

Day Ahead Market Generator LBMP

| Generator Data | | --- Marginal Cost of Losses | | | | | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | 06/04/2024 | | |
|----------------------|--------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--|--|
| Name | PTID | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 | | | |
| 59TH STREET_GT_1 | 24138 | 25.37 | 24.04 | 20.25 | 19.89 | 19.55 | 20.77 | 22.86 | 23.23 | 24.29 | 23.37 | 26.13 | 26.97 | 28.35 | 30.72 | 34.28 | 37.75 | 41.14 | 45.56 | 42.04 | 39.17 | 36.38 | 32.64 | 28.53 | 26.12 | | | |
| | | 1.55 | 1.27 | 1.25 | 1.21 | 1.12 | 1.23 | 1.52 | 1.92 | 2.19 | 1.95 | 2.25 | 2.47 | 2.57 | 2.65 | 2.73 | 3.09 | 2.91 | 3.72 | 3.11 | 2.84 | 2.72 | 2.25 | 2.01 | 1.73 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 | -0.54 | -0.33 | -0.44 | -0.57 | -0.67 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 74TH STREET_GT_1 | 24260 | 25.44 | 24.09 | 20.29 | 19.85 | 19.49 | 20.81 | 22.86 | 23.23 | 24.29 | 23.37 | 26.11 | 26.94 | 28.35 | 30.81 | 34.34 | 37.95 | 41.26 | 45.57 | 42.27 | 39.28 | 36.51 | 32.76 | 28.66 | 26.20 | | | |
| | | 1.62 | 1.32 | 1.29 | 1.18 | 1.07 | 1.27 | 1.52 | 1.92 | 2.19 | 1.95 | 2.23 | 2.44 | 2.57 | 2.74 | 2.79 | 3.30 | 3.03 | 3.72 | 3.35 | 2.94 | 2.86 | 2.37 | 2.15 | 1.80 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 | -0.54 | -0.33 | -0.44 | -0.57 | -0.67 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 74TH STREET_GT_2 | 24261 | 25.44 | 24.09 | 20.29 | 19.85 | 19.49 | 20.81 | 22.86 | 23.23 | 24.29 | 23.37 | 26.11 | 26.94 | 28.35 | 30.81 | 34.34 | 37.95 | 41.26 | 45.57 | 42.27 | 39.28 | 36.51 | 32.76 | 28.66 | 26.20 | | | |
| | | 1.62 | 1.32 | 1.29 | 1.18 | 1.07 | 1.27 | 1.52 | 1.92 | 2.19 | 1.95 | 2.23 | 2.44 | 2.57 | 2.74 | 2.79 | 3.30 | 3.03 | 3.72 | 3.35 | 2.94 | 2.86 | 2.37 | 2.15 | 1.80 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 | -0.54 | -0.33 | -0.44 | -0.57 | -0.67 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ADK HUDSON___FALLS | 24011 | 24.99 | 23.79 | 19.87 | 19.52 | 19.25 | 20.50 | 22.45 | 22.49 | 23.34 | 22.34 | 24.43 | 24.98 | 26.38 | 28.25 | 31.60 | 34.62 | 39.42 | 43.85 | 41.02 | 38.84 | 36.04 | 32.49 | 28.21 | 25.83 | | | |
| | | 1.17 | 1.02 | 0.87 | 0.84 | 0.83 | 0.96 | 1.11 | 1.17 | 1.24 | 0.92 | 0.92 | 1.17 | 1.27 | 1.08 | 1.21 | 1.33 | 1.19 | 2.01 | 2.10 | 2.51 | 2.39 | 2.10 | 1.70 | 1.44 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.15 | 0.34 | 0.46 | 0.59 | 0.69 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ADK RESOURCE___RCVRY | 23798 | 25.11 | 23.88 | 19.95 | 19.65 | 19.40 | 20.60 | 22.56 | 22.57 | 23.48 | 22.45 | 24.53 | 25.10 | 26.54 | 28.39 | 31.73 | 34.80 | 39.69 | 44.10 | 41.30 | 39.13 | 36.28 | 32.70 | 28.40 | 25.98 | | | |
| | | 1.29 | 1.12 | 0.95 | 0.97 | 0.98 | 1.05 | 1.22 | 1.26 | 1.37 | 1.03 | 1.02 | 1.29 | 1.42 | 1.21 | 1.33 | 1.49 | 1.45 | 2.26 | 2.37 | 2.80 | 2.63 | 2.31 | 1.88 | 1.58 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.15 | 0.34 | 0.45 | 0.58 | 0.68 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ADK S GLENS___FALLS | 24028 | 24.99 | 23.79 | 19.87 | 19.52 | 19.25 | 20.50 | 22.45 | 22.49 | 23.34 | 22.34 | 24.43 | 24.98 | 26.38 | 28.25 | 31.60 | 34.62 | 39.42 | 43.85 | 41.02 | 38.84 | 36.04 | 32.49 | 28.21 | 25.83 | | | |
| | | 1.17 | 1.02 | 0.87 | 0.84 | 0.83 | 0.96 | 1.11 | 1.17 | 1.24 | 0.92 | 0.92 | 1.17 | 1.27 | 1.08 | 1.21 | 1.33 | 1.19 | 2.01 | 2.10 | 2.51 | 2.39 | 2.10 | 1.70 | 1.44 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.15 | 0.34 | 0.46 | 0.59 | 0.69 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ADK_NYS___DAM | 23527 | 24.68 | 23.48 | 19.70 | 19.50 | 19.21 | 20.36 | 22.28 | 22.36 | 23.14 | 22.24 | 24.09 | 24.59 | 25.70 | 27.70 | 30.78 | 33.75 | 39.35 | 43.47 | 40.63 | 38.19 | 35.33 | 31.79 | 27.71 | 25.51 | | | |
| | | 0.86 | 0.71 | 0.70 | 0.82 | 0.79 | 0.82 | 0.94 | 1.04 | 1.04 | 0.81 | 0.78 | 0.96 | 0.94 | 0.99 | 0.99 | 1.16 | 1.11 | 1.63 | 1.71 | 1.85 | 1.68 | 1.40 | 1.19 | 1.12 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.39 | 0.32 | 0.70 | 0.93 | 1.19 | 1.39 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| AIR_PRODUCTS___DRP | 24190 | 23.97 | 22.84 | 19.24 | 18.90 | 18.63 | 19.76 | 21.64 | 21.74 | 22.52 | 21.68 | 23.74 | 24.18 | 25.46 | 27.55 | 30.74 | 33.82 | 38.35 | 42.26 | 39.43 | 36.92 | 34.26 | 30.82 | 26.86 | 24.66 | | | |
| | | 0.14 | 0.07 | 0.25 | 0.22 | 0.20 | 0.21 | 0.30 | 0.43 | 0.42 | 0.26 | 0.19 | 0.34 | 0.28 | 0.28 | 0.22 | 0.37 | 0.11 | 0.42 | 0.51 | 0.58 | 0.61 | 0.43 | 0.34 | 0.27 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.11 | 0.27 | 0.36 | 0.46 | 0.54 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| AKWESSNE_115KV_BK | 355683 | 23.25 | 22.45 | 18.50 | 18.36 | 18.11 | 19.05 | 20.81 | 20.74 | 21.49 | 20.97 | 23.20 | 23.24 | 24.66 | 26.74 | 29.86 | 32.80 | 37.53 | 40.54 | 37.68 | 34.95 | 32.41 | 29.54 | 25.69 | 23.66 | | | |
| | | -0.57 | -0.32 | -0.49 | -0.32 | -0.31 | -0.49 | -0.53 | -0.58 | -0.62 | -0.45 | -0.50 | -0.72 | -0.79 | -0.88 | -1.12 | -1.19 | -0.77 | -1.30 | -1.25 | -1.38 | -1.25 | -0.85 | -0.82 | -0.73 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 24.49 | 23.34 | 19.60 | 19.31 | 19.05 | 20.15 | 22.02 | 22.00 | 22.72 | 21.79 | 23.88 | 24.30 | 25.66 | 27.78 | 31.08 | 34.25 | 38.81 | 42.93 | 40.17 | 37.68 | 34.96 | 31.45 | 27.42 | 25.17 | | | |
| | | 0.67 | 0.57 | 0.61 | 0.64 | 0.63 | 0.61 | 0.68 | 0.68 | 0.62 | 0.36 | 0.29 | 0.41 | 0.38 | 0.39 | 0.40 | 0.61 | 0.58 | 1.09 | 1.25 | 1.35 | 1.31 | 1.06 | 0.90 | 0.78 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.06 | 0.18 | 0.23 | 0.30 | 0.35 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ALBANY_2_SOLAR | 323834 | 24.49 | 23.31 | 19.60 | 19.31 | 19.05 | 20.13 | 22.00 | 22.00 | 22.72 | 21.79 | 23.88 | 24.30 | 25.66 | 27.78 | 31.08 | 34.25 | 38.81 | 42.93 | 40.17 | 37.68 | 34.96 | 31.45 | 27.42 | 25.17 | | | |
| | | 0.67 | 0.55 | 0.61 | 0.64 | 0.63 | 0.59 | 0.66 | 0.68 | 0.62 | 0.36 | 0.29 | 0.41 | 0.38 | 0.39 | 0.40 | 0.61 | 0.58 | 1.09 | 1.25 | 1.35 | 1.31 | 1.06 | 0.90 | 0.78 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.06 | 0.18 | 0.23 | 0.30 | 0.35 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| ALBANY___1 | 23571 | 23.97 | 22.84 | 19.24 | 18.90 | 18.63 | 19.76 | 21.64 | 21.74 | 22.52 | 21.68 | 23.74 | 24.18 | 25.46 | 27.55 | 30.74 | 33.82 | 38.35 | 42.26 | 39.43 | 36.92 | 34.26 | 30.82 | 26.86 | 24.66 | | | |
| | | 0.14 | 0.07 | 0.25 | 0.22 | 0.20 | 0.21 | 0.30 | 0.43 | 0.42 | 0.26 | 0.19 | 0.34 | 0.28 | 0.28 | 0.22 | 0.37 | 0.11 | 0.42 | 0.51 | 0.58 | 0.61 | 0.43 | 0.34 | 0.27 | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.11 | 0.27 | 0.36 | 0.46 | 0.54 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 23.97 0.14 0.00 | 22.84 0.07 0.00 | 19.24 0.25 0.00 | 18.90 0.22 0.00 | 18.63 0.20 0.00 | 19.76 0.21 0.00 | 21.64 0.30 0.00 | 21.74 0.43 0.00 | 22.52 0.42 0.00 | 21.68 0.26 0.00 | 23.74 0.19 0.15 | 24.18 0.34 0.11 | 25.46 0.28 0.27 | 27.55 0.28 0.36 | 30.74 0.22 0.46 | 33.82 0.37 0.54 | 38.35 0.11 0.05 | 42.26 0.42 0.00 | 39.43 0.51 0.00 | 36.92 0.58 0.00 | 34.26 0.61 0.00 | 30.82 0.43 0.00 | 26.86 0.34 0.00 | 24.66 0.27 0.00 |
| ALBANY___3 23573 | 23.97 0.14 0.00 | 22.84 0.07 0.00 | 19.24 0.25 0.00 | 18.90 0.22 0.00 | 18.63 0.20 0.00 | 19.76 0.21 0.00 | 21.64 0.30 0.00 | 21.74 0.43 0.00 | 22.52 0.42 0.00 | 21.68 0.26 0.00 | 23.74 0.19 0.15 | 24.18 0.34 0.11 | 25.46 0.28 0.27 | 27.55 0.28 0.36 | 30.74 0.22 0.46 | 33.82 0.37 0.54 | 38.35 0.11 0.05 | 42.26 0.42 0.00 | 39.43 0.51 0.00 | 36.92 0.58 0.00 | 34.26 0.61 0.00 | 30.82 0.43 0.00 | 26.86 0.34 0.00 | 24.66 0.27 0.00 |
| ALBANY___4 23574 | 23.97 0.14 0.00 | 22.84 0.07 0.00 | 19.24 0.25 0.00 | 18.90 0.22 0.00 | 18.63 0.20 0.00 | 19.76 0.21 0.00 | 21.64 0.30 0.00 | 21.74 0.43 0.00 | 22.52 0.42 0.00 | 21.68 0.26 0.00 | 23.74 0.19 0.15 | 24.18 0.34 0.11 | 25.46 0.28 0.27 | 27.55 0.28 0.36 | 30.74 0.22 0.46 | 33.82 0.37 0.54 | 38.35 0.11 0.05 | 42.26 0.42 0.00 | 39.43 0.51 0.00 | 36.92 0.58 0.00 | 34.26 0.61 0.00 | 30.82 0.43 0.00 | 26.86 0.34 0.00 | 24.66 0.27 0.00 |
| ALBANY___LFGE 323615 | 24.23 0.40 0.00 | 23.06 0.30 0.00 | 19.41 0.42 0.00 | 19.14 0.47 0.00 | 18.86 0.44 0.00 | 19.95 0.41 0.00 | 21.83 0.49 0.00 | 21.93 0.62 0.00 | 22.75 0.64 0.00 | 21.87 0.45 0.00 | 23.96 0.43 0.16 | 24.41 0.57 0.12 | 25.70 0.54 0.29 | 27.79 0.55 0.39 | 31.04 0.56 0.50 | 34.12 0.71 0.58 | 38.81 0.58 0.06 | 42.80 0.96 0.00 | 39.90 0.97 0.00 | 37.39 1.05 0.00 | 34.66 1.01 0.00 | 31.15 0.76 0.00 | 27.15 0.64 0.00 | 24.93 0.54 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 23.11 -0.71 0.00 | 22.36 -0.41 0.00 | 18.43 -0.57 0.00 | 18.55 -0.13 0.00 | 18.29 -0.13 0.00 | 18.98 -0.57 0.00 | 20.72 -0.62 0.00 | 20.63 -0.68 0.00 | 21.33 -0.77 0.00 | 20.80 -0.62 0.00 | 23.01 -0.69 0.00 | 23.02 -0.93 0.00 | 24.46 -0.99 0.00 | 26.50 -1.13 0.00 | 29.55 -1.43 0.00 | 32.46 -1.53 0.00 | 37.76 -0.54 0.00 | 40.80 -1.05 0.00 | 37.91 -1.01 0.00 | 34.70 -1.64 0.00 | 32.21 -1.45 0.00 | 29.36 -1.03 0.00 | 25.53 -0.98 0.00 | 23.56 -0.83 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 23.11 -0.71 0.00 | 22.36 -0.41 0.00 | 18.43 -0.57 0.00 | 18.55 -0.13 0.00 | 18.29 -0.13 0.00 | 18.98 -0.57 0.00 | 20.72 -0.62 0.00 | 20.63 -0.68 0.00 | 21.33 -0.77 0.00 | 20.80 -0.62 0.00 | 23.01 -0.69 0.00 | 23.02 -0.93 0.00 | 24.46 -0.99 0.00 | 26.50 -1.13 0.00 | 29.55 -1.43 0.00 | 32.46 -1.53 0.00 | 37.76 -0.54 0.00 | 40.80 -1.05 0.00 | 37.91 -1.01 0.00 | 34.70 -1.64 0.00 | 32.21 -1.45 0.00 | 29.36 -1.03 0.00 | 25.53 -0.98 0.00 | 23.56 -0.83 0.00 |
| ALCOA___DSASP 323711 | 23.11 -0.71 0.00 | 22.36 -0.41 0.00 | 18.43 -0.57 0.00 | 18.08 -0.60 0.00 | 17.83 -0.59 0.00 | 18.98 -0.57 0.00 | 20.72 -0.62 0.00 | 20.61 -0.70 0.00 | 21.33 -0.77 0.00 | 20.80 -0.62 0.00 | 23.01 -0.69 0.00 | 23.02 -0.93 0.00 | 24.46 -0.99 0.00 | 26.49 -1.13 0.00 | 29.59 -1.39 0.00 | 32.56 -1.43 0.00 | 37.76 -0.54 0.00 | 40.80 -1.04 0.00 | 37.99 -0.93 0.00 | 34.70 -1.63 0.00 | 32.17 -1.48 0.00 | 29.33 -1.06 0.00 | 25.56 -0.95 0.00 | 23.54 -0.85 0.00 |
| ALLEGHENY___COGEN 23514 | 25.11 1.29 0.00 | 23.63 0.86 0.00 | 19.93 0.93 0.00 | 19.50 0.82 0.00 | 19.34 0.92 0.00 | 20.66 1.11 0.00 | 22.45 1.11 0.00 | 22.51 1.19 0.00 | 22.92 0.82 0.00 | 21.91 0.49 0.00 | 24.31 0.62 0.00 | 24.77 0.81 0.00 | 26.32 0.87 0.00 | 28.70 1.08 0.00 | 31.82 0.84 0.00 | 34.84 0.85 0.00 | 39.76 1.19 -0.28 | 44.06 2.22 0.00 | 41.34 2.41 0.00 | 39.28 2.94 0.00 | 36.24 2.59 0.00 | 31.91 1.52 0.00 | 28.82 2.31 0.00 | 26.24 1.85 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 24.30 0.48 0.00 | 23.13 0.36 0.00 | 19.45 0.46 0.00 | 19.11 0.43 0.00 | 18.83 0.41 0.00 | 19.99 0.45 0.00 | 21.85 0.51 0.00 | 21.93 0.62 0.00 | 22.77 0.66 0.00 | 21.91 0.49 0.00 | 24.09 0.50 0.10 | 24.54 0.65 0.06 | 25.91 0.64 0.18 | 28.06 0.66 0.24 | 31.36 0.68 0.30 | 34.48 0.85 0.36 | 38.93 0.69 0.05 | 42.89 1.05 0.00 | 39.97 1.05 0.00 | 37.42 1.09 0.00 | 34.70 1.04 0.00 | 31.21 0.82 0.00 | 27.23 0.72 0.00 | 25.00 0.61 0.00 |
| ALTONA_WT_PWR 323606 | 24.06 0.24 0.00 | 23.22 0.46 0.00 | 19.17 0.17 0.00 | 18.83 0.15 0.00 | 18.57 0.15 0.00 | 19.80 0.25 0.00 | 21.66 0.32 0.00 | 21.25 -0.06 0.00 | 22.04 -0.07 0.00 | 21.46 0.04 0.00 | 23.74 0.05 0.00 | 23.76 -0.19 0.00 | 25.30 -0.15 0.00 | 27.41 -0.22 0.00 | 30.64 -0.34 0.00 | 33.71 -0.27 0.00 | 38.48 0.19 0.00 | 41.05 -0.80 0.00 | 38.73 -0.19 0.00 | 35.97 -0.36 0.00 | 33.21 -0.44 0.00 | 30.15 -0.24 0.00 | 26.20 -0.32 0.00 | 24.46 0.07 0.00 |
| AMERICAN_REF_FUEL 24010 | 23.61 -0.21 0.00 | 22.18 -0.59 0.00 | 18.90 -0.09 0.00 | 18.43 -0.24 0.00 | 18.31 -0.11 0.00 | 19.45 -0.10 0.00 | 21.08 -0.26 0.00 | 21.10 -0.21 0.00 | 21.71 -0.40 0.00 | 21.04 -0.38 0.00 | 23.60 -0.09 0.00 | 24.03 0.07 0.00 | 25.65 0.20 0.00 | 28.24 0.61 0.00 | 32.78 1.80 0.00 | 35.62 1.63 0.00 | 40.35 1.80 -0.25 | 44.44 2.60 0.00 | 40.94 2.02 0.00 | 38.19 1.85 0.00 | 35.07 1.41 0.00 | 30.69 0.30 0.00 | 27.05 0.53 0.00 | 24.81 0.41 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 24.78 0.95 0.00 | 23.20 0.43 0.00 | 19.81 0.82 0.00 | 19.29 0.62 0.00 | 19.16 0.74 0.00 | 20.36 0.82 0.00 | 22.15 0.81 0.00 | 22.55 1.24 0.00 | 23.21 1.10 0.00 | 22.60 1.18 0.00 | 25.47 1.78 0.00 | 25.97 2.01 0.00 | 27.54 2.09 0.00 | 30.42 2.79 0.00 | 35.16 4.18 0.00 | 38.27 4.28 0.00 | 42.76 4.17 -0.29 | 47.36 5.52 0.00 | 43.59 4.67 0.00 | 40.66 4.32 0.00 | 37.19 3.53 0.00 | 32.58 2.19 0.00 | 28.56 2.04 0.00 | 25.93 1.54 0.00 |
| ARTHUR KILL_GT_1 23520 | 25.45 1.62 -0.01 | 24.24 1.46 -0.01 | 20.28 1.27 -0.01 | 19.89 1.21 0.00 | 19.51 1.09 0.00 | 20.62 1.07 0.00 | 22.59 1.26 0.01 | 22.92 1.62 0.01 | 24.02 1.92 0.01 | 23.11 1.69 0.01 | 25.86 1.99 -0.18 | 26.72 2.23 -0.54 | 28.17 2.39 -0.32 | 30.55 2.49 -0.43 | 34.08 2.54 -0.56 | 37.64 2.99 -0.66 | 40.94 2.72 0.07 | 45.30 3.47 0.01 | 41.83 2.92 0.01 | 38.91 2.58 0.01 | 36.27 2.63 0.01 | 32.42 2.04 0.01 | 28.51 1.99 -0.01 | 26.07 1.68 0.00 |
| ARTHUR_KILL_2 23512 | 25.38 1.55 -0.01 | 24.17 1.39 -0.01 | 20.22 1.22 -0.01 | 19.84 1.16 0.00 | 19.45 1.03 0.00 | 20.56 1.02 0.00 | 22.53 1.19 0.01 | 22.86 1.56 0.01 | 23.93 1.83 0.01 | 23.04 1.63 0.01 | 25.77 1.90 -0.18 | 26.65 2.16 -0.54 | 28.07 2.29 -0.32 | 30.44 2.38 -0.43 | 33.96 2.42 -0.56 | 37.46 2.82 -0.66 | 40.79 2.57 0.07 | 45.14 3.30 0.01 | 41.68 2.76 0.01 | 38.76 2.43 0.01 | 36.10 2.46 0.01 | 32.30 1.92 0.01 | 28.41 1.88 -0.01 | 26.00 1.61 0.00 |
| ARTHUR_KILL_3 23513 | 25.18 1.36 0.00 | 23.84 1.07 0.00 | 20.10 1.10 0.00 | 19.76 1.08 0.00 | 19.42 0.99 0.00 | 20.66 1.11 0.00 | 22.69 1.35 0.00 | 23.06 1.75 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.78 2.28 -0.54 | 28.15 2.37 -0.33 | 30.50 2.43 -0.44 | 34.03 2.48 -0.57 | 37.41 2.75 -0.67 | 40.69 2.45 0.06 | 45.06 3.22 0.00 | 41.61 2.68 0.00 | 38.73 2.40 0.00 | 36.04 2.39 0.00 | 32.43 2.04 0.00 | 28.37 1.86 0.00 | 25.95 1.56 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|
| ARTHUR_KILL_COGEN 323718 | 25.45 1.62 -0.01 | 24.24 1.46 -0.01 | 20.28 1.27 -0.01 | 19.89 1.21 0.00 | 19.51 1.09 0.00 | 20.62 1.07 0.00 | 22.59 1.26 0.01 | 22.92 1.62 0.01 | 24.02 1.92 0.01 | 23.11 1.69 0.01 | 25.86 1.99 -0.18 | 26.72 2.23 -0.54 | 28.17 2.39 -0.32 | 30.55 2.49 -0.43 | 34.08 2.54 -0.56 | 37.64 2.99 -0.66 | 40.94 2.72 0.07 | 45.30 3.47 0.01 | 41.83 2.92 0.01 | 38.91 2.58 0.01 | 36.27 2.63 0.01 | 32.42 2.04 0.01 | 28.51 1.99 -0.01 | 26.07 1.68 0.00 |
| ASHOKAN____ 23654 | 24.94 1.12 0.00 | 23.66 0.89 0.00 | 19.89 0.89 0.00 | 19.57 0.90 0.00 | 19.27 0.85 0.00 | 20.33 0.78 0.00 | 22.24 0.90 0.00 | 22.10 0.79 0.00 | 22.90 0.79 0.00 | 21.87 0.45 0.00 | 24.79 1.09 0.00 | 25.22 1.24 -0.02 | 26.77 1.32 0.00 | 29.15 1.52 0.00 | 32.59 1.61 0.00 | 36.03 2.04 0.00 | 39.42 1.19 0.06 | 43.64 1.80 0.00 | 40.71 1.79 0.00 | 38.33 2.00 0.00 | 35.57 1.92 0.00 | 31.85 1.46 0.00 | 27.76 1.25 0.00 | 25.49 1.10 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 25.45 1.62 -0.01 | 24.07 1.30 -0.01 | 20.31 1.31 -0.01 | 19.96 1.27 -0.01 | 19.63 1.20 -0.01 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.12 1.81 0.00 | 24.14 2.03 0.00 | 23.22 1.80 0.00 | 25.94 2.06 -0.18 | 26.79 2.30 -0.54 | 28.25 2.47 -0.33 | 30.59 2.51 -0.44 | 34.09 2.54 -0.57 | 37.50 2.86 -0.66 | 40.79 2.57 0.07 | 45.10 3.27 0.01 | 41.64 2.72 0.01 | 38.76 2.43 0.01 | 36.24 2.59 0.00 | 32.49 2.10 0.00 | 28.67 2.15 -0.01 | 26.23 1.83 -0.01 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 25.45 1.62 -0.01 | 24.07 1.30 -0.01 | 20.31 1.31 -0.01 | 19.96 1.27 -0.01 | 19.63 1.20 -0.01 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.12 1.81 0.00 | 24.14 2.03 0.00 | 23.22 1.80 0.00 | 25.94 2.06 -0.18 | 26.79 2.30 -0.54 | 28.25 2.47 -0.33 | 30.59 2.51 -0.44 | 34.09 2.54 -0.57 | 37.50 2.86 -0.66 | 40.79 2.57 0.07 | 45.10 3.27 0.01 | 41.64 2.72 0.01 | 38.76 2.43 0.01 | 36.24 2.59 0.00 | 32.49 2.10 0.00 | 28.67 2.15 -0.01 | 26.23 1.83 -0.01 |
| ASTORIA_GT2_1 24094 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.88 1.20 -0.01 | 19.51 1.09 0.00 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.15 1.83 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.91 2.68 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.88 2.54 0.00 | 36.18 2.52 0.00 | 32.58 2.19 0.00 | 28.78 2.25 -0.01 | 26.27 1.88 0.00 |
| ASTORIA_GT2_2 24095 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.88 1.20 -0.01 | 19.51 1.09 0.00 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.15 1.83 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.91 2.68 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.88 2.54 0.00 | 36.18 2.52 0.00 | 32.58 2.19 0.00 | 28.78 2.25 -0.01 | 26.27 1.88 0.00 |
| ASTORIA_GT2_3 24096 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.88 1.20 -0.01 | 19.51 1.09 0.00 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.15 1.83 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.91 2.68 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.88 2.54 0.00 | 36.18 2.52 0.00 | 32.58 2.19 0.00 | 28.78 2.25 -0.01 | 26.27 1.88 0.00 |
| ASTORIA_GT2_4 24097 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.88 1.20 -0.01 | 19.51 1.09 0.00 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.15 1.83 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.91 2.68 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.88 2.54 0.00 | 36.18 2.52 0.00 | 32.58 2.19 0.00 | 28.78 2.25 -0.01 | 26.27 1.88 0.00 |
| ASTORIA_GT3_1 24098 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.88 1.20 -0.01 | 19.51 1.09 0.00 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.15 1.83 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.91 2.68 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.88 2.54 0.00 | 36.18 2.52 0.00 | 32.58 2.19 0.00 | 28.78 2.25 -0.01 | 26.27 1.88 0.00 |
| ASTORIA_GT3_2 24099 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.88 1.20 -0.01 | 19.51 1.09 0.00 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.15 1.83 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.91 2.68 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.88 2.54 0.00 | 36.18 2.52 0.00 | 32.58 2.19 0.00 | 28.78 2.25 -0.01 | 26.27 1.88 0.00 |
| ASTORIA_GT3_3 24100 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.88 1.20 -0.01 | 19.51 1.09 0.00 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.15 1.83 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.91 2.68 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.88 2.54 0.00 | 36.18 2.52 0.00 | 32.58 2.19 0.00 | 28.78 2.25 -0.01 | 26.27 1.88 0.00 |
| ASTORIA_GT3_4 24101 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.88 1.20 -0.01 | 19.51 1.09 0.00 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.15 1.83 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.91 2.68 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.88 2.54 0.00 | 36.18 2.52 0.00 | 32.58 2.19 0.00 | 28.78 2.25 -0.01 | 26.27 1.88 0.00 |
| ASTORIA_GT4_1 24102 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.88 1.20 -0.01 | 19.51 1.09 0.00 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.15 1.83 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.91 2.68 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.88 2.54 0.00 | 36.18 2.52 0.00 | 32.58 2.19 0.00 | 28.78 2.25 -0.01 | 26.27 1.88 0.00 |
| ASTORIA_GT4_2 24103 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.88 1.20 -0.01 | 19.51 1.09 0.00 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.15 1.83 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.91 2.68 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.88 2.54 0.00 | 36.18 2.52 0.00 | 32.58 2.19 0.00 | 28.78 2.25 -0.01 | 26.27 1.88 0.00 |
| ASTORIA_GT4_3 24104 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.88 1.20 -0.01 | 19.51 1.09 0.00 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.15 1.83 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.91 2.68 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.88 2.54 0.00 | 36.18 2.52 0.00 | 32.58 2.19 0.00 | 28.78 2.25 -0.01 | 26.27 1.88 0.00 |

