 0.00 | 31.33 0.31 0.00 | 32.08 0.25 0.00 | 32.57 -0.26 0.00 | 37.54 -0.69 0.00 | 41.57 -1.51 0.00 | 42.52 -1.36 0.00 | 39.12 -1.17 0.00 | 37.22 -1.67 0.00 | 31.32 -0.84 0.00 | 28.61 0.28 0.00 | 25.62 0.43 0.00 |
| SITHE____INDEPEND 23800 | 23.49 -0.73 0.00 | 21.27 -0.64 0.00 | 21.02 -0.63 0.00 | 20.64 -0.62 0.00 | 21.40 -0.64 0.00 | 21.77 -0.63 0.00 | 27.69 -0.86 0.00 | 29.34 -0.97 0.00 | 28.85 -0.92 0.00 | 26.85 -0.77 0.00 | 27.05 -0.78 0.00 | 27.68 -0.77 0.00 | 28.87 -0.83 0.00 | 30.18 -0.84 0.00 | 30.93 -0.89 0.00 | 31.88 -0.95 0.00 | 37.04 -1.19 0.00 | 41.70 -1.38 0.00 | 42.52 -1.36 0.00 | 39.04 -1.25 0.00 | 37.65 -1.24 0.00 | 31.13 -1.03 0.00 | 27.51 -0.82 0.00 | 24.39 -0.81 0.00 |
| SITHE____MASSENA 23902 | 23.64 -0.58 0.00 | 21.54 -0.37 0.00 | 21.23 -0.41 0.00 | 20.90 -0.36 0.00 | 21.67 -0.37 0.00 | 22.02 -0.38 0.00 | 28.17 -0.37 0.00 | 29.98 -0.33 0.00 | 29.32 -0.45 0.00 | 27.26 -0.36 0.00 | 27.53 -0.31 0.00 | 28.16 -0.28 0.00 | 29.34 -0.36 0.00 | 30.61 -0.40 0.00 | 31.41 -0.41 0.00 | 32.31 -0.53 0.00 | 37.69 -0.54 0.00 | 42.22 -0.86 0.00 | 42.95 -0.92 0.00 | 39.44 -0.85 0.00 | 38.35 -0.54 0.00 | 31.74 -0.42 0.00 | 27.90 -0.42 0.00 | 24.94 -0.25 0.00 |
| SITHE____OGDNSBRG 24021 | 23.78 -0.44 0.00 | 21.69 -0.22 0.00 | 21.36 -0.28 0.00 | 21.07 -0.19 0.00 | 21.86 -0.18 0.00 | 22.24 -0.16 0.00 | 28.57 0.03 0.00 | 30.37 0.06 0.00 | 29.65 -0.12 0.00 | 27.51 -0.11 0.00 | 27.75 -0.08 0.00 | 28.42 -0.03 0.00 | 29.55 -0.15 0.00 | 30.74 -0.28 0.00 | 31.57 -0.25 0.00 | 32.44 -0.39 0.00 | 37.85 -0.38 0.00 | 42.44 -0.65 0.00 | 43.31 -0.57 0.00 | 39.77 -0.52 0.00 | 38.70 -0.19 0.00 | 32.09 -0.06 0.00 | 28.13 -0.20 0.00 | 25.19 0.00 0.00 |
| SITHE____STERLING 23777 | 24.75 0.53 0.00 | 22.43 0.52 0.00 | 22.14 0.50 0.00 | 21.75 0.49 0.00 | 22.59 0.55 0.00 | 23.02 0.63 0.00 | 29.37 0.83 0.00 | 31.22 0.91 0.00 | 30.66 0.89 0.00 | 28.48 0.86 0.00 | 28.58 0.75 0.00 | 29.30 0.85 0.00 | 30.59 0.89 0.00 | 31.95 0.93 0.00 | 32.78 0.95 0.00 | 33.82 0.98 0.00 | 39.37 1.15 0.00 | 44.42 1.34 0.00 | 45.32 1.45 0.00 | 41.62 1.33 0.00 | 40.10 1.21 0.00 | 33.15 1.00 0.00 | 29.23 0.91 0.00 | 25.95 0.76 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 23.66 -0.56 0.00 | 21.36 -0.55 0.00 | 21.04 -0.61 0.00 | 20.70 -0.55 0.00 | 21.47 -0.57 0.00 | 21.97 -0.43 0.00 | 27.86 -0.69 0.00 | 29.55 -0.76 0.00 | 29.44 -0.33 0.00 | 27.51 -0.11 0.00 | 27.55 -0.28 0.00 | 28.42 -0.03 0.00 | 29.49 -0.21 0.00 | 30.89 -0.12 0.00 | 31.60 -0.22 0.00 | 32.28 -0.56 0.00 | 37.35 -0.88 0.00 | 41.66 -1.42 0.00 | 42.47 -1.40 0.00 | 39.08 -1.21 0.00 | 37.69 -1.21 0.00 | 31.19 -0.96 0.00 | 27.99 -0.34 0.00 | 24.71 -0.48 0.00 |
| SOUTH CAIRO____GT 23612 | 25.46 1.24 0.00 | 23.03 1.12 0.00 | 22.75 1.10 0.00 | 22.34 1.08 0.00 | 23.16 1.12 0.00 | 23.54 1.14 0.00 | 30.14 1.60 0.00 | 31.80 1.49 0.00 | 31.08 1.31 0.00 | 28.45 0.83 0.00 | 28.61 0.78 0.00 | 29.07 0.63 0.00 | 30.50 0.80 0.00 | 31.76 0.74 0.00 | 32.62 0.80 0.00 | 33.95 1.12 0.00 | 39.72 1.49 0.00 | 45.50 2.41 0.00 | 46.60 2.72 0.00 | 42.79 2.50 0.00 | 40.96 2.06 0.00 | 33.73 1.58 0.00 | 29.60 1.27 0.00 | 26.38 1.18 0.00 |
| SOUTH HAMPTN____IC 23720 | 29.03 1.28 -3.53 | 25.50 1.01 -2.58 | 25.29 1.04 -2.61 | 24.94 1.02 -2.66 | 24.72 1.06 -1.62 | 24.24 0.90 -0.94 | 28.08 1.37 1.83 | 33.39 1.64 -1.45 | 32.78 1.52 -1.49 | 24.47 1.13 4.29 | 31.07 1.20 -2.04 | 31.97 1.14 -2.39 | 24.97 1.25 5.98 | 31.28 1.33 1.07 | 31.26 1.40 1.96 | 26.30 1.58 8.10 | 40.14 1.91 0.00 | 48.31 3.45 -1.78 | 47.30 3.42 0.00 | 43.39 3.10 0.00 | 42.28 3.38 0.00 | 35.78 1.93 -1.70 | 31.49 1.50 -1.67 | 29.95 1.16 -3.59 |
| SOUTHDOW_115KV_TB1 355954 | 24.41 0.19 0.00 | 21.95 0.04 0.00 | 21.56 -0.09 0.00 | 21.30 0.04 0.00 | 22.17 0.13 0.00 | 22.82 0.43 0.00 | 28.97 0.43 0.00 | 30.65 0.33 0.00 | 30.43 0.65 0.00 | 28.70 1.08 0.00 | 28.81 0.97 0.00 | 29.76 1.31 0.00 | 30.74 1.04 0.00 | 32.44 1.43 0.00 | 33.41 1.59 0.00 | 33.85 1.02 0.00 | 39.07 0.84 0.00 | 42.91 -0.17 0.00 | 44.01 0.13 0.00 | 40.49 0.20 0.00 | 38.74 -0.16 0.00 | 32.12 -0.03 0.00 | 29.23 0.91 0.00 | 25.82 0.63 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 28.81 1.07 -3.53 | 25.30 0.81 -2.58 | 25.07 0.82 -2.61 | 24.74 0.83 -2.66 | 24.52 0.86 -1.62 | 23.96 0.72 -0.84 | 27.77 1.14 1.92 | 33.21 1.45 -1.45 | 32.57 1.31 -1.49 | 24.13 0.94 4.43 | 30.93 1.06 -2.04 | 31.85 1.02 -2.38 | 24.67 1.10 6.13 | 31.09 1.18 1.10 | 31.08 1.27 2.02 | 25.98 1.44 8.30 | 40.02 1.80 0.00 | 48.27 3.40 -1.78 | 47.26 3.38 0.00 | 43.35 3.06 0.00 | 41.54 2.64 0.00 | 35.72 1.86 -1.70 | 31.38 1.39 -1.67 | 29.92 1.13 -3.59 |
| SOUTHOLD____IC 23719 | 28.81 1.06 -3.53 | 25.30 0.81 -2.58 | 25.09 0.84 -2.61 | 24.74 0.83 -2.66 | 24.52 0.86 -1.62 | 23.96 0.72 -0.84 | 27.77 1.14 1.92 | 33.21 1.45 -1.45 | 32.57 1.31 -1.49 | 24.13 0.94 4.43 | 30.93 1.06 -2.04 | 31.85 1.02 -2.38 | 24.67 1.10 6.13 | 31.09 1.18 1.10 | 31.08 1.27 2.02 | 25.98 1.44 8.30 | 40.02 1.80 0.00 | 48.27 3.40 -1.78 | 47.26 3.38 0.00 | 43.35 3.06 0.00 | 42.20 3.30 0.00 | 35.72 1.86 -1.70 | 31.38 1.39 -1.67 | 29.87 1.08 -3.59 |