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|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|
| ASTORIA_GT4_4 24105 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.88 1.20 -0.01 | 19.51 1.09 0.00 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.15 1.83 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.91 2.68 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.88 2.54 0.00 | 36.18 2.52 0.00 | 32.58 2.19 0.00 | 28.78 2.25 -0.01 | 26.27 1.88 0.00 |
| ASTORIA_GT_1 23523 | 25.50 1.67 -0.01 | 24.12 1.34 -0.01 | 20.35 1.35 -0.01 | 19.99 1.31 -0.01 | 19.66 1.23 -0.01 | 20.88 1.33 -0.01 | 22.88 1.54 0.00 | 23.17 1.85 0.00 | 24.18 2.08 0.00 | 23.28 1.86 0.00 | 26.01 2.13 -0.18 | 26.84 2.35 -0.54 | 28.33 2.54 -0.33 | 30.67 2.60 -0.44 | 34.18 2.63 -0.57 | 37.64 2.99 -0.66 | 40.91 2.68 0.07 | 45.22 3.39 0.01 | 41.75 2.84 0.01 | 38.87 2.54 0.01 | 36.35 2.69 0.00 | 32.58 2.19 0.00 | 28.75 2.23 -0.01 | 26.28 1.88 -0.01 |
| ASTORIA_GT_10 24110 | 25.40 1.57 -0.01 | 24.05 1.28 -0.01 | 20.28 1.27 -0.01 | 19.82 1.14 0.00 | 19.45 1.03 0.00 | 20.75 1.21 0.00 | 22.77 1.43 0.00 | 23.13 1.81 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.23 2.44 -0.33 | 30.64 2.57 -0.44 | 34.15 2.60 -0.57 | 37.68 3.02 -0.67 | 40.95 2.72 0.06 | 45.15 3.31 0.00 | 41.92 3.00 0.00 | 38.91 2.58 0.00 | 36.21 2.56 0.00 | 32.55 2.16 0.00 | 28.62 2.09 -0.01 | 26.15 1.76 0.00 |
| ASTORIA_GT_11 24225 | 25.40 1.57 -0.01 | 24.05 1.28 -0.01 | 20.28 1.27 -0.01 | 19.82 1.14 0.00 | 19.45 1.03 0.00 | 20.75 1.21 0.00 | 22.77 1.43 0.00 | 23.13 1.81 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.23 2.44 -0.33 | 30.64 2.57 -0.44 | 34.15 2.60 -0.57 | 37.68 3.02 -0.67 | 40.95 2.72 0.06 | 45.15 3.31 0.00 | 41.92 3.00 0.00 | 38.91 2.58 0.00 | 36.21 2.56 0.00 | 32.55 2.16 0.00 | 28.62 2.09 -0.01 | 26.15 1.76 0.00 |
| ASTORIA_GT_12 24226 | 25.40 1.57 -0.01 | 24.05 1.28 -0.01 | 20.28 1.27 -0.01 | 19.82 1.14 0.00 | 19.45 1.03 0.00 | 20.75 1.21 0.00 | 22.77 1.43 0.00 | 23.13 1.81 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.23 2.44 -0.33 | 30.64 2.57 -0.44 | 34.15 2.60 -0.57 | 37.68 3.02 -0.67 | 40.95 2.72 0.06 | 45.15 3.31 0.00 | 41.92 3.00 0.00 | 38.91 2.58 0.00 | 36.21 2.56 0.00 | 32.55 2.16 0.00 | 28.62 2.09 -0.01 | 26.15 1.76 0.00 |
| ASTORIA_GT_13 24227 | 25.40 1.57 -0.01 | 24.05 1.28 -0.01 | 20.28 1.27 -0.01 | 19.82 1.14 0.00 | 19.45 1.03 0.00 | 20.75 1.21 0.00 | 22.77 1.43 0.00 | 23.13 1.81 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.23 2.44 -0.33 | 30.64 2.57 -0.44 | 34.15 2.60 -0.57 | 37.68 3.02 -0.67 | 40.95 2.72 0.06 | 45.15 3.31 0.00 | 41.92 3.00 0.00 | 38.91 2.58 0.00 | 36.21 2.56 0.00 | 32.55 2.16 0.00 | 28.62 2.09 -0.01 | 26.15 1.76 0.00 |
| ASTORIA_GT_5 24106 | 25.50 1.67 -0.01 | 24.12 1.34 -0.01 | 20.35 1.35 -0.01 | 19.92 1.23 -0.01 | 19.53 1.11 0.00 | 20.88 1.33 -0.01 | 22.88 1.54 0.00 | 23.19 1.88 0.00 | 24.18 2.08 0.00 | 23.29 1.86 0.00 | 26.01 2.13 -0.18 | 26.85 2.35 -0.54 | 28.33 2.55 -0.33 | 30.72 2.65 -0.44 | 34.21 2.66 -0.57 | 37.75 3.09 -0.67 | 40.99 2.76 0.06 | 45.19 3.35 0.00 | 42.00 3.07 0.00 | 38.99 2.65 0.00 | 36.28 2.62 0.00 | 32.64 2.25 0.00 | 28.83 2.31 -0.01 | 26.32 1.93 0.00 |
| ASTORIA_GT_7 24107 | 25.50 1.67 -0.01 | 24.12 1.34 -0.01 | 20.35 1.35 -0.01 | 19.92 1.23 -0.01 | 19.53 1.11 0.00 | 20.88 1.33 -0.01 | 22.88 1.54 0.00 | 23.19 1.88 0.00 | 24.18 2.08 0.00 | 23.29 1.86 0.00 | 26.01 2.13 -0.18 | 26.85 2.35 -0.54 | 28.33 2.55 -0.33 | 30.72 2.65 -0.44 | 34.21 2.66 -0.57 | 37.75 3.09 -0.67 | 40.99 2.76 0.06 | 45.19 3.35 0.00 | 42.00 3.07 0.00 | 38.99 2.65 0.00 | 36.28 2.62 0.00 | 32.64 2.25 0.00 | 28.83 2.31 -0.01 | 26.32 1.93 0.00 |
| ASTORIA_GT_8 24108 | 25.50 1.67 -0.01 | 24.12 1.34 -0.01 | 20.35 1.35 -0.01 | 19.92 1.23 -0.01 | 19.53 1.11 0.00 | 20.88 1.33 -0.01 | 22.88 1.54 0.00 | 23.19 1.88 0.00 | 24.18 2.08 0.00 | 23.29 1.86 0.00 | 26.01 2.13 -0.18 | 26.85 2.35 -0.54 | 28.33 2.55 -0.33 | 30.72 2.65 -0.44 | 34.21 2.66 -0.57 | 37.75 3.09 -0.67 | 40.99 2.76 0.06 | 45.19 3.35 0.00 | 42.00 3.07 0.00 | 38.99 2.65 0.00 | 36.28 2.62 0.00 | 32.64 2.25 0.00 | 28.83 2.31 -0.01 | 26.32 1.93 0.00 |
| ASTORIA___2 24149 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.97 1.29 -0.01 | 19.63 1.20 -0.01 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.12 1.81 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.79 2.30 -0.54 | 28.28 2.50 -0.33 | 30.61 2.54 -0.44 | 34.09 2.54 -0.57 | 37.53 2.89 -0.66 | 40.79 2.57 0.07 | 45.14 3.30 0.01 | 41.64 2.72 0.01 | 38.80 2.47 0.01 | 36.28 2.63 0.00 | 32.52 2.13 0.00 | 28.70 2.17 -0.01 | 26.23 1.83 -0.01 |
| ASTORIA___3 23516 | 25.40 1.57 -0.01 | 24.05 1.27 -0.01 | 20.28 1.27 -0.01 | 19.91 1.23 0.00 | 19.55 1.12 0.00 | 20.75 1.21 0.00 | 22.77 1.43 0.00 | 23.10 1.79 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.82 2.32 -0.54 | 28.25 2.47 -0.33 | 30.61 2.54 -0.44 | 34.12 2.57 -0.57 | 37.58 2.92 -0.67 | 40.84 2.61 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.84 2.51 0.00 | 36.21 2.56 0.00 | 32.49 2.10 0.00 | 28.54 2.01 -0.01 | 26.12 1.73 0.00 |
| ASTORIA___4 23517 | 25.40 1.57 -0.01 | 24.05 1.28 -0.01 | 20.28 1.27 -0.01 | 19.82 1.14 0.00 | 19.45 1.03 0.00 | 20.75 1.21 0.00 | 22.77 1.43 0.00 | 23.13 1.81 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.23 2.44 -0.33 | 30.64 2.57 -0.44 | 34.15 2.60 -0.57 | 37.68 3.02 -0.67 | 40.95 2.72 0.06 | 45.15 3.31 0.00 | 41.92 3.00 0.00 | 38.91 2.58 0.00 | 36.21 2.56 0.00 | 32.55 2.16 0.00 | 28.62 2.09 -0.01 | 26.15 1.76 0.00 |
| ASTORIA___5 23518 | 25.40 1.57 -0.01 | 24.05 1.27 -0.01 | 20.28 1.27 -0.01 | 19.91 1.23 0.00 | 19.55 1.12 0.00 | 20.75 1.21 0.00 | 22.77 1.43 0.00 | 23.10 1.79 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.82 2.32 -0.54 | 28.25 2.47 -0.33 | 30.61 2.54 -0.44 | 34.12 2.57 -0.57 | 37.58 2.92 -0.67 | 40.84 2.61 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.84 2.51 0.00 | 36.21 2.56 0.00 | 32.49 2.10 0.00 | 28.54 2.01 -0.01 | 26.12 1.73 0.00 |
| AST_ENERGY_2_CC3 323677 | 25.23 1.41 0.00 | 23.91 1.14 0.00 | 20.14 1.14 0.00 | 19.80 1.12 0.00 | 19.45 1.03 0.00 | 20.66 1.11 0.00 | 22.69 1.35 0.00 | 23.04 1.73 0.00 | 24.09 1.99 0.00 | 23.18 1.76 0.00 | 25.89 2.01 -0.18 | 26.73 2.23 -0.54 | 28.12 2.34 -0.33 | 30.47 2.40 -0.44 | 34.00 2.45 -0.57 | 37.41 2.75 -0.67 | 40.76 2.53 0.06 | 45.11 3.27 0.00 | 41.65 2.72 0.00 | 38.81 2.47 0.00 | 36.11 2.46 0.00 | 32.43 2.04 0.00 | 28.37 1.86 0.00 | 25.98 1.58 0.00 |
| AST_ENERGY_2_CC4 323678 | 25.23 1.41 0.00 | 23.91 1.14 0.00 | 20.14 1.14 0.00 | 19.80 1.12 0.00 | 19.45 1.03 0.00 | 20.66 1.11 0.00 | 22.69 1.35 0.00 | 23.04 1.73 0.00 | 24.09 1.99 0.00 | 23.18 1.76 0.00 | 25.89 2.01 -0.18 | 26.73 2.23 -0.54 | 28.12 2.34 -0.33 | 30.47 2.40 -0.44 | 34.00 2.45 -0.57 | 37.41 2.75 -0.67 | 40.76 2.53 0.06 | 45.11 3.27 0.00 | 41.65 2.72 0.00 | 38.81 2.47 0.00 | 36.11 2.46 0.00 | 32.43 2.04 0.00 | 28.37 1.86 0.00 | 25.98 1.58 0.00 |

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| ATHENS_STG_1 23668 | 24.47 0.64 0.00 | 23.25 0.48 0.00 | 19.59 0.59 0.00 | 19.27 0.60 0.00 | 18.99 0.57 0.00 | 20.11 0.57 0.00 | 21.98 0.64 0.00 | 22.12 0.81 0.00 | 23.01 0.91 0.00 | 22.17 0.75 0.00 | 24.59 0.83 -0.07 | 25.04 0.98 -0.11 | 26.57 0.99 -0.13 | 28.82 1.02 -0.17 | 32.22 1.02 -0.22 | 35.43 1.19 -0.25 | 39.27 1.03 0.05 | 43.26 1.42 0.00 | 40.25 1.32 0.00 | 37.61 1.27 0.00 | 34.90 1.25 0.00 | 31.39 1.00 0.00 | 27.39 0.87 0.00 | 25.15 0.76 0.00 |
| ATHENS_STG_2 23670 | 24.47 0.64 0.00 | 23.25 0.48 0.00 | 19.59 0.59 0.00 | 19.27 0.60 0.00 | 18.99 0.57 0.00 | 20.11 0.57 0.00 | 21.98 0.64 0.00 | 22.12 0.81 0.00 | 23.01 0.91 0.00 | 22.17 0.75 0.00 | 24.59 0.83 -0.07 | 25.04 0.98 -0.11 | 26.57 0.99 -0.13 | 28.82 1.02 -0.17 | 32.22 1.02 -0.22 | 35.43 1.19 -0.25 | 39.27 1.03 0.05 | 43.26 1.42 0.00 | 40.25 1.32 0.00 | 37.61 1.27 0.00 | 34.90 1.25 0.00 | 31.39 1.00 0.00 | 27.39 0.87 0.00 | 25.15 0.76 0.00 |
| ATHENS_STG_3 23677 | 24.47 0.64 0.00 | 23.25 0.48 0.00 | 19.59 0.59 0.00 | 19.27 0.60 0.00 | 18.99 0.57 0.00 | 20.11 0.57 0.00 | 21.98 0.64 0.00 | 22.12 0.81 0.00 | 23.01 0.91 0.00 | 22.17 0.75 0.00 | 24.59 0.83 -0.07 | 25.04 0.98 -0.11 | 26.57 0.99 -0.13 | 28.82 1.02 -0.17 | 32.22 1.02 -0.22 | 35.43 1.19 -0.25 | 39.27 1.03 0.05 | 43.26 1.42 0.00 | 40.25 1.32 0.00 | 37.61 1.27 0.00 | 34.90 1.25 0.00 | 31.39 1.00 0.00 | 27.39 0.87 0.00 | 25.15 0.76 0.00 |
| AUBURN___LFGE 323710 | 24.20 0.38 0.00 | 22.95 0.18 0.00 | 19.24 0.25 0.00 | 18.86 0.19 0.00 | 18.66 0.24 0.00 | 19.88 0.33 0.00 | 21.66 0.32 0.00 | 21.57 0.26 0.00 | 22.33 0.22 0.00 | 21.61 0.19 0.00 | 23.93 0.24 0.00 | 24.34 0.38 0.00 | 25.96 0.51 0.00 | 28.24 0.61 0.00 | 32.00 1.02 0.00 | 35.01 1.02 0.00 | 39.59 1.15 -0.15 | 43.56 1.72 0.00 | 40.32 1.40 0.00 | 37.64 1.31 0.00 | 34.76 1.11 0.00 | 31.06 0.67 0.00 | 27.18 0.66 0.00 | 24.90 0.51 0.00 |
| BABYLON_RES_REC 323704 | 26.05 2.22 -0.01 | 24.69 1.91 -0.01 | 20.79 1.79 -0.01 | 20.36 1.68 0.00 | 19.86 1.44 0.00 | 21.13 1.58 0.00 | 23.22 1.88 0.00 | 23.21 1.90 0.00 | 24.54 2.43 0.00 | 23.41 1.99 0.00 | 26.39 2.51 -0.18 | 27.31 2.80 -0.56 | 28.33 2.54 -0.33 | 30.00 1.93 -0.44 | 33.41 1.86 -0.57 | 36.80 2.14 -0.67 | 40.19 1.95 0.06 | 44.23 2.38 0.00 | 41.18 2.26 0.00 | 38.33 2.00 0.00 | 35.50 1.85 0.00 | 32.31 1.92 0.00 | 28.32 1.80 0.00 | 26.67 2.27 -0.01 |
| BABYLON__69_KV_BK2 356345 | 26.37 2.55 0.00 | 25.00 2.23 0.00 | 21.03 2.03 0.00 | 20.51 1.83 0.00 | 19.99 1.57 0.00 | 21.36 1.82 0.00 | 23.47 2.13 0.00 | 23.49 2.17 0.00 | 24.85 2.74 0.00 | 23.69 2.27 0.00 | 26.72 2.84 -0.18 | 27.67 3.16 -0.56 | 29.07 3.28 -0.33 | 30.94 2.87 -0.44 | 34.34 2.79 -0.57 | 37.98 3.33 -0.67 | 41.53 3.29 0.06 | 45.94 4.10 0.00 | 43.01 4.09 0.00 | 39.93 3.60 0.00 | 37.02 3.37 0.00 | 33.61 3.22 0.00 | 29.17 2.65 0.00 | 27.15 2.76 0.00 |
| BALL_HILL_WT_PWR 323825 | 24.39 0.57 0.00 | 22.91 0.14 0.00 | 19.55 0.55 0.00 | 19.05 0.37 0.00 | 18.92 0.50 0.00 | 20.11 0.57 0.00 | 21.85 0.51 0.00 | 21.95 0.64 0.00 | 22.57 0.46 0.00 | 21.89 0.47 0.00 | 24.57 0.88 0.00 | 25.03 1.08 0.00 | 26.72 1.27 0.00 | 29.48 1.85 0.00 | 34.11 3.13 0.00 | 37.11 3.12 0.00 | 41.60 3.02 -0.28 | 46.32 4.48 0.00 | 42.62 3.70 0.00 | 39.75 3.41 0.00 | 36.41 2.76 0.00 | 31.97 1.58 0.00 | 28.11 1.59 0.00 | 25.68 1.29 0.00 |
| BARON_WINDS___WT_PWR 323822 | 24.32 0.50 0.00 | 22.91 0.14 0.00 | 19.41 0.42 0.00 | 18.99 0.32 0.00 | 18.83 0.40 0.00 | 20.01 0.47 0.00 | 21.77 0.43 0.00 | 21.87 0.55 0.00 | 22.50 0.40 0.00 | 21.79 0.36 0.00 | 24.29 0.59 0.00 | 24.74 0.79 0.00 | 26.42 0.97 0.00 | 28.98 1.35 0.00 | 33.12 2.14 0.00 | 36.13 2.14 0.00 | 40.64 1.99 -0.36 | 44.98 3.14 0.00 | 41.61 2.68 0.00 | 38.84 2.51 0.00 | 35.64 1.99 0.00 | 31.52 1.13 0.00 | 27.68 1.17 0.00 | 25.24 0.85 0.00 |
| BARRETT_IC_1 23704 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |
| BARRETT_IC_10 23701 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |
| BARRETT_IC_11 23702 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |
| BARRETT_IC_12 23703 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |
| BARRETT_IC_2 23705 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |
| BARRETT_IC_3 23706 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |
| BARRETT_IC_4 23707 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |

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| BARRETT_IC_5 23708 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |
| BARRETT_IC_6 23709 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |
| BARRETT_IC_7 23710 | 25.66 1.83 0.00 | 24.34 1.57 0.00 | 20.50 1.50 0.00 | 20.02 1.34 0.00 | 19.55 1.12 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.28 2.49 -0.33 | 30.25 2.18 -0.44 | 33.56 2.01 -0.57 | 37.10 2.45 -0.67 | 40.45 2.22 0.06 | 44.69 2.85 0.00 | 41.76 2.84 0.00 | 38.80 2.47 0.00 | 36.04 2.39 0.00 | 32.67 2.28 0.00 | 28.48 1.96 0.00 | 26.44 2.05 0.00 |
| BARRETT_IC_8 23711 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |
| BARRETT_IC_9 23700 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |
| BARRETT___1 23545 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |
| BARRETT___2 23546 | 25.66 1.83 -0.01 | 24.35 1.57 -0.01 | 20.50 1.50 -0.01 | 20.12 1.44 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.94 1.60 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.08 2.20 -0.18 | 26.93 2.42 -0.56 | 28.05 2.26 -0.33 | 29.84 1.77 -0.44 | 33.22 1.67 -0.57 | 36.56 1.90 -0.67 | 39.88 1.65 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 32.03 1.64 0.00 | 28.11 1.59 0.00 | 26.33 1.93 -0.01 |
| BATAVIA__115KV_TB1 55881 | 24.47 0.64 0.00 | 23.00 0.23 0.00 | 19.51 0.51 0.00 | 18.98 0.30 0.00 | 18.86 0.44 0.00 | 20.03 0.49 0.00 | 21.72 0.38 0.00 | 21.72 0.40 0.00 | 22.44 0.33 0.00 | 21.68 0.26 0.00 | 24.33 0.64 0.00 | 24.77 0.81 0.00 | 26.49 1.04 0.00 | 28.95 1.33 0.00 | 33.86 2.88 0.00 | 36.54 2.55 0.00 | 41.75 3.22 -0.24 | 46.23 4.39 0.00 | 42.39 3.46 0.00 | 39.64 3.31 0.00 | 36.24 2.59 0.00 | 31.79 1.40 0.00 | 27.89 1.38 0.00 | 25.61 1.22 0.00 |
| BAYONEEC___CTG1 323682 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.16 1.16 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.80 2.30 -0.54 | 28.17 2.39 -0.33 | 30.53 2.46 -0.44 | 34.06 2.51 -0.57 | 37.47 2.82 -0.67 | 40.80 2.57 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.88 2.54 0.00 | 36.18 2.53 0.00 | 32.49 2.10 0.00 | 28.43 1.91 0.00 | 26.03 1.63 0.00 |
| BAYONEEC___CTG10 323750 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.16 1.16 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.80 2.30 -0.54 | 28.17 2.39 -0.33 | 30.53 2.46 -0.44 | 34.06 2.51 -0.57 | 37.47 2.82 -0.67 | 40.80 2.57 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.88 2.54 0.00 | 36.18 2.53 0.00 | 32.49 2.10 0.00 | 28.43 1.91 0.00 | 26.03 1.63 0.00 |
| BAYONEEC___CTG2 323683 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.16 1.16 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.80 2.30 -0.54 | 28.17 2.39 -0.33 | 30.53 2.46 -0.44 | 34.06 2.51 -0.57 | 37.47 2.82 -0.67 | 40.80 2.57 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.88 2.54 0.00 | 36.18 2.53 0.00 | 32.49 2.10 0.00 | 28.43 1.91 0.00 | 26.03 1.63 0.00 |
| BAYONEEC___CTG3 323684 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.16 1.16 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.80 2.30 -0.54 | 28.17 2.39 -0.33 | 30.53 2.46 -0.44 | 34.06 2.51 -0.57 | 37.47 2.82 -0.67 | 40.80 2.57 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.88 2.54 0.00 | 36.18 2.53 0.00 | 32.49 2.10 0.00 | 28.43 1.91 0.00 | 26.03 1.63 0.00 |
| BAYONEEC___CTG4 323685 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.16 1.16 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.80 2.30 -0.54 | 28.17 2.39 -0.33 | 30.53 2.46 -0.44 | 34.06 2.51 -0.57 | 37.47 2.82 -0.67 | 40.80 2.57 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.88 2.54 0.00 | 36.18 2.53 0.00 | 32.49 2.10 0.00 | 28.43 1.91 0.00 | 26.03 1.63 0.00 |
| BAYONEEC___CTG5 323686 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.16 1.16 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.80 2.30 -0.54 | 28.17 2.39 -0.33 | 30.53 2.46 -0.44 | 34.06 2.51 -0.57 | 37.47 2.82 -0.67 | 40.80 2.57 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.88 2.54 0.00 | 36.18 2.53 0.00 | 32.49 2.10 0.00 | 28.43 1.91 0.00 | 26.03 1.63 0.00 |
| BAYONEEC___CTG6 323687 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.16 1.16 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.80 2.30 -0.54 | 28.17 2.39 -0.33 | 30.53 2.46 -0.44 | 34.06 2.51 -0.57 | 37.47 2.82 -0.67 | 40.80 2.57 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.88 2.54 0.00 | 36.18 2.53 0.00 | 32.49 2.10 0.00 | 28.43 1.91 0.00 | 26.03 1.63 0.00 |

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|---|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|
| BAYONEEC___CTG7 323688 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.16 1.16 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.80 2.30 -0.54 | 28.17 2.39 -0.33 | 30.53 2.46 -0.44 | 34.06 2.51 -0.57 | 37.47 2.82 -0.67 | 40.80 2.57 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.88 2.54 0.00 | 36.18 2.53 0.00 | 32.49 2.10 0.00 | 28.43 1.91 0.00 | 26.03 1.63 0.00 |
| BAYONEEC___CTG8 323689 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.16 1.16 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.80 2.30 -0.54 | 28.17 2.39 -0.33 | 30.53 2.46 -0.44 | 34.06 2.51 -0.57 | 37.47 2.82 -0.67 | 40.80 2.57 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.88 2.54 0.00 | 36.18 2.53 0.00 | 32.49 2.10 0.00 | 28.43 1.91 0.00 | 26.03 1.63 0.00 |
| BAYONEEC___CTG9 323749 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.16 1.16 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.80 2.30 -0.54 | 28.17 2.39 -0.33 | 30.53 2.46 -0.44 | 34.06 2.51 -0.57 | 37.47 2.82 -0.67 | 40.80 2.57 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.88 2.54 0.00 | 36.18 2.53 0.00 | 32.49 2.10 0.00 | 28.43 1.91 0.00 | 26.03 1.63 0.00 |
| BEACON___LESR 323632 | 24.35 0.52 0.00 | 23.18 0.41 0.00 | 19.51 0.51 0.00 | 19.22 0.54 0.00 | 18.94 0.52 0.00 | 20.05 0.51 0.00 | 21.96 0.62 0.00 | 22.04 0.73 0.00 | 22.86 0.75 0.00 | 21.98 0.56 0.00 | 24.06 0.52 0.16 | 24.53 0.70 0.12 | 25.83 0.66 0.28 | 27.94 0.69 0.38 | 31.23 0.74 0.49 | 34.40 0.99 0.57 | 39.15 0.92 0.05 | 43.22 1.38 0.00 | 40.32 1.40 0.00 | 37.79 1.45 0.00 | 35.00 1.35 0.00 | 31.45 1.06 0.00 | 27.39 0.87 0.00 | 25.12 0.73 0.00 |
| BEAVER RIVER___HYD 24048 | 24.01 0.19 0.00 | 22.95 0.18 0.00 | 19.11 0.11 0.00 | 18.75 0.08 0.00 | 18.55 0.13 0.00 | 19.76 0.22 0.00 | 21.64 0.30 0.00 | 21.51 0.19 0.00 | 22.17 0.07 0.00 | 21.40 -0.02 0.00 | 23.58 -0.12 0.00 | 23.88 -0.07 0.00 | 25.40 -0.05 0.00 | 27.60 -0.03 0.00 | 30.89 -0.09 0.00 | 33.85 -0.14 0.00 | 38.45 0.15 0.00 | 42.14 0.29 0.00 | 39.43 0.50 0.00 | 36.91 0.58 0.00 | 34.19 0.54 0.00 | 30.85 0.46 0.00 | 26.86 0.34 0.00 | 24.63 0.24 0.00 |
| BEEBEE_GT_13 23619 | 24.11 0.29 0.00 | 22.77 0.00 0.00 | 19.21 0.21 0.00 | 18.75 0.07 0.00 | 18.59 0.17 0.00 | 19.84 0.29 0.00 | 21.55 0.21 0.00 | 21.53 0.21 0.00 | 22.28 0.18 0.00 | 21.57 0.15 0.00 | 24.03 0.33 0.00 | 24.53 0.57 0.00 | 26.19 0.74 0.00 | 28.54 0.91 0.00 | 32.87 1.89 0.00 | 35.72 1.73 0.00 | 40.85 2.37 -0.18 | 44.64 2.80 0.00 | 41.02 2.10 0.00 | 38.33 2.00 0.00 | 35.20 1.55 0.00 | 31.09 0.70 0.00 | 27.26 0.74 0.00 | 25.05 0.66 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 25.64 1.81 -0.01 | 24.32 1.55 -0.01 | 20.43 1.42 -0.01 | 19.97 1.29 0.00 | 19.56 1.14 0.00 | 20.81 1.27 0.00 | 22.86 1.52 0.00 | 23.21 1.90 0.00 | 24.29 2.19 0.00 | 23.37 1.95 0.00 | 26.15 2.27 -0.18 | 27.01 2.52 -0.54 | 28.48 2.70 -0.33 | 30.94 2.87 -0.44 | 34.49 2.94 -0.57 | 38.15 3.50 -0.67 | 41.45 3.22 0.06 | 45.73 3.89 0.00 | 42.50 3.58 0.00 | 39.42 3.09 0.00 | 36.65 3.00 0.00 | 32.82 2.43 0.00 | 28.86 2.33 -0.01 | 26.34 1.95 0.00 |
| BETHLEHEM___GRP 23843 | 23.97 0.14 0.00 | 22.84 0.07 0.00 | 19.24 0.25 0.00 | 18.90 0.22 0.00 | 18.63 0.20 0.00 | 19.76 0.21 0.00 | 21.64 0.30 0.00 | 21.74 0.43 0.00 | 22.52 0.42 0.00 | 21.68 0.26 0.00 | 23.74 0.19 0.15 | 24.18 0.34 0.11 | 25.46 0.28 0.27 | 27.55 0.28 0.36 | 30.74 0.22 0.46 | 33.82 0.37 0.54 | 38.35 0.11 0.05 | 42.26 0.42 0.00 | 39.43 0.51 0.00 | 36.92 0.58 0.00 | 34.26 0.61 0.00 | 30.82 0.43 0.00 | 26.86 0.34 0.00 | 24.66 0.27 0.00 |
| BETHLEHEM___GS1 323560 | 23.97 0.14 0.00 | 22.84 0.07 0.00 | 19.24 0.25 0.00 | 18.96 0.28 0.00 | 18.68 0.26 0.00 | 19.76 0.22 0.00 | 21.64 0.30 0.00 | 21.72 0.40 0.00 | 22.52 0.42 0.00 | 21.68 0.26 0.00 | 23.74 0.19 0.15 | 24.18 0.34 0.11 | 25.46 0.28 0.27 | 27.52 0.25 0.36 | 30.71 0.19 0.46 | 33.76 0.31 0.54 | 38.35 0.12 0.05 | 42.26 0.42 0.00 | 39.43 0.50 0.00 | 36.91 0.58 0.00 | 34.22 0.57 0.00 | 30.78 0.39 0.00 | 26.84 0.32 0.00 | 24.63 0.24 0.00 |
| BETHLEHEM___GS2 323561 | 23.97 0.14 0.00 | 22.84 0.07 0.00 | 19.24 0.25 0.00 | 18.96 0.28 0.00 | 18.68 0.26 0.00 | 19.76 0.22 0.00 | 21.64 0.30 0.00 | 21.72 0.40 0.00 | 22.52 0.42 0.00 | 21.68 0.26 0.00 | 23.74 0.19 0.15 | 24.18 0.34 0.11 | 25.46 0.28 0.27 | 27.52 0.25 0.36 | 30.71 0.19 0.46 | 33.76 0.31 0.54 | 38.35 0.12 0.05 | 42.26 0.42 0.00 | 39.43 0.50 0.00 | 36.91 0.58 0.00 | 34.22 0.57 0.00 | 30.78 0.39 0.00 | 26.84 0.32 0.00 | 24.63 0.24 0.00 |
| BETHLEHEM___GS3 323562 | 23.97 0.14 0.00 | 22.84 0.07 0.00 | 19.24 0.25 0.00 | 18.96 0.28 0.00 | 18.68 0.26 0.00 | 19.76 0.22 0.00 | 21.64 0.30 0.00 | 21.72 0.40 0.00 | 22.52 0.42 0.00 | 21.68 0.26 0.00 | 23.74 0.19 0.15 | 24.18 0.34 0.11 | 25.46 0.28 0.27 | 27.52 0.25 0.36 | 30.71 0.19 0.46 | 33.76 0.31 0.54 | 38.35 0.12 0.05 | 42.26 0.42 0.00 | 39.43 0.50 0.00 | 36.91 0.58 0.00 | 34.22 0.57 0.00 | 30.78 0.39 0.00 | 26.84 0.32 0.00 | 24.63 0.24 0.00 |
| BETHLEHEM___STEEL 23779 | 24.27 0.45 0.00 | 22.77 0.00 0.00 | 19.43 0.44 0.00 | 18.88 0.21 0.00 | 18.75 0.33 0.00 | 19.99 0.45 0.00 | 21.70 0.36 0.00 | 21.68 0.36 0.00 | 22.41 0.31 0.00 | 21.74 0.32 0.00 | 24.41 0.71 0.00 | 24.82 0.86 0.00 | 26.54 1.09 0.00 | 29.07 1.44 0.00 | 33.86 2.88 0.00 | 36.60 2.62 0.00 | 41.36 2.80 -0.28 | 45.94 4.10 0.00 | 42.11 3.19 0.00 | 39.20 2.87 0.00 | 35.87 2.22 0.00 | 31.48 1.09 0.00 | 27.71 1.19 0.00 | 25.49 1.10 0.00 |
| BETHLHEM_115KV_TB1 79974 | 24.04 0.21 0.00 | 22.91 0.14 0.00 | 19.28 0.28 0.00 | 18.96 0.28 0.00 | 18.68 0.26 0.00 | 19.82 0.27 0.00 | 21.68 0.34 0.00 | 21.78 0.47 0.00 | 22.57 0.46 0.00 | 21.74 0.32 0.00 | 23.82 0.26 0.14 | 24.26 0.41 0.10 | 25.55 0.36 0.25 | 27.65 0.36 0.34 | 30.85 0.31 0.43 | 33.96 0.48 0.51 | 38.47 0.23 0.05 | 42.39 0.54 0.00 | 39.54 0.62 0.00 | 37.02 0.69 0.00 | 34.36 0.71 0.00 | 30.91 0.52 0.00 | 26.94 0.42 0.00 | 24.73 0.34 0.00 |
| BETHPAGE_CC_5 323564 | 25.95 2.12 -0.01 | 24.60 1.82 -0.01 | 20.71 1.71 -0.01 | 20.30 1.62 0.00 | 19.82 1.40 0.00 | 21.09 1.54 0.00 | 23.15 1.81 0.00 | 23.17 1.85 0.00 | 24.47 2.37 0.00 | 23.39 1.97 0.00 | 26.32 2.44 -0.18 | 27.17 2.66 -0.56 | 28.25 2.47 -0.33 | 29.98 1.90 -0.44 | 33.35 1.80 -0.57 | 36.62 1.97 -0.67 | 39.96 1.72 0.06 | 44.02 2.17 0.00 | 40.94 2.02 0.00 | 38.11 1.78 0.00 | 35.33 1.68 0.00 | 32.18 1.79 0.00 | 28.21 1.70 0.00 | 26.60 2.20 -0.01 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 24.32 0.50 0.00 | 22.81 0.05 0.00 | 19.47 0.47 0.00 | 18.92 0.24 0.00 | 18.81 0.39 0.00 | 20.03 0.49 0.00 | 21.77 0.43 0.00 | 21.76 0.45 0.00 | 22.48 0.38 0.00 | 21.81 0.39 0.00 | 24.50 0.81 0.00 | 24.91 0.96 0.00 | 26.67 1.22 0.00 | 29.20 1.57 0.00 | 34.02 3.04 0.00 | 36.77 2.79 0.00 | 41.41 2.83 -0.28 | 46.15 4.31 0.00 | 42.31 3.39 0.00 | 39.39 3.05 0.00 | 36.01 2.36 0.00 | 31.61 1.22 0.00 | 27.79 1.27 0.00 | 25.59 1.20 0.00 |