| SOUTH_FORK_WT_PWR 323839 | 28.42 0.68 -3.53 | 24.93 0.44 -2.58 | 24.75 0.50 -2.61 | 24.40 0.49 -2.66 | 24.17 0.51 -1.62 | 23.65 0.36 -0.90 | 27.36 0.68 1.87 | 32.73 0.97 -1.45 | 32.13 0.86 -1.49 | 23.77 0.50 4.35 | 30.51 0.64 -2.04 | 31.43 0.60 -2.38 | 24.30 0.65 6.05 | 30.65 0.71 1.08 | 30.63 0.80 1.99 | 25.59 0.95 8.19 | 39.45 1.22 0.00 | 47.62 2.76 -1.78 | 46.64 2.77 0.00 | 42.79 2.50 0.00 | 41.66 2.76 0.00 | 35.30 1.45 -1.70 | 31.01 1.02 -1.67 | 29.54 0.76 -3.59 |
| SPIERFLS_115KV_TB 1 80737 | 25.94 1.72 0.00 | 23.47 1.56 0.00 | 23.12 1.47 0.00 | 22.68 1.42 0.00 | 23.54 1.50 0.00 | 23.96 1.57 0.00 | 30.69 2.14 0.00 | 32.56 2.24 0.00 | 31.88 2.11 0.00 | 29.42 1.80 0.00 | 29.64 1.81 0.00 | 30.21 1.76 0.00 | 31.57 1.87 0.00 | 32.88 1.86 0.00 | 33.70 1.88 0.00 | 34.90 2.07 0.00 | 40.71 2.48 0.00 | 46.53 3.45 0.00 | 47.47 3.60 0.00 | 43.60 3.30 0.00 | 41.81 2.92 0.00 | 34.50 2.35 0.00 | 30.28 1.95 0.00 | 26.93 1.74 0.00 |
| ST LAWRENCE____ 23600 | 23.49 -0.73 0.00 | 21.34 -0.57 0.00 | 21.06 -0.58 0.00 | 20.70 -0.55 0.00 | 21.47 -0.57 0.00 | 21.81 -0.58 0.00 | 27.86 -0.69 0.00 | 29.62 -0.70 0.00 | 29.06 -0.71 0.00 | 26.99 -0.63 0.00 | 27.25 -0.59 0.00 | 27.85 -0.60 0.00 | 29.07 -0.63 0.00 | 30.36 -0.65 0.00 | 31.15 -0.67 0.00 | 32.11 -0.72 0.00 | 37.46 -0.76 0.00 | 41.92 -1.16 0.00 | 42.65 -1.23 0.00 | 39.16 -1.13 0.00 | 38.00 -0.89 0.00 | 31.42 -0.74 0.00 | 27.65 -0.68 0.00 | 24.66 -0.53 0.00 |
| STATE_CA_115KV_115_LB 55624 | 25.02 0.80 0.00 | 22.59 0.68 0.00 | 22.34 0.69 0.00 | 21.92 0.66 0.00 | 22.72 0.68 0.00 | 23.07 0.67 0.00 | 29.49 0.94 0.00 | 31.25 0.94 0.00 | 30.57 0.80 0.00 | 28.23 0.61 0.00 | 28.47 0.64 0.00 | 28.99 0.54 0.00 | 30.32 0.62 0.00 | 31.64 0.62 0.00 | 32.43 0.60 0.00 | 33.56 0.72 0.00 | 39.14 0.92 0.00 | 44.59 1.51 0.00 | 45.46 1.58 0.00 | 41.70 1.41 0.00 | 40.10 1.21 0.00 | 33.12 0.96 0.00 | 29.06 0.74 0.00 | 25.90 0.71 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| STATE_ST_34_KV_LOAD 55959 | 24.08 -0.15 0.00 | 21.73 -0.18 0.00 | 21.47 -0.17 0.00 | 21.09 -0.17 0.00 | 21.89 -0.15 0.00 | 22.33 -0.07 0.00 | 28.37 -0.17 0.00 | 30.13 -0.18 0.00 | 30.01 0.24 0.00 | 27.73 0.11 0.00 | 27.83 0.00 0.00 | 28.56 0.11 0.00 | 29.79 0.09 0.00 | 31.20 0.19 0.00 | 31.95 0.13 0.00 | 32.83 0.00 0.00 | 38.11 -0.11 0.00 | 42.78 -0.30 0.00 | 43.61 -0.26 0.00 | 40.09 -0.20 0.00 | 38.58 -0.31 0.00 | 31.93 -0.23 0.00 | 28.30 -0.03 0.00 | 25.09 -0.10 0.00 |
| STATION 5_MISC_HYD 23604 | 23.71 -0.51 0.00 | 21.41 -0.50 0.00 | 21.02 -0.63 0.00 | 20.70 -0.55 0.00 | 21.47 -0.57 0.00 | 21.97 -0.43 0.00 | 27.83 -0.71 0.00 | 29.46 -0.85 0.00 | 29.38 -0.39 0.00 | 27.54 -0.08 0.00 | 27.64 -0.19 0.00 | 28.50 0.06 0.00 | 29.49 -0.21 0.00 | 30.89 -0.12 0.00 | 31.60 -0.22 0.00 | 32.24 -0.59 0.00 | 37.23 -0.99 0.00 | 41.40 -1.68 0.00 | 42.25 -1.62 0.00 | 38.88 -1.41 0.00 | 37.11 -1.79 0.00 | 31.09 -1.06 0.00 | 28.13 -0.20 0.00 | 25.09 -0.10 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 23.98 -0.24 0.00 | 21.65 -0.26 0.00 | 21.28 -0.37 0.00 | 20.96 -0.30 0.00 | 21.75 -0.29 0.00 | 22.26 -0.13 0.00 | 28.26 -0.29 0.00 | 29.98 -0.33 0.00 | 29.86 0.09 0.00 | 27.90 0.28 0.00 | 27.94 0.11 0.00 | 28.82 0.37 0.00 | 29.88 0.18 0.00 | 31.30 0.28 0.00 | 32.04 0.22 0.00 | 32.73 -0.10 0.00 | 37.85 -0.38 0.00 | 42.22 -0.86 0.00 | 43.09 -0.79 0.00 | 39.61 -0.68 0.00 | 38.23 -0.66 0.00 | 31.64 -0.51 0.00 | 28.38 0.06 0.00 | 25.04 -0.15 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 23.62 -0.61 0.00 | 21.30 -0.61 0.00 | 20.93 -0.71 0.00 | 20.62 -0.64 0.00 | 21.38 -0.66 0.00 | 21.88 -0.52 0.00 | 27.72 -0.83 0.00 | 29.37 -0.94 0.00 | 29.26 -0.51 0.00 | 27.43 -0.19 0.00 | 27.53 -0.31 0.00 | 28.39 -0.06 0.00 | 29.40 -0.30 0.00 | 30.77 -0.25 0.00 | 31.50 -0.32 0.00 | 32.11 -0.72 0.00 | 37.12 -1.11 0.00 | 41.27 -1.81 0.00 | 42.12 -1.76 0.00 | 38.76 -1.53 0.00 | 37.46 -1.44 0.00 | 31.00 -1.16 0.00 | 27.99 -0.34 0.00 | 24.64 -0.55 0.00 |
| STA_56___34_KV_BUS2 355983 | 23.62 -0.61 0.00 | 21.30 -0.61 0.00 | 20.93 -0.71 0.00 | 20.62 -0.64 0.00 | 21.38 -0.66 0.00 | 21.88 -0.52 0.00 | 27.72 -0.83 0.00 | 29.37 -0.94 0.00 | 29.26 -0.51 0.00 | 27.43 -0.19 0.00 | 27.53 -0.31 0.00 | 28.39 -0.06 0.00 | 29.40 -0.30 0.00 | 30.77 -0.25 0.00 | 31.50 -0.32 0.00 | 32.11 -0.72 0.00 | 37.12 -1.11 0.00 | 41.27 -1.81 0.00 | 42.12 -1.76 0.00 | 38.76 -1.53 0.00 | 37.46 -1.44 0.00 | 31.00 -1.16 0.00 | 27.99 -0.34 0.00 | 24.64 -0.55 0.00 |
| STA_67___115KV_BK2 355882 | 23.66 -0.56 0.00 | 21.36 -0.55 0.00 | 20.97 -0.67 0.00 | 20.66 -0.60 0.00 | 21.42 -0.62 0.00 | 21.93 -0.47 0.00 | 27.77 -0.77 0.00 | 29.40 -0.91 0.00 | 29.29 -0.48 0.00 | 27.46 -0.17 0.00 | 27.55 -0.28 0.00 | 28.45 0.00 0.00 | 29.43 -0.27 0.00 | 30.83 -0.19 0.00 | 31.54 -0.29 0.00 | 32.14 -0.69 0.00 | 37.16 -1.07 0.00 | 41.32 -1.77 0.00 | 42.12 -1.76 0.00 | 38.80 -1.49 0.00 | 37.49 -1.40 0.00 | 31.03 -1.13 0.00 | 28.07 -0.25 0.00 | 24.71 -0.48 0.00 |
| STA_7___115KV_9TRANS 80674 | 23.81 -0.41 0.00 | 21.47 -0.44 0.00 | 21.10 -0.54 0.00 | 20.77 -0.49 0.00 | 21.56 -0.48 0.00 | 22.06 -0.34 0.00 | 27.95 -0.60 0.00 | 29.62 -0.70 0.00 | 29.53 -0.24 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.67 0.23 0.00 | 29.67 -0.03 0.00 | 31.08 0.06 0.00 | 31.79 -0.03 0.00 | 32.41 -0.43 0.00 | 37.42 -0.80 0.00 | 41.62 -1.46 0.00 | 42.47 -1.40 0.00 | 39.12 -1.17 0.00 | 37.81 -1.09 0.00 | 31.29 -0.87 0.00 | 28.27 -0.06 0.00 | 24.89 -0.30 0.00 |
| STA_82___115KV_TB1 80780 | 23.69 -0.53 0.00 | 21.36 -0.55 0.00 | 20.99 -0.65 0.00 | 20.66 -0.60 0.00 | 21.44 -0.60 0.00 | 21.95 -0.45 0.00 | 27.77 -0.77 0.00 | 29.43 -0.88 0.00 | 29.32 -0.45 0.00 | 27.49 -0.14 0.00 | 27.58 -0.25 0.00 | 28.45 0.00 0.00 | 29.43 -0.27 0.00 | 30.83 -0.19 0.00 | 31.54 -0.29 0.00 | 32.18 -0.66 0.00 | 37.16 -1.07 0.00 | 41.32 -1.77 0.00 | 42.17 -1.71 0.00 | 38.80 -1.49 0.00 | 37.49 -1.40 0.00 | 31.06 -1.09 0.00 | 28.10 -0.23 0.00 | 24.74 -0.45 0.00 |
| STEEL___WIND 323596 | 23.86 -0.36 0.00 | 21.49 -0.42 0.00 | 21.08 -0.56 0.00 | 20.79 -0.47 0.00 | 21.58 -0.46 0.00 | 22.13 -0.27 0.00 | 27.94 -0.60 0.00 | 29.43 -0.88 0.00 | 29.38 -0.39 0.00 | 27.71 0.08 0.00 | 27.80 -0.03 0.00 | 28.70 0.26 0.00 | 29.58 -0.12 0.00 | 31.11 0.09 0.00 | 31.92 0.10 0.00 | 32.41 -0.43 0.00 | 37.35 -0.88 0.00 | 41.15 -1.94 0.00 | 42.12 -1.76 0.00 | 38.76 -1.53 0.00 | 36.75 -2.14 0.00 | 31.00 -1.16 0.00 | 28.38 0.06 0.00 | 25.55 0.35 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 25.14 0.92 0.00 | 22.70 0.79 0.00 | 22.44 0.80 0.00 | 22.00 0.74 0.00 | 22.83 0.79 0.00 | 23.20 0.81 0.00 | 29.69 1.14 0.00 | 31.46 1.15 0.00 | 30.75 0.98 0.00 | 28.40 0.77 0.00 | 28.64 0.81 0.00 | 29.19 0.74 0.00 | 30.50 0.80 0.00 | 31.79 0.78 0.00 | 32.62 0.80 0.00 | 33.79 0.95 0.00 | 39.41 1.19 0.00 | 44.98 1.90 0.00 | 45.85 1.97 0.00 | 42.06 1.77 0.00 | 40.41 1.52 0.00 | 33.38 1.22 0.00 | 29.29 0.96 0.00 | 26.10 0.91 0.00 |
| STEUBEN_REC_LFGE 323667 | 24.66 0.44 0.00 | 22.11 0.20 0.00 | 21.95 0.30 0.00 | 21.66 0.40 0.00 | 22.50 0.46 0.00 | 23.16 0.76 0.00 | 29.29 0.74 0.00 | 31.16 0.85 0.00 | 30.93 1.16 0.00 | 29.12 1.49 0.00 | 29.00 1.17 0.00 | 29.93 1.48 0.00 | 31.03 1.34 0.00 | 32.66 1.64 0.00 | 33.67 1.85 0.00 | 34.41 1.58 0.00 | 39.87 1.64 0.00 | 44.16 1.08 0.00 | 45.24 1.36 0.00 | 41.58 1.29 0.00 | 39.75 0.86 0.00 | 32.96 0.80 0.00 | 29.60 1.27 0.00 | 26.25 1.06 0.00 |
| STILLWATER___SOLAR 323814 | 25.72 1.50 0.00 | 23.27 1.36 0.00 | 22.94 1.30 0.00 | 22.51 1.25 0.00 | 23.36 1.32 0.00 | 23.76 1.37 0.00 | 30.34 1.80 0.00 | 32.19 1.88 0.00 | 31.50 1.73 0.00 | 29.06 1.44 0.00 | 29.31 1.47 0.00 | 29.87 1.42 0.00 | 31.18 1.48 0.00 | 32.50 1.49 0.00 | 33.35 1.53 0.00 | 34.51 1.67 0.00 | 40.29 2.06 0.00 | 45.97 2.89 0.00 | 46.90 3.03 0.00 | 43.03 2.74 0.00 | 41.35 2.45 0.00 | 34.12 1.96 0.00 | 30.00 1.67 0.00 | 26.65 1.46 0.00 |
| STONY___BROOK 24151 | 29.78 2.03 -3.53 | 26.15 1.66 -2.58 | 25.92 1.67 -2.61 | 25.51 1.60 -2.66 | 25.32 1.65 -1.62 | 29.60 1.66 -5.54 | 32.90 2.28 -2.07 | 34.33 2.58 -1.45 | 33.71 2.44 -1.49 | 32.09 2.04 -2.42 | 31.93 2.06 -2.04 | 33.04 2.02 -2.57 | 32.86 2.17 -1.00 | 33.80 2.30 -0.49 | 34.84 2.39 -0.64 | 36.00 2.56 -0.61 | 41.17 2.94 0.00 | 49.26 4.40 -1.78 | 48.22 4.34 0.00 | 44.28 3.99 0.00 | 42.78 3.89 0.00 | 36.56 2.70 -1.70 | 32.20 2.21 -1.67 | 30.70 1.91 -3.59 |
| STURGEON_POOL_HYD 23609 | 25.70 1.48 0.00 | 23.11 1.21 0.00 | 22.86 1.21 0.00 | 22.40 1.15 0.00 | 23.23 1.19 0.00 | 23.58 1.19 0.00 | 30.11 1.57 0.00 | 32.01 1.70 0.00 | 31.44 1.67 0.00 | 28.98 1.35 0.00 | 29.25 1.42 0.00 | 29.81 1.37 0.00 | 31.24 1.54 0.00 | 32.60 1.58 0.00 | 33.44 1.62 0.00 | 34.67 1.84 0.00 | 40.33 2.10 0.00 | 45.93 2.84 0.00 | 46.73 2.85 0.00 | 42.91 2.62 0.00 | 41.23 2.33 0.00 | 33.95 1.80 0.00 | 29.80 1.47 0.00 | 26.58 1.39 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 23.47 -0.75 0.00 | 21.32 -0.59 0.00 | 21.04 -0.61 0.00 | 20.70 -0.55 0.00 | 21.47 -0.57 0.00 | 21.79 -0.60 0.00 | 27.86 -0.69 0.00 | 29.62 -0.70 0.00 | 29.03 -0.74 0.00 | 26.96 -0.66 0.00 | 27.22 -0.61 0.00 | 27.85 -0.60 0.00 | 29.04 -0.65 0.00 | 30.33 -0.68 0.00 | 31.12 -0.70 0.00 | 32.04 -0.79 0.00 | 37.39 -0.84 0.00 | 41.88 -1.21 0.00 | 42.60 -1.27 0.00 | 39.08 -1.21 0.00 | 37.96 -0.93 0.00 | 31.42 -0.74 0.00 | 27.62 -0.71 0.00 | 24.66 -0.53 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ST_LAW_115_BK8_LBMP 345038 | 23.47 -0.75 0.00 | 21.32 -0.59 0.00 | 21.04 -0.61 0.00 | 20.70 -0.55 0.00 | 21.47 -0.57 0.00 | 21.79 -0.60 0.00 | 27.86 -0.69 0.00 | 29.62 -0.70 0.00 | 29.03 -0.74 0.00 | 26.96 -0.66 0.00 | 27.22 -0.61 0.00 | 27.85 -0.60 0.00 | 29.04 -0.65 0.00 | 30.33 -0.68 0.00 | 31.12 -0.70 0.00 | 32.04 -0.79 0.00 | 37.39 -0.84 0.00 | 41.88 -1.21 0.00 | 42.60 -1.27 0.00 | 39.08 -1.21 0.00 | 37.96 -0.93 0.00 | 31.42 -0.74 0.00 | 27.62 -0.71 0.00 | 24.66 -0.53 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 23.49 -0.73 0.00 | 21.34 -0.57 0.00 | 21.06 -0.58 0.00 | 20.70 -0.55 0.00 | 21.47 -0.57 0.00 | 21.81 -0.58 0.00 | 27.86 -0.69 0.00 | 29.62 -0.70 0.00 | 29.06 -0.71 0.00 | 26.99 -0.63 0.00 | 27.25 -0.59 0.00 | 27.85 -0.60 0.00 | 29.07 -0.63 0.00 | 30.36 -0.65 0.00 | 31.15 -0.67 0.00 | 32.11 -0.72 0.00 | 37.46 -0.76 0.00 | 41.92 -1.16 0.00 | 42.65 -1.23 0.00 | 39.16 -1.13 0.00 | 38.00 -0.89 0.00 | 31.42 -0.74 0.00 | 27.65 -0.68 0.00 | 24.66 -0.53 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 23.49 -0.73 0.00 | 21.34 -0.57 0.00 | 21.06 -0.58 0.00 | 20.70 -0.55 0.00 | 21.47 -0.57 0.00 | 21.81 -0.58 0.00 | 27.86 -0.69 0.00 | 29.62 -0.70 0.00 | 29.06 -0.71 0.00 | 26.99 -0.63 0.00 | 27.25 -0.59 0.00 | 27.85 -0.60 0.00 | 29.07 -0.63 0.00 | 30.36 -0.65 0.00 | 31.15 -0.67 0.00 | 32.11 -0.72 0.00 | 37.46 -0.76 0.00 | 41.92 -1.16 0.00 | 42.65 -1.23 0.00 | 39.16 -1.13 0.00 | 38.00 -0.89 0.00 | 31.42 -0.74 0.00 | 27.65 -0.68 0.00 | 24.66 -0.53 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 25.65 1.43 0.00 | 23.07 1.16 0.00 | 22.79 1.15 0.00 | 22.34 1.08 0.00 | 23.16 1.12 0.00 | 23.56 1.16 0.00 | 30.11 1.57 0.00 | 32.01 1.70 0.00 | 31.41 1.64 0.00 | 28.98 1.35 0.00 | 29.25 1.42 0.00 | 29.81 1.37 0.00 | 31.18 1.48 0.00 | 32.57 1.55 0.00 | 33.41 1.59 0.00 | 34.61 1.77 0.00 | 40.29 2.06 0.00 | 45.88 2.80 0.00 | 46.68 2.81 0.00 | 42.87 2.58 0.00 | 41.19 2.29 0.00 | 33.95 1.80 0.00 | 29.80 1.47 0.00 | 26.55 1.36 0.00 |