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| BINGHAMTON___COGEN 23790 | 24.35 0.52 0.00 | 23.09 0.32 0.00 | 19.43 0.44 0.00 | 19.01 0.34 0.00 | 18.79 0.37 0.00 | 20.01 0.47 0.00 | 21.83 0.49 0.00 | 21.83 0.51 0.00 | 22.61 0.51 0.00 | 21.85 0.43 0.00 | 24.22 0.52 0.00 | 24.60 0.65 0.00 | 26.19 0.74 0.00 | 28.51 0.88 0.00 | 32.25 1.27 0.00 | 35.31 1.33 0.00 | 41.70 1.30 -2.10 | 43.72 1.88 0.00 | 40.60 1.67 0.00 | 37.90 1.56 0.00 | 34.96 1.31 0.00 | 31.27 0.88 0.00 | 27.36 0.85 0.00 | 25.12 0.73 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 24.42 0.60 0.00 | 22.86 0.09 0.00 | 19.53 0.53 0.00 | 18.94 0.26 0.00 | 18.85 0.42 0.00 | 20.07 0.53 0.00 | 21.87 0.53 0.00 | 21.91 0.60 0.00 | 22.61 0.51 0.00 | 21.96 0.54 0.00 | 24.74 1.04 0.00 | 25.18 1.22 0.00 | 26.95 1.50 0.00 | 29.59 1.96 0.00 | 34.29 3.31 0.00 | 37.08 3.09 0.00 | 41.28 2.68 -0.30 | 46.36 4.52 0.00 | 42.50 3.58 0.00 | 39.64 3.31 0.00 | 36.11 2.46 0.00 | 31.82 1.43 0.00 | 27.82 1.30 0.00 | 25.63 1.24 0.00 |
| BLACK RIVER___HYD 24047 | 24.08 0.26 0.00 | 22.97 0.20 0.00 | 19.15 0.15 0.00 | 18.79 0.11 0.00 | 18.61 0.18 0.00 | 19.82 0.27 0.00 | 21.74 0.40 0.00 | 21.57 0.26 0.00 | 22.24 0.13 0.00 | 21.42 0.00 0.00 | 23.58 -0.12 0.00 | 23.95 0.00 0.00 | 25.48 0.03 0.00 | 27.71 0.08 0.00 | 31.01 0.03 0.00 | 33.92 -0.07 0.00 | 38.46 0.12 -0.05 | 42.14 0.29 0.00 | 39.54 0.62 0.00 | 37.24 0.91 0.00 | 34.49 0.84 0.00 | 31.06 0.67 0.00 | 27.02 0.50 0.00 | 24.73 0.34 0.00 |
| BLACKRVR_115KV_TB2 79977 | 24.08 0.26 0.00 | 22.97 0.20 0.00 | 19.15 0.15 0.00 | 18.86 0.19 0.00 | 18.68 0.26 0.00 | 19.82 0.27 0.00 | 21.75 0.41 0.00 | 21.57 0.26 0.00 | 22.24 0.13 0.00 | 21.42 0.00 0.00 | 23.58 -0.12 0.00 | 23.95 0.00 0.00 | 25.48 0.03 0.00 | 27.68 0.06 0.00 | 30.98 0.00 0.00 | 33.92 -0.07 0.00 | 38.46 0.11 -0.05 | 42.13 0.29 0.00 | 39.51 0.58 0.00 | 37.21 0.87 0.00 | 34.46 0.81 0.00 | 31.03 0.64 0.00 | 26.99 0.48 0.00 | 24.71 0.32 0.00 |
| BLISS_WT_PWR 323608 | 24.37 0.55 0.00 | 22.84 0.07 0.00 | 19.49 0.49 0.00 | 18.98 0.30 0.00 | 18.88 0.46 0.00 | 20.03 0.49 0.00 | 21.83 0.49 0.00 | 21.98 0.66 0.00 | 22.59 0.49 0.00 | 21.93 0.51 0.00 | 24.74 1.04 0.00 | 25.20 1.24 0.00 | 26.95 1.50 0.00 | 29.81 2.18 0.00 | 34.36 3.38 0.00 | 37.35 3.37 0.00 | 41.24 2.64 -0.30 | 46.40 4.56 0.00 | 42.74 3.82 0.00 | 39.93 3.60 0.00 | 36.41 2.76 0.00 | 32.03 1.64 0.00 | 27.95 1.43 0.00 | 25.61 1.22 0.00 |
| BLUESTONE___WT_PWR 323821 | 25.46 1.64 0.00 | 24.18 1.41 0.00 | 20.27 1.27 0.00 | 19.85 1.18 0.00 | 19.66 1.23 0.00 | 20.91 1.37 0.00 | 22.94 1.60 0.00 | 23.34 2.03 0.00 | 24.05 1.95 0.00 | 23.09 1.67 0.00 | 25.52 1.82 0.00 | 26.01 2.06 0.00 | 27.69 2.24 0.00 | 30.31 2.68 0.00 | 34.33 3.35 0.00 | 37.49 3.50 0.00 | 45.39 3.91 -3.19 | 45.86 4.02 0.00 | 42.78 3.85 0.00 | 40.15 3.81 0.00 | 37.09 3.43 0.00 | 33.13 2.74 0.00 | 28.80 2.28 0.00 | 26.27 1.88 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 24.35 0.52 0.00 | 23.18 0.41 0.00 | 19.49 0.49 0.00 | 19.16 0.49 0.00 | 18.88 0.46 0.00 | 20.03 0.49 0.00 | 21.89 0.55 0.00 | 21.93 0.62 0.00 | 22.68 0.57 0.00 | 21.79 0.36 0.00 | 23.91 0.31 0.10 | 24.32 0.43 0.06 | 25.68 0.41 0.18 | 27.84 0.44 0.23 | 31.11 0.43 0.30 | 34.28 0.65 0.35 | 38.74 0.50 0.05 | 42.76 0.92 0.00 | 39.93 1.01 0.00 | 37.42 1.09 0.00 | 34.73 1.08 0.00 | 31.27 0.88 0.00 | 27.26 0.74 0.00 | 25.03 0.63 0.00 |
| BOC_GAS_DRP 24189 | 24.23 0.40 0.00 | 23.06 0.30 0.00 | 19.40 0.40 0.00 | 19.05 0.37 0.00 | 18.77 0.35 0.00 | 19.91 0.37 0.00 | 21.79 0.45 0.00 | 21.89 0.58 0.00 | 22.70 0.60 0.00 | 21.87 0.45 0.00 | 24.05 0.45 0.10 | 24.47 0.57 0.06 | 25.84 0.56 0.17 | 28.01 0.61 0.23 | 31.27 0.59 0.29 | 34.39 0.75 0.34 | 38.83 0.54 0.00 | 42.68 0.84 0.00 | 39.82 0.90 0.00 | 37.24 0.91 0.00 | 34.53 0.87 0.00 | 31.09 0.70 0.00 | 27.10 0.58 0.00 | 24.90 0.51 0.00 |
| BOONVILLE_115KV_TB1 79983 | 24.44 0.62 0.00 | 23.32 0.55 0.00 | 19.45 0.46 0.00 | 19.13 0.45 0.00 | 18.92 0.50 0.00 | 20.09 0.55 0.00 | 22.00 0.66 0.00 | 21.93 0.62 0.00 | 22.68 0.57 0.00 | 21.87 0.45 0.00 | 24.15 0.45 0.00 | 24.51 0.55 0.00 | 26.06 0.61 0.00 | 28.35 0.72 0.00 | 31.82 0.84 0.00 | 34.87 0.88 0.00 | 39.40 1.11 0.00 | 43.26 1.42 0.00 | 40.36 1.44 0.00 | 37.82 1.49 0.00 | 35.00 1.35 0.00 | 31.51 1.12 0.00 | 27.42 0.90 0.00 | 25.12 0.73 0.00 |
| BORALEX_4TH_BRANCH 23824 | 24.68 0.86 0.00 | 23.47 0.71 0.00 | 19.70 0.70 0.00 | 19.41 0.73 0.00 | 19.14 0.72 0.00 | 20.36 0.82 0.00 | 22.28 0.94 0.00 | 22.40 1.09 0.00 | 23.14 1.04 0.00 | 22.24 0.81 0.00 | 24.09 0.78 0.39 | 24.59 0.96 0.32 | 25.70 0.94 0.70 | 27.73 1.02 0.93 | 30.81 1.02 1.19 | 33.85 1.26 1.39 | 39.31 1.07 0.05 | 43.47 1.63 0.00 | 40.63 1.71 0.00 | 38.15 1.82 0.00 | 35.37 1.72 0.00 | 31.82 1.43 0.00 | 27.74 1.22 0.00 | 25.51 1.12 0.00 |
| BOWLINE___1 23526 | 24.94 1.12 0.00 | 23.66 0.89 0.00 | 19.93 0.93 0.00 | 19.59 0.91 0.00 | 19.27 0.85 0.00 | 20.46 0.92 0.00 | 22.41 1.07 0.00 | 22.66 1.34 0.00 | 23.65 1.55 0.00 | 22.75 1.33 0.00 | 25.40 1.54 -0.17 | 26.49 1.73 -0.81 | 27.53 1.78 -0.30 | 29.88 1.85 -0.40 | 33.32 1.83 -0.51 | 36.66 2.07 -0.60 | 40.15 1.91 0.06 | 44.35 2.51 0.00 | 41.06 2.14 0.00 | 38.37 2.03 0.00 | 35.60 1.95 0.00 | 32.00 1.61 0.00 | 27.97 1.46 0.00 | 25.66 1.27 0.00 |
| BOWLINE___2 23595 | 24.94 1.12 0.00 | 23.66 0.89 0.00 | 19.93 0.93 0.00 | 19.59 0.91 0.00 | 19.27 0.85 0.00 | 20.46 0.92 0.00 | 22.41 1.07 0.00 | 22.66 1.34 0.00 | 23.65 1.55 0.00 | 22.75 1.33 0.00 | 25.40 1.54 -0.17 | 26.49 1.73 -0.81 | 27.53 1.78 -0.30 | 29.88 1.85 -0.40 | 33.32 1.83 -0.51 | 36.63 2.04 -0.60 | 40.07 1.84 0.06 | 44.27 2.43 0.00 | 41.02 2.10 0.00 | 38.33 2.00 0.00 | 35.57 1.92 0.00 | 32.00 1.61 0.00 | 27.97 1.46 0.00 | 25.66 1.27 0.00 |
| BRADY___115KV_TB2 356060 | 23.18 -0.64 0.00 | 22.45 -0.32 0.00 | 18.46 -0.53 0.00 | 18.64 -0.04 0.00 | 18.40 -0.02 0.00 | 19.05 -0.49 0.00 | 20.83 -0.51 0.00 | 20.70 -0.62 0.00 | 21.35 -0.75 0.00 | 20.80 -0.62 0.00 | 22.96 -0.73 0.00 | 22.97 -0.98 0.00 | 24.41 -1.04 0.00 | 26.47 -1.16 0.00 | 29.49 -1.49 0.00 | 32.39 -1.60 0.00 | 37.76 -0.54 0.00 | 40.80 -1.05 0.00 | 37.99 -0.93 0.00 | 34.81 -1.53 0.00 | 32.31 -1.35 0.00 | 29.48 -0.91 0.00 | 25.64 -0.88 0.00 | 23.63 -0.76 0.00 |
| BRANSCOMB___SOLAR 323811 | 24.87 1.05 0.00 | 23.66 0.89 0.00 | 19.81 0.82 0.00 | 19.54 0.86 0.00 | 19.27 0.85 0.00 | 20.42 0.88 0.00 | 22.32 0.98 0.00 | 22.34 1.02 0.00 | 23.17 1.06 0.00 | 22.21 0.79 0.00 | 24.29 0.81 0.21 | 24.80 1.01 0.16 | 26.14 1.07 0.38 | 28.12 0.99 0.50 | 31.39 1.05 0.65 | 34.45 1.22 0.76 | 39.42 1.19 0.06 | 43.68 1.84 0.00 | 40.87 1.95 0.00 | 38.55 2.22 0.00 | 35.74 2.09 0.00 | 32.18 1.79 0.00 | 28.00 1.48 0.00 | 25.66 1.27 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 26.20 2.38 0.00 | 24.84 2.07 0.00 | 20.92 1.92 0.00 | 20.40 1.72 0.00 | 19.88 1.46 0.00 | 21.26 1.72 0.00 | 23.35 2.01 0.00 | 23.38 2.07 0.00 | 24.73 2.63 0.00 | 23.56 2.14 0.00 | 26.56 2.68 -0.18 | 27.51 2.99 -0.56 | 28.86 3.08 -0.33 | 30.67 2.60 -0.44 | 34.03 2.48 -0.57 | 37.64 2.99 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.62 3.70 0.00 | 39.57 3.23 0.00 | 36.71 3.06 0.00 | 33.34 2.95 0.00 | 28.98 2.47 0.00 | 27.00 2.61 0.00 |

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| BRISTLHL_115KV_TB1 79998 | 23.75 -0.07 0.00 | 22.56 -0.20 0.00 | 18.92 -0.08 0.00 | 18.55 -0.13 0.00 | 18.33 -0.09 0.00 | 19.50 -0.04 0.00 | 21.25 -0.09 0.00 | 21.10 -0.21 0.00 | 21.86 -0.24 0.00 | 21.14 -0.28 0.00 | 23.39 -0.31 0.00 | 23.76 -0.19 0.00 | 25.30 -0.15 0.00 | 27.46 -0.17 0.00 | 30.98 0.00 0.00 | 33.88 -0.10 0.00 | 38.22 -0.15 -0.08 | 41.88 0.04 0.00 | 38.88 -0.04 0.00 | 36.37 0.04 0.00 | 33.62 -0.03 0.00 | 30.21 -0.18 0.00 | 26.46 -0.05 0.00 | 24.34 -0.05 0.00 |
| BROOKHAVEN___DRP 24191 | 26.18 2.36 0.00 | 24.82 2.05 0.00 | 20.88 1.88 0.00 | 20.36 1.68 0.00 | 19.82 1.40 0.00 | 21.20 1.66 0.00 | 23.28 1.94 0.00 | 23.30 1.98 0.00 | 24.67 2.56 0.00 | 23.46 2.04 0.00 | 26.46 2.58 -0.18 | 27.43 2.92 -0.56 | 28.81 3.03 -0.33 | 30.59 2.51 -0.44 | 33.87 2.32 -0.57 | 37.54 2.89 -0.67 | 40.99 2.76 0.06 | 45.31 3.47 0.00 | 42.46 3.54 0.00 | 39.46 3.12 0.00 | 36.61 2.96 0.00 | 33.34 2.95 0.00 | 28.96 2.44 0.00 | 26.95 2.56 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.16 1.16 0.00 | 19.80 1.12 0.00 | 19.45 1.03 0.00 | 20.66 1.11 0.00 | 22.71 1.37 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.50 2.43 -0.44 | 34.00 2.45 -0.57 | 37.44 2.79 -0.67 | 40.76 2.53 0.06 | 45.15 3.30 0.00 | 41.69 2.76 0.00 | 38.81 2.47 0.00 | 36.14 2.49 0.00 | 32.43 2.04 0.00 | 28.43 1.91 0.00 | 26.00 1.61 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 25.73 1.91 0.00 | 24.41 1.64 0.00 | 20.55 1.56 0.00 | 20.08 1.40 0.00 | 19.64 1.22 0.00 | 20.97 1.43 0.00 | 23.03 1.69 0.00 | 23.19 1.88 0.00 | 24.38 2.28 0.00 | 23.37 1.95 0.00 | 26.27 2.39 -0.18 | 27.17 2.66 -0.56 | 28.56 2.77 -0.33 | 30.72 2.65 -0.44 | 34.21 2.66 -0.57 | 37.64 2.99 -0.67 | 41.07 2.83 0.06 | 45.36 3.51 0.00 | 42.27 3.35 0.00 | 39.28 2.94 0.00 | 36.58 2.93 0.00 | 33.03 2.64 0.00 | 28.69 2.17 0.00 | 26.51 2.12 0.00 |
| BROOME_2_LFGE 323671 | 24.35 0.52 0.00 | 23.09 0.32 0.00 | 19.43 0.44 0.00 | 19.07 0.39 0.00 | 18.85 0.42 0.00 | 20.01 0.47 0.00 | 21.83 0.49 0.00 | 21.85 0.53 0.00 | 22.61 0.51 0.00 | 21.85 0.43 0.00 | 24.22 0.52 0.00 | 24.60 0.65 0.00 | 26.21 0.76 0.00 | 28.57 0.94 0.00 | 32.28 1.30 0.00 | 35.35 1.36 0.00 | 41.70 1.30 -2.10 | 43.77 1.93 0.00 | 40.59 1.67 0.00 | 37.97 1.64 0.00 | 35.03 1.38 0.00 | 31.33 0.94 0.00 | 27.42 0.90 0.00 | 25.12 0.73 0.00 |
| BROOME___LFGE 323600 | 24.35 0.52 0.00 | 23.09 0.32 0.00 | 19.43 0.44 0.00 | 19.07 0.39 0.00 | 18.85 0.42 0.00 | 20.01 0.47 0.00 | 21.83 0.49 0.00 | 21.85 0.53 0.00 | 22.61 0.51 0.00 | 21.85 0.43 0.00 | 24.22 0.52 0.00 | 24.60 0.65 0.00 | 26.21 0.76 0.00 | 28.57 0.94 0.00 | 32.28 1.30 0.00 | 35.35 1.36 0.00 | 41.70 1.30 -2.10 | 43.77 1.93 0.00 | 40.59 1.67 0.00 | 37.97 1.64 0.00 | 35.03 1.38 0.00 | 31.33 0.94 0.00 | 27.42 0.90 0.00 | 25.12 0.73 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 23.49 -0.33 0.00 | 22.59 -0.18 0.00 | 18.71 -0.28 0.00 | 18.66 -0.02 0.00 | 18.44 0.02 0.00 | 19.33 -0.21 0.00 | 21.13 -0.21 0.00 | 20.93 -0.38 0.00 | 21.57 -0.53 0.00 | 20.91 -0.51 0.00 | 23.06 -0.64 0.00 | 23.24 -0.72 0.00 | 24.71 -0.74 0.00 | 26.77 -0.86 0.00 | 29.89 -1.08 0.00 | 32.80 -1.19 0.00 | 37.72 -0.57 0.00 | 41.05 -0.79 0.00 | 38.30 -0.62 0.00 | 35.53 -0.80 0.00 | 32.95 -0.71 0.00 | 29.87 -0.52 0.00 | 26.09 -0.42 0.00 | 24.03 -0.37 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 25.49 1.67 0.00 | 24.13 1.37 0.00 | 20.33 1.33 0.00 | 19.89 1.21 0.00 | 19.51 1.09 0.00 | 20.83 1.29 0.00 | 22.90 1.56 0.00 | 23.27 1.96 0.00 | 24.34 2.23 0.00 | 23.41 1.99 0.00 | 26.18 2.30 -0.18 | 27.01 2.52 -0.54 | 28.43 2.65 -0.33 | 30.86 2.79 -0.44 | 34.43 2.88 -0.57 | 38.02 3.36 -0.67 | 41.34 3.10 0.06 | 45.69 3.85 0.00 | 42.39 3.46 0.00 | 39.39 3.05 0.00 | 36.61 2.96 0.00 | 32.85 2.46 0.00 | 28.74 2.23 0.00 | 26.27 1.88 0.00 |
| BURROWS___LYONSDAL 23803 | 24.37 0.55 0.00 | 23.25 0.48 0.00 | 19.40 0.40 0.00 | 19.09 0.41 0.00 | 18.86 0.44 0.00 | 20.03 0.49 0.00 | 21.94 0.60 0.00 | 21.85 0.53 0.00 | 22.57 0.46 0.00 | 21.79 0.36 0.00 | 24.03 0.33 0.00 | 24.39 0.43 0.00 | 25.93 0.48 0.00 | 28.18 0.55 0.00 | 31.63 0.65 0.00 | 34.67 0.68 0.00 | 39.21 0.92 0.00 | 43.05 1.21 0.00 | 40.21 1.28 0.00 | 37.68 1.34 0.00 | 34.86 1.21 0.00 | 31.39 1.00 0.00 | 27.31 0.80 0.00 | 25.03 0.63 0.00 |
| CAITHNESS_CC_1 323624 | 26.17 2.34 -0.01 | 24.80 2.03 -0.01 | 20.89 1.88 -0.01 | 20.43 1.76 0.00 | 19.91 1.49 0.00 | 21.18 1.64 0.00 | 23.28 1.94 0.00 | 23.27 1.96 0.00 | 24.67 2.56 0.00 | 23.43 2.01 0.00 | 26.46 2.58 -0.18 | 27.41 2.90 -0.56 | 28.40 2.62 -0.33 | 29.98 1.90 -0.44 | 33.28 1.73 -0.57 | 36.69 2.04 -0.67 | 40.07 1.84 0.06 | 44.10 2.26 0.00 | 41.02 2.10 0.00 | 38.22 1.89 0.00 | 35.40 1.75 0.00 | 32.34 1.95 0.00 | 28.37 1.86 0.00 | 26.76 2.37 -0.01 |
| CALPINE BETH_PAGE_GT4 24209 | 25.92 2.10 0.00 | 24.57 1.80 0.00 | 20.69 1.69 0.00 | 20.21 1.53 0.00 | 19.71 1.29 0.00 | 21.07 1.52 0.00 | 23.15 1.81 0.00 | 23.17 1.85 0.00 | 24.45 2.34 0.00 | 23.37 1.95 0.00 | 26.30 2.42 -0.18 | 27.19 2.68 -0.56 | 28.56 2.77 -0.33 | 30.53 2.46 -0.44 | 33.84 2.29 -0.57 | 37.27 2.62 -0.67 | 40.68 2.45 0.06 | 44.98 3.14 0.00 | 42.00 3.07 0.00 | 38.99 2.65 0.00 | 36.21 2.56 0.00 | 32.94 2.55 0.00 | 28.69 2.17 0.00 | 26.71 2.32 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 25.93 2.10 -0.01 | 24.58 1.80 -0.01 | 20.69 1.69 -0.01 | 20.28 1.61 0.00 | 19.82 1.40 0.00 | 21.07 1.53 0.00 | 23.15 1.81 0.00 | 23.17 1.85 0.00 | 24.45 2.34 0.00 | 23.37 1.95 0.00 | 26.30 2.42 -0.18 | 27.19 2.68 -0.56 | 28.28 2.50 -0.33 | 30.06 1.99 -0.44 | 33.41 1.86 -0.57 | 36.66 2.00 -0.67 | 40.00 1.76 0.06 | 44.06 2.22 0.00 | 40.98 2.06 0.00 | 38.11 1.78 0.00 | 35.37 1.72 0.00 | 32.24 1.85 0.00 | 28.29 1.78 0.00 | 26.60 2.20 -0.01 |
| CALPINE_BP_GT1 23823 | 25.93 2.10 -0.01 | 24.58 1.80 -0.01 | 20.69 1.69 -0.01 | 20.28 1.61 0.00 | 19.82 1.40 0.00 | 21.07 1.53 0.00 | 23.15 1.81 0.00 | 23.17 1.85 0.00 | 24.45 2.34 0.00 | 23.37 1.95 0.00 | 26.30 2.42 -0.18 | 27.19 2.68 -0.56 | 28.28 2.50 -0.33 | 30.06 1.99 -0.44 | 33.41 1.86 -0.57 | 36.66 2.00 -0.67 | 40.00 1.76 0.06 | 44.06 2.22 0.00 | 40.98 2.06 0.00 | 38.11 1.78 0.00 | 35.37 1.72 0.00 | 32.24 1.85 0.00 | 28.29 1.78 0.00 | 26.60 2.20 -0.01 |
| CALSPAN___DRP 24200 | 24.27 0.45 0.00 | 22.77 0.00 0.00 | 19.43 0.44 0.00 | 18.88 0.21 0.00 | 18.75 0.33 0.00 | 19.99 0.45 0.00 | 21.70 0.36 0.00 | 21.68 0.36 0.00 | 22.41 0.31 0.00 | 21.74 0.32 0.00 | 24.41 0.71 0.00 | 24.82 0.86 0.00 | 26.54 1.09 0.00 | 29.07 1.44 0.00 | 33.86 2.88 0.00 | 36.60 2.62 0.00 | 41.36 2.80 -0.28 | 45.94 4.10 0.00 | 42.11 3.19 0.00 | 39.20 2.87 0.00 | 35.87 2.22 0.00 | 31.48 1.09 0.00 | 27.71 1.19 0.00 | 25.49 1.10 0.00 |