| SWANROAD_115KV_TB1 355699 | 23.11 -1.11 0.00 | 20.84 -1.07 0.00 | 20.41 -1.23 0.00 | 20.13 -1.13 0.00 | 20.87 -1.17 0.00 | 21.43 -0.96 0.00 | 26.95 -1.60 0.00 | 28.40 -1.91 0.00 | 28.40 -1.37 0.00 | 26.77 -0.86 0.00 | 26.89 -0.95 0.00 | 27.74 -0.71 0.00 | 28.57 -1.13 0.00 | 29.99 -1.02 0.00 | 30.68 -1.15 0.00 | 31.16 -1.67 0.00 | 35.90 -2.33 0.00 | 39.51 -3.58 0.00 | 40.41 -3.47 0.00 | 37.23 -3.06 0.00 | 36.02 -2.88 0.00 | 29.87 -2.28 0.00 | 27.51 -0.82 0.00 | 24.31 -0.88 0.00 |
| SYNERGY___BIOGAS 323694 | 23.95 -0.27 0.00 | 21.58 -0.33 0.00 | 21.15 -0.50 0.00 | 20.85 -0.40 0.00 | 21.64 -0.40 0.00 | 22.24 -0.16 0.00 | 28.12 -0.43 0.00 | 29.80 -0.52 0.00 | 29.77 0.00 0.00 | 27.98 0.36 0.00 | 28.03 0.20 0.00 | 28.96 0.51 0.00 | 29.85 0.15 0.00 | 31.33 0.31 0.00 | 32.08 0.25 0.00 | 32.57 -0.26 0.00 | 37.54 -0.69 0.00 | 41.57 -1.51 0.00 | 42.52 -1.36 0.00 | 39.12 -1.17 0.00 | 37.22 -1.67 0.00 | 31.32 -0.84 0.00 | 28.61 0.28 0.00 | 25.62 0.43 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 24.03 -0.19 0.00 | 21.73 -0.18 0.00 | 21.45 -0.19 0.00 | 21.09 -0.17 0.00 | 21.86 -0.18 0.00 | 22.29 -0.11 0.00 | 28.32 -0.23 0.00 | 30.07 -0.24 0.00 | 29.95 0.18 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.48 0.03 0.00 | 29.73 0.03 0.00 | 31.11 0.09 0.00 | 31.89 0.06 0.00 | 32.80 -0.03 0.00 | 38.07 -0.15 0.00 | 42.82 -0.26 0.00 | 43.61 -0.26 0.00 | 40.09 -0.20 0.00 | 38.62 -0.27 0.00 | 31.99 -0.16 0.00 | 28.27 -0.06 0.00 | 25.09 -0.10 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 24.03 -0.19 0.00 | 21.73 -0.18 0.00 | 21.45 -0.19 0.00 | 21.09 -0.17 0.00 | 21.86 -0.18 0.00 | 22.29 -0.11 0.00 | 28.32 -0.23 0.00 | 30.07 -0.24 0.00 | 29.95 0.18 0.00 | 27.68 0.06 0.00 | 27.78 -0.06 0.00 | 28.48 0.03 0.00 | 29.73 0.03 0.00 | 31.11 0.09 0.00 | 31.89 0.06 0.00 | 32.80 -0.03 0.00 | 38.07 -0.15 0.00 | 42.82 -0.26 0.00 | 43.61 -0.26 0.00 | 40.09 -0.20 0.00 | 38.62 -0.27 0.00 | 31.99 -0.16 0.00 | 28.27 -0.06 0.00 | 25.09 -0.10 0.00 |
| SYRACUSE___POWER 24017 | 24.03 -0.19 0.00 | 21.73 -0.18 0.00 | 21.45 -0.19 0.00 | 21.07 -0.19 0.00 | 21.86 -0.18 0.00 | 22.26 -0.13 0.00 | 28.32 -0.23 0.00 | 30.07 -0.24 0.00 | 29.77 0.00 0.00 | 27.60 -0.03 0.00 | 27.72 -0.11 0.00 | 28.39 -0.06 0.00 | 29.64 -0.06 0.00 | 30.98 -0.03 0.00 | 31.79 -0.03 0.00 | 32.73 -0.10 0.00 | 38.00 -0.23 0.00 | 42.78 -0.30 0.00 | 43.57 -0.31 0.00 | 40.05 -0.24 0.00 | 38.58 -0.31 0.00 | 31.93 -0.23 0.00 | 28.21 -0.11 0.00 | 25.04 -0.15 0.00 |
| TALLMAN___138KV_BK151 55660 | 25.87 1.65 0.00 | 23.22 1.31 0.00 | 22.96 1.32 0.00 | 22.49 1.23 0.00 | 23.32 1.28 0.00 | 23.72 1.32 0.00 | 30.34 1.80 0.00 | 32.31 2.00 0.00 | 31.71 1.94 0.00 | 29.25 1.63 0.00 | 29.50 1.67 0.00 | 30.07 1.62 0.00 | 31.48 1.78 0.00 | 32.88 1.86 0.00 | 33.73 1.91 0.00 | 34.93 2.10 0.00 | 40.67 2.45 0.00 | 46.31 3.23 0.00 | 47.12 3.25 0.00 | 43.23 2.94 0.00 | 41.54 2.64 0.00 | 34.24 2.09 0.00 | 30.03 1.70 0.00 | 26.76 1.56 0.00 |
| TEALLAVE_115KV_TB7 355573 | 23.95 -0.27 0.00 | 21.65 -0.26 0.00 | 21.38 -0.26 0.00 | 21.00 -0.26 0.00 | 21.78 -0.26 0.00 | 22.20 -0.20 0.00 | 28.23 -0.31 0.00 | 29.98 -0.33 0.00 | 29.65 -0.12 0.00 | 27.51 -0.11 0.00 | 27.64 -0.19 0.00 | 28.30 -0.14 0.00 | 29.55 -0.15 0.00 | 30.89 -0.12 0.00 | 31.69 -0.13 0.00 | 32.60 -0.23 0.00 | 37.85 -0.38 0.00 | 42.57 -0.52 0.00 | 43.39 -0.48 0.00 | 39.85 -0.44 0.00 | 38.39 -0.51 0.00 | 31.80 -0.35 0.00 | 28.10 -0.23 0.00 | 24.94 -0.25 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 23.64 -0.58 0.00 | 21.30 -0.61 0.00 | 20.89 -0.76 0.00 | 20.60 -0.66 0.00 | 21.36 -0.68 0.00 | 21.93 -0.47 0.00 | 27.66 -0.88 0.00 | 29.25 -1.06 0.00 | 29.23 -0.54 0.00 | 27.51 -0.11 0.00 | 27.61 -0.22 0.00 | 28.53 0.09 0.00 | 29.37 -0.33 0.00 | 30.86 -0.16 0.00 | 31.57 -0.25 0.00 | 32.05 -0.79 0.00 | 36.97 -1.26 0.00 | 40.76 -2.33 0.00 | 41.68 -2.19 0.00 | 38.40 -1.89 0.00 | 37.10 -1.79 0.00 | 30.77 -1.38 0.00 | 28.19 -0.14 0.00 | 24.87 -0.33 0.00 |
| TEMPLE___115KV_TB 2 55572 | 23.95 -0.27 0.00 | 21.67 -0.24 0.00 | 21.38 -0.26 0.00 | 21.02 -0.23 0.00 | 21.80 -0.24 0.00 | 22.22 -0.18 0.00 | 28.23 -0.31 0.00 | 29.98 -0.33 0.00 | 29.65 -0.12 0.00 | 27.51 -0.11 0.00 | 27.64 -0.19 0.00 | 28.33 -0.11 0.00 | 29.55 -0.15 0.00 | 30.89 -0.12 0.00 | 31.69 -0.13 0.00 | 32.60 -0.23 0.00 | 37.85 -0.38 0.00 | 42.61 -0.47 0.00 | 43.39 -0.48 0.00 | 39.89 -0.40 0.00 | 38.43 -0.47 0.00 | 31.80 -0.35 0.00 | 28.10 -0.23 0.00 | 24.94 -0.25 0.00 |
| TIANA____69_KV_BK 1 55817 | 29.10 1.36 -3.53 | 25.56 1.07 -2.58 | 25.31 1.06 -2.61 | 25.00 1.08 -2.66 | 24.76 1.10 -1.62 | 24.22 0.96 -0.86 | 28.07 1.43 1.90 | 33.49 1.73 -1.45 | 32.84 1.58 -1.49 | 24.41 1.19 4.41 | 31.12 1.25 -2.04 | 32.02 1.19 -2.38 | 24.87 1.28 6.10 | 31.29 1.36 1.09 | 31.31 1.50 2.01 | 26.21 1.64 8.26 | 40.22 1.99 0.00 | 48.40 3.53 -1.78 | 47.34 3.47 0.00 | 43.47 3.18 0.00 | 41.66 2.76 0.00 | 35.82 1.96 -1.70 | 31.55 1.56 -1.67 | 30.05 1.26 -3.59 |
| TILDEN___115KV_TB1 80814 | 24.03 -0.19 0.00 | 21.73 -0.18 0.00 | 21.45 -0.19 0.00 | 21.07 -0.19 0.00 | 21.86 -0.18 0.00 | 22.26 -0.13 0.00 | 28.32 -0.23 0.00 | 30.07 -0.24 0.00 | 29.77 0.00 0.00 | 27.60 -0.03 0.00 | 27.72 -0.11 0.00 | 28.39 -0.06 0.00 | 29.64 -0.06 0.00 | 30.98 -0.03 0.00 | 31.79 -0.03 0.00 | 32.73 -0.10 0.00 | 38.00 -0.23 0.00 | 42.78 -0.30 0.00 | 43.57 -0.31 0.00 | 40.05 -0.24 0.00 | 38.58 -0.31 0.00 | 31.93 -0.23 0.00 | 28.21 -0.11 0.00 | 25.04 -0.15 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TRIGEN___CC 323695 | 29.88 2.13 -3.53 | 26.22 1.73 -2.58 | 25.96 1.71 -2.61 | 25.55 1.64 -2.66 | 25.36 1.70 -1.62 | 29.37 1.75 -5.22 | 32.71 2.37 -1.80 | 34.33 2.58 -1.45 | 33.76 2.50 -1.49 | 31.73 2.15 -1.96 | 32.10 2.23 -2.04 | 33.20 2.19 -2.56 | 32.56 2.35 -0.51 | 33.85 2.45 -0.38 | 34.79 2.51 -0.45 | 35.53 2.69 0.00 | 41.17 2.94 0.00 | 48.87 4.01 -1.78 | 47.87 3.99 0.00 | 43.96 3.67 0.00 | 42.16 3.27 0.00 | 36.56 2.70 -1.70 | 32.26 2.27 -1.67 | 30.83 2.04 -3.59 |
| TRINITY___115KV___4 BK 55933 | 24.97 0.75 0.00 | 22.54 0.64 0.00 | 22.29 0.65 0.00 | 21.87 0.62 0.00 | 22.68 0.64 0.00 | 23.02 0.63 0.00 | 29.40 0.86 0.00 | 31.16 0.85 0.00 | 30.46 0.68 0.00 | 28.12 0.50 0.00 | 28.36 0.53 0.00 | 28.87 0.43 0.00 | 30.20 0.50 0.00 | 31.51 0.50 0.00 | 32.30 0.48 0.00 | 33.42 0.59 0.00 | 38.99 0.76 0.00 | 44.46 1.38 0.00 | 45.28 1.40 0.00 | 41.58 1.29 0.00 | 39.94 1.05 0.00 | 32.99 0.84 0.00 | 28.98 0.65 0.00 | 25.82 0.63 0.00 |
| UNION___PROCESSING_DRP 323587 | 23.69 -0.53 0.00 | 21.36 -0.55 0.00 | 20.99 -0.65 0.00 | 20.68 -0.57 0.00 | 21.44 -0.60 0.00 | 21.95 -0.45 0.00 | 27.80 -0.74 0.00 | 29.43 -0.88 0.00 | 29.32 -0.45 0.00 | 27.49 -0.14 0.00 | 27.58 -0.25 0.00 | 28.48 0.03 0.00 | 29.43 -0.27 0.00 | 30.83 -0.19 0.00 | 31.57 -0.25 0.00 | 32.18 -0.66 0.00 | 37.16 -1.07 0.00 | 41.32 -1.77 0.00 | 42.17 -1.71 0.00 | 38.84 -1.45 0.00 | 37.53 -1.36 0.00 | 31.06 -1.09 0.00 | 28.10 -0.23 0.00 | 24.74 -0.45 0.00 |
| UPPER HUDSON___HYD 24058 | 25.94 1.72 0.00 | 23.47 1.56 0.00 | 23.12 1.47 0.00 | 22.68 1.42 0.00 | 23.54 1.50 0.00 | 23.96 1.57 0.00 | 30.69 2.14 0.00 | 32.56 2.24 0.00 | 31.88 2.11 0.00 | 29.42 1.79 0.00 | 29.64 1.81 0.00 | 30.21 1.76 0.00 | 31.57 1.87 0.00 | 32.88 1.86 0.00 | 33.70 1.88 0.00 | 34.90 2.07 0.00 | 40.71 2.48 0.00 | 46.53 3.45 0.00 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.85 2.95 0.00 | 34.50 2.35 0.00 | 30.28 1.95 0.00 | 26.91 1.71 0.00 |
| UPPER RAQUET___HYD 24056 | 23.52 -0.70 0.00 | 21.45 -0.46 0.00 | 21.12 -0.52 0.00 | 20.83 -0.42 0.00 | 21.60 -0.44 0.00 | 21.99 -0.40 0.00 | 28.23 -0.31 0.00 | 30.04 -0.27 0.00 | 29.35 -0.42 0.00 | 27.29 -0.33 0.00 | 27.55 -0.28 0.00 | 28.19 -0.26 0.00 | 29.25 -0.44 0.00 | 30.36 -0.65 0.00 | 31.19 -0.64 0.00 | 31.98 -0.85 0.00 | 37.23 -0.99 0.00 | 41.75 -1.34 0.00 | 42.52 -1.36 0.00 | 39.00 -1.29 0.00 | 38.08 -0.82 0.00 | 31.61 -0.55 0.00 | 27.70 -0.62 0.00 | 24.86 -0.33 0.00 |
| VALLEY44_115KV_TB2 355964 | 24.29 0.07 0.00 | 21.84 -0.07 0.00 | 21.47 -0.17 0.00 | 21.17 -0.09 0.00 | 21.97 -0.07 0.00 | 22.53 0.13 0.00 | 28.55 0.00 0.00 | 29.83 -0.48 0.00 | 29.71 -0.06 0.00 | 27.96 0.33 0.00 | 28.03 0.19 0.00 | 28.90 0.46 0.00 | 29.85 0.15 0.00 | 31.48 0.47 0.00 | 32.46 0.64 0.00 | 33.06 0.23 0.00 | 38.23 0.00 0.00 | 42.09 -0.99 0.00 | 43.13 -0.75 0.00 | 39.77 -0.52 0.00 | 38.00 -0.89 0.00 | 31.61 -0.55 0.00 | 28.67 0.34 0.00 | 25.47 0.28 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 24.20 -0.02 0.00 | 21.91 0.00 0.00 | 21.62 -0.02 0.00 | 21.24 -0.02 0.00 | 22.04 0.00 0.00 | 22.42 0.02 0.00 | 28.66 0.11 0.00 | 30.43 0.12 0.00 | 29.86 0.09 0.00 | 27.79 0.17 0.00 | 28.00 0.17 0.00 | 28.67 0.23 0.00 | 29.94 0.24 0.00 | 31.23 0.22 0.00 | 32.04 0.22 0.00 | 33.06 0.23 0.00 | 38.49 0.27 0.00 | 43.51 0.43 0.00 | 44.27 0.39 0.00 | 40.65 0.36 0.00 | 39.17 0.27 0.00 | 32.31 0.16 0.00 | 28.41 0.08 0.00 | 25.22 0.03 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 25.55 1.33 0.00 | 23.16 1.25 0.00 | 22.88 1.23 0.00 | 22.47 1.21 0.00 | 23.34 1.30 0.00 | 23.67 1.28 0.00 | 30.26 1.71 0.00 | 32.16 1.85 0.00 | 31.56 1.79 0.00 | 29.25 1.63 0.00 | 29.33 1.50 0.00 | 30.10 1.65 0.00 | 31.42 1.72 0.00 | 32.75 1.74 0.00 | 33.60 1.78 0.00 | 34.74 1.90 0.00 | 40.44 2.22 0.00 | 45.80 2.71 0.00 | 46.68 2.81 0.00 | 42.91 2.62 0.00 | 41.31 2.41 0.00 | 34.12 1.96 0.00 | 30.06 1.73 0.00 | 26.65 1.46 0.00 |
| VISCHER___FERRY HYD 24020 | 25.48 1.26 0.00 | 23.00 1.10 0.00 | 22.73 1.08 0.00 | 22.30 1.04 0.00 | 23.12 1.08 0.00 | 23.52 1.12 0.00 | 30.00 1.46 0.00 | 31.86 1.55 0.00 | 31.11 1.34 0.00 | 28.73 1.11 0.00 | 28.97 1.14 0.00 | 29.50 1.05 0.00 | 30.80 1.10 0.00 | 32.13 1.11 0.00 | 32.97 1.14 0.00 | 34.11 1.28 0.00 | 39.83 1.61 0.00 | 45.41 2.32 0.00 | 46.29 2.41 0.00 | 42.51 2.21 0.00 | 40.88 1.98 0.00 | 33.73 1.58 0.00 | 29.63 1.30 0.00 | 26.38 1.18 0.00 |