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| CALVERTON___SOLAR 323806 | 26.26 2.43 -0.01 | 24.87 2.09 -0.01 | 20.94 1.94 -0.01 | 20.49 1.81 0.00 | 19.95 1.53 0.00 | 21.24 1.70 0.00 | 23.32 1.98 0.00 | 23.32 2.00 0.00 | 24.73 2.63 0.00 | 23.50 2.08 0.00 | 26.53 2.65 -0.18 | 27.50 2.99 -0.56 | 28.51 2.72 -0.33 | 30.06 1.99 -0.44 | 33.41 1.86 -0.57 | 36.83 2.18 -0.67 | 40.26 2.03 0.06 | 44.31 2.47 0.00 | 41.26 2.34 0.00 | 38.40 2.07 0.00 | 35.57 1.92 0.00 | 32.49 2.10 0.00 | 28.45 1.93 0.00 | 26.84 2.44 -0.01 |
| CANDIGU_WT_PWR 323617 | 24.32 0.50 0.00 | 22.91 0.14 0.00 | 19.41 0.42 0.00 | 18.99 0.32 0.00 | 18.83 0.40 0.00 | 20.01 0.47 0.00 | 21.77 0.43 0.00 | 21.87 0.55 0.00 | 22.50 0.40 0.00 | 21.79 0.36 0.00 | 24.29 0.59 0.00 | 24.74 0.79 0.00 | 26.42 0.97 0.00 | 28.98 1.35 0.00 | 33.12 2.14 0.00 | 36.13 2.14 0.00 | 40.64 1.99 -0.36 | 44.98 3.14 0.00 | 41.61 2.68 0.00 | 38.84 2.51 0.00 | 35.64 1.99 0.00 | 31.52 1.13 0.00 | 27.68 1.17 0.00 | 25.24 0.85 0.00 |
| CARR STREET_E_SYR 24060 | 23.92 0.10 0.00 | 22.70 -0.07 0.00 | 19.05 0.06 0.00 | 18.71 0.04 0.00 | 18.48 0.06 0.00 | 19.64 0.10 0.00 | 21.40 0.06 0.00 | 21.34 0.02 0.00 | 22.08 -0.02 0.00 | 21.36 -0.06 0.00 | 23.65 -0.05 0.00 | 24.03 0.07 0.00 | 25.60 0.15 0.00 | 27.88 0.25 0.00 | 31.35 0.37 0.00 | 34.23 0.24 0.00 | 38.58 0.19 -0.09 | 42.30 0.46 0.00 | 39.23 0.31 0.00 | 36.66 0.33 0.00 | 33.86 0.20 0.00 | 30.45 0.06 0.00 | 26.73 0.21 0.00 | 24.56 0.17 0.00 |
| CARTHAGE___PAPER 23857 | 23.99 0.17 0.00 | 22.93 0.16 0.00 | 19.09 0.10 0.00 | 18.73 0.06 0.00 | 18.53 0.11 0.00 | 19.76 0.22 0.00 | 21.66 0.32 0.00 | 21.51 0.19 0.00 | 22.15 0.04 0.00 | 21.36 -0.06 0.00 | 23.53 -0.16 0.00 | 23.86 -0.10 0.00 | 25.35 -0.10 0.00 | 27.55 -0.08 0.00 | 30.79 -0.18 0.00 | 33.71 -0.27 0.00 | 38.29 0.00 0.00 | 41.97 0.13 0.00 | 39.35 0.43 0.00 | 36.95 0.62 0.00 | 34.22 0.57 0.00 | 30.85 0.46 0.00 | 26.86 0.34 0.00 | 24.59 0.19 0.00 |
| CASSADAGA_WT_PWR 323784 | 24.94 1.12 0.00 | 23.36 0.59 0.00 | 19.96 0.97 0.00 | 19.44 0.77 0.00 | 19.31 0.88 0.00 | 20.52 0.98 0.00 | 22.36 1.02 0.00 | 22.74 1.43 0.00 | 23.39 1.28 0.00 | 22.75 1.33 0.00 | 25.64 1.94 0.00 | 26.13 2.18 0.00 | 27.99 2.54 0.00 | 30.94 3.31 0.00 | 35.75 4.77 0.00 | 38.88 4.90 0.00 | 43.22 4.63 -0.30 | 47.70 5.86 0.00 | 43.94 5.02 0.00 | 40.99 4.65 0.00 | 37.45 3.80 0.00 | 32.85 2.46 0.00 | 28.80 2.28 0.00 | 26.10 1.71 0.00 |
| CE_DUNWOOD___DRP 24194 | 25.16 1.33 0.00 | 23.86 1.09 0.00 | 20.08 1.08 0.00 | 19.67 0.99 0.00 | 19.33 0.90 0.00 | 20.62 1.07 0.00 | 22.60 1.26 0.00 | 22.91 1.60 0.00 | 23.94 1.83 0.00 | 23.03 1.61 0.00 | 25.73 1.85 -0.18 | 26.59 2.06 -0.57 | 27.92 2.14 -0.33 | 30.34 2.27 -0.44 | 33.84 2.29 -0.57 | 37.34 2.68 -0.67 | 40.68 2.45 0.06 | 44.94 3.10 0.00 | 41.72 2.80 0.00 | 38.84 2.51 0.00 | 36.11 2.46 0.00 | 32.40 2.01 0.00 | 28.29 1.78 0.00 | 25.90 1.51 0.00 |
| CE_MILLWOOD___DRP 24193 | 25.06 1.24 0.00 | 23.77 1.00 0.00 | 20.02 1.03 0.00 | 19.59 0.92 0.00 | 19.25 0.83 0.00 | 20.54 1.00 0.00 | 22.51 1.17 0.00 | 22.81 1.49 0.00 | 23.78 1.68 0.00 | 22.90 1.48 0.00 | 25.56 1.68 -0.18 | 26.28 1.89 -0.44 | 27.76 1.99 -0.32 | 30.16 2.10 -0.43 | 33.64 2.11 -0.55 | 37.11 2.48 -0.64 | 40.45 2.22 0.06 | 44.69 2.85 0.00 | 41.53 2.61 0.00 | 38.70 2.36 0.00 | 35.91 2.25 0.00 | 32.24 1.85 0.00 | 28.16 1.64 0.00 | 25.81 1.41 0.00 |
| CE_NYC2_DRP 24202 | 25.40 1.57 -0.01 | 24.07 1.30 -0.01 | 20.28 1.27 -0.01 | 19.82 1.14 0.00 | 19.45 1.03 0.00 | 20.75 1.21 0.00 | 22.77 1.43 0.00 | 23.13 1.81 0.00 | 24.16 2.06 0.00 | 23.26 1.84 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.25 2.47 -0.33 | 30.67 2.60 -0.44 | 34.18 2.63 -0.57 | 37.75 3.09 -0.67 | 40.99 2.76 0.06 | 45.23 3.39 0.00 | 42.00 3.07 0.00 | 38.99 2.65 0.00 | 36.28 2.62 0.00 | 32.58 2.19 0.00 | 28.62 2.09 -0.01 | 26.15 1.76 0.00 |
| CE_NYC_DRP 24195 | 25.30 1.48 0.00 | 23.98 1.21 0.00 | 20.19 1.20 0.00 | 19.76 1.08 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.20 2.42 -0.33 | 30.64 2.57 -0.44 | 34.15 2.60 -0.57 | 37.71 3.06 -0.67 | 40.99 2.76 0.06 | 45.27 3.43 0.00 | 42.04 3.11 0.00 | 39.02 2.69 0.00 | 36.28 2.62 0.00 | 32.58 2.19 0.00 | 28.50 1.99 0.00 | 26.07 1.68 0.00 |
| CHAFFEE___LFGE 323603 | 24.30 0.48 0.00 | 22.79 0.02 0.00 | 19.45 0.46 0.00 | 18.96 0.28 0.00 | 18.83 0.40 0.00 | 20.01 0.47 0.00 | 21.72 0.38 0.00 | 21.87 0.55 0.00 | 22.46 0.35 0.00 | 21.79 0.36 0.00 | 24.48 0.78 0.00 | 24.94 0.98 0.00 | 26.67 1.22 0.00 | 29.42 1.79 0.00 | 34.11 3.13 0.00 | 37.11 3.12 0.00 | 41.49 2.91 -0.29 | 46.27 4.43 0.00 | 42.58 3.66 0.00 | 39.71 3.38 0.00 | 36.35 2.69 0.00 | 31.91 1.52 0.00 | 28.03 1.51 0.00 | 25.61 1.22 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 23.75 -0.07 0.00 | 22.95 0.18 0.00 | 18.90 -0.09 0.00 | 18.77 0.09 0.00 | 18.50 0.07 0.00 | 19.50 -0.04 0.00 | 21.36 0.02 0.00 | 21.10 -0.21 0.00 | 21.86 -0.24 0.00 | 21.31 -0.11 0.00 | 23.58 -0.12 0.00 | 23.59 -0.36 0.00 | 25.07 -0.38 0.00 | 27.16 -0.47 0.00 | 30.30 -0.68 0.00 | 33.27 -0.71 0.00 | 38.14 -0.15 0.00 | 40.88 -0.96 0.00 | 37.99 -0.93 0.00 | 35.61 -0.73 0.00 | 32.98 -0.67 0.00 | 29.96 -0.43 0.00 | 25.99 -0.53 0.00 | 24.15 -0.24 0.00 |
| CHATEAUG_WT_PWR 323614 | 24.25 0.43 0.00 | 23.41 0.64 0.00 | 19.34 0.34 0.00 | 19.01 0.34 0.00 | 18.74 0.31 0.00 | 19.99 0.45 0.00 | 21.87 0.53 0.00 | 21.38 0.06 0.00 | 22.15 0.04 0.00 | 21.59 0.17 0.00 | 23.88 0.19 0.00 | 23.91 -0.05 0.00 | 25.45 0.00 0.00 | 27.55 -0.08 0.00 | 30.83 -0.15 0.00 | 33.88 -0.10 0.00 | 38.67 0.38 0.00 | 41.09 -0.75 0.00 | 38.92 0.00 0.00 | 36.19 -0.14 0.00 | 33.35 -0.30 0.00 | 30.24 -0.15 0.00 | 26.28 -0.24 0.00 | 24.63 0.24 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 23.75 -0.07 0.00 | 22.95 0.18 0.00 | 18.90 -0.09 0.00 | 18.77 0.09 0.00 | 18.50 0.07 0.00 | 19.50 -0.04 0.00 | 21.36 0.02 0.00 | 21.10 -0.21 0.00 | 21.86 -0.24 0.00 | 21.31 -0.11 0.00 | 23.58 -0.12 0.00 | 23.59 -0.36 0.00 | 25.07 -0.38 0.00 | 27.16 -0.47 0.00 | 30.30 -0.68 0.00 | 33.27 -0.71 0.00 | 38.14 -0.15 0.00 | 40.88 -0.96 0.00 | 37.99 -0.93 0.00 | 35.61 -0.73 0.00 | 32.98 -0.67 0.00 | 29.96 -0.43 0.00 | 25.99 -0.53 0.00 | 24.15 -0.24 0.00 |
| CHAUTAUQUA___LFGE 323629 | 24.70 0.88 0.00 | 23.16 0.39 0.00 | 19.78 0.78 0.00 | 19.27 0.60 0.00 | 19.16 0.74 0.00 | 20.34 0.80 0.00 | 22.13 0.79 0.00 | 22.72 1.41 0.00 | 23.39 1.28 0.00 | 22.77 1.35 0.00 | 25.69 1.99 0.00 | 26.18 2.23 0.00 | 27.18 1.73 0.00 | 30.00 2.38 0.00 | 34.70 3.72 0.00 | 37.76 3.77 0.00 | 42.29 3.71 -0.29 | 47.07 5.23 0.00 | 43.32 4.40 0.00 | 40.40 4.07 0.00 | 36.98 3.33 0.00 | 32.46 2.07 0.00 | 28.48 1.96 0.00 | 25.95 1.56 0.00 |
| CHERRYST_13_KV_LD 356241 | 25.37 1.55 0.00 | 24.02 1.25 0.00 | 20.23 1.23 0.00 | 19.82 1.14 0.00 | 19.44 1.01 0.00 | 20.77 1.23 0.00 | 22.81 1.47 0.00 | 23.21 1.90 0.00 | 24.27 2.17 0.00 | 23.35 1.93 0.00 | 26.08 2.20 -0.18 | 26.92 2.42 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.28 2.73 -0.57 | 37.88 3.23 -0.67 | 41.18 2.95 0.06 | 45.48 3.64 0.00 | 42.19 3.27 0.00 | 39.17 2.83 0.00 | 36.41 2.76 0.00 | 32.67 2.28 0.00 | 28.61 2.09 0.00 | 26.15 1.76 0.00 |

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| CHESTROR_138KV_BK263 355645 | 24.80 0.98 0.00 | 23.54 0.77 0.00 | 19.81 0.82 0.00 | 19.41 0.73 0.00 | 19.09 0.66 0.00 | 20.34 0.80 0.00 | 22.28 0.94 0.00 | 22.46 1.15 0.00 | 23.41 1.30 0.00 | 22.51 1.09 0.00 | 25.12 1.28 -0.15 | 25.37 1.44 0.02 | 27.22 1.50 -0.27 | 29.61 1.63 -0.35 | 33.05 1.61 -0.46 | 36.46 1.94 -0.53 | 39.92 1.68 0.06 | 44.06 2.22 0.00 | 40.98 2.06 0.00 | 38.22 1.89 0.00 | 35.50 1.85 0.00 | 31.88 1.49 0.00 | 27.84 1.33 0.00 | 25.51 1.12 0.00 |
| CH_MIDHUDSON___DRP 24192 | 25.01 1.19 0.00 | 23.75 0.98 0.00 | 19.98 0.99 0.00 | 19.59 0.92 0.00 | 19.25 0.83 0.00 | 20.50 0.96 0.00 | 22.45 1.11 0.00 | 22.66 1.34 0.00 | 23.61 1.50 0.00 | 22.69 1.26 0.00 | 25.27 1.45 -0.13 | 25.74 1.63 -0.16 | 27.38 1.71 -0.23 | 29.79 1.85 -0.31 | 33.23 1.86 -0.39 | 36.66 2.21 -0.46 | 40.23 1.99 0.06 | 44.44 2.59 0.00 | 41.41 2.49 0.00 | 38.62 2.29 0.00 | 35.87 2.22 0.00 | 32.18 1.79 0.00 | 28.08 1.56 0.00 | 25.73 1.34 0.00 |
| CH_MISC_IPPS 23765 | 25.18 1.36 0.00 | 23.86 1.09 0.00 | 20.10 1.10 0.00 | 19.74 1.06 0.00 | 19.42 0.99 0.00 | 20.60 1.05 0.00 | 22.49 1.15 0.00 | 22.66 1.34 0.00 | 23.61 1.50 0.00 | 22.68 1.26 0.00 | 25.26 1.42 -0.14 | 25.68 1.58 -0.15 | 27.38 1.68 -0.25 | 29.76 1.79 -0.34 | 33.21 1.80 -0.43 | 36.60 2.11 -0.50 | 40.22 1.99 0.06 | 44.44 2.60 0.00 | 41.41 2.49 0.00 | 38.73 2.40 0.00 | 35.97 2.32 0.00 | 32.31 1.92 0.00 | 28.19 1.67 0.00 | 25.83 1.44 0.00 |
| CH_RES_BVR_FALLS 23983 | 23.47 -0.36 0.00 | 22.56 -0.21 0.00 | 18.69 -0.30 0.00 | 18.38 -0.30 0.00 | 18.13 -0.30 0.00 | 19.23 -0.31 0.00 | 21.00 -0.34 0.00 | 20.95 -0.36 0.00 | 21.73 -0.38 0.00 | 21.14 -0.28 0.00 | 23.39 -0.31 0.00 | 23.50 -0.46 0.00 | 24.97 -0.48 0.00 | 27.10 -0.53 0.00 | 30.36 -0.62 0.00 | 33.31 -0.68 0.00 | 37.79 -0.50 0.00 | 41.05 -0.80 0.00 | 38.22 -0.70 0.00 | 35.53 -0.80 0.00 | 32.91 -0.74 0.00 | 29.84 -0.55 0.00 | 25.99 -0.53 0.00 | 23.85 -0.54 0.00 |
| CH_RES_NIAGARA 23895 | 23.35 -0.48 0.00 | 21.95 -0.82 0.00 | 18.71 -0.28 0.00 | 18.19 -0.49 0.00 | 18.07 -0.35 0.00 | 19.25 -0.29 0.00 | 20.87 -0.47 0.00 | 20.74 -0.58 0.00 | 21.46 -0.64 0.00 | 20.80 -0.62 0.00 | 23.34 -0.36 0.00 | 23.71 -0.24 0.00 | 25.35 -0.10 0.00 | 27.66 0.03 0.00 | 32.31 1.33 0.00 | 34.87 0.88 0.00 | 40.00 1.46 -0.25 | 43.81 1.97 0.00 | 40.13 1.21 0.00 | 37.42 1.09 0.00 | 34.26 0.61 0.00 | 30.03 -0.36 0.00 | 26.49 -0.03 0.00 | 24.46 0.07 0.00 |
| CH_RES_SYRACUSE 23985 | 24.01 0.19 0.00 | 22.81 0.05 0.00 | 19.13 0.13 0.00 | 18.79 0.11 0.00 | 18.55 0.13 0.00 | 19.72 0.18 0.00 | 21.49 0.15 0.00 | 21.40 0.09 0.00 | 22.13 0.02 0.00 | 21.42 0.00 0.00 | 23.70 0.00 0.00 | 24.10 0.14 0.00 | 25.65 0.20 0.00 | 27.93 0.30 0.00 | 31.54 0.56 0.00 | 34.50 0.51 0.00 | 38.94 0.54 -0.11 | 42.72 0.88 0.00 | 39.62 0.70 0.00 | 37.02 0.69 0.00 | 34.19 0.54 0.00 | 30.66 0.27 0.00 | 26.86 0.34 0.00 | 24.68 0.29 0.00 |
| CLINTON_WT_PWR 323605 | 24.25 0.43 0.00 | 23.41 0.64 0.00 | 19.34 0.34 0.00 | 19.01 0.34 0.00 | 18.74 0.31 0.00 | 19.99 0.45 0.00 | 21.87 0.53 0.00 | 21.38 0.06 0.00 | 22.15 0.04 0.00 | 21.59 0.17 0.00 | 23.88 0.19 0.00 | 23.91 -0.05 0.00 | 25.45 0.00 0.00 | 27.55 -0.08 0.00 | 30.83 -0.15 0.00 | 33.88 -0.10 0.00 | 38.67 0.38 0.00 | 41.09 -0.75 0.00 | 38.92 0.00 0.00 | 36.19 -0.14 0.00 | 33.35 -0.30 0.00 | 30.24 -0.15 0.00 | 26.28 -0.24 0.00 | 24.63 0.24 0.00 |
| CLINTON___LFGE 323618 | 24.16 0.33 0.00 | 23.34 0.57 0.00 | 19.26 0.27 0.00 | 18.92 0.24 0.00 | 18.66 0.24 0.00 | 19.91 0.37 0.00 | 21.81 0.47 0.00 | 21.36 0.04 0.00 | 22.13 0.02 0.00 | 21.55 0.13 0.00 | 23.84 0.14 0.00 | 23.86 -0.10 0.00 | 25.40 -0.05 0.00 | 27.52 -0.11 0.00 | 30.76 -0.22 0.00 | 33.85 -0.14 0.00 | 38.67 0.38 0.00 | 41.26 -0.59 0.00 | 38.96 0.04 0.00 | 36.23 -0.11 0.00 | 33.49 -0.17 0.00 | 30.33 -0.06 0.00 | 26.30 -0.21 0.00 | 24.61 0.22 0.00 |
| COBBLENY_34_KV_TB1 80064 | 24.30 0.48 0.00 | 22.79 0.02 0.00 | 19.45 0.46 0.00 | 18.90 0.22 0.00 | 18.77 0.35 0.00 | 20.01 0.47 0.00 | 21.72 0.38 0.00 | 21.74 0.43 0.00 | 22.46 0.35 0.00 | 21.79 0.36 0.00 | 24.48 0.78 0.00 | 24.91 0.96 0.00 | 26.65 1.20 0.00 | 29.20 1.57 0.00 | 34.02 3.04 0.00 | 36.77 2.79 0.00 | 41.53 2.95 -0.29 | 46.19 4.35 0.00 | 42.31 3.39 0.00 | 39.39 3.05 0.00 | 36.01 2.36 0.00 | 31.64 1.25 0.00 | 27.79 1.27 0.00 | 25.56 1.17 0.00 |
| COFFEEN___115KV_TB3 355620 | 24.27 0.45 0.00 | 23.16 0.39 0.00 | 19.28 0.28 0.00 | 18.99 0.32 0.00 | 18.81 0.39 0.00 | 19.97 0.43 0.00 | 21.92 0.58 0.00 | 21.74 0.43 0.00 | 22.39 0.29 0.00 | 21.55 0.13 0.00 | 23.72 0.02 0.00 | 24.10 0.14 0.00 | 25.63 0.18 0.00 | 27.85 0.22 0.00 | 31.17 0.19 0.00 | 34.12 0.14 0.00 | 38.73 0.38 -0.05 | 42.43 0.59 0.00 | 39.86 0.93 0.00 | 37.64 1.31 0.00 | 34.86 1.21 0.00 | 31.36 0.97 0.00 | 27.26 0.74 0.00 | 24.93 0.54 0.00 |
| COLDSPRG_115KV_BK1 355956 | 25.11 1.29 0.00 | 23.52 0.75 0.00 | 20.10 1.10 0.00 | 19.50 0.82 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.56 1.22 0.00 | 22.78 1.47 0.00 | 23.50 1.39 0.00 | 22.84 1.41 0.00 | 25.71 2.01 0.00 | 26.16 2.20 0.00 | 28.40 2.95 0.00 | 31.22 3.59 0.00 | 36.12 5.14 0.00 | 39.08 5.10 0.00 | 43.43 4.82 -0.31 | 47.82 5.98 0.00 | 43.90 4.98 0.00 | 40.88 4.54 0.00 | 37.32 3.67 0.00 | 32.88 2.49 0.00 | 28.82 2.31 0.00 | 26.37 1.98 0.00 |
| COLONIE_LFGE___ 323577 | 24.54 0.71 0.00 | 23.36 0.59 0.00 | 19.60 0.61 0.00 | 19.35 0.67 0.00 | 19.07 0.64 0.00 | 20.19 0.64 0.00 | 22.09 0.75 0.00 | 22.17 0.85 0.00 | 22.99 0.89 0.00 | 22.09 0.66 0.00 | 24.10 0.64 0.23 | 24.58 0.81 0.19 | 25.84 0.81 0.42 | 27.89 0.83 0.56 | 31.09 0.84 0.73 | 34.16 1.02 0.85 | 39.19 0.96 0.06 | 43.26 1.42 0.00 | 40.40 1.48 0.00 | 37.90 1.56 0.00 | 35.13 1.48 0.00 | 31.61 1.22 0.00 | 27.55 1.03 0.00 | 25.29 0.90 0.00 |
| COOPERNY_115KV_TB1 80082 | 24.56 0.74 0.00 | 23.34 0.57 0.00 | 19.60 0.61 0.00 | 19.22 0.54 0.00 | 18.92 0.50 0.00 | 20.13 0.59 0.00 | 22.04 0.70 0.00 | 22.19 0.87 0.00 | 23.08 0.97 0.00 | 22.26 0.84 0.00 | 24.73 0.95 -0.09 | 25.07 1.10 -0.01 | 26.76 1.15 -0.16 | 29.06 1.22 -0.22 | 32.53 1.27 -0.28 | 35.81 1.50 -0.33 | 39.53 1.30 0.07 | 43.56 1.72 0.00 | 40.56 1.63 0.00 | 37.82 1.49 0.00 | 35.07 1.41 0.00 | 31.51 1.12 0.00 | 27.52 1.01 0.00 | 25.27 0.88 0.00 |
| COPENHAGEN_WT_PWR 323753 | 24.04 0.21 0.00 | 22.93 0.16 0.00 | 19.11 0.11 0.00 | 18.77 0.09 0.00 | 18.59 0.17 0.00 | 19.80 0.25 0.00 | 21.68 0.34 0.00 | 21.53 0.21 0.00 | 22.19 0.09 0.00 | 21.38 -0.04 0.00 | 23.55 -0.14 0.00 | 23.93 -0.02 0.00 | 25.45 0.00 0.00 | 27.68 0.06 0.00 | 31.01 0.03 0.00 | 33.92 -0.07 0.00 | 38.42 0.08 -0.06 | 42.09 0.25 0.00 | 39.43 0.50 0.00 | 37.17 0.84 0.00 | 34.39 0.74 0.00 | 30.97 0.58 0.00 | 26.97 0.45 0.00 | 24.68 0.29 0.00 |
| CORNELL_____ 23752 | 24.63 0.81 0.00 | 23.34 0.57 0.00 | 19.60 0.61 0.00 | 19.20 0.52 0.00 | 18.98 0.55 0.00 | 20.23 0.68 0.00 | 22.09 0.75 0.00 | 21.95 0.64 0.00 | 22.70 0.60 0.00 | 21.89 0.47 0.00 | 24.24 0.54 0.00 | 24.62 0.67 0.00 | 26.21 0.76 0.00 | 28.54 0.91 0.00 | 32.22 1.24 0.00 | 35.31 1.33 0.00 | 40.02 1.46 -0.27 | 44.18 2.34 0.00 | 41.06 2.14 0.00 | 38.41 2.07 0.00 | 35.44 1.78 0.00 | 31.70 1.31 0.00 | 27.71 1.19 0.00 | 25.37 0.98 0.00 |