| V_A_10_SYNC_DSASP 323832 | 23.23 -0.99 0.00 | 20.97 -0.94 0.00 | 20.56 -1.08 0.00 | 20.26 -1.00 0.00 | 21.00 -1.04 0.00 | 21.52 -0.87 0.00 | 27.15 -1.40 0.00 | 28.68 -1.64 0.00 | 28.64 -1.13 0.00 | 26.93 -0.69 0.00 | 27.02 -0.81 0.00 | 27.88 -0.57 0.00 | 28.75 -0.95 0.00 | 30.15 -0.87 0.00 | 30.84 -0.99 0.00 | 31.42 -1.41 0.00 | 36.24 -1.99 0.00 | 40.07 -3.02 0.00 | 40.94 -2.94 0.00 | 37.67 -2.62 0.00 | 35.86 -3.03 0.00 | 30.23 -1.93 0.00 | 27.62 -0.71 0.00 | 24.74 -0.45 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 23.54 -0.68 0.00 | 21.41 -0.50 0.00 | 21.12 -0.52 0.00 | 20.79 -0.47 0.00 | 21.55 -0.48 0.00 | 21.88 -0.51 0.00 | 28.00 -0.54 0.00 | 29.77 -0.54 0.00 | 29.14 -0.63 0.00 | 27.10 -0.53 0.00 | 27.36 -0.47 0.00 | 27.96 -0.48 0.00 | 29.19 -0.51 0.00 | 30.46 -0.56 0.00 | 31.28 -0.54 0.00 | 32.21 -0.62 0.00 | 37.58 -0.65 0.00 | 42.09 -0.99 0.00 | 42.82 -1.05 0.00 | 39.29 -1.01 0.00 | 38.15 -0.74 0.00 | 31.58 -0.58 0.00 | 27.73 -0.60 0.00 | 24.79 -0.40 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 23.01 -1.21 0.00 | 21.10 -0.81 0.00 | 20.74 -0.91 0.00 | 20.49 -0.76 0.00 | 21.29 -0.75 0.00 | 21.66 -0.74 0.00 | 27.92 -0.63 0.00 | 29.80 -0.52 0.00 | 29.09 -0.68 0.00 | 27.18 -0.44 0.00 | 27.69 -0.14 0.00 | 28.42 -0.03 0.00 | 29.67 -0.03 0.00 | 30.99 -0.03 0.00 | 31.85 0.03 0.00 | 32.74 -0.10 0.00 | 38.30 0.08 0.00 | 42.91 -0.17 0.00 | 43.44 -0.44 0.00 | 39.73 -0.56 0.00 | 38.51 -0.39 0.00 | 31.83 -0.32 0.00 | 27.85 -0.48 0.00 | 24.89 -0.30 0.00 |
| V_D_10_SYNC_DSASP 323841 | 23.66 -0.56 0.00 | 21.54 -0.37 0.00 | 21.23 -0.41 0.00 | 20.90 -0.36 0.00 | 21.67 -0.37 0.00 | 22.02 -0.38 0.00 | 28.17 -0.37 0.00 | 29.95 -0.36 0.00 | 29.32 -0.45 0.00 | 27.26 -0.36 0.00 | 27.53 -0.31 0.00 | 28.16 -0.28 0.00 | 29.34 -0.36 0.00 | 30.61 -0.40 0.00 | 31.41 -0.41 0.00 | 32.34 -0.49 0.00 | 37.73 -0.50 0.00 | 42.22 -0.86 0.00 | 43.00 -0.88 0.00 | 39.44 -0.85 0.00 | 38.35 -0.54 0.00 | 31.74 -0.42 0.00 | 27.90 -0.42 0.00 | 24.94 -0.25 0.00 |
| V_E_10_SYNC_DSASP 323830 | 25.75 1.53 0.00 | 23.40 1.49 0.00 | 23.01 1.36 0.00 | 22.64 1.38 0.00 | 23.60 1.57 0.00 | 24.10 1.70 0.00 | 30.91 2.37 0.00 | 32.89 2.58 0.00 | 32.27 2.50 0.00 | 29.94 2.32 0.00 | 29.84 2.00 0.00 | 30.84 2.39 0.00 | 32.19 2.49 0.00 | 33.56 2.54 0.00 | 34.46 2.64 0.00 | 35.56 2.72 0.00 | 41.47 3.25 0.00 | 46.79 3.71 0.00 | 47.87 3.99 0.00 | 44.00 3.70 0.00 | 42.24 3.35 0.00 | 34.92 2.77 0.00 | 30.85 2.52 0.00 | 27.31 2.12 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 25.75 1.53 0.00 | 23.27 1.36 0.00 | 22.96 1.32 0.00 | 22.53 1.28 0.00 | 23.36 1.32 0.00 | 23.76 1.37 0.00 | 30.37 1.83 0.00 | 32.22 1.91 0.00 | 31.53 1.76 0.00 | 29.09 1.46 0.00 | 29.33 1.50 0.00 | 29.90 1.45 0.00 | 31.21 1.51 0.00 | 32.57 1.55 0.00 | 33.38 1.56 0.00 | 34.54 1.71 0.00 | 40.33 2.10 0.00 | 46.01 2.93 0.00 | 46.90 3.03 0.00 | 43.07 2.78 0.00 | 41.39 2.49 0.00 | 34.15 1.99 0.00 | 30.00 1.67 0.00 | 26.68 1.49 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| V_F_30_SYNC_DSASP 323786 | 25.00 0.78 0.00 | 22.59 0.68 0.00 | 22.34 0.69 0.00 | 21.92 0.66 0.00 | 22.72 0.68 0.00 | 23.07 0.67 0.00 | 29.49 0.94 0.00 | 31.25 0.94 0.00 | 30.57 0.80 0.00 | 28.23 0.61 0.00 | 28.47 0.64 0.00 | 28.99 0.54 0.00 | 30.32 0.62 0.00 | 31.61 0.59 0.00 | 32.43 0.60 0.00 | 33.56 0.72 0.00 | 39.14 0.92 0.00 | 44.59 1.51 0.00 | 45.46 1.58 0.00 | 41.70 1.41 0.00 | 40.10 1.21 0.00 | 33.12 0.96 0.00 | 29.06 0.74 0.00 | 25.90 0.71 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 23.01 -1.21 0.00 | 21.10 -0.81 0.00 | 20.74 -0.91 0.00 | 20.49 -0.76 0.00 | 21.29 -0.75 0.00 | 21.66 -0.74 0.00 | 27.92 -0.63 0.00 | 29.80 -0.52 0.00 | 29.09 -0.68 0.00 | 27.18 -0.44 0.00 | 27.69 -0.14 0.00 | 28.42 -0.03 0.00 | 29.67 -0.03 0.00 | 30.99 -0.03 0.00 | 31.85 0.03 0.00 | 32.74 -0.10 0.00 | 38.30 0.08 0.00 | 42.91 -0.17 0.00 | 43.44 -0.44 0.00 | 39.73 -0.56 0.00 | 38.51 -0.39 0.00 | 31.83 -0.32 0.00 | 27.85 -0.48 0.00 | 24.89 -0.30 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 25.92 1.70 0.00 | 23.29 1.38 0.00 | 23.01 1.36 0.00 | 22.55 1.30 0.00 | 23.38 1.34 0.00 | 23.76 1.37 0.00 | 30.43 1.88 0.00 | 32.37 2.06 0.00 | 31.77 1.99 0.00 | 29.31 1.69 0.00 | 29.58 1.75 0.00 | 30.15 1.71 0.00 | 31.57 1.87 0.00 | 32.94 1.92 0.00 | 33.83 2.00 0.00 | 35.00 2.17 0.00 | 40.75 2.52 0.00 | 46.44 3.36 0.00 | 47.26 3.38 0.00 | 43.35 3.06 0.00 | 41.66 2.76 0.00 | 34.31 2.15 0.00 | 30.11 1.78 0.00 | 26.81 1.61 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 26.14 1.91 -0.01 | 23.44 1.53 0.00 | 23.16 1.52 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.94 1.55 0.00 | 30.70 2.14 -0.01 | 33.60 2.36 -0.92 | 34.90 2.29 -2.84 | 33.81 1.96 -4.23 | 34.71 2.03 -4.85 | 36.70 1.99 -6.26 | 42.66 2.14 -10.82 | 42.58 2.23 -9.33 | 42.53 2.29 -8.42 | 42.46 2.46 -7.16 | 44.80 2.87 -3.71 | 46.85 3.75 -0.02 | 47.56 3.69 0.00 | 43.68 3.38 -0.01 | 42.77 3.11 -0.77 | 34.61 2.44 -0.01 | 30.35 2.01 -0.01 | 27.04 1.84 -0.01 |
| W50THST__13_KV_LOAD 356117 | 26.31 2.08 -0.01 | 23.57 1.67 0.00 | 23.27 1.62 0.00 | 22.81 1.55 0.00 | 23.65 1.61 0.00 | 24.08 1.68 0.00 | 30.90 2.34 -0.01 | 33.84 2.61 -0.92 | 35.14 2.53 -2.84 | 34.06 2.21 -4.23 | 34.94 2.25 -4.85 | 36.93 2.22 -6.26 | 42.92 2.41 -10.82 | 42.83 2.48 -9.33 | 42.82 2.58 -8.42 | 42.75 2.76 -7.16 | 45.15 3.21 -3.71 | 47.19 4.09 -0.02 | 47.91 4.04 0.00 | 44.01 3.71 -0.01 | 43.04 3.38 -0.77 | 34.81 2.64 -0.01 | 30.54 2.21 -0.01 | 27.22 2.02 -0.01 |
| WADING RIVER_IC_1 23522 | 28.91 1.16 -3.53 | 25.39 0.90 -2.58 | 25.18 0.93 -2.61 | 24.83 0.91 -2.66 | 24.61 0.95 -1.62 | 25.09 0.74 -1.95 | 28.71 1.14 0.98 | 33.18 1.43 -1.45 | 32.51 1.25 -1.49 | 25.72 0.91 2.81 | 30.79 0.92 -2.04 | 31.73 0.85 -2.43 | 26.20 0.95 4.45 | 31.28 0.99 0.72 | 31.51 1.08 1.39 | 27.89 1.25 6.19 | 39.76 1.53 0.00 | 47.88 3.01 -1.78 | 46.82 2.94 0.00 | 42.99 2.70 0.00 | 42.01 3.11 0.00 | 35.43 1.58 -1.70 | 31.30 1.30 -1.67 | 29.72 0.93 -3.59 |
| WADING RIVER_IC_2 23547 | 28.91 1.16 -3.53 | 25.39 0.90 -2.58 | 25.18 0.93 -2.61 | 24.83 0.91 -2.66 | 24.61 0.95 -1.62 | 25.09 0.74 -1.95 | 28.71 1.14 0.98 | 33.18 1.43 -1.45 | 32.51 1.25 -1.49 | 25.72 0.91 2.81 | 30.79 0.92 -2.04 | 31.73 0.85 -2.43 | 26.20 0.95 4.45 | 31.28 0.99 0.72 | 31.51 1.08 1.39 | 27.89 1.25 6.19 | 39.76 1.53 0.00 | 47.88 3.01 -1.78 | 46.82 2.94 0.00 | 42.99 2.70 0.00 | 42.01 3.11 0.00 | 35.43 1.58 -1.70 | 31.30 1.30 -1.67 | 29.72 0.93 -3.59 |
| WADING RIVER_IC_3 23601 | 28.91 1.16 -3.53 | 25.39 0.90 -2.58 | 25.18 0.93 -2.61 | 24.83 0.91 -2.66 | 24.61 0.95 -1.62 | 25.09 0.74 -1.95 | 28.71 1.14 0.98 | 33.18 1.43 -1.45 | 32.51 1.25 -1.49 | 25.72 0.91 2.81 | 30.79 0.92 -2.04 | 31.73 0.85 -2.43 | 26.20 0.95 4.45 | 31.28 0.99 0.72 | 31.51 1.08 1.39 | 27.89 1.25 6.19 | 39.76 1.53 0.00 | 47.88 3.01 -1.78 | 46.82 2.94 0.00 | 42.99 2.70 0.00 | 42.01 3.11 0.00 | 35.43 1.58 -1.70 | 31.30 1.30 -1.67 | 29.72 0.93 -3.59 |
| WALDENNY_12_KV_BK2 80841 | 23.83 -0.39 0.00 | 21.47 -0.44 0.00 | 21.06 -0.58 0.00 | 20.77 -0.49 0.00 | 21.56 -0.48 0.00 | 22.11 -0.29 0.00 | 27.92 -0.63 0.00 | 29.40 -0.91 0.00 | 29.38 -0.39 0.00 | 27.71 0.08 0.00 | 27.83 0.00 0.00 | 28.73 0.28 0.00 | 29.61 -0.09 0.00 | 31.17 0.16 0.00 | 31.95 0.13 0.00 | 32.44 -0.39 0.00 | 37.39 -0.84 0.00 | 41.10 -1.98 0.00 | 42.08 -1.80 0.00 | 38.76 -1.53 0.00 | 37.34 -1.56 0.00 | 30.96 -1.19 0.00 | 28.38 0.06 0.00 | 25.12 -0.08 0.00 |
| WALDEN__HYDRO 24148 | 25.72 1.50 0.00 | 23.14 1.23 0.00 | 22.88 1.23 0.00 | 22.43 1.17 0.00 | 23.25 1.21 0.00 | 23.63 1.23 0.00 | 30.20 1.66 0.00 | 32.10 1.79 0.00 | 31.50 1.73 0.00 | 29.06 1.44 0.00 | 29.31 1.48 0.00 | 29.87 1.42 0.00 | 31.27 1.57 0.00 | 32.63 1.61 0.00 | 33.51 1.69 0.00 | 34.70 1.87 0.00 | 40.44 2.22 0.00 | 46.06 2.97 0.00 | 46.90 3.03 0.00 | 43.07 2.78 0.00 | 41.34 2.45 0.00 | 34.05 1.90 0.00 | 29.89 1.56 0.00 | 26.63 1.44 0.00 |
| WARRENSBURG____ 23737 | 25.94 1.72 0.00 | 23.47 1.56 0.00 | 23.12 1.47 0.00 | 22.68 1.42 0.00 | 23.54 1.50 0.00 | 23.96 1.57 0.00 | 30.69 2.14 0.00 | 32.56 2.24 0.00 | 31.88 2.11 0.00 | 29.42 1.79 0.00 | 29.64 1.81 0.00 | 30.21 1.76 0.00 | 31.57 1.87 0.00 | 32.88 1.86 0.00 | 33.70 1.88 0.00 | 34.90 2.07 0.00 | 40.71 2.48 0.00 | 46.53 3.45 0.00 | 47.48 3.60 0.00 | 43.60 3.30 0.00 | 41.85 2.95 0.00 | 34.50 2.35 0.00 | 30.28 1.95 0.00 | 26.91 1.71 0.00 |
| WATERSIDE____6 8 9 23538 | 26.09 1.87 -0.01 | 23.40 1.49 0.00 | 23.09 1.45 0.00 | 22.62 1.36 0.00 | 23.45 1.41 0.00 | 23.85 1.46 0.00 | 30.59 2.03 -0.02 | 33.54 2.24 -0.98 | 34.97 2.17 -3.03 | 33.99 1.85 -4.51 | 34.90 1.89 -5.18 | 37.01 1.88 -6.68 | 43.27 2.02 -11.55 | 43.09 2.11 -9.96 | 43.01 2.20 -8.99 | 42.84 2.36 -7.64 | 44.94 2.75 -3.96 | 46.68 3.58 -0.02 | 47.43 3.55 0.00 | 43.56 3.26 -0.01 | 42.67 2.96 -0.82 | 34.49 2.32 -0.02 | 30.26 1.93 -0.01 | 26.96 1.76 -0.01 |
| WATKINRD_115KV_LN8_ILLION 55919 | 24.37 0.15 0.00 | 22.06 0.15 0.00 | 21.80 0.15 0.00 | 21.38 0.13 0.00 | 22.19 0.15 0.00 | 22.55 0.16 0.00 | 28.77 0.23 0.00 | 30.55 0.24 0.00 | 29.89 0.12 0.00 | 27.73 0.11 0.00 | 27.94 0.11 0.00 | 28.56 0.11 0.00 | 29.82 0.12 0.00 | 31.14 0.12 0.00 | 31.95 0.13 0.00 | 33.00 0.16 0.00 | 38.42 0.19 0.00 | 43.43 0.34 0.00 | 44.27 0.39 0.00 | 40.65 0.36 0.00 | 39.21 0.31 0.00 | 32.41 0.26 0.00 | 28.53 0.20 0.00 | 25.34 0.15 0.00 |
| WATSON__69_KV_BK 1 55734 | 30.00 2.25 -3.53 | 26.35 1.86 -2.58 | 26.09 1.84 -2.61 | 25.68 1.76 -2.66 | 25.49 1.83 -1.62 | 29.85 1.88 -5.57 | 33.24 2.60 -2.09 | 34.64 2.88 -1.45 | 34.00 2.74 -1.49 | 32.41 2.32 -2.46 | 32.21 2.34 -2.04 | 33.35 2.33 -2.57 | 33.20 2.46 -1.04 | 34.12 2.61 -0.50 | 35.21 2.74 -0.65 | 36.41 2.92 -0.66 | 41.55 3.33 0.00 | 49.69 4.83 -1.78 | 48.66 4.78 0.00 | 44.68 4.39 0.00 | 42.74 3.85 0.00 | 36.88 3.02 -1.70 | 32.46 2.46 -1.67 | 31.00 2.22 -3.59 |
| WDELAWARE__HYD 323627 | 25.79 1.57 0.00 | 23.22 1.31 0.00 | 22.94 1.30 0.00 | 22.51 1.25 0.00 | 23.34 1.30 0.00 | 23.72 1.32 0.00 | 30.34 1.80 0.00 | 32.19 1.88 0.00 | 31.65 1.88 0.00 | 29.17 1.55 0.00 | 29.39 1.56 0.00 | 29.95 1.51 0.00 | 31.42 1.72 0.00 | 32.75 1.74 0.00 | 33.63 1.81 0.00 | 34.90 2.07 0.00 | 40.64 2.41 0.00 | 46.23 3.14 0.00 | 47.12 3.25 0.00 | 43.31 3.02 0.00 | 41.66 2.76 0.00 | 34.21 2.06 0.00 | 30.03 1.70 0.00 | 26.70 1.51 0.00 |

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| WEST BABYLON___IC 23714 | 30.02 2.28 -3.53 | 26.37 1.88 -2.58 | 26.11 1.86 -2.61 | 25.70 1.79 -2.66 | 25.51 1.85 -1.62 | 29.52 1.90 -5.22 | 32.94 2.60 -1.80 | 34.61 2.85 -1.45 | 34.00 2.74 -1.49 | 31.90 2.32 -1.96 | 32.24 2.37 -2.04 | 33.37 2.36 -2.56 | 32.70 2.49 -0.51 | 34.04 2.64 -0.38 | 35.04 2.77 -0.45 | 35.76 2.92 0.00 | 41.51 3.29 0.00 | 49.56 4.70 -1.78 | 48.57 4.69 0.00 | 44.60 4.31 0.00 | 42.67 3.77 0.00 | 36.88 3.02 -1.70 | 32.46 2.46 -1.67 | 31.00 2.22 -3.59 |