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| CORONA__69_KV_TB1 355595 | 25.78 1.95 0.00 | 24.45 1.68 0.00 | 20.59 1.60 0.00 | 20.12 1.44 0.00 | 19.64 1.22 0.00 | 20.99 1.45 0.00 | 23.05 1.71 0.00 | 23.13 1.81 0.00 | 24.36 2.25 0.00 | 23.33 1.91 0.00 | 26.25 2.37 -0.18 | 27.12 2.61 -0.56 | 28.51 2.72 -0.33 | 30.56 2.49 -0.44 | 33.97 2.42 -0.57 | 37.54 2.89 -0.67 | 40.95 2.72 0.06 | 45.27 3.43 0.00 | 42.27 3.35 0.00 | 39.28 2.94 0.00 | 36.48 2.83 0.00 | 33.00 2.61 0.00 | 28.66 2.15 0.00 | 26.56 2.17 0.00 |
| CORTLAND__115KV_TB3 80093 | 24.47 0.64 0.00 | 23.22 0.46 0.00 | 19.49 0.49 0.00 | 19.11 0.43 0.00 | 18.88 0.46 0.00 | 20.11 0.57 0.00 | 21.96 0.62 0.00 | 21.89 0.58 0.00 | 22.66 0.55 0.00 | 21.87 0.45 0.00 | 24.19 0.50 0.00 | 24.60 0.65 0.00 | 26.19 0.74 0.00 | 28.48 0.86 0.00 | 32.16 1.18 0.00 | 35.24 1.26 0.00 | 39.79 1.30 -0.19 | 43.77 1.92 0.00 | 40.67 1.75 0.00 | 38.04 1.71 0.00 | 35.13 1.48 0.00 | 31.45 1.06 0.00 | 27.50 0.98 0.00 | 25.20 0.80 0.00 |
| COXSACKIE__GT 23611 | 25.06 1.24 0.00 | 23.82 1.05 0.00 | 20.02 1.03 0.00 | 19.70 1.03 0.00 | 19.43 1.01 0.00 | 20.54 1.00 0.00 | 22.53 1.19 0.00 | 22.34 1.02 0.00 | 23.10 1.00 0.00 | 22.04 0.62 0.00 | 24.34 0.71 0.06 | 24.75 0.84 0.04 | 26.20 0.87 0.12 | 28.52 1.05 0.16 | 31.93 1.15 0.20 | 35.25 1.49 0.23 | 39.69 1.45 0.05 | 44.02 2.17 0.00 | 41.22 2.30 0.00 | 38.88 2.54 0.00 | 36.11 2.46 0.00 | 32.24 1.85 0.00 | 28.00 1.48 0.00 | 25.63 1.24 0.00 |
| CPV_VALLEY__CC1 323721 | 24.63 0.81 0.00 | 23.38 0.61 0.00 | 19.68 0.68 0.00 | 19.35 0.67 0.00 | 19.05 0.63 0.00 | 20.21 0.66 0.00 | 22.13 0.79 0.00 | 22.29 0.98 0.00 | 23.23 1.13 0.00 | 22.39 0.96 0.00 | 24.94 1.11 -0.13 | 25.23 1.27 0.00 | 27.00 1.32 -0.23 | 29.29 1.35 -0.31 | 32.71 1.33 -0.40 | 35.98 1.53 -0.46 | 39.60 1.38 0.06 | 43.68 1.84 0.00 | 40.52 1.60 0.00 | 37.86 1.53 0.00 | 35.13 1.48 0.00 | 31.57 1.18 0.00 | 27.58 1.06 0.00 | 25.32 0.93 0.00 |
| CPV_VALLEY__CC2 323722 | 24.63 0.81 0.00 | 23.38 0.61 0.00 | 19.68 0.68 0.00 | 19.35 0.67 0.00 | 19.05 0.63 0.00 | 20.21 0.66 0.00 | 22.13 0.79 0.00 | 22.29 0.98 0.00 | 23.23 1.13 0.00 | 22.39 0.96 0.00 | 24.94 1.11 -0.13 | 25.23 1.27 0.00 | 27.00 1.32 -0.23 | 29.29 1.35 -0.31 | 32.71 1.33 -0.40 | 35.98 1.53 -0.46 | 39.60 1.38 0.06 | 43.68 1.84 0.00 | 40.52 1.60 0.00 | 37.86 1.53 0.00 | 35.13 1.48 0.00 | 31.57 1.18 0.00 | 27.58 1.06 0.00 | 25.32 0.93 0.00 |
| CRESCENT__HYD 24018 | 24.54 0.71 0.00 | 23.36 0.59 0.00 | 19.60 0.61 0.00 | 19.35 0.67 0.00 | 19.07 0.64 0.00 | 20.19 0.64 0.00 | 22.09 0.75 0.00 | 22.17 0.85 0.00 | 22.99 0.89 0.00 | 22.09 0.66 0.00 | 24.10 0.64 0.23 | 24.58 0.81 0.19 | 25.84 0.81 0.42 | 27.89 0.83 0.56 | 31.09 0.84 0.73 | 34.16 1.02 0.85 | 39.19 0.96 0.06 | 43.26 1.42 0.00 | 40.40 1.48 0.00 | 37.90 1.56 0.00 | 35.13 1.48 0.00 | 31.61 1.22 0.00 | 27.55 1.03 0.00 | 25.29 0.90 0.00 |
| CRICKET__VALLEY_CC1 323756 | 24.61 0.78 0.00 | 23.38 0.61 0.00 | 19.70 0.70 0.00 | 19.44 0.77 0.00 | 19.14 0.72 0.00 | 20.29 0.74 0.00 | 22.19 0.85 0.00 | 22.36 1.04 0.00 | 23.23 1.13 0.00 | 22.34 0.92 0.00 | 22.22 1.00 2.47 | 22.90 1.17 2.23 | 22.19 1.20 4.46 | 22.91 1.21 5.93 | 24.48 1.15 7.65 | 26.41 1.36 8.93 | 39.42 1.19 0.06 | 43.56 1.72 0.00 | 40.52 1.60 0.00 | 37.93 1.60 0.00 | 35.17 1.52 0.00 | 31.64 1.25 0.00 | 27.68 1.17 0.00 | 25.44 1.05 0.00 |
| CRICKET__VALLEY_CC2 323757 | 24.61 0.78 0.00 | 23.38 0.61 0.00 | 19.70 0.70 0.00 | 19.44 0.77 0.00 | 19.14 0.72 0.00 | 20.29 0.74 0.00 | 22.19 0.85 0.00 | 22.36 1.04 0.00 | 23.23 1.13 0.00 | 22.34 0.92 0.00 | 22.22 1.00 2.47 | 22.90 1.17 2.23 | 22.19 1.20 4.46 | 22.91 1.21 5.93 | 24.48 1.15 7.65 | 26.41 1.36 8.93 | 39.42 1.19 0.06 | 43.56 1.72 0.00 | 40.52 1.60 0.00 | 37.93 1.60 0.00 | 35.17 1.52 0.00 | 31.64 1.25 0.00 | 27.68 1.17 0.00 | 25.44 1.05 0.00 |
| CRICKET__VALLEY_CC3 323758 | 24.61 0.78 0.00 | 23.38 0.61 0.00 | 19.70 0.70 0.00 | 19.44 0.77 0.00 | 19.14 0.72 0.00 | 20.29 0.74 0.00 | 22.19 0.85 0.00 | 22.36 1.04 0.00 | 23.23 1.13 0.00 | 22.34 0.92 0.00 | 22.22 1.00 2.47 | 22.90 1.17 2.23 | 22.19 1.20 4.46 | 22.91 1.21 5.93 | 24.48 1.15 7.65 | 26.41 1.36 8.93 | 39.42 1.19 0.06 | 43.56 1.72 0.00 | 40.52 1.60 0.00 | 37.93 1.60 0.00 | 35.17 1.52 0.00 | 31.64 1.25 0.00 | 27.68 1.17 0.00 | 25.44 1.05 0.00 |
| CRUCIBLE_METL_DRP 24180 | 24.01 0.19 0.00 | 22.81 0.05 0.00 | 19.13 0.13 0.00 | 18.75 0.07 0.00 | 18.51 0.09 0.00 | 19.72 0.18 0.00 | 21.49 0.15 0.00 | 21.38 0.06 0.00 | 22.13 0.02 0.00 | 21.42 0.00 0.00 | 23.70 0.00 0.00 | 24.07 0.12 0.00 | 25.65 0.20 0.00 | 27.90 0.28 0.00 | 31.51 0.53 0.00 | 34.46 0.48 0.00 | 38.94 0.54 -0.11 | 42.68 0.84 0.00 | 39.58 0.66 0.00 | 36.99 0.65 0.00 | 34.16 0.50 0.00 | 30.63 0.24 0.00 | 26.83 0.32 0.00 | 24.66 0.27 0.00 |
| DAHOWA__HYDRO 323763 | 24.92 1.10 0.00 | 23.72 0.96 0.00 | 19.85 0.86 0.00 | 19.56 0.88 0.00 | 19.29 0.87 0.00 | 20.46 0.92 0.00 | 22.39 1.05 0.00 | 22.38 1.07 0.00 | 23.23 1.13 0.00 | 22.28 0.86 0.00 | 24.34 0.85 0.20 | 24.87 1.08 0.16 | 26.23 1.15 0.36 | 28.17 1.02 0.49 | 31.47 1.11 0.63 | 34.51 1.26 0.73 | 39.46 1.23 0.06 | 43.77 1.93 0.00 | 40.98 2.06 0.00 | 38.69 2.36 0.00 | 35.87 2.22 0.00 | 32.31 1.92 0.00 | 28.08 1.56 0.00 | 25.73 1.34 0.00 |
| DANC__LFGE 323619 | 23.92 0.10 0.00 | 22.77 0.00 0.00 | 19.03 0.04 0.00 | 18.70 0.02 0.00 | 18.50 0.07 0.00 | 19.68 0.14 0.00 | 21.51 0.17 0.00 | 21.36 0.04 0.00 | 22.06 -0.04 0.00 | 21.27 -0.15 0.00 | 23.48 -0.21 0.00 | 23.86 -0.10 0.00 | 25.37 -0.08 0.00 | 27.60 -0.03 0.00 | 30.98 0.00 0.00 | 33.88 -0.10 0.00 | 38.28 -0.08 -0.07 | 41.93 0.08 0.00 | 39.16 0.23 0.00 | 36.81 0.47 0.00 | 34.06 0.41 0.00 | 30.63 0.24 0.00 | 26.78 0.27 0.00 | 24.56 0.17 0.00 |
| DANSKAMMER__1 23586 | 25.18 1.36 0.00 | 23.86 1.09 0.00 | 20.10 1.10 0.00 | 19.74 1.06 0.00 | 19.42 0.99 0.00 | 20.60 1.05 0.00 | 22.49 1.15 0.00 | 22.66 1.34 0.00 | 23.61 1.50 0.00 | 22.68 1.26 0.00 | 25.26 1.42 -0.14 | 25.68 1.58 -0.15 | 27.38 1.68 -0.25 | 29.76 1.79 -0.34 | 33.21 1.80 -0.43 | 36.60 2.11 -0.50 | 40.22 1.99 0.06 | 44.44 2.60 0.00 | 41.41 2.49 0.00 | 38.73 2.40 0.00 | 35.97 2.32 0.00 | 32.31 1.92 0.00 | 28.19 1.67 0.00 | 25.83 1.44 0.00 |
| DANSKAMMER__2 23589 | 25.18 1.36 0.00 | 23.86 1.09 0.00 | 20.10 1.10 0.00 | 19.74 1.06 0.00 | 19.42 0.99 0.00 | 20.60 1.05 0.00 | 22.49 1.15 0.00 | 22.66 1.34 0.00 | 23.61 1.50 0.00 | 22.68 1.26 0.00 | 25.26 1.42 -0.14 | 25.68 1.58 -0.15 | 27.38 1.68 -0.25 | 29.76 1.79 -0.34 | 33.21 1.80 -0.43 | 36.60 2.11 -0.50 | 40.22 1.99 0.06 | 44.44 2.60 0.00 | 41.41 2.49 0.00 | 38.73 2.40 0.00 | 35.97 2.32 0.00 | 32.31 1.92 0.00 | 28.19 1.67 0.00 | 25.83 1.44 0.00 |
| DANSKAMMER__3 23590 | 25.18 1.36 0.00 | 23.86 1.09 0.00 | 20.10 1.10 0.00 | 19.74 1.06 0.00 | 19.42 0.99 0.00 | 20.60 1.05 0.00 | 22.49 1.15 0.00 | 22.66 1.34 0.00 | 23.61 1.50 0.00 | 22.68 1.26 0.00 | 25.26 1.42 -0.14 | 25.68 1.58 -0.15 | 27.38 1.68 -0.25 | 29.76 1.79 -0.34 | 33.21 1.80 -0.43 | 36.60 2.11 -0.50 | 40.22 1.99 0.06 | 44.44 2.60 0.00 | 41.41 2.49 0.00 | 38.73 2.40 0.00 | 35.97 2.32 0.00 | 32.31 1.92 0.00 | 28.19 1.67 0.00 | 25.83 1.44 0.00 |

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| DANSKAMMER___4 23591 | 25.18 1.36 0.00 | 23.86 1.09 0.00 | 20.10 1.10 0.00 | 19.74 1.06 0.00 | 19.42 0.99 0.00 | 20.60 1.05 0.00 | 22.49 1.15 0.00 | 22.66 1.34 0.00 | 23.61 1.50 0.00 | 22.68 1.26 0.00 | 25.26 1.42 -0.14 | 25.68 1.58 -0.15 | 27.38 1.68 -0.25 | 29.76 1.79 -0.34 | 33.21 1.80 -0.43 | 36.60 2.11 -0.50 | 40.22 1.99 0.06 | 44.44 2.60 0.00 | 41.41 2.49 0.00 | 38.73 2.40 0.00 | 35.97 2.32 0.00 | 32.31 1.92 0.00 | 28.19 1.67 0.00 | 25.83 1.44 0.00 |
| DANSKAMMER___DIESEL 23592 | 25.18 1.36 0.00 | 23.86 1.09 0.00 | 20.10 1.10 0.00 | 19.67 0.99 0.00 | 19.33 0.90 0.00 | 20.60 1.06 0.00 | 22.49 1.15 0.00 | 22.68 1.36 0.00 | 23.61 1.50 0.00 | 22.69 1.26 0.00 | 25.26 1.42 -0.14 | 25.68 1.58 -0.15 | 27.38 1.68 -0.25 | 29.81 1.85 -0.34 | 33.27 1.86 -0.43 | 36.73 2.24 -0.50 | 40.22 1.99 0.06 | 44.48 2.64 0.00 | 41.57 2.65 0.00 | 38.80 2.47 0.00 | 36.04 2.39 0.00 | 32.37 1.98 0.00 | 28.24 1.72 0.00 | 25.85 1.46 0.00 |
| DARBY___SOLAR 323810 | 24.87 1.05 0.00 | 23.68 0.91 0.00 | 19.81 0.82 0.00 | 19.54 0.86 0.00 | 19.25 0.83 0.00 | 20.42 0.88 0.00 | 22.34 1.00 0.00 | 22.36 1.04 0.00 | 23.21 1.10 0.00 | 22.26 0.83 0.00 | 24.32 0.83 0.21 | 24.84 1.05 0.16 | 26.19 1.12 0.38 | 28.15 1.02 0.50 | 31.45 1.11 0.65 | 34.52 1.29 0.76 | 39.46 1.23 0.06 | 43.73 1.88 0.00 | 40.91 1.98 0.00 | 38.55 2.22 0.00 | 35.74 2.09 0.00 | 32.18 1.79 0.00 | 28.00 1.48 0.00 | 25.66 1.27 0.00 |
| DASHVILLE___HYD 23610 | 24.97 1.14 0.00 | 23.66 0.89 0.00 | 19.93 0.93 0.00 | 19.52 0.84 0.00 | 19.18 0.76 0.00 | 20.40 0.86 0.00 | 22.32 0.98 0.00 | 22.49 1.17 0.00 | 23.43 1.33 0.00 | 22.51 1.09 0.00 | 25.29 1.52 -0.07 | 25.70 1.68 -0.07 | 27.37 1.78 -0.13 | 29.77 1.96 -0.18 | 33.19 1.98 -0.23 | 36.60 2.35 -0.27 | 40.00 1.76 0.06 | 44.18 2.34 0.00 | 41.10 2.18 0.00 | 38.33 2.00 0.00 | 35.60 1.95 0.00 | 31.97 1.58 0.00 | 27.95 1.43 0.00 | 25.61 1.22 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 26.85 3.03 0.00 | 25.43 2.66 0.00 | 21.41 2.41 0.00 | 20.84 2.17 0.00 | 20.26 1.84 0.00 | 21.67 2.13 0.00 | 23.79 2.45 0.00 | 23.83 2.52 0.00 | 25.33 3.23 0.00 | 24.10 2.68 0.00 | 27.27 3.39 -0.18 | 28.32 3.81 -0.56 | 29.70 3.92 -0.33 | 31.50 3.43 -0.44 | 34.93 3.38 -0.57 | 38.70 4.04 -0.67 | 42.37 4.14 0.06 | 46.86 5.02 0.00 | 43.86 4.94 0.00 | 40.66 4.32 0.00 | 37.62 3.97 0.00 | 34.25 3.86 0.00 | 29.57 3.05 0.00 | 27.51 3.12 0.00 |
| DELAWARE___LFGE 323621 | 24.61 0.79 0.00 | 23.41 0.64 0.00 | 19.66 0.66 0.00 | 19.27 0.60 0.00 | 19.01 0.59 0.00 | 20.23 0.68 0.00 | 22.13 0.79 0.00 | 22.19 0.87 0.00 | 23.01 0.91 0.00 | 22.19 0.77 0.00 | 24.55 0.85 0.00 | 24.95 1.01 0.01 | 26.52 1.07 0.00 | 28.84 1.22 0.00 | 32.37 1.39 0.00 | 35.55 1.56 0.00 | 44.14 1.53 -4.32 | 43.72 1.88 0.00 | 40.75 1.83 0.00 | 38.11 1.78 0.00 | 35.30 1.65 0.00 | 31.70 1.31 0.00 | 27.63 1.11 0.00 | 25.34 0.95 0.00 |
| DERFIELD_115KV_TB7 355931 | 23.99 0.17 0.00 | 22.88 0.11 0.00 | 19.15 0.15 0.00 | 18.81 0.13 0.00 | 18.55 0.13 0.00 | 19.70 0.16 0.00 | 21.51 0.17 0.00 | 21.51 0.19 0.00 | 22.30 0.20 0.00 | 21.55 0.13 0.00 | 23.84 0.14 0.00 | 24.17 0.22 0.00 | 25.65 0.20 0.00 | 27.88 0.25 0.00 | 31.26 0.28 0.00 | 34.29 0.31 0.00 | 38.52 0.23 0.00 | 42.22 0.38 0.00 | 39.31 0.39 0.00 | 36.73 0.40 0.00 | 34.02 0.37 0.00 | 30.66 0.27 0.00 | 26.75 0.24 0.00 | 24.61 0.22 0.00 |
| DOGLEVILLE___HYD 23807 | 24.20 0.38 0.00 | 23.06 0.30 0.00 | 19.30 0.30 0.00 | 18.96 0.28 0.00 | 18.72 0.29 0.00 | 19.87 0.33 0.00 | 21.72 0.38 0.00 | 21.70 0.38 0.00 | 22.48 0.38 0.00 | 21.74 0.32 0.00 | 24.05 0.36 0.00 | 24.39 0.43 0.00 | 25.91 0.46 0.00 | 28.15 0.52 0.00 | 31.57 0.59 0.00 | 34.53 0.54 0.00 | 38.83 0.54 0.00 | 42.55 0.71 0.00 | 39.62 0.70 0.00 | 37.10 0.76 0.00 | 34.33 0.67 0.00 | 30.94 0.55 0.00 | 27.02 0.50 0.00 | 24.83 0.44 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 24.66 0.83 0.00 | 23.13 0.36 0.00 | 19.74 0.74 0.00 | 19.16 0.49 0.00 | 19.05 0.63 0.00 | 20.32 0.78 0.00 | 22.09 0.75 0.00 | 22.10 0.79 0.00 | 22.83 0.73 0.00 | 22.17 0.75 0.00 | 24.90 1.21 0.00 | 25.34 1.39 0.00 | 27.05 1.60 0.00 | 29.65 2.02 0.00 | 34.48 3.50 0.00 | 37.32 3.33 0.00 | 42.14 3.56 -0.29 | 46.82 4.98 0.00 | 42.93 4.01 0.00 | 39.97 3.63 0.00 | 36.55 2.89 0.00 | 32.09 1.70 0.00 | 28.19 1.67 0.00 | 25.85 1.46 0.00 |
| DUNKIRK___1 23563 | 24.66 0.83 0.00 | 23.13 0.36 0.00 | 19.74 0.74 0.00 | 19.16 0.49 0.00 | 19.05 0.63 0.00 | 20.32 0.78 0.00 | 22.09 0.75 0.00 | 22.10 0.79 0.00 | 22.83 0.73 0.00 | 22.17 0.75 0.00 | 24.90 1.21 0.00 | 25.34 1.39 0.00 | 27.05 1.60 0.00 | 29.65 2.02 0.00 | 34.48 3.50 0.00 | 37.32 3.33 0.00 | 42.14 3.56 -0.29 | 46.82 4.98 0.00 | 42.93 4.01 0.00 | 39.97 3.63 0.00 | 36.55 2.89 0.00 | 32.09 1.70 0.00 | 28.19 1.67 0.00 | 25.85 1.46 0.00 |
| DUNKIRK___2 23564 | 24.66 0.83 0.00 | 23.13 0.36 0.00 | 19.74 0.74 0.00 | 19.16 0.49 0.00 | 19.05 0.63 0.00 | 20.32 0.78 0.00 | 22.09 0.75 0.00 | 22.10 0.79 0.00 | 22.83 0.73 0.00 | 22.17 0.75 0.00 | 24.90 1.21 0.00 | 25.34 1.39 0.00 | 27.05 1.60 0.00 | 29.65 2.02 0.00 | 34.48 3.50 0.00 | 37.32 3.33 0.00 | 42.14 3.56 -0.29 | 46.82 4.98 0.00 | 42.93 4.01 0.00 | 39.97 3.63 0.00 | 36.55 2.89 0.00 | 32.09 1.70 0.00 | 28.19 1.67 0.00 | 25.85 1.46 0.00 |
| DUNKIRK___3 23565 | 24.49 0.67 0.00 | 22.97 0.20 0.00 | 19.60 0.61 0.00 | 19.03 0.35 0.00 | 18.92 0.50 0.00 | 20.19 0.64 0.00 | 21.92 0.58 0.00 | 21.91 0.60 0.00 | 22.66 0.55 0.00 | 21.98 0.56 0.00 | 24.67 0.97 0.00 | 25.10 1.15 0.00 | 26.82 1.37 0.00 | 29.37 1.74 0.00 | 34.14 3.16 0.00 | 36.98 2.99 0.00 | 41.76 3.18 -0.29 | 46.40 4.56 0.00 | 42.54 3.62 0.00 | 39.60 3.27 0.00 | 36.21 2.56 0.00 | 31.82 1.43 0.00 | 27.97 1.46 0.00 | 25.68 1.29 0.00 |
| DUNKIRK___4 23566 | 24.49 0.67 0.00 | 22.97 0.20 0.00 | 19.60 0.61 0.00 | 19.03 0.35 0.00 | 18.92 0.50 0.00 | 20.19 0.64 0.00 | 21.92 0.58 0.00 | 21.91 0.60 0.00 | 22.66 0.55 0.00 | 21.98 0.56 0.00 | 24.67 0.97 0.00 | 25.10 1.15 0.00 | 26.82 1.37 0.00 | 29.37 1.74 0.00 | 34.14 3.16 0.00 | 36.98 2.99 0.00 | 41.76 3.18 -0.29 | 46.40 4.56 0.00 | 42.54 3.62 0.00 | 39.60 3.27 0.00 | 36.21 2.56 0.00 | 31.82 1.43 0.00 | 27.97 1.46 0.00 | 25.68 1.29 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 25.20 1.38 0.00 | 23.88 1.12 0.00 | 20.12 1.12 0.00 | 19.69 1.01 0.00 | 19.34 0.92 0.00 | 20.64 1.09 0.00 | 22.66 1.32 0.00 | 22.98 1.66 0.00 | 24.01 1.90 0.00 | 23.09 1.67 0.00 | 25.82 1.94 -0.18 | 26.63 2.13 -0.54 | 28.02 2.24 -0.33 | 30.45 2.38 -0.44 | 33.94 2.39 -0.57 | 37.47 2.82 -0.67 | 40.80 2.57 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 38.95 2.62 0.00 | 36.21 2.56 0.00 | 32.49 2.10 0.00 | 28.37 1.86 0.00 | 25.95 1.56 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 24.97 1.14 0.00 | 23.68 0.91 0.00 | 19.95 0.95 0.00 | 19.52 0.84 0.00 | 19.20 0.77 0.00 | 20.44 0.90 0.00 | 22.39 1.05 0.00 | 22.57 1.26 0.00 | 23.52 1.41 0.00 | 22.62 1.20 0.00 | 25.21 1.37 -0.14 | 25.57 1.53 -0.08 | 27.33 1.63 -0.25 | 29.73 1.77 -0.33 | 33.17 1.77 -0.43 | 36.59 2.11 -0.50 | 40.11 1.88 0.06 | 44.31 2.47 0.00 | 41.26 2.34 0.00 | 38.51 2.18 0.00 | 35.74 2.09 0.00 | 32.09 1.70 0.00 | 28.03 1.51 0.00 | 25.66 1.27 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 25.50 1.67 -0.01 | 24.12 1.34 -0.01 | 20.35 1.35 -0.01 | 19.90 1.21 -0.01 | 19.53 1.11 0.00 | 20.84 1.29 -0.01 | 22.81 1.47 0.00 | 23.10 1.79 0.00 | 24.07 1.97 0.00 | 23.16 1.74 0.00 | 25.89 2.01 -0.18 | 26.73 2.23 -0.54 | 28.18 2.39 -0.33 | 30.56 2.49 -0.44 | 34.03 2.48 -0.57 | 37.58 2.92 -0.67 | 40.80 2.57 0.06 | 44.98 3.14 0.00 | 41.80 2.88 0.00 | 38.80 2.47 0.00 | 36.08 2.42 0.00 | 32.52 2.13 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| E179THST_13_KV_LOAD 356214 | 25.62 1.79 -0.01 | 24.23 1.46 -0.01 | 20.45 1.44 -0.01 | 19.99 1.31 -0.01 | 19.60 1.18 0.00 | 20.94 1.39 -0.01 | 22.92 1.58 0.00 | 23.21 1.90 0.00 | 24.20 2.10 0.00 | 23.29 1.86 0.00 | 26.01 2.13 -0.18 | 26.85 2.35 -0.54 | 28.33 2.55 -0.33 | 30.72 2.65 -0.44 | 34.21 2.66 -0.57 | 37.78 3.13 -0.67 | 41.07 2.83 0.06 | 45.27 3.43 0.00 | 42.04 3.11 0.00 | 39.02 2.69 0.00 | 36.31 2.66 0.00 | 32.70 2.31 0.00 | 28.88 2.36 -0.01 | 26.37 1.98 0.00 |
| EAST HAMPTON___GT 23717 | 27.24 3.41 -0.01 | 25.81 3.03 -0.01 | 21.72 2.72 -0.01 | 21.24 2.56 0.00 | 20.65 2.23 0.00 | 21.97 2.42 0.00 | 24.11 2.77 0.00 | 24.15 2.84 0.00 | 25.71 3.60 0.00 | 24.46 3.04 0.00 | 27.70 3.82 -0.18 | 28.77 4.26 -0.56 | 29.80 4.02 -0.33 | 31.41 3.34 -0.44 | 34.96 3.41 -0.57 | 38.59 3.94 -0.67 | 42.29 4.06 0.06 | 46.57 4.73 0.00 | 43.32 4.40 0.00 | 40.22 3.89 0.00 | 37.09 3.43 0.00 | 33.85 3.46 0.00 | 29.43 2.92 0.00 | 27.74 3.34 -0.01 |
| EAST RIVER___6 23660 | 25.28 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.68 1.13 0.00 | 22.69 1.35 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.23 2.44 -0.33 | 30.59 2.51 -0.44 | 34.12 2.57 -0.57 | 37.61 2.96 -0.67 | 40.95 2.72 0.06 | 45.31 3.47 0.00 | 41.80 2.88 0.00 | 38.95 2.62 0.00 | 36.21 2.56 0.00 | 32.49 2.10 0.00 | 28.45 1.93 0.00 | 26.03 1.63 0.00 |
| EAST RIVER___7 23524 | 25.28 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.68 1.13 0.00 | 22.69 1.35 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.23 2.44 -0.33 | 30.59 2.51 -0.44 | 34.12 2.57 -0.57 | 37.61 2.96 -0.67 | 40.95 2.72 0.06 | 45.31 3.47 0.00 | 41.80 2.88 0.00 | 38.95 2.62 0.00 | 36.21 2.56 0.00 | 32.49 2.10 0.00 | 28.45 1.93 0.00 | 26.03 1.63 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 25.16 1.33 0.00 | 23.86 1.09 0.00 | 20.08 1.08 0.00 | 19.67 0.99 0.00 | 19.33 0.90 0.00 | 20.62 1.07 0.00 | 22.60 1.26 0.00 | 22.91 1.60 0.00 | 23.94 1.83 0.00 | 23.03 1.61 0.00 | 25.73 1.85 -0.18 | 26.59 2.06 -0.57 | 27.92 2.14 -0.33 | 30.34 2.27 -0.44 | 33.84 2.29 -0.57 | 37.34 2.68 -0.67 | 40.68 2.45 0.06 | 44.94 3.10 0.00 | 41.72 2.80 0.00 | 38.84 2.51 0.00 | 36.11 2.46 0.00 | 32.40 2.01 0.00 | 28.29 1.78 0.00 | 25.90 1.51 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 27.24 3.41 -0.01 | 25.83 3.05 -0.01 | 21.72 2.72 -0.01 | 21.24 2.56 0.00 | 20.65 2.23 0.00 | 21.97 2.42 0.00 | 24.11 2.77 0.00 | 24.17 2.86 0.00 | 25.73 3.63 0.00 | 24.46 3.04 0.00 | 27.70 3.82 -0.18 | 28.80 4.29 -0.56 | 29.80 4.02 -0.33 | 31.44 3.37 -0.44 | 34.99 3.44 -0.57 | 38.59 3.94 -0.67 | 42.29 4.06 0.06 | 46.57 4.73 0.00 | 43.32 4.40 0.00 | 40.22 3.89 0.00 | 37.09 3.43 0.00 | 33.85 3.46 0.00 | 29.43 2.92 0.00 | 27.74 3.34 -0.01 |
| EAST_POINT___SOLAR 323840 | 25.39 1.57 0.00 | 24.18 1.41 0.00 | 20.25 1.25 0.00 | 19.89 1.21 0.00 | 19.66 1.23 0.00 | 20.89 1.35 0.00 | 22.73 1.39 0.00 | 22.59 1.28 0.00 | 23.34 1.24 0.00 | 22.32 0.90 0.00 | 24.52 0.92 0.10 | 24.89 1.01 0.07 | 26.37 1.09 0.18 | 28.67 1.27 0.23 | 32.35 1.67 0.30 | 35.43 1.80 0.35 | 40.03 1.99 0.26 | 44.86 3.01 0.00 | 42.31 3.38 0.00 | 39.82 3.49 0.00 | 36.92 3.26 0.00 | 33.00 2.61 0.00 | 28.80 2.28 0.00 | 26.29 1.90 0.00 |
| EAST_PULASKI___ESR 323781 | 23.82 0.00 0.00 | 22.66 -0.11 0.00 | 18.96 -0.04 0.00 | 18.62 -0.06 0.00 | 18.40 -0.02 0.00 | 19.56 0.02 0.00 | 21.36 0.02 0.00 | 21.21 -0.11 0.00 | 21.93 -0.18 0.00 | 21.19 -0.24 0.00 | 23.41 -0.28 0.00 | 23.79 -0.17 0.00 | 25.30 -0.15 0.00 | 27.55 -0.08 0.00 | 30.98 0.00 0.00 | 33.78 -0.20 0.00 | 38.10 -0.27 -0.07 | 41.72 -0.13 0.00 | 38.84 -0.08 0.00 | 36.44 0.11 0.00 | 33.69 0.03 0.00 | 30.36 -0.03 0.00 | 26.60 0.08 0.00 | 24.44 0.05 0.00 |
| EAST_RIVER___1 323558 | 25.30 1.48 0.00 | 23.97 1.21 0.00 | 20.19 1.20 0.00 | 19.84 1.16 0.00 | 19.49 1.07 0.00 | 20.70 1.15 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.20 2.42 -0.33 | 30.56 2.49 -0.44 | 34.09 2.54 -0.57 | 37.54 2.89 -0.67 | 40.87 2.64 0.06 | 45.27 3.43 0.00 | 41.80 2.88 0.00 | 38.95 2.62 0.00 | 36.21 2.56 0.00 | 32.52 2.13 0.00 | 28.45 1.93 0.00 | 26.05 1.66 0.00 |
| EAST_RIVER___2 323559 | 25.28 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.82 1.14 0.00 | 19.47 1.05 0.00 | 20.68 1.13 0.00 | 22.69 1.35 0.00 | 23.08 1.77 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.23 2.44 -0.33 | 30.59 2.51 -0.44 | 34.12 2.57 -0.57 | 37.61 2.96 -0.67 | 40.95 2.72 0.06 | 45.31 3.47 0.00 | 41.80 2.88 0.00 | 38.95 2.62 0.00 | 36.21 2.56 0.00 | 32.49 2.10 0.00 | 28.45 1.93 0.00 | 26.03 1.63 0.00 |
| EAST___DELAWARE_HYD 23607 | 24.63 0.81 0.00 | 23.36 0.59 0.00 | 19.64 0.65 0.00 | 19.29 0.62 0.00 | 18.97 0.55 0.00 | 20.13 0.59 0.00 | 22.04 0.70 0.00 | 22.17 0.85 0.00 | 23.10 1.00 0.00 | 22.19 0.77 0.00 | 24.72 0.92 -0.10 | 25.09 1.08 -0.06 | 26.78 1.15 -0.19 | 29.09 1.21 -0.25 | 32.51 1.21 -0.32 | 35.79 1.43 -0.37 | 39.57 1.34 0.06 | 43.68 1.84 0.00 | 40.59 1.67 0.00 | 38.01 1.67 0.00 | 35.30 1.65 0.00 | 31.64 1.25 0.00 | 27.58 1.06 0.00 | 25.27 0.88 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 24.66 0.83 0.00 | 23.18 0.41 0.00 | 19.66 0.66 0.00 | 19.22 0.54 0.00 | 19.07 0.64 0.00 | 20.29 0.74 0.00 | 22.07 0.73 0.00 | 22.21 0.90 0.00 | 22.83 0.73 0.00 | 22.11 0.69 0.00 | 24.64 0.95 0.00 | 25.10 1.15 0.00 | 26.82 1.37 0.00 | 29.45 1.82 0.00 | 33.67 2.69 0.00 | 36.74 2.75 0.00 | 41.26 2.61 -0.36 | 45.82 3.98 0.00 | 42.38 3.46 0.00 | 39.61 3.27 0.00 | 36.21 2.56 0.00 | 31.97 1.58 0.00 | 28.08 1.56 0.00 | 25.56 1.17 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 23.92 0.10 0.00 | 22.72 -0.05 0.00 | 19.05 0.06 0.00 | 18.68 0.00 0.00 | 18.46 0.04 0.00 | 19.64 0.10 0.00 | 21.40 0.06 0.00 | 21.29 -0.02 0.00 | 22.04 -0.07 0.00 | 21.31 -0.11 0.00 | 23.60 -0.09 0.00 | 23.98 0.02 0.00 | 25.55 0.10 0.00 | 27.77 0.14 0.00 | 31.35 0.37 0.00 | 34.33 0.34 0.00 | 38.79 0.38 -0.12 | 42.55 0.71 0.00 | 39.43 0.51 0.00 | 36.84 0.51 0.00 | 34.02 0.37 0.00 | 30.51 0.12 0.00 | 26.70 0.19 0.00 | 24.56 0.17 0.00 |
| ELEC_TRO_TEK 24086 | 25.61 1.79 0.00 | 24.27 1.50 0.00 | 20.44 1.44 0.00 | 19.98 1.31 0.00 | 19.53 1.11 0.00 | 20.85 1.31 0.00 | 22.92 1.58 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.06 2.18 -0.18 | 26.93 2.42 -0.56 | 28.30 2.52 -0.33 | 30.34 2.27 -0.44 | 33.72 2.17 -0.57 | 37.24 2.58 -0.67 | 40.65 2.41 0.06 | 44.90 3.05 0.00 | 41.92 3.00 0.00 | 38.95 2.62 0.00 | 36.18 2.52 0.00 | 32.73 2.34 0.00 | 28.48 1.96 0.00 | 26.39 2.00 0.00 |

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|--------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|
| ELLENBURG_WT_PWR 323604 | 24.25 0.43 0.00 | 23.41 0.64 0.00 | 19.34 0.34 0.00 | 19.01 0.34 0.00 | 18.74 0.31 0.00 | 19.99 0.45 0.00 | 21.87 0.53 0.00 | 21.38 0.06 0.00 | 22.15 0.04 0.00 | 21.59 0.17 0.00 | 23.88 0.19 0.00 | 23.91 -0.05 0.00 | 25.45 0.00 0.00 | 27.55 -0.08 0.00 | 30.83 -0.15 0.00 | 33.88 -0.10 0.00 | 38.67 0.38 0.00 | 41.09 -0.75 0.00 | 38.92 0.00 0.00 | 36.19 -0.14 0.00 | 33.35 -0.30 0.00 | 30.24 -0.15 0.00 | 26.28 -0.24 0.00 | 24.63 0.24 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 24.11 0.29 0.00 | 22.63 -0.14 0.00 | 19.32 0.32 0.00 | 18.77 0.09 0.00 | 18.66 0.24 0.00 | 19.88 0.33 0.00 | 21.57 0.23 0.00 | 21.53 0.21 0.00 | 22.26 0.15 0.00 | 21.59 0.17 0.00 | 24.22 0.52 0.00 | 24.65 0.69 0.00 | 26.34 0.89 0.00 | 28.82 1.19 0.00 | 33.58 2.60 0.00 | 36.30 2.31 0.00 | 41.20 2.64 -0.27 | 45.57 3.72 0.00 | 41.72 2.80 0.00 | 38.91 2.58 0.00 | 35.57 1.92 0.00 | 31.21 0.82 0.00 | 27.50 0.98 0.00 | 25.32 0.93 0.00 |
| EMPIRE_CC_1 323656 | 24.23 0.40 0.00 | 23.09 0.32 0.00 | 19.41 0.42 0.00 | 19.16 0.48 0.00 | 18.86 0.44 0.00 | 19.97 0.43 0.00 | 21.85 0.51 0.00 | 21.95 0.64 0.00 | 22.77 0.66 0.00 | 21.87 0.45 0.00 | 23.77 0.38 0.31 | 24.23 0.53 0.25 | 25.36 0.46 0.55 | 27.36 0.47 0.74 | 30.43 0.40 0.95 | 33.39 0.51 1.11 | 38.64 0.34 0.00 | 42.51 0.67 0.00 | 39.66 0.74 0.00 | 37.17 0.84 0.00 | 34.46 0.81 0.00 | 31.03 0.64 0.00 | 27.05 0.53 0.00 | 24.88 0.49 0.00 |
| EMPIRE_CC_2 323658 | 24.23 0.40 0.00 | 23.09 0.32 0.00 | 19.41 0.42 0.00 | 19.16 0.48 0.00 | 18.86 0.44 0.00 | 19.97 0.43 0.00 | 21.85 0.51 0.00 | 21.95 0.64 0.00 | 22.77 0.66 0.00 | 21.87 0.45 0.00 | 23.77 0.38 0.31 | 24.23 0.53 0.25 | 25.36 0.46 0.55 | 27.36 0.47 0.74 | 30.43 0.40 0.95 | 33.39 0.51 1.11 | 38.64 0.34 0.00 | 42.51 0.67 0.00 | 39.66 0.74 0.00 | 37.17 0.84 0.00 | 34.46 0.81 0.00 | 31.03 0.64 0.00 | 27.05 0.53 0.00 | 24.88 0.49 0.00 |
| ENORWICH_115KV_TB1 80156 | 25.87 2.05 0.00 | 24.54 1.78 0.00 | 20.55 1.56 0.00 | 20.06 1.38 0.00 | 19.88 1.46 0.00 | 21.22 1.68 0.00 | 23.30 1.96 0.00 | 24.26 2.94 0.00 | 24.96 2.85 0.00 | 23.86 2.44 0.00 | 26.35 2.65 0.00 | 26.90 2.95 0.00 | 28.63 3.18 0.00 | 31.41 3.79 0.00 | 35.56 4.58 0.00 | 38.88 4.89 0.00 | 47.07 5.59 -3.19 | 46.53 4.69 0.00 | 43.48 4.55 0.00 | 40.91 4.58 0.00 | 37.76 4.11 0.00 | 33.67 3.28 0.00 | 29.19 2.68 0.00 | 26.59 2.20 0.00 |
| ERIE_ST_34_KV_TB1-2 80199 | 24.39 0.57 0.00 | 22.86 0.09 0.00 | 19.53 0.53 0.00 | 18.96 0.28 0.00 | 18.86 0.44 0.00 | 20.11 0.57 0.00 | 21.85 0.51 0.00 | 21.87 0.55 0.00 | 22.61 0.51 0.00 | 21.96 0.54 0.00 | 24.64 0.95 0.00 | 25.08 1.13 0.00 | 26.85 1.40 0.00 | 29.42 1.80 0.00 | 34.23 3.25 0.00 | 37.08 3.09 0.00 | 41.29 2.72 -0.28 | 46.53 4.69 0.00 | 42.62 3.70 0.00 | 39.64 3.31 0.00 | 36.18 2.52 0.00 | 31.79 1.40 0.00 | 27.95 1.43 0.00 | 25.68 1.29 0.00 |
| ERIE_WT_PWR 323693 | 24.27 0.45 0.00 | 22.79 0.02 0.00 | 19.45 0.46 0.00 | 18.96 0.28 0.00 | 18.83 0.40 0.00 | 20.01 0.47 0.00 | 21.72 0.38 0.00 | 21.82 0.51 0.00 | 22.44 0.33 0.00 | 21.76 0.34 0.00 | 24.43 0.74 0.00 | 24.89 0.93 0.00 | 26.57 1.12 0.00 | 29.31 1.69 0.00 | 33.98 3.00 0.00 | 36.94 2.96 0.00 | 41.40 2.83 -0.28 | 46.07 4.22 0.00 | 42.43 3.50 0.00 | 39.57 3.23 0.00 | 36.24 2.59 0.00 | 31.82 1.43 0.00 | 27.97 1.46 0.00 | 25.59 1.19 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 25.18 1.36 0.00 | 23.95 1.18 0.00 | 20.06 1.06 0.00 | 19.65 0.97 0.00 | 19.42 0.99 0.00 | 20.70 1.15 0.00 | 22.62 1.28 0.00 | 22.59 1.28 0.00 | 23.39 1.28 0.00 | 22.47 1.05 0.00 | 24.77 1.14 0.07 | 25.16 1.27 0.06 | 26.71 1.37 0.12 | 29.07 1.60 0.16 | 32.76 1.98 0.20 | 35.86 2.11 0.24 | 40.16 2.30 0.43 | 44.85 3.01 0.00 | 42.04 3.11 0.00 | 39.42 3.09 0.00 | 36.51 2.86 0.00 | 32.67 2.28 0.00 | 28.48 1.96 0.00 | 26.05 1.66 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 24.58 0.76 0.00 | 23.32 0.55 0.00 | 19.59 0.59 0.00 | 19.16 0.49 0.00 | 18.96 0.53 0.00 | 20.19 0.64 0.00 | 22.04 0.70 0.00 | 21.91 0.60 0.00 | 22.66 0.55 0.00 | 21.87 0.45 0.00 | 24.19 0.50 0.00 | 24.58 0.62 0.00 | 26.16 0.71 0.00 | 28.48 0.86 0.00 | 32.16 1.18 0.00 | 35.24 1.26 0.00 | 39.92 1.38 -0.25 | 44.06 2.22 0.00 | 40.95 2.02 0.00 | 38.33 2.00 0.00 | 35.37 1.72 0.00 | 31.64 1.25 0.00 | 27.66 1.14 0.00 | 25.32 0.93 0.00 |
| ETNA____115KV_TB2 80207 | 24.58 0.76 0.00 | 23.32 0.55 0.00 | 19.59 0.59 0.00 | 19.16 0.49 0.00 | 18.96 0.53 0.00 | 20.19 0.64 0.00 | 22.04 0.70 0.00 | 21.91 0.60 0.00 | 22.66 0.55 0.00 | 21.87 0.45 0.00 | 24.19 0.50 0.00 | 24.58 0.62 0.00 | 26.16 0.71 0.00 | 28.48 0.86 0.00 | 32.16 1.18 0.00 | 35.24 1.26 0.00 | 39.92 1.38 -0.25 | 44.06 2.22 0.00 | 40.95 2.02 0.00 | 38.33 2.00 0.00 | 35.37 1.72 0.00 | 31.64 1.25 0.00 | 27.66 1.14 0.00 | 25.32 0.93 0.00 |
| EUCLID____115KV_TB2 356179 | 23.80 -0.02 0.00 | 22.61 -0.16 0.00 | 18.98 -0.02 0.00 | 18.60 -0.07 0.00 | 18.37 -0.06 0.00 | 19.54 0.00 0.00 | 21.30 -0.04 0.00 | 21.12 -0.19 0.00 | 21.86 -0.24 0.00 | 21.16 -0.26 0.00 | 23.43 -0.26 0.00 | 23.79 -0.17 0.00 | 25.32 -0.13 0.00 | 27.55 -0.08 0.00 | 31.04 0.06 0.00 | 33.99 0.00 0.00 | 38.34 -0.04 -0.09 | 42.01 0.17 0.00 | 38.96 0.04 0.00 | 36.55 0.22 0.00 | 33.75 0.10 0.00 | 30.30 -0.09 0.00 | 26.54 0.03 0.00 | 24.42 0.02 0.00 |
| E_CANADA_CAP_HY 24051 | 25.35 1.53 0.00 | 24.13 1.37 0.00 | 20.21 1.22 0.00 | 19.85 1.18 0.00 | 19.62 1.20 0.00 | 20.85 1.31 0.00 | 22.71 1.37 0.00 | 22.59 1.28 0.00 | 23.34 1.24 0.00 | 22.34 0.92 0.00 | 24.55 0.95 0.10 | 24.94 1.05 0.07 | 26.40 1.12 0.17 | 28.73 1.33 0.23 | 32.39 1.70 0.30 | 35.44 1.80 0.35 | 39.98 1.95 0.27 | 44.77 2.93 0.00 | 42.19 3.27 0.00 | 39.67 3.34 0.00 | 36.78 3.13 0.00 | 32.88 2.49 0.00 | 28.74 2.23 0.00 | 26.22 1.83 0.00 |
| E_CANADA_MHWK_HY 24050 | 24.20 0.38 0.00 | 23.06 0.30 0.00 | 19.30 0.30 0.00 | 18.96 0.28 0.00 | 18.72 0.29 0.00 | 19.87 0.33 0.00 | 21.72 0.38 0.00 | 21.70 0.38 0.00 | 22.48 0.38 0.00 | 21.74 0.32 0.00 | 24.05 0.36 0.00 | 24.39 0.43 0.00 | 25.91 0.46 0.00 | 28.15 0.52 0.00 | 31.57 0.59 0.00 | 34.53 0.54 0.00 | 38.83 0.54 0.00 | 42.55 0.71 0.00 | 39.62 0.70 0.00 | 37.10 0.76 0.00 | 34.33 0.67 0.00 | 30.94 0.55 0.00 | 27.02 0.50 0.00 | 24.83 0.44 0.00 |
| E_FISHKILL____LBMP 23776 | 24.92 1.10 0.00 | 23.66 0.89 0.00 | 19.91 0.91 0.00 | 19.52 0.84 0.00 | 19.18 0.76 0.00 | 20.44 0.90 0.00 | 22.41 1.07 0.00 | 22.66 1.34 0.00 | 23.61 1.50 0.00 | 22.71 1.29 0.00 | 25.35 1.47 -0.19 | 25.87 1.65 -0.27 | 27.52 1.73 -0.34 | 29.90 1.82 -0.45 | 33.39 1.83 -0.58 | 36.84 2.18 -0.68 | 40.15 1.91 0.06 | 44.35 2.51 0.00 | 41.26 2.34 0.00 | 38.44 2.11 0.00 | 35.71 2.05 0.00 | 32.06 1.67 0.00 | 28.00 1.48 0.00 | 25.66 1.27 0.00 |
| FALCON____SEABRD_CC1 323796 | 24.30 0.48 0.00 | 23.45 0.68 0.00 | 19.36 0.36 0.00 | 19.03 0.35 0.00 | 18.75 0.33 0.00 | 20.01 0.47 0.00 | 21.92 0.58 0.00 | 21.36 0.04 0.00 | 22.15 0.04 0.00 | 21.57 0.15 0.00 | 23.86 0.17 0.00 | 23.88 -0.07 0.00 | 25.42 -0.03 0.00 | 27.55 -0.08 0.00 | 30.79 -0.18 0.00 | 33.88 -0.10 0.00 | 38.67 0.38 0.00 | 41.05 -0.80 0.00 | 38.92 0.00 0.00 | 36.19 -0.14 0.00 | 33.42 -0.23 0.00 | 30.30 -0.09 0.00 | 26.30 -0.21 0.00 | 24.73 0.34 0.00 |

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| FALCON___SEABRD_CC2 323797 | 24.30 0.48 0.00 | 23.45 0.68 0.00 | 19.36 0.36 0.00 | 19.03 0.35 0.00 | 18.75 0.33 0.00 | 20.01 0.47 0.00 | 21.92 0.58 0.00 | 21.36 0.04 0.00 | 22.15 0.04 0.00 | 21.57 0.15 0.00 | 23.86 0.17 0.00 | 23.88 -0.07 0.00 | 25.42 -0.03 0.00 | 27.55 -0.08 0.00 | 30.79 -0.18 0.00 | 33.88 -0.10 0.00 | 38.67 0.38 0.00 | 41.05 -0.80 0.00 | 38.92 0.00 0.00 | 36.19 -0.14 0.00 | 33.42 -0.23 0.00 | 30.30 -0.09 0.00 | 26.30 -0.21 0.00 | 24.73 0.34 0.00 |
| FAR ROCKAWAY___4 23548 | 26.01 2.19 0.00 | 24.66 1.89 0.00 | 20.76 1.77 0.00 | 20.28 1.61 0.00 | 19.80 1.38 0.00 | 21.15 1.60 0.00 | 23.22 1.88 0.00 | 23.30 1.98 0.00 | 24.58 2.48 0.00 | 23.52 2.10 0.00 | 26.49 2.61 -0.18 | 27.39 2.87 -0.56 | 28.79 3.00 -0.33 | 30.81 2.74 -0.44 | 34.28 2.73 -0.57 | 37.88 3.23 -0.67 | 41.37 3.14 0.06 | 45.73 3.89 0.00 | 42.70 3.78 0.00 | 39.64 3.31 0.00 | 36.82 3.16 0.00 | 33.31 2.92 0.00 | 28.90 2.39 0.00 | 26.81 2.41 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 25.30 1.48 0.00 | 23.98 1.21 0.00 | 20.19 1.20 0.00 | 19.76 1.08 0.00 | 19.40 0.98 0.00 | 20.72 1.17 0.00 | 22.77 1.43 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.23 2.44 -0.33 | 30.64 2.57 -0.44 | 34.15 2.60 -0.57 | 37.71 3.06 -0.67 | 40.99 2.76 0.06 | 45.31 3.47 0.00 | 42.04 3.11 0.00 | 39.06 2.73 0.00 | 36.31 2.66 0.00 | 32.61 2.22 0.00 | 28.53 2.02 0.00 | 26.07 1.68 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 25.32 1.50 0.00 | 23.98 1.21 0.00 | 20.19 1.20 0.00 | 19.76 1.08 0.00 | 19.40 0.98 0.00 | 20.72 1.17 0.00 | 22.77 1.43 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.23 2.44 -0.33 | 30.64 2.57 -0.44 | 34.15 2.60 -0.57 | 37.71 3.06 -0.67 | 40.99 2.76 0.06 | 45.31 3.47 0.00 | 42.04 3.11 0.00 | 39.06 2.73 0.00 | 36.31 2.66 0.00 | 32.61 2.22 0.00 | 28.53 2.02 0.00 | 26.10 1.71 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 25.30 1.48 0.00 | 23.98 1.21 0.00 | 20.19 1.20 0.00 | 19.76 1.08 0.00 | 19.38 0.96 0.00 | 20.72 1.17 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.20 2.42 -0.33 | 30.64 2.57 -0.44 | 34.12 2.57 -0.57 | 37.71 3.06 -0.67 | 40.95 2.72 0.06 | 45.27 3.43 0.00 | 42.00 3.07 0.00 | 39.02 2.69 0.00 | 36.28 2.62 0.00 | 32.58 2.19 0.00 | 28.50 1.99 0.00 | 26.07 1.68 0.00 |
| FARRAGUT___LBMP 323566 | 25.28 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.10 1.79 0.00 | 24.14 2.03 0.00 | 23.22 1.80 0.00 | 25.94 2.06 -0.18 | 26.77 2.28 -0.54 | 28.18 2.39 -0.33 | 30.59 2.51 -0.44 | 34.09 2.54 -0.57 | 37.64 2.99 -0.67 | 40.91 2.68 0.06 | 45.23 3.39 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.50 1.99 0.00 | 26.05 1.66 0.00 |
| FENNER___WINDPWR 24204 | 24.54 0.71 0.00 | 23.31 0.55 0.00 | 19.53 0.53 0.00 | 19.16 0.48 0.00 | 18.96 0.53 0.00 | 20.13 0.59 0.00 | 22.02 0.68 0.00 | 21.98 0.66 0.00 | 22.72 0.62 0.00 | 21.93 0.51 0.00 | 24.24 0.55 0.00 | 24.62 0.67 0.00 | 26.21 0.76 0.00 | 28.54 0.91 0.00 | 32.16 1.18 0.00 | 35.21 1.22 0.00 | 39.76 1.34 -0.13 | 43.68 1.84 0.00 | 40.67 1.75 0.00 | 38.08 1.74 0.00 | 35.20 1.55 0.00 | 31.61 1.22 0.00 | 27.55 1.03 0.00 | 25.24 0.85 0.00 |
| FIBERTEK___ENERGY 23856 | 24.01 0.19 0.00 | 22.81 0.05 0.00 | 19.13 0.13 0.00 | 18.75 0.07 0.00 | 18.51 0.09 0.00 | 19.72 0.18 0.00 | 21.49 0.15 0.00 | 21.38 0.06 0.00 | 22.13 0.02 0.00 | 21.42 0.00 0.00 | 23.70 0.00 0.00 | 24.07 0.12 0.00 | 25.65 0.20 0.00 | 27.90 0.28 0.00 | 31.51 0.53 0.00 | 34.46 0.48 0.00 | 38.94 0.54 -0.11 | 42.68 0.84 0.00 | 39.58 0.66 0.00 | 36.99 0.65 0.00 | 34.16 0.50 0.00 | 30.63 0.24 0.00 | 26.83 0.32 0.00 | 24.66 0.27 0.00 |
| FITZPATRICK____ 23598 | 23.39 -0.43 0.00 | 22.27 -0.50 0.00 | 18.63 -0.36 0.00 | 18.32 -0.36 0.00 | 18.09 -0.33 0.00 | 19.21 -0.33 0.00 | 20.91 -0.43 0.00 | 20.74 -0.57 0.00 | 21.46 -0.64 0.00 | 20.78 -0.64 0.00 | 23.01 -0.69 0.00 | 23.33 -0.62 0.00 | 24.81 -0.64 0.00 | 26.99 -0.63 0.00 | 30.39 -0.59 0.00 | 33.27 -0.72 0.00 | 37.51 -0.84 -0.06 | 41.09 -0.75 0.00 | 38.18 -0.74 0.00 | 35.68 -0.65 0.00 | 32.98 -0.67 0.00 | 29.66 -0.73 0.00 | 25.96 -0.56 0.00 | 23.93 -0.46 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 26.28 2.45 0.00 | 24.91 2.14 0.00 | 20.95 1.96 0.00 | 20.43 1.76 0.00 | 19.90 1.47 0.00 | 21.28 1.74 0.00 | 23.39 2.05 0.00 | 23.38 2.07 0.00 | 24.76 2.65 0.00 | 23.54 2.12 0.00 | 26.58 2.70 -0.18 | 27.55 3.04 -0.56 | 28.94 3.16 -0.33 | 30.72 2.65 -0.44 | 34.00 2.45 -0.57 | 37.64 2.99 -0.67 | 41.03 2.80 0.06 | 45.23 3.39 0.00 | 42.35 3.43 0.00 | 39.42 3.09 0.00 | 36.65 3.00 0.00 | 33.43 3.04 0.00 | 29.09 2.57 0.00 | 27.10 2.71 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 25.23 1.41 0.00 | 23.91 1.14 0.00 | 20.14 1.14 0.00 | 19.70 1.03 0.00 | 19.36 0.94 0.00 | 20.64 1.09 0.00 | 22.56 1.22 0.00 | 22.72 1.41 0.00 | 23.67 1.57 0.00 | 22.73 1.31 0.00 | 25.33 1.49 -0.14 | 25.77 1.65 -0.16 | 27.47 1.76 -0.26 | 29.91 1.93 -0.34 | 33.41 1.98 -0.44 | 36.88 2.38 -0.52 | 40.38 2.14 0.06 | 44.64 2.80 0.00 | 41.69 2.76 0.00 | 38.91 2.58 0.00 | 36.14 2.49 0.00 | 32.43 2.04 0.00 | 28.29 1.78 0.00 | 25.90 1.51 0.00 |
| FORT ORANGE____ 23900 | 24.23 0.40 0.00 | 23.06 0.30 0.00 | 19.41 0.42 0.00 | 19.14 0.47 0.00 | 18.86 0.44 0.00 | 19.95 0.41 0.00 | 21.83 0.49 0.00 | 21.89 0.58 0.00 | 22.70 0.60 0.00 | 21.83 0.41 0.00 | 23.90 0.36 0.15 | 24.37 0.53 0.11 | 25.64 0.46 0.27 | 27.77 0.50 0.35 | 30.99 0.47 0.46 | 34.07 0.61 0.53 | 38.73 0.50 0.05 | 42.72 0.88 0.00 | 39.85 0.93 0.00 | 37.39 1.05 0.00 | 34.66 1.01 0.00 | 31.15 0.76 0.00 | 27.15 0.64 0.00 | 24.90 0.51 0.00 |
| FORT_DRUM_COGEN 23780 | 24.04 0.21 0.00 | 22.93 0.16 0.00 | 19.11 0.11 0.00 | 18.83 0.15 0.00 | 18.66 0.24 0.00 | 19.80 0.25 0.00 | 21.70 0.36 0.00 | 21.55 0.23 0.00 | 22.21 0.11 0.00 | 21.40 -0.02 0.00 | 23.55 -0.14 0.00 | 23.93 -0.02 0.00 | 25.42 -0.03 0.00 | 27.66 0.03 0.00 | 30.95 -0.03 0.00 | 33.88 -0.10 0.00 | 38.33 0.04 0.00 | 42.05 0.21 0.00 | 39.39 0.47 0.00 | 37.13 0.80 0.00 | 34.36 0.71 0.00 | 30.94 0.55 0.00 | 26.91 0.40 0.00 | 24.66 0.27 0.00 |
| FOX_HILLS___ESR 323835 | 25.47 1.64 -0.01 | 24.21 1.43 -0.01 | 20.30 1.29 -0.01 | 19.84 1.16 0.00 | 19.44 1.01 0.00 | 20.68 1.13 0.00 | 22.66 1.32 0.00 | 23.02 1.71 0.00 | 24.09 1.99 0.00 | 23.18 1.76 0.00 | 25.94 2.06 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.67 2.60 -0.44 | 34.18 2.63 -0.57 | 37.81 3.16 -0.67 | 41.11 2.87 0.06 | 45.31 3.47 0.00 | 42.11 3.19 0.00 | 39.06 2.73 0.00 | 36.34 2.69 0.00 | 32.55 2.16 0.00 | 28.65 2.12 -0.01 | 26.15 1.76 0.00 |
| FPL FAR_ROCK_GT1 24212 | 26.02 2.19 -0.01 | 24.67 1.89 -0.01 | 20.77 1.77 -0.01 | 20.38 1.70 0.00 | 19.90 1.47 0.00 | 21.15 1.60 0.00 | 23.22 1.88 0.00 | 23.30 1.98 0.00 | 24.58 2.48 0.00 | 23.52 2.10 0.00 | 26.49 2.61 -0.18 | 27.38 2.87 -0.56 | 28.56 2.77 -0.33 | 30.42 2.35 -0.44 | 33.97 2.42 -0.57 | 37.37 2.72 -0.67 | 40.84 2.61 0.06 | 44.98 3.14 0.00 | 41.80 2.88 0.00 | 38.88 2.54 0.00 | 36.08 2.42 0.00 | 32.70 2.31 0.00 | 28.53 2.01 0.00 | 26.69 2.29 -0.01 |