| WEST CANADA___HYD 24049 | 24.39 0.17 0.00 | 22.06 0.15 0.00 | 21.80 0.15 0.00 | 21.41 0.15 0.00 | 22.20 0.16 0.00 | 22.55 0.16 0.00 | 28.77 0.23 0.00 | 30.53 0.21 0.00 | 29.92 0.15 0.00 | 27.76 0.14 0.00 | 27.97 0.14 0.00 | 28.59 0.14 0.00 | 29.85 0.15 0.00 | 31.17 0.16 0.00 | 31.98 0.16 0.00 | 33.03 0.20 0.00 | 38.46 0.23 0.00 | 43.47 0.39 0.00 | 44.27 0.39 0.00 | 40.65 0.36 0.00 | 39.20 0.31 0.00 | 32.41 0.26 0.00 | 28.53 0.20 0.00 | 25.35 0.15 0.00 |
| WESTERN_NY_WIND 24143 | 23.93 -0.29 0.00 | 21.56 -0.35 0.00 | 21.12 -0.52 0.00 | 20.83 -0.43 0.00 | 21.62 -0.42 0.00 | 22.22 -0.18 0.00 | 28.06 -0.49 0.00 | 29.74 -0.58 0.00 | 29.71 -0.06 0.00 | 27.93 0.30 0.00 | 28.00 0.17 0.00 | 28.90 0.46 0.00 | 29.82 0.12 0.00 | 31.30 0.28 0.00 | 32.01 0.19 0.00 | 32.50 -0.33 0.00 | 37.50 -0.73 0.00 | 41.49 -1.59 0.00 | 42.43 -1.45 0.00 | 39.08 -1.21 0.00 | 37.77 -1.13 0.00 | 31.29 -0.87 0.00 | 28.58 0.25 0.00 | 25.17 -0.03 0.00 |
| WESTOVER___LESR 323668 | 24.39 0.17 0.00 | 22.02 0.11 0.00 | 21.73 0.09 0.00 | 21.36 0.11 0.00 | 22.15 0.11 0.00 | 22.58 0.18 0.00 | 28.69 0.14 0.00 | 30.46 0.15 0.00 | 30.13 0.36 0.00 | 27.98 0.36 0.00 | 28.11 0.28 0.00 | 28.82 0.37 0.00 | 30.02 0.33 0.00 | 31.45 0.43 0.00 | 32.30 0.48 0.00 | 33.23 0.39 0.00 | 38.61 0.38 0.00 | 43.30 0.22 0.00 | 44.18 0.31 0.00 | 40.65 0.36 0.00 | 39.05 0.16 0.00 | 32.35 0.19 0.00 | 28.70 0.37 0.00 | 25.47 0.28 0.00 |
| WETHRSFD_WT_PWR 323626 | 23.69 -0.53 0.00 | 21.34 -0.57 0.00 | 20.97 -0.67 0.00 | 20.66 -0.60 0.00 | 21.45 -0.59 0.00 | 21.99 -0.40 0.00 | 27.78 -0.77 0.00 | 29.43 -0.88 0.00 | 29.32 -0.45 0.00 | 27.54 -0.08 0.00 | 27.61 -0.22 0.00 | 28.48 0.03 0.00 | 29.40 -0.30 0.00 | 30.92 -0.09 0.00 | 31.70 -0.13 0.00 | 32.31 -0.53 0.00 | 37.31 -0.92 0.00 | 41.32 -1.77 0.00 | 42.21 -1.67 0.00 | 38.88 -1.41 0.00 | 36.95 -1.94 0.00 | 31.03 -1.13 0.00 | 28.21 -0.11 0.00 | 25.32 0.13 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 25.84 1.62 0.00 | 23.22 1.31 0.00 | 22.94 1.30 0.00 | 22.49 1.23 0.00 | 23.32 1.28 0.00 | 23.70 1.30 0.00 | 30.31 1.77 0.00 | 32.28 1.97 0.00 | 31.65 1.88 0.00 | 29.20 1.57 0.00 | 29.47 1.64 0.00 | 30.01 1.56 0.00 | 31.42 1.72 0.00 | 32.78 1.77 0.00 | 33.67 1.85 0.00 | 34.84 2.00 0.00 | 40.60 2.37 0.00 | 46.23 3.15 0.00 | 47.04 3.16 0.00 | 43.19 2.90 0.00 | 41.50 2.61 0.00 | 34.21 2.06 0.00 | 30.00 1.67 0.00 | 26.73 1.54 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 25.84 1.62 0.00 | 23.22 1.31 0.00 | 22.94 1.30 0.00 | 22.49 1.23 0.00 | 23.32 1.28 0.00 | 23.70 1.30 0.00 | 30.31 1.77 0.00 | 32.28 1.97 0.00 | 31.65 1.88 0.00 | 29.20 1.57 0.00 | 29.47 1.64 0.00 | 30.01 1.56 0.00 | 31.42 1.72 0.00 | 32.78 1.77 0.00 | 33.67 1.85 0.00 | 34.84 2.00 0.00 | 40.60 2.37 0.00 | 46.23 3.15 0.00 | 47.04 3.16 0.00 | 43.19 2.90 0.00 | 41.50 2.61 0.00 | 34.21 2.06 0.00 | 30.00 1.67 0.00 | 26.73 1.54 0.00 |
| WHITEHAL_115KV_TB1 80871 | 26.26 2.03 0.00 | 23.75 1.84 0.00 | 23.38 1.73 0.00 | 22.94 1.68 0.00 | 23.80 1.76 0.00 | 24.28 1.88 0.00 | 31.17 2.63 0.00 | 33.04 2.73 0.00 | 32.36 2.59 0.00 | 29.83 2.21 0.00 | 30.03 2.20 0.00 | 30.64 2.19 0.00 | 31.98 2.29 0.00 | 33.31 2.30 0.00 | 34.11 2.29 0.00 | 35.36 2.53 0.00 | 41.29 3.06 0.00 | 47.31 4.22 0.00 | 48.31 4.43 0.00 | 44.36 4.07 0.00 | 42.47 3.58 0.00 | 35.02 2.86 0.00 | 30.71 2.38 0.00 | 27.31 2.12 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 26.16 1.94 0.00 | 23.47 1.56 0.00 | 23.18 1.54 0.00 | 22.72 1.47 0.00 | 23.56 1.52 0.00 | 23.94 1.55 0.00 | 30.69 2.14 0.00 | 32.68 2.36 0.00 | 32.09 2.32 0.00 | 29.59 1.96 0.00 | 29.86 2.03 0.00 | 30.44 1.99 0.00 | 31.87 2.17 0.00 | 33.28 2.26 0.00 | 34.14 2.32 0.00 | 35.33 2.50 0.00 | 41.17 2.94 0.00 | 46.87 3.79 0.00 | 47.65 3.77 0.00 | 43.76 3.47 0.00 | 42.04 3.15 0.00 | 34.60 2.44 0.00 | 30.34 2.01 0.00 | 26.98 1.79 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 29.30 1.55 -3.53 | 25.74 1.25 -2.58 | 25.50 1.26 -2.61 | 25.13 1.21 -2.66 | 24.92 1.26 -1.62 | 21.91 1.16 1.65 | 26.19 1.68 4.03 | 33.73 1.97 -1.45 | 33.08 1.82 -1.49 | 20.99 1.44 8.07 | 31.29 1.42 -2.04 | 32.09 1.37 -2.28 | 21.27 1.48 9.91 | 30.65 1.58 1.95 | 30.09 1.69 3.42 | 21.65 1.84 13.02 | 40.41 2.18 0.00 | 48.57 3.71 -1.78 | 47.52 3.64 0.00 | 43.64 3.34 0.00 | 41.81 2.92 0.00 | 35.98 2.12 -1.70 | 31.72 1.73 -1.67 | 30.25 1.46 -3.59 |
| WOODARD___115KV_TB2 355635 | 23.91 -0.31 0.00 | 21.62 -0.28 0.00 | 21.36 -0.28 0.00 | 20.98 -0.28 0.00 | 21.75 -0.29 0.00 | 22.15 -0.25 0.00 | 28.17 -0.37 0.00 | 29.92 -0.39 0.00 | 29.62 -0.15 0.00 | 27.49 -0.14 0.00 | 27.61 -0.22 0.00 | 28.30 -0.14 0.00 | 29.52 -0.18 0.00 | 30.86 -0.16 0.00 | 31.66 -0.16 0.00 | 32.57 -0.26 0.00 | 37.81 -0.42 0.00 | 42.57 -0.52 0.00 | 43.35 -0.53 0.00 | 39.85 -0.44 0.00 | 38.39 -0.51 0.00 | 31.80 -0.35 0.00 | 28.10 -0.23 0.00 | 24.92 -0.28 0.00 |
| YORK___WARBASSE 23770 | 26.24 2.01 -0.01 | 23.49 1.58 0.00 | 23.18 1.54 0.00 | 22.68 1.42 0.00 | 23.52 1.48 0.00 | 23.88 1.48 0.00 | 30.64 2.08 -0.02 | 33.60 2.30 -0.98 | 35.00 2.20 -3.03 | 34.02 1.88 -4.51 | 34.96 1.95 -5.18 | 37.03 1.91 -6.68 | 43.36 2.11 -11.55 | 43.18 2.20 -9.96 | 43.07 2.26 -8.99 | 42.91 2.43 -7.64 | 45.01 2.83 -3.96 | 46.76 3.66 -0.02 | 47.52 3.64 0.00 | 43.64 3.34 -0.01 | 42.78 3.07 -0.82 | 34.55 2.38 -0.02 | 30.38 2.04 -0.01 | 27.09 1.89 -0.01 |