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| FPL FAR_ROCK_GT2 23815 | 26.02 2.19 -0.01 | 24.67 1.89 -0.01 | 20.77 1.77 -0.01 | 20.38 1.70 0.00 | 19.90 1.47 0.00 | 21.15 1.60 0.00 | 23.22 1.88 0.00 | 23.30 1.98 0.00 | 24.58 2.48 0.00 | 23.52 2.10 0.00 | 26.49 2.61 -0.18 | 27.38 2.87 -0.56 | 28.56 2.77 -0.33 | 30.42 2.35 -0.44 | 33.97 2.42 -0.57 | 37.37 2.72 -0.67 | 40.84 2.61 0.06 | 44.98 3.14 0.00 | 41.80 2.88 0.00 | 38.88 2.54 0.00 | 36.08 2.42 0.00 | 32.70 2.31 0.00 | 28.53 2.01 0.00 | 26.69 2.29 -0.01 |
| FRANKLIN_FALL_HYD 24054 | 23.66 -0.17 0.00 | 22.88 0.11 0.00 | 18.84 -0.15 0.00 | 18.77 0.09 0.00 | 18.51 0.09 0.00 | 19.45 -0.10 0.00 | 21.30 -0.04 0.00 | 21.06 -0.26 0.00 | 21.79 -0.31 0.00 | 21.23 -0.19 0.00 | 23.48 -0.21 0.00 | 23.50 -0.46 0.00 | 24.99 -0.46 0.00 | 27.08 -0.55 0.00 | 30.14 -0.84 0.00 | 33.17 -0.82 0.00 | 38.14 -0.15 0.00 | 41.05 -0.79 0.00 | 38.10 -0.82 0.00 | 35.53 -0.80 0.00 | 32.91 -0.74 0.00 | 29.90 -0.49 0.00 | 25.99 -0.53 0.00 | 24.10 -0.29 0.00 |
| FREEPORT_EQUS_GT1 23764 | 25.90 2.07 -0.01 | 24.55 1.78 -0.01 | 20.68 1.67 -0.01 | 20.26 1.59 0.00 | 19.80 1.38 0.00 | 21.05 1.50 0.00 | 23.13 1.79 0.00 | 23.08 1.77 0.00 | 24.36 2.26 0.00 | 23.31 1.89 0.00 | 26.15 2.27 -0.18 | 27.15 2.63 -0.56 | 28.25 2.47 -0.33 | 30.06 1.99 -0.44 | 33.50 1.95 -0.57 | 37.00 2.34 -0.67 | 40.38 2.14 0.06 | 44.48 2.64 0.00 | 41.38 2.45 0.00 | 38.51 2.18 0.00 | 35.71 2.05 0.00 | 32.43 2.04 0.00 | 28.34 1.83 0.00 | 26.57 2.17 -0.01 |
| FREEPORT___CT2 23818 | 25.90 2.07 -0.01 | 24.55 1.78 -0.01 | 20.68 1.67 -0.01 | 20.26 1.59 0.00 | 19.80 1.38 0.00 | 21.05 1.50 0.00 | 23.13 1.79 0.00 | 23.08 1.77 0.00 | 24.36 2.26 0.00 | 23.31 1.89 0.00 | 26.15 2.27 -0.18 | 27.15 2.63 -0.56 | 28.25 2.47 -0.33 | 30.06 1.99 -0.44 | 33.50 1.95 -0.57 | 37.00 2.34 -0.67 | 40.38 2.14 0.06 | 44.48 2.64 0.00 | 41.38 2.45 0.00 | 38.51 2.18 0.00 | 35.71 2.05 0.00 | 32.43 2.04 0.00 | 28.34 1.83 0.00 | 26.57 2.17 -0.01 |
| FRESHKLS_33_KV_LOAD 356253 | 25.45 1.62 -0.01 | 24.23 1.46 -0.01 | 20.28 1.27 -0.01 | 19.80 1.12 0.00 | 19.40 0.98 0.00 | 20.62 1.07 0.00 | 22.59 1.26 0.01 | 22.95 1.64 0.01 | 24.02 1.92 0.01 | 23.11 1.69 0.01 | 25.86 1.99 -0.18 | 26.72 2.23 -0.54 | 28.17 2.39 -0.32 | 30.58 2.51 -0.43 | 34.11 2.57 -0.56 | 37.74 3.09 -0.66 | 41.02 2.80 0.07 | 45.26 3.43 0.01 | 42.07 3.15 0.01 | 39.01 2.69 0.01 | 36.27 2.62 0.01 | 32.48 2.10 0.01 | 28.59 2.07 -0.01 | 26.12 1.73 0.00 |
| FULTON COGEN____ 23766 | 23.75 -0.07 0.00 | 22.56 -0.20 0.00 | 18.92 -0.08 0.00 | 18.55 -0.13 0.00 | 18.33 -0.09 0.00 | 19.50 -0.04 0.00 | 21.25 -0.09 0.00 | 21.10 -0.21 0.00 | 21.86 -0.24 0.00 | 21.14 -0.28 0.00 | 23.39 -0.31 0.00 | 23.76 -0.19 0.00 | 25.30 -0.15 0.00 | 27.46 -0.17 0.00 | 30.98 0.00 0.00 | 33.88 -0.10 0.00 | 38.22 -0.15 -0.08 | 41.88 0.04 0.00 | 38.88 -0.04 0.00 | 36.37 0.00 0.00 | 33.62 -0.03 0.00 | 30.21 -0.18 0.00 | 26.46 -0.05 0.00 | 24.34 -0.05 0.00 |
| FULTON___LFGE 323630 | 26.28 2.45 0.00 | 25.05 2.28 0.00 | 20.90 1.90 0.00 | 20.53 1.85 0.00 | 20.32 1.90 0.00 | 21.61 2.07 0.00 | 23.65 2.31 0.00 | 23.60 2.28 0.00 | 24.45 2.34 0.00 | 23.28 1.86 0.00 | 25.58 1.99 0.11 | 26.05 2.18 0.08 | 27.65 2.39 0.20 | 29.94 2.57 0.26 | 33.68 3.04 0.33 | 37.06 3.47 0.39 | 41.92 3.83 0.20 | 47.07 5.23 0.00 | 44.49 5.57 0.00 | 41.78 5.45 0.00 | 38.73 5.08 0.00 | 34.52 4.13 0.00 | 30.02 3.50 0.00 | 27.29 2.90 0.00 |
| G.F.CEMENT___DRP 24184 | 24.99 1.17 0.00 | 23.79 1.02 0.00 | 19.87 0.87 0.00 | 19.52 0.84 0.00 | 19.25 0.83 0.00 | 20.50 0.96 0.00 | 22.45 1.11 0.00 | 22.49 1.17 0.00 | 23.34 1.24 0.00 | 22.34 0.92 0.00 | 24.43 0.92 0.19 | 24.98 1.17 0.15 | 26.38 1.27 0.34 | 28.25 1.08 0.46 | 31.60 1.21 0.59 | 34.62 1.33 0.69 | 39.42 1.19 0.06 | 43.85 2.01 0.00 | 41.02 2.10 0.00 | 38.84 2.51 0.00 | 36.04 2.39 0.00 | 32.49 2.10 0.00 | 28.21 1.70 0.00 | 25.83 1.44 0.00 |
| GARDENVILLE___LBMP 24039 | 24.20 0.38 0.00 | 22.72 -0.05 0.00 | 19.38 0.38 0.00 | 18.83 0.15 0.00 | 18.72 0.29 0.00 | 19.95 0.41 0.00 | 21.64 0.30 0.00 | 21.63 0.32 0.00 | 22.35 0.24 0.00 | 21.68 0.26 0.00 | 24.33 0.64 0.00 | 24.74 0.79 0.00 | 26.47 1.02 0.00 | 28.95 1.33 0.00 | 33.74 2.76 0.00 | 36.47 2.48 0.00 | 41.29 2.72 -0.28 | 45.77 3.93 0.00 | 41.96 3.04 0.00 | 39.10 2.76 0.00 | 35.74 2.09 0.00 | 31.39 1.00 0.00 | 27.60 1.09 0.00 | 25.42 1.02 0.00 |
| GARDNVLA_35_KV_LD 355827 | 24.30 0.48 0.00 | 22.81 0.05 0.00 | 19.45 0.46 0.00 | 18.90 0.22 0.00 | 18.79 0.37 0.00 | 20.03 0.49 0.00 | 21.75 0.41 0.00 | 21.72 0.40 0.00 | 22.46 0.35 0.00 | 21.79 0.36 0.00 | 24.45 0.76 0.00 | 24.89 0.93 0.00 | 26.62 1.17 0.00 | 29.15 1.52 0.00 | 33.98 3.00 0.00 | 36.74 2.75 0.00 | 41.56 2.99 -0.28 | 46.11 4.27 0.00 | 42.23 3.31 0.00 | 39.35 3.02 0.00 | 35.97 2.32 0.00 | 31.58 1.19 0.00 | 27.79 1.27 0.00 | 25.56 1.17 0.00 |
| GELCKHM___115KV_LOAD 80723 | 23.87 0.05 0.00 | 22.68 -0.09 0.00 | 19.02 0.02 0.00 | 18.64 -0.04 0.00 | 18.42 0.00 0.00 | 19.60 0.06 0.00 | 21.36 0.02 0.00 | 21.23 -0.09 0.00 | 21.99 -0.11 0.00 | 21.29 -0.13 0.00 | 23.55 -0.14 0.00 | 23.93 -0.02 0.00 | 25.50 0.05 0.00 | 27.71 0.08 0.00 | 31.26 0.28 0.00 | 34.22 0.24 0.00 | 38.62 0.23 -0.10 | 42.34 0.50 0.00 | 39.27 0.35 0.00 | 36.70 0.36 0.00 | 33.89 0.24 0.00 | 30.42 0.03 0.00 | 26.65 0.13 0.00 | 24.49 0.10 0.00 |
| GENERAL___MILLS 23808 | 24.27 0.45 0.00 | 22.77 0.00 0.00 | 19.43 0.44 0.00 | 18.88 0.21 0.00 | 18.75 0.33 0.00 | 19.99 0.45 0.00 | 21.70 0.36 0.00 | 21.68 0.36 0.00 | 22.41 0.31 0.00 | 21.74 0.32 0.00 | 24.41 0.71 0.00 | 24.82 0.86 0.00 | 26.54 1.09 0.00 | 29.07 1.44 0.00 | 33.86 2.88 0.00 | 36.60 2.62 0.00 | 41.36 2.80 -0.28 | 45.94 4.10 0.00 | 42.11 3.19 0.00 | 39.20 2.87 0.00 | 35.87 2.22 0.00 | 31.48 1.09 0.00 | 27.71 1.19 0.00 | 25.49 1.10 0.00 |
| GE_PLASTICS___DRP 24183 | 24.20 0.38 0.00 | 23.04 0.27 0.00 | 19.40 0.40 0.00 | 19.05 0.37 0.00 | 18.77 0.35 0.00 | 19.93 0.39 0.00 | 21.79 0.45 0.00 | 21.89 0.58 0.00 | 22.68 0.57 0.00 | 21.85 0.43 0.00 | 23.98 0.40 0.12 | 24.43 0.55 0.08 | 25.75 0.51 0.21 | 27.90 0.55 0.28 | 31.15 0.53 0.36 | 34.28 0.71 0.42 | 38.74 0.50 0.05 | 42.68 0.84 0.00 | 39.82 0.90 0.00 | 37.24 0.91 0.00 | 34.56 0.91 0.00 | 31.09 0.70 0.00 | 27.13 0.61 0.00 | 24.90 0.51 0.00 |
| GILBOA___1 23756 | 24.37 0.55 0.00 | 23.18 0.41 0.00 | 19.57 0.57 0.00 | 19.24 0.56 0.00 | 18.97 0.55 0.00 | 20.03 0.49 0.00 | 21.89 0.55 0.00 | 22.00 0.68 0.00 | 22.86 0.75 0.00 | 22.02 0.60 0.00 | 24.36 0.66 0.00 | 24.79 0.81 -0.02 | 26.29 0.84 0.00 | 28.51 0.88 0.00 | 31.88 0.90 0.00 | 35.01 1.02 0.00 | 39.10 0.88 0.07 | 42.97 1.13 0.00 | 40.05 1.13 0.00 | 37.46 1.13 0.00 | 34.80 1.14 0.00 | 31.27 0.88 0.00 | 27.29 0.77 0.00 | 25.07 0.68 0.00 |
| GILBOA___2 23757 | 24.37 0.55 0.00 | 23.18 0.41 0.00 | 19.57 0.57 0.00 | 19.24 0.56 0.00 | 18.97 0.55 0.00 | 20.03 0.49 0.00 | 21.89 0.55 0.00 | 22.00 0.68 0.00 | 22.86 0.75 0.00 | 22.02 0.60 0.00 | 24.36 0.66 0.00 | 24.79 0.81 -0.02 | 26.29 0.84 0.00 | 28.51 0.88 0.00 | 31.88 0.90 0.00 | 35.01 1.02 0.00 | 39.10 0.88 0.07 | 42.97 1.13 0.00 | 40.05 1.13 0.00 | 37.46 1.13 0.00 | 34.80 1.14 0.00 | 31.27 0.88 0.00 | 27.29 0.77 0.00 | 25.07 0.68 0.00 |

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| GILBOA___3 23758 | 24.37 0.55 0.00 | 23.18 0.41 0.00 | 19.57 0.57 0.00 | 19.24 0.56 0.00 | 18.97 0.55 0.00 | 20.03 0.49 0.00 | 21.89 0.55 0.00 | 22.00 0.68 0.00 | 22.86 0.75 0.00 | 22.02 0.60 0.00 | 24.36 0.66 0.00 | 24.79 0.81 -0.02 | 26.29 0.84 0.00 | 28.51 0.88 0.00 | 31.88 0.90 0.00 | 35.01 1.02 0.00 | 39.10 0.88 0.07 | 42.97 1.13 0.00 | 40.05 1.13 0.00 | 37.46 1.13 0.00 | 34.80 1.14 0.00 | 31.27 0.88 0.00 | 27.29 0.77 0.00 | 25.07 0.68 0.00 |
| GILBOA___4 23759 | 24.37 0.55 0.00 | 23.18 0.41 0.00 | 19.57 0.57 0.00 | 19.24 0.56 0.00 | 18.97 0.55 0.00 | 20.03 0.49 0.00 | 21.89 0.55 0.00 | 22.00 0.68 0.00 | 22.86 0.75 0.00 | 22.02 0.60 0.00 | 24.36 0.66 0.00 | 24.79 0.81 -0.02 | 26.29 0.84 0.00 | 28.51 0.88 0.00 | 31.88 0.90 0.00 | 35.01 1.02 0.00 | 39.10 0.88 0.07 | 42.97 1.13 0.00 | 40.05 1.13 0.00 | 37.46 1.13 0.00 | 34.80 1.14 0.00 | 31.27 0.88 0.00 | 27.29 0.77 0.00 | 25.07 0.68 0.00 |
| GILBOA___ 23599 | 24.37 0.55 0.00 | 23.18 0.41 0.00 | 19.57 0.57 0.00 | 19.20 0.52 0.00 | 18.92 0.50 0.00 | 20.03 0.49 0.00 | 21.89 0.55 0.00 | 22.02 0.70 0.00 | 22.86 0.75 0.00 | 22.02 0.60 0.00 | 24.36 0.66 0.00 | 24.79 0.81 -0.02 | 26.29 0.84 0.00 | 28.51 0.88 0.00 | 31.91 0.93 0.00 | 35.11 1.12 0.00 | 39.10 0.88 0.07 | 42.97 1.13 0.00 | 40.13 1.21 0.00 | 37.46 1.13 0.00 | 34.80 1.14 0.00 | 31.30 0.91 0.00 | 27.31 0.80 0.00 | 25.07 0.68 0.00 |
| GINNA___ 23603 | 22.94 -0.88 0.00 | 21.70 -1.07 0.00 | 18.24 -0.76 0.00 | 17.86 -0.82 0.00 | 17.70 -0.72 0.00 | 18.86 -0.68 0.00 | 20.51 -0.83 0.00 | 20.55 -0.77 0.00 | 21.20 -0.91 0.00 | 20.52 -0.90 0.00 | 22.84 -0.85 0.00 | 23.33 -0.62 0.00 | 24.89 -0.56 0.00 | 27.24 -0.39 0.00 | 31.13 0.16 0.00 | 33.99 0.00 0.00 | 38.65 0.19 -0.17 | 42.30 0.46 0.00 | 39.04 0.12 0.00 | 36.48 0.15 0.00 | 33.55 -0.10 0.00 | 29.72 -0.67 0.00 | 25.99 -0.53 0.00 | 23.83 -0.56 0.00 |
| GLEN PARK___ 23778 | 24.20 0.38 0.00 | 23.09 0.32 0.00 | 19.24 0.25 0.00 | 18.88 0.21 0.00 | 18.70 0.28 0.00 | 19.93 0.39 0.00 | 21.85 0.51 0.00 | 21.68 0.36 0.00 | 22.33 0.22 0.00 | 21.51 0.09 0.00 | 23.67 -0.02 0.00 | 24.05 0.10 0.00 | 25.58 0.13 0.00 | 27.82 0.19 0.00 | 31.13 0.16 0.00 | 34.09 0.10 0.00 | 38.62 0.27 -0.05 | 42.35 0.50 0.00 | 39.78 0.86 0.00 | 37.57 1.24 0.00 | 34.80 1.14 0.00 | 31.30 0.91 0.00 | 27.20 0.69 0.00 | 24.88 0.49 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 25.50 1.67 -0.01 | 24.17 1.39 -0.01 | 20.35 1.35 -0.01 | 19.89 1.21 0.00 | 19.51 1.09 0.00 | 20.83 1.29 0.00 | 22.88 1.54 0.00 | 23.23 1.92 0.00 | 24.29 2.19 0.00 | 23.37 1.95 0.00 | 26.13 2.25 -0.18 | 26.97 2.47 -0.54 | 28.40 2.62 -0.33 | 30.83 2.76 -0.44 | 34.37 2.82 -0.57 | 37.98 3.33 -0.67 | 41.26 3.03 0.06 | 45.52 3.68 0.00 | 42.27 3.35 0.00 | 39.24 2.91 0.00 | 36.48 2.83 0.00 | 32.76 2.37 0.00 | 28.75 2.23 -0.01 | 26.27 1.88 0.00 |
| GLENWOOD_IC_1_G5 23712 | 25.58 1.76 0.00 | 24.27 1.50 0.00 | 20.42 1.42 0.00 | 19.97 1.29 0.00 | 19.55 1.12 0.00 | 20.87 1.33 0.00 | 22.92 1.58 0.00 | 23.10 1.79 0.00 | 24.27 2.17 0.00 | 23.26 1.84 0.00 | 26.15 2.27 -0.18 | 27.03 2.52 -0.56 | 28.40 2.62 -0.33 | 30.61 2.54 -0.44 | 34.09 2.54 -0.57 | 37.37 2.72 -0.67 | 40.72 2.49 0.06 | 45.02 3.18 0.00 | 41.92 3.00 0.00 | 38.95 2.62 0.00 | 36.45 2.79 0.00 | 32.88 2.49 0.00 | 28.58 2.07 0.00 | 26.37 1.98 0.00 |
| GLENWOOD_IC_2_G1 23688 | 25.43 1.60 -0.01 | 24.12 1.34 -0.01 | 20.30 1.29 -0.01 | 19.93 1.25 0.00 | 19.55 1.12 0.00 | 20.77 1.23 0.00 | 22.79 1.45 0.00 | 23.00 1.68 0.00 | 24.14 2.03 0.00 | 23.16 1.73 0.00 | 25.97 2.09 -0.18 | 26.83 2.32 -0.56 | 28.10 2.32 -0.33 | 30.25 2.18 -0.44 | 33.75 2.20 -0.57 | 37.17 2.51 -0.67 | 40.53 2.30 0.06 | 44.73 2.88 0.00 | 41.45 2.53 0.00 | 38.66 2.33 0.00 | 35.91 2.25 0.00 | 32.36 1.97 0.00 | 28.27 1.75 0.00 | 26.13 1.73 -0.01 |
| GLENWOOD_IC_3_G1 23689 | 25.43 1.60 -0.01 | 24.12 1.34 -0.01 | 20.30 1.29 -0.01 | 19.93 1.25 0.00 | 19.55 1.12 0.00 | 20.77 1.23 0.00 | 22.79 1.45 0.00 | 23.00 1.68 0.00 | 24.14 2.03 0.00 | 23.16 1.73 0.00 | 25.97 2.09 -0.18 | 26.83 2.32 -0.56 | 28.10 2.32 -0.33 | 30.25 2.18 -0.44 | 33.75 2.20 -0.57 | 37.17 2.51 -0.67 | 40.53 2.30 0.06 | 44.73 2.88 0.00 | 41.45 2.53 0.00 | 38.66 2.33 0.00 | 35.91 2.25 0.00 | 32.36 1.97 0.00 | 28.27 1.75 0.00 | 26.13 1.73 -0.01 |
| GLENWOOD___4 23550 | 25.58 1.76 0.00 | 24.27 1.50 0.00 | 20.42 1.42 0.00 | 19.97 1.29 0.00 | 19.55 1.12 0.00 | 20.87 1.33 0.00 | 22.92 1.58 0.00 | 23.10 1.79 0.00 | 24.27 2.17 0.00 | 23.26 1.84 0.00 | 26.15 2.27 -0.18 | 27.03 2.52 -0.56 | 28.40 2.62 -0.33 | 30.61 2.54 -0.44 | 34.09 2.54 -0.57 | 37.47 2.82 -0.67 | 40.84 2.60 0.06 | 45.15 3.31 0.00 | 42.04 3.11 0.00 | 39.06 2.73 0.00 | 36.45 2.79 0.00 | 32.88 2.49 0.00 | 28.58 2.07 0.00 | 26.37 1.98 0.00 |
| GLENWOOD___5 23614 | 25.58 1.76 0.00 | 24.27 1.50 0.00 | 20.42 1.42 0.00 | 19.97 1.29 0.00 | 19.55 1.12 0.00 | 20.87 1.33 0.00 | 22.92 1.58 0.00 | 23.10 1.79 0.00 | 24.27 2.17 0.00 | 23.26 1.84 0.00 | 26.15 2.27 -0.18 | 27.03 2.52 -0.56 | 28.40 2.62 -0.33 | 30.61 2.54 -0.44 | 34.09 2.54 -0.57 | 37.47 2.82 -0.67 | 40.84 2.60 0.06 | 45.15 3.31 0.00 | 42.04 3.11 0.00 | 39.06 2.73 0.00 | 36.45 2.79 0.00 | 32.88 2.49 0.00 | 28.58 2.07 0.00 | 26.37 1.98 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 27.16 3.33 -0.01 | 25.74 2.96 -0.01 | 21.64 2.64 -0.01 | 21.16 2.48 0.00 | 20.58 2.15 0.00 | 21.91 2.36 0.00 | 24.05 2.71 0.00 | 24.08 2.77 0.00 | 25.64 3.54 0.00 | 24.38 2.96 0.00 | 27.60 3.72 -0.18 | 28.68 4.17 -0.56 | 29.70 3.92 -0.33 | 31.33 3.26 -0.44 | 34.87 3.32 -0.57 | 38.46 3.81 -0.67 | 42.14 3.91 0.06 | 46.40 4.56 0.00 | 43.20 4.28 0.00 | 40.11 3.78 0.00 | 36.98 3.33 0.00 | 33.76 3.37 0.00 | 29.35 2.84 0.00 | 27.67 3.27 -0.01 |
| GLOBE___DSASP 323697 | 23.30 -0.52 0.00 | 21.88 -0.89 0.00 | 18.65 -0.34 0.00 | 18.14 -0.54 0.00 | 18.04 -0.39 0.00 | 19.21 -0.33 0.00 | 20.81 -0.53 0.00 | 20.67 -0.64 0.00 | 21.40 -0.71 0.00 | 20.74 -0.69 0.00 | 23.27 -0.43 0.00 | 23.64 -0.31 0.00 | 25.27 -0.18 0.00 | 27.57 -0.06 0.00 | 32.22 1.24 0.00 | 34.73 0.75 0.00 | 39.84 1.30 -0.25 | 43.68 1.84 0.00 | 40.01 1.09 0.00 | 37.32 0.98 0.00 | 34.16 0.50 0.00 | 29.93 -0.46 0.00 | 26.41 -0.11 0.00 | 24.39 0.00 0.00 |
| GOETHSLN___LBMP 323567 | 25.18 1.36 0.00 | 23.84 1.07 0.00 | 20.10 1.10 0.00 | 19.67 0.99 0.00 | 19.31 0.88 0.00 | 20.64 1.09 0.00 | 22.68 1.34 0.00 | 23.06 1.75 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.12 2.34 -0.33 | 30.56 2.49 -0.44 | 34.03 2.48 -0.57 | 37.54 2.89 -0.67 | 40.76 2.53 0.06 | 45.06 3.22 0.00 | 41.80 2.88 0.00 | 38.80 2.47 0.00 | 36.11 2.46 0.00 | 32.49 2.10 0.00 | 28.43 1.91 0.00 | 25.98 1.59 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 24.18 0.36 0.00 | 22.84 0.07 0.00 | 19.26 0.27 0.00 | 18.79 0.11 0.00 | 18.63 0.20 0.00 | 19.93 0.39 0.00 | 21.68 0.34 0.00 | 21.63 0.32 0.00 | 22.39 0.29 0.00 | 21.66 0.24 0.00 | 24.10 0.40 0.00 | 24.62 0.67 0.00 | 26.26 0.81 0.00 | 28.65 1.02 0.00 | 33.02 2.04 0.00 | 35.89 1.90 0.00 | 40.96 2.49 -0.18 | 44.85 3.01 0.00 | 41.22 2.30 0.00 | 38.55 2.22 0.00 | 35.37 1.72 0.00 | 31.24 0.85 0.00 | 27.42 0.90 0.00 | 25.27 0.88 0.00 |

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| GOODYEAR_LAKE_HYD 323669 | 24.87 1.05 0.00 | 23.66 0.89 0.00 | 19.85 0.85 0.00 | 19.44 0.77 0.00 | 19.20 0.77 0.00 | 20.44 0.90 0.00 | 22.39 1.05 0.00 | 22.42 1.11 0.00 | 23.23 1.13 0.00 | 22.39 0.96 0.00 | 24.76 1.07 0.00 | 25.18 1.22 0.00 | 26.75 1.30 0.00 | 29.12 1.49 0.00 | 32.78 1.80 0.00 | 35.92 1.94 0.00 | 39.57 2.03 0.75 | 44.35 2.51 0.00 | 41.41 2.49 0.00 | 38.73 2.40 0.00 | 35.87 2.22 0.00 | 32.18 1.79 0.00 | 28.03 1.51 0.00 | 25.66 1.27 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 24.37 0.55 0.00 | 23.11 0.34 0.00 | 19.45 0.46 0.00 | 19.03 0.35 0.00 | 18.83 0.41 0.00 | 20.05 0.51 0.00 | 21.85 0.51 0.00 | 21.87 0.55 0.00 | 22.63 0.53 0.00 | 21.87 0.45 0.00 | 24.24 0.54 0.00 | 24.62 0.67 0.00 | 26.24 0.79 0.00 | 28.57 0.94 0.00 | 32.31 1.33 0.00 | 35.38 1.39 0.00 | 41.73 1.38 -2.06 | 43.85 2.01 0.00 | 40.67 1.75 0.00 | 37.97 1.64 0.00 | 35.03 1.38 0.00 | 31.33 0.94 0.00 | 27.42 0.90 0.00 | 25.17 0.78 0.00 |
| GOUDEY___7 23579 | 24.39 0.57 0.00 | 23.13 0.36 0.00 | 19.47 0.47 0.00 | 19.05 0.37 0.00 | 18.85 0.42 0.00 | 20.07 0.53 0.00 | 21.87 0.53 0.00 | 21.89 0.58 0.00 | 22.66 0.55 0.00 | 21.89 0.47 0.00 | 24.26 0.57 0.00 | 24.67 0.72 0.00 | 26.26 0.81 0.00 | 28.60 0.97 0.00 | 32.37 1.39 0.00 | 35.45 1.46 0.00 | 41.77 1.42 -2.06 | 43.89 2.05 0.00 | 40.71 1.79 0.00 | 38.01 1.67 0.00 | 35.07 1.41 0.00 | 31.36 0.97 0.00 | 27.44 0.93 0.00 | 25.20 0.80 0.00 |
| GOUDEY___8 23580 | 24.37 0.55 0.00 | 23.11 0.34 0.00 | 19.45 0.46 0.00 | 19.03 0.35 0.00 | 18.83 0.41 0.00 | 20.05 0.51 0.00 | 21.85 0.51 0.00 | 21.87 0.55 0.00 | 22.63 0.53 0.00 | 21.87 0.45 0.00 | 24.24 0.54 0.00 | 24.62 0.67 0.00 | 26.24 0.79 0.00 | 28.57 0.94 0.00 | 32.31 1.33 0.00 | 35.38 1.39 0.00 | 41.73 1.38 -2.06 | 43.85 2.01 0.00 | 40.67 1.75 0.00 | 37.97 1.64 0.00 | 35.03 1.38 0.00 | 31.33 0.94 0.00 | 27.42 0.90 0.00 | 25.17 0.78 0.00 |
| GOWANUS_GT1_1 24077 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT1_2 24078 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT1_3 24079 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT1_4 24080 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT1_5 24084 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT1_6 24111 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT1_7 24112 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT1_8 24113 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT2_1 24114 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT2_2 24115 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT2_3 24116 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |

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| GOWANUS_GT2_4 24117 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT2_5 24118 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT2_6 24119 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT2_7 24120 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT2_8 24121 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT3_1 24122 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT3_2 24123 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT3_3 24124 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT3_4 24125 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT3_5 24126 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT3_6 24127 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT3_7 24128 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT3_8 24129 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| GOWANUS_GT4_1 24130 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT4_2 24131 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |

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|---|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|
| GOWANUS_GT4_3 24132 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT4_4 24133 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT4_5 24134 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT4_6 24135 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT4_7 24136 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GOWANUS_GT4_8 24137 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GREENBSH_115KV_TB3 55895 | 24.08 0.26 0.00 | 22.95 0.18 0.00 | 19.32 0.32 0.00 | 18.99 0.32 0.00 | 18.72 0.29 0.00 | 19.86 0.31 0.00 | 21.72 0.38 0.00 | 21.83 0.51 0.00 | 22.61 0.51 0.00 | 21.76 0.34 0.00 | 23.85 0.31 0.16 | 24.29 0.46 0.12 | 25.55 0.38 0.28 | 27.66 0.41 0.38 | 30.86 0.37 0.49 | 33.96 0.54 0.57 | 38.51 0.27 0.05 | 42.47 0.63 0.00 | 39.66 0.74 0.00 | 37.13 0.80 0.00 | 34.46 0.81 0.00 | 31.00 0.61 0.00 | 27.02 0.50 0.00 | 24.78 0.39 0.00 |
| GREENIDGE_115KV_TB5 80291 | 24.47 0.64 0.00 | 23.09 0.32 0.00 | 19.45 0.46 0.00 | 19.01 0.34 0.00 | 18.85 0.42 0.00 | 20.13 0.59 0.00 | 21.94 0.60 0.00 | 21.93 0.62 0.00 | 22.66 0.55 0.00 | 21.89 0.47 0.00 | 24.31 0.62 0.00 | 24.77 0.81 0.00 | 26.44 0.99 0.00 | 28.84 1.22 0.00 | 32.68 1.70 0.00 | 35.69 1.70 0.00 | 40.55 1.91 -0.35 | 44.69 2.85 0.00 | 41.30 2.37 0.00 | 38.55 2.22 0.00 | 35.40 1.75 0.00 | 31.58 1.19 0.00 | 27.68 1.17 0.00 | 25.32 0.93 0.00 |
| GREENIDGE___3 23582 | 24.47 0.64 0.00 | 23.09 0.32 0.00 | 19.45 0.46 0.00 | 19.01 0.34 0.00 | 18.85 0.42 0.00 | 20.13 0.59 0.00 | 21.94 0.60 0.00 | 21.93 0.62 0.00 | 22.66 0.55 0.00 | 21.89 0.47 0.00 | 24.31 0.62 0.00 | 24.77 0.81 0.00 | 26.44 0.99 0.00 | 28.84 1.22 0.00 | 32.68 1.70 0.00 | 35.69 1.70 0.00 | 40.55 1.91 -0.35 | 44.69 2.85 0.00 | 41.30 2.37 0.00 | 38.55 2.22 0.00 | 35.40 1.75 0.00 | 31.58 1.19 0.00 | 27.68 1.17 0.00 | 25.32 0.93 0.00 |
| GREENIDGE___4 23583 | 24.47 0.64 0.00 | 23.09 0.32 0.00 | 19.45 0.46 0.00 | 19.07 0.39 0.00 | 18.90 0.48 0.00 | 20.13 0.59 0.00 | 21.94 0.60 0.00 | 22.00 0.68 0.00 | 22.66 0.55 0.00 | 21.89 0.47 0.00 | 24.31 0.62 0.00 | 24.77 0.81 0.00 | 26.44 0.99 0.00 | 28.95 1.33 0.00 | 32.96 1.98 0.00 | 35.82 1.83 0.00 | 40.55 1.91 -0.35 | 44.73 2.88 0.00 | 41.45 2.53 0.00 | 38.69 2.36 0.00 | 35.54 1.88 0.00 | 31.73 1.34 0.00 | 27.81 1.30 0.00 | 25.37 0.98 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 25.89 2.07 0.00 | 24.54 1.78 0.00 | 20.67 1.67 0.00 | 20.17 1.49 0.00 | 19.68 1.25 0.00 | 21.03 1.49 0.00 | 23.09 1.75 0.00 | 22.95 1.64 0.00 | 24.25 2.14 0.00 | 23.16 1.74 0.00 | 26.11 2.23 -0.18 | 27.00 2.49 -0.56 | 28.38 2.60 -0.33 | 30.31 2.24 -0.44 | 33.66 2.11 -0.57 | 37.20 2.55 -0.67 | 40.61 2.37 0.06 | 44.90 3.05 0.00 | 41.96 3.04 0.00 | 38.95 2.62 0.00 | 36.14 2.49 0.00 | 32.73 2.34 0.00 | 28.53 2.02 0.00 | 26.66 2.27 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| GRISSOM___SOLAR 323813 | 26.28 2.45 0.00 | 25.05 2.28 0.00 | 20.90 1.90 0.00 | 20.53 1.85 0.00 | 20.32 1.90 0.00 | 21.61 2.07 0.00 | 23.65 2.31 0.00 | 23.60 2.28 0.00 | 24.45 2.34 0.00 | 23.28 1.86 0.00 | 25.58 1.99 0.11 | 26.05 2.18 0.08 | 27.65 2.39 0.20 | 29.94 2.57 0.26 | 33.68 3.04 0.33 | 37.06 3.47 0.39 | 41.92 3.83 0.20 | 47.07 5.23 0.00 | 44.49 5.57 0.00 | 41.78 5.45 0.00 | 38.73 5.08 0.00 | 34.52 4.13 0.00 | 30.02 3.50 0.00 | 27.29 2.90 0.00 |
| GROVEVILLE___HYD 323602 | 25.23 1.41 0.00 | 23.91 1.14 0.00 | 20.14 1.14 0.00 | 19.70 1.03 0.00 | 19.36 0.94 0.00 | 20.64 1.09 0.00 | 22.56 1.22 0.00 | 22.72 1.41 0.00 | 23.67 1.57 0.00 | 22.73 1.31 0.00 | 25.33 1.49 -0.14 | 25.77 1.65 -0.16 | 27.47 1.76 -0.26 | 29.91 1.93 -0.34 | 33.41 1.98 -0.44 | 36.88 2.38 -0.52 | 40.38 2.14 0.06 | 44.64 2.80 0.00 | 41.69 2.76 0.00 | 38.91 2.58 0.00 | 36.14 2.49 0.00 | 32.43 2.04 0.00 | 28.29 1.78 0.00 | 25.90 1.51 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 24.01 0.19 0.00 | 22.81 0.05 0.00 | 19.13 0.13 0.00 | 18.75 0.07 0.00 | 18.51 0.09 0.00 | 19.72 0.18 0.00 | 21.49 0.15 0.00 | 21.38 0.06 0.00 | 22.13 0.02 0.00 | 21.42 0.00 0.00 | 23.70 0.00 0.00 | 24.07 0.12 0.00 | 25.65 0.20 0.00 | 27.90 0.28 0.00 | 31.51 0.53 0.00 | 34.46 0.48 0.00 | 38.94 0.54 -0.11 | 42.68 0.84 0.00 | 39.58 0.66 0.00 | 36.99 0.65 0.00 | 34.16 0.50 0.00 | 30.63 0.24 0.00 | 26.83 0.32 0.00 | 24.66 0.27 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HAMLTNNY_34_KV_TB 80303 | 24.08 0.26 0.00 | 22.84 0.07 0.00 | 19.17 0.17 0.00 | 18.79 0.11 0.00 | 18.57 0.15 0.00 | 19.78 0.23 0.00 | 21.53 0.19 0.00 | 21.44 0.13 0.00 | 22.19 0.09 0.00 | 21.46 0.04 0.00 | 23.77 0.07 0.00 | 24.17 0.22 0.00 | 25.76 0.31 0.00 | 28.02 0.39 0.00 | 31.66 0.68 0.00 | 34.67 0.68 0.00 | 39.18 0.77 -0.12 | 43.01 1.17 0.00 | 39.82 0.90 0.00 | 37.21 0.87 0.00 | 34.33 0.67 0.00 | 30.76 0.36 0.00 | 26.91 0.40 0.00 | 24.73 0.34 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 23.49 -0.33 0.00 | 22.59 -0.18 0.00 | 18.71 -0.28 0.00 | 18.36 -0.32 0.00 | 18.15 -0.28 0.00 | 19.33 -0.21 0.00 | 21.13 -0.21 0.00 | 20.93 -0.38 0.00 | 21.57 -0.53 0.00 | 20.91 -0.51 0.00 | 23.06 -0.64 0.00 | 23.24 -0.72 0.00 | 24.71 -0.74 0.00 | 26.77 -0.86 0.00 | 29.93 -1.05 0.00 | 32.83 -1.16 0.00 | 37.72 -0.57 0.00 | 41.05 -0.80 0.00 | 38.38 -0.54 0.00 | 35.53 -0.80 0.00 | 32.94 -0.71 0.00 | 29.87 -0.52 0.00 | 26.12 -0.40 0.00 | 24.03 -0.37 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 24.20 0.38 0.00 | 23.06 0.30 0.00 | 19.28 0.29 0.00 | 18.96 0.28 0.00 | 18.72 0.29 0.00 | 19.85 0.31 0.00 | 21.70 0.36 0.00 | 21.68 0.36 0.00 | 22.48 0.38 0.00 | 21.74 0.32 0.00 | 24.05 0.36 0.00 | 24.39 0.43 0.00 | 25.93 0.48 0.00 | 28.15 0.52 0.00 | 31.57 0.59 0.00 | 34.56 0.58 0.00 | 38.90 0.61 0.00 | 42.60 0.75 0.00 | 39.66 0.74 0.00 | 37.10 0.76 0.00 | 34.33 0.67 0.00 | 30.94 0.55 0.00 | 27.02 0.50 0.00 | 24.81 0.41 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 25.01 1.19 0.00 | 23.72 0.96 0.00 | 19.97 0.97 0.00 | 19.56 0.88 0.00 | 19.21 0.79 0.00 | 20.48 0.94 0.00 | 22.45 1.11 0.00 | 22.64 1.32 0.00 | 23.63 1.53 0.00 | 22.71 1.29 0.00 | 25.34 1.49 -0.15 | 25.62 1.68 0.01 | 27.51 1.78 -0.27 | 29.93 1.93 -0.36 | 33.43 1.98 -0.47 | 36.88 2.35 -0.55 | 40.38 2.14 0.06 | 44.60 2.76 0.00 | 41.45 2.53 0.00 | 38.70 2.36 0.00 | 35.87 2.22 0.00 | 32.18 1.79 0.00 | 28.11 1.59 0.00 | 25.73 1.34 0.00 |
| HARSNRAD_115KV_TB1 81005 | 23.94 0.12 0.00 | 22.47 -0.30 0.00 | 19.15 0.15 0.00 | 18.62 -0.06 0.00 | 18.51 0.09 0.00 | 19.72 0.18 0.00 | 21.36 0.02 0.00 | 21.29 -0.02 0.00 | 22.02 -0.09 0.00 | 21.34 -0.09 0.00 | 23.96 0.26 0.00 | 24.36 0.41 0.00 | 26.04 0.59 0.00 | 28.46 0.83 0.00 | 33.24 2.26 0.00 | 35.89 1.90 0.00 | 40.99 2.45 -0.25 | 45.15 3.31 0.00 | 41.33 2.41 0.00 | 38.59 2.25 0.00 | 35.30 1.65 0.00 | 30.91 0.52 0.00 | 27.23 0.72 0.00 | 25.10 0.71 0.00 |
| HARZA MOOSE___RIVER 24016 | 24.37 0.55 0.00 | 23.25 0.48 0.00 | 19.40 0.40 0.00 | 19.09 0.41 0.00 | 18.86 0.44 0.00 | 20.03 0.49 0.00 | 21.94 0.60 0.00 | 21.85 0.53 0.00 | 22.57 0.46 0.00 | 21.79 0.36 0.00 | 24.03 0.33 0.00 | 24.39 0.43 0.00 | 25.93 0.48 0.00 | 28.18 0.55 0.00 | 31.63 0.65 0.00 | 34.67 0.68 0.00 | 39.21 0.92 0.00 | 43.05 1.21 0.00 | 40.21 1.28 0.00 | 37.68 1.34 0.00 | 34.86 1.21 0.00 | 31.39 1.00 0.00 | 27.31 0.80 0.00 | 25.03 0.63 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 23.89 0.07 0.00 | 22.70 -0.07 0.00 | 19.03 0.04 0.00 | 18.66 -0.02 0.00 | 18.44 0.02 0.00 | 19.62 0.08 0.00 | 21.38 0.04 0.00 | 21.29 -0.02 0.00 | 22.06 -0.04 0.00 | 21.34 -0.09 0.00 | 23.62 -0.07 0.00 | 24.00 0.05 0.00 | 25.58 0.13 0.00 | 27.79 0.17 0.00 | 31.35 0.37 0.00 | 34.26 0.27 0.00 | 38.65 0.27 -0.09 | 42.39 0.54 0.00 | 39.31 0.39 0.00 | 36.73 0.40 0.00 | 33.89 0.24 0.00 | 30.42 0.03 0.00 | 26.68 0.16 0.00 | 24.54 0.15 0.00 |
| HELLGATE_13_KV_LD 55870 | 25.40 1.57 -0.01 | 24.07 1.30 -0.01 | 20.28 1.27 -0.01 | 19.84 1.16 0.00 | 19.45 1.03 0.00 | 20.76 1.21 0.00 | 22.79 1.45 0.00 | 23.13 1.81 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.82 2.32 -0.54 | 28.25 2.47 -0.33 | 30.67 2.60 -0.44 | 34.15 2.60 -0.57 | 37.71 3.06 -0.67 | 40.95 2.72 0.06 | 45.15 3.31 0.00 | 41.96 3.04 0.00 | 38.95 2.62 0.00 | 36.24 2.59 0.00 | 32.58 2.19 0.00 | 28.65 2.12 -0.01 | 26.15 1.76 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 25.40 1.57 -0.01 | 24.07 1.30 -0.01 | 20.28 1.27 -0.01 | 19.84 1.16 0.00 | 19.45 1.03 0.00 | 20.76 1.21 0.00 | 22.79 1.45 0.00 | 23.13 1.81 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.82 2.32 -0.54 | 28.25 2.47 -0.33 | 30.67 2.60 -0.44 | 34.15 2.60 -0.57 | 37.71 3.06 -0.67 | 40.95 2.72 0.06 | 45.15 3.31 0.00 | 41.96 3.04 0.00 | 38.95 2.62 0.00 | 36.24 2.59 0.00 | 32.58 2.19 0.00 | 28.65 2.12 -0.01 | 26.15 1.76 0.00 |
| HEMPSTEAD____ 23647 | 25.64 1.81 -0.01 | 24.33 1.55 -0.01 | 20.49 1.48 -0.01 | 20.08 1.40 0.00 | 19.64 1.22 0.00 | 20.87 1.33 0.00 | 22.92 1.58 0.00 | 23.00 1.68 0.00 | 24.25 2.14 0.00 | 23.20 1.78 0.00 | 26.08 2.20 -0.18 | 27.00 2.49 -0.56 | 28.15 2.37 -0.33 | 30.00 1.93 -0.44 | 33.47 1.92 -0.57 | 36.83 2.18 -0.67 | 40.15 1.91 0.06 | 44.23 2.38 0.00 | 41.06 2.14 0.00 | 38.26 1.92 0.00 | 35.54 1.88 0.00 | 32.21 1.82 0.00 | 28.16 1.64 0.00 | 26.33 1.93 -0.01 |
| HEWLETT_69_KV_BK3 55828 | 25.89 2.07 0.00 | 24.54 1.78 0.00 | 20.67 1.67 0.00 | 20.19 1.51 0.00 | 19.71 1.29 0.00 | 21.07 1.52 0.00 | 23.13 1.79 0.00 | 23.21 1.90 0.00 | 24.47 2.37 0.00 | 23.41 1.99 0.00 | 26.37 2.49 -0.18 | 27.24 2.73 -0.56 | 28.63 2.85 -0.33 | 30.67 2.60 -0.44 | 34.09 2.54 -0.57 | 37.68 3.02 -0.67 | 41.14 2.91 0.06 | 45.48 3.64 0.00 | 42.46 3.54 0.00 | 39.42 3.09 0.00 | 36.61 2.96 0.00 | 33.13 2.74 0.00 | 28.77 2.25 0.00 | 26.68 2.29 0.00 |
| HICKLING___1 23621 | 24.75 0.93 0.00 | 23.34 0.57 0.00 | 19.72 0.72 0.00 | 19.24 0.56 0.00 | 19.07 0.64 0.00 | 20.40 0.86 0.00 | 22.21 0.87 0.00 | 22.27 0.96 0.00 | 22.99 0.88 0.00 | 22.21 0.79 0.00 | 24.67 0.97 0.00 | 25.10 1.15 0.00 | 26.82 1.37 0.00 | 29.29 1.66 0.00 | 33.36 2.39 0.00 | 36.50 2.52 0.00 | 41.39 2.57 -0.53 | 45.61 3.77 0.00 | 42.15 3.23 0.00 | 39.31 2.98 0.00 | 36.08 2.42 0.00 | 32.06 1.67 0.00 | 28.13 1.62 0.00 | 25.71 1.32 0.00 |
| HICKLING___2 23622 | 24.75 0.93 0.00 | 23.34 0.57 0.00 | 19.72 0.72 0.00 | 19.24 0.56 0.00 | 19.07 0.64 0.00 | 20.40 0.86 0.00 | 22.21 0.87 0.00 | 22.27 0.96 0.00 | 22.99 0.88 0.00 | 22.21 0.79 0.00 | 24.67 0.97 0.00 | 25.10 1.15 0.00 | 26.82 1.37 0.00 | 29.29 1.66 0.00 | 33.36 2.39 0.00 | 36.50 2.52 0.00 | 41.39 2.57 -0.53 | 45.61 3.77 0.00 | 42.15 3.23 0.00 | 39.31 2.98 0.00 | 36.08 2.42 0.00 | 32.06 1.67 0.00 | 28.13 1.62 0.00 | 25.71 1.32 0.00 |
| HIGH FALLS___HY 23754 | 25.18 1.36 0.00 | 23.84 1.07 0.00 | 20.06 1.06 0.00 | 19.63 0.95 0.00 | 19.29 0.87 0.00 | 20.56 1.02 0.00 | 22.49 1.15 0.00 | 22.68 1.36 0.00 | 23.67 1.57 0.00 | 22.73 1.31 0.00 | 25.35 1.56 -0.09 | 25.76 1.72 -0.08 | 27.47 1.86 -0.16 | 29.88 2.04 -0.21 | 33.32 2.08 -0.27 | 36.78 2.48 -0.32 | 40.53 2.30 0.06 | 44.77 2.93 0.00 | 41.69 2.76 0.00 | 38.91 2.58 0.00 | 36.11 2.46 0.00 | 32.37 1.98 0.00 | 28.24 1.72 0.00 | 25.83 1.44 0.00 |
| HIGH_RIVER___SOLAR 323847 | 24.75 0.93 0.00 | 23.57 0.80 0.00 | 19.76 0.76 0.00 | 19.39 0.71 0.00 | 19.12 0.70 0.00 | 20.34 0.80 0.00 | 22.24 0.90 0.00 | 22.25 0.94 0.00 | 23.08 0.97 0.00 | 22.17 0.75 0.00 | 24.35 0.78 0.12 | 24.77 0.91 0.09 | 26.19 0.97 0.23 | 28.38 1.05 0.30 | 31.77 1.18 0.39 | 34.89 1.36 0.45 | 39.53 1.34 0.11 | 43.77 1.92 0.00 | 40.91 1.99 0.00 | 38.37 2.03 0.00 | 35.57 1.92 0.00 | 31.94 1.55 0.00 | 27.87 1.35 0.00 | 25.51 1.12 0.00 |

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| HILLBURN___GT 23639 | 24.99 1.17 0.00 | 23.70 0.93 0.00 | 19.96 0.97 0.00 | 19.61 0.93 0.00 | 19.31 0.88 0.00 | 20.50 0.96 0.00 | 22.45 1.11 0.00 | 22.70 1.38 0.00 | 23.70 1.59 0.00 | 22.79 1.37 0.00 | 25.44 1.59 -0.16 | 25.73 1.77 0.00 | 27.59 1.86 -0.28 | 29.94 1.93 -0.38 | 33.42 1.95 -0.49 | 36.76 2.21 -0.57 | 40.30 2.07 0.06 | 44.52 2.68 0.00 | 41.22 2.30 0.00 | 38.51 2.18 0.00 | 35.74 2.09 0.00 | 32.09 1.70 0.00 | 28.05 1.54 0.00 | 25.73 1.34 0.00 |
| HILLSIDE_115KV_TB1 80332 | 24.13 0.31 0.00 | 22.79 0.02 0.00 | 19.28 0.28 0.00 | 18.81 0.13 0.00 | 18.64 0.22 0.00 | 19.89 0.35 0.00 | 21.66 0.32 0.00 | 21.68 0.36 0.00 | 22.39 0.29 0.00 | 21.66 0.24 0.00 | 24.07 0.38 0.00 | 24.48 0.53 0.00 | 26.11 0.66 0.00 | 28.51 0.88 0.00 | 32.47 1.49 0.00 | 35.48 1.50 0.00 | 40.23 1.38 -0.56 | 44.23 2.38 0.00 | 40.87 1.95 0.00 | 38.11 1.78 0.00 | 35.00 1.35 0.00 | 31.15 0.76 0.00 | 27.34 0.82 0.00 | 25.07 0.68 0.00 |
| HISHELDN_WT_PWR 323625 | 24.18 0.36 0.00 | 22.72 -0.05 0.00 | 19.34 0.34 0.00 | 18.88 0.21 0.00 | 18.74 0.31 0.00 | 19.90 0.35 0.00 | 21.60 0.26 0.00 | 21.70 0.38 0.00 | 22.33 0.22 0.00 | 21.64 0.21 0.00 | 24.24 0.55 0.00 | 24.70 0.74 0.00 | 26.36 0.91 0.00 | 29.04 1.41 0.00 | 33.49 2.51 0.00 | 36.47 2.48 0.00 | 41.00 2.41 -0.30 | 45.48 3.64 0.00 | 41.92 3.00 0.00 | 39.13 2.80 0.00 | 35.84 2.19 0.00 | 31.52 1.13 0.00 | 27.68 1.17 0.00 | 25.29 0.90 0.00 |
| HOLTSVILLE_IC_1 23690 | 26.14 2.31 -0.01 | 24.78 2.00 -0.01 | 20.87 1.86 -0.01 | 20.41 1.74 0.00 | 19.91 1.49 0.00 | 21.18 1.64 0.00 | 23.26 1.92 0.00 | 23.27 1.96 0.00 | 24.65 2.54 0.00 | 23.43 2.01 0.00 | 26.42 2.54 -0.18 | 27.38 2.87 -0.56 | 28.35 2.57 -0.33 | 29.92 1.85 -0.44 | 33.22 1.67 -0.57 | 36.62 1.97 -0.67 | 39.96 1.72 0.06 | 43.97 2.13 0.00 | 40.91 1.98 0.00 | 38.11 1.78 0.00 | 35.33 1.68 0.00 | 32.24 1.85 0.00 | 28.34 1.83 0.00 | 26.74 2.34 -0.01 |
| HOLTSVILLE_IC_10 23699 | 26.28 2.45 -0.01 | 24.92 2.14 -0.01 | 20.96 1.96 -0.01 | 20.53 1.85 0.00 | 19.99 1.57 0.00 | 21.28 1.74 0.00 | 23.37 2.03 0.00 | 23.38 2.07 0.00 | 24.78 2.67 0.00 | 23.54 2.12 0.00 | 26.58 2.70 -0.18 | 27.55 3.04 -0.56 | 28.56 2.77 -0.33 | 30.14 2.07 -0.44 | 33.44 1.89 -0.57 | 36.86 2.21 -0.67 | 40.22 1.99 0.06 | 44.23 2.38 0.00 | 41.18 2.26 0.00 | 38.37 2.03 0.00 | 35.54 1.88 0.00 | 32.49 2.10 0.00 | 28.51 1.99 0.00 | 26.89 2.49 -0.01 |
| HOLTSVILLE_IC_2 23691 | 26.14 2.31 -0.01 | 24.78 2.00 -0.01 | 20.87 1.86 -0.01 | 20.41 1.74 0.00 | 19.91 1.49 0.00 | 21.18 1.64 0.00 | 23.26 1.92 0.00 | 23.27 1.96 0.00 | 24.65 2.54 0.00 | 23.43 2.01 0.00 | 26.42 2.54 -0.18 | 27.38 2.87 -0.56 | 28.35 2.57 -0.33 | 29.92 1.85 -0.44 | 33.22 1.67 -0.57 | 36.62 1.97 -0.67 | 39.96 1.72 0.06 | 43.97 2.13 0.00 | 40.91 1.98 0.00 | 38.11 1.78 0.00 | 35.33 1.68 0.00 | 32.24 1.85 0.00 | 28.34 1.83 0.00 | 26.74 2.34 -0.01 |
| HOLTSVILLE_IC_3 23692 | 26.14 2.31 -0.01 | 24.78 2.00 -0.01 | 20.87 1.86 -0.01 | 20.41 1.74 0.00 | 19.91 1.49 0.00 | 21.18 1.64 0.00 | 23.26 1.92 0.00 | 23.27 1.96 0.00 | 24.65 2.54 0.00 | 23.43 2.01 0.00 | 26.42 2.54 -0.18 | 27.38 2.87 -0.56 | 28.35 2.57 -0.33 | 29.92 1.85 -0.44 | 33.22 1.67 -0.57 | 36.62 1.97 -0.67 | 39.96 1.72 0.06 | 43.97 2.13 0.00 | 40.91 1.98 0.00 | 38.11 1.78 0.00 | 35.33 1.68 0.00 | 32.24 1.85 0.00 | 28.34 1.83 0.00 | 26.74 2.34 -0.01 |
| HOLTSVILLE_IC_4 23693 | 26.14 2.31 -0.01 | 24.78 2.00 -0.01 | 20.87 1.86 -0.01 | 20.41 1.74 0.00 | 19.91 1.49 0.00 | 21.18 1.64 0.00 | 23.26 1.92 0.00 | 23.27 1.96 0.00 | 24.65 2.54 0.00 | 23.43 2.01 0.00 | 26.42 2.54 -0.18 | 27.38 2.87 -0.56 | 28.35 2.57 -0.33 | 29.92 1.85 -0.44 | 33.22 1.67 -0.57 | 36.62 1.97 -0.67 | 39.96 1.72 0.06 | 43.97 2.13 0.00 | 40.91 1.98 0.00 | 38.11 1.78 0.00 | 35.33 1.68 0.00 | 32.24 1.85 0.00 | 28.34 1.83 0.00 | 26.74 2.34 -0.01 |
| HOLTSVILLE_IC_5 23694 | 26.14 2.31 -0.01 | 24.78 2.00 -0.01 | 20.87 1.86 -0.01 | 20.41 1.74 0.00 | 19.91 1.49 0.00 | 21.18 1.64 0.00 | 23.26 1.92 0.00 | 23.27 1.96 0.00 | 24.65 2.54 0.00 | 23.43 2.01 0.00 | 26.42 2.54 -0.18 | 27.38 2.87 -0.56 | 28.35 2.57 -0.33 | 29.92 1.85 -0.44 | 33.22 1.67 -0.57 | 36.62 1.97 -0.67 | 39.96 1.72 0.06 | 43.97 2.13 0.00 | 40.91 1.98 0.00 | 38.11 1.78 0.00 | 35.33 1.68 0.00 | 32.24 1.85 0.00 | 28.34 1.83 0.00 | 26.74 2.34 -0.01 |
| HOLTSVILLE_IC_6 23695 | 26.28 2.45 -0.01 | 24.92 2.14 -0.01 | 20.96 1.96 -0.01 | 20.53 1.85 0.00 | 19.99 1.57 0.00 | 21.28 1.74 0.00 | 23.37 2.03 0.00 | 23.38 2.07 0.00 | 24.78 2.67 0.00 | 23.54 2.12 0.00 | 26.58 2.70 -0.18 | 27.55 3.04 -0.56 | 28.56 2.77 -0.33 | 30.14 2.07 -0.44 | 33.44 1.89 -0.57 | 36.86 2.21 -0.67 | 40.22 1.99 0.06 | 44.23 2.38 0.00 | 41.18 2.26 0.00 | 38.37 2.03 0.00 | 35.54 1.88 0.00 | 32.49 2.10 0.00 | 28.51 1.99 0.00 | 26.89 2.49 -0.01 |
| HOLTSVILLE_IC_7 23696 | 26.28 2.45 -0.01 | 24.92 2.14 -0.01 | 20.96 1.96 -0.01 | 20.53 1.85 0.00 | 19.99 1.57 0.00 | 21.28 1.74 0.00 | 23.37 2.03 0.00 | 23.38 2.07 0.00 | 24.78 2.67 0.00 | 23.54 2.12 0.00 | 26.58 2.70 -0.18 | 27.55 3.04 -0.56 | 28.56 2.77 -0.33 | 30.14 2.07 -0.44 | 33.44 1.89 -0.57 | 36.86 2.21 -0.67 | 40.22 1.99 0.06 | 44.23 2.38 0.00 | 41.18 2.26 0.00 | 38.37 2.03 0.00 | 35.54 1.88 0.00 | 32.49 2.10 0.00 | 28.51 1.99 0.00 | 26.89 2.49 -0.01 |
| HOLTSVILLE_IC_8 23697 | 26.28 2.45 -0.01 | 24.92 2.14 -0.01 | 20.96 1.96 -0.01 | 20.53 1.85 0.00 | 19.99 1.57 0.00 | 21.28 1.74 0.00 | 23.37 2.03 0.00 | 23.38 2.07 0.00 | 24.78 2.67 0.00 | 23.54 2.12 0.00 | 26.58 2.70 -0.18 | 27.55 3.04 -0.56 | 28.56 2.77 -0.33 | 30.14 2.07 -0.44 | 33.44 1.89 -0.57 | 36.86 2.21 -0.67 | 40.22 1.99 0.06 | 44.23 2.38 0.00 | 41.18 2.26 0.00 | 38.37 2.03 0.00 | 35.54 1.88 0.00 | 32.49 2.10 0.00 | 28.51 1.99 0.00 | 26.89 2.49 -0.01 |
| HOLTSVILLE_IC_9 23698 | 26.28 2.45 -0.01 | 24.92 2.14 -0.01 | 20.96 1.96 -0.01 | 20.53 1.85 0.00 | 19.99 1.57 0.00 | 21.28 1.74 0.00 | 23.37 2.03 0.00 | 23.38 2.07 0.00 | 24.78 2.67 0.00 | 23.54 2.12 0.00 | 26.58 2.70 -0.18 | 27.55 3.04 -0.56 | 28.56 2.77 -0.33 | 30.14 2.07 -0.44 | 33.44 1.89 -0.57 | 36.86 2.21 -0.67 | 40.22 1.99 0.06 | 44.23 2.38 0.00 | 41.18 2.26 0.00 | 38.37 2.03 0.00 | 35.54 1.88 0.00 | 32.49 2.10 0.00 | 28.51 1.99 0.00 | 26.89 2.49 -0.01 |
| HOMER_HL_115KV_TB2 355744 | 24.42 0.60 0.00 | 22.93 0.16 0.00 | 19.59 0.59 0.00 | 19.01 0.34 0.00 | 18.92 0.50 0.00 | 20.21 0.66 0.00 | 21.96 0.62 0.00 | 22.00 0.68 0.00 | 22.68 0.57 0.00 | 22.02 0.60 0.00 | 24.64 0.95 0.00 | 25.06 1.10 0.00 | 26.85 1.40 0.00 | 29.48 1.85 0.00 | 33.80 2.82 0.00 | 36.67 2.68 0.00 | 40.18 1.57 -0.32 | 45.69 3.85 0.00 | 42.00 3.07 0.00 | 39.06 2.73 0.00 | 35.71 2.05 0.00 | 31.82 1.43 0.00 | 27.97 1.46 0.00 | 25.76 1.37 0.00 |
| HOWARD_WT_PWR 323690 | 24.68 0.86 0.00 | 23.20 0.43 0.00 | 19.68 0.68 0.00 | 19.24 0.56 0.00 | 19.08 0.66 0.00 | 20.30 0.76 0.00 | 22.09 0.75 0.00 | 22.23 0.92 0.00 | 22.86 0.75 0.00 | 22.13 0.71 0.00 | 24.69 1.00 0.00 | 25.15 1.20 0.00 | 26.87 1.42 0.00 | 29.51 1.88 0.00 | 33.74 2.76 0.00 | 36.81 2.82 0.00 | 41.34 2.68 -0.37 | 45.94 4.10 0.00 | 42.46 3.54 0.00 | 39.67 3.34 0.00 | 36.28 2.63 0.00 | 32.03 1.64 0.00 | 28.13 1.62 0.00 | 25.59 1.19 0.00 |

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| HQ_GEN_CEDARS 23644 | 22.94 -0.88 0.00 | 22.20 -0.57 0.00 | 18.27 -0.72 0.00 | 18.53 -0.15 0.00 | 18.28 -0.15 0.00 | 18.82 -0.72 0.00 | 20.57 -0.77 0.00 | 20.44 -0.87 0.00 | 21.13 -0.97 0.00 | 20.61 -0.81 0.00 | 22.79 -0.90 0.00 | 22.80 -1.15 0.00 | 24.23 -1.22 0.00 | 26.25 -1.38 0.00 | 29.24 -1.73 0.00 | 32.12 -1.87 0.00 | 37.64 -0.65 0.00 | 40.67 -1.17 0.00 | 37.79 -1.13 0.00 | 34.34 -2.00 0.00 | 31.87 -1.78 0.00 | 29.08 -1.31 0.00 | 25.32 -1.19 0.00 | 23.37 -1.02 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 22.94 -0.88 0.00 | 22.20 -0.57 0.00 | 18.27 -0.72 0.00 | 17.95 -0.73 0.00 | 17.70 -0.72 0.00 | 18.82 -0.72 0.00 | 20.57 -0.77 0.00 | 20.44 -0.87 0.00 | 21.13 -0.97 0.00 | 20.61 -0.81 0.00 | 22.79 -0.90 0.00 | 22.78 -1.17 0.00 | 24.23 -1.22 0.00 | 26.22 -1.41 0.00 | 29.28 -1.70 0.00 | 30.44 -1.77 1.78 | 39.42 -0.65 -1.78 | 40.67 -1.17 0.00 | 37.87 -1.05 0.00 | 34.34 -2.00 0.00 | 31.87 -1.78 0.00 | 29.05 -1.34 0.00 | 25.35 -1.17 0.00 | 23.37 -1.02 0.00 |
| HQ_GEN_IMPORT 323601 | 23.44 -0.38 0.00 | 23.44 -0.18 -0.85 | 17.80 -0.34 0.85 | 18.34 -0.34 0.00 | 18.09 -0.33 0.00 | 19.19 -0.35 0.00 | 20.98 -0.36 0.00 | 20.91 -0.41 0.00 | 21.68 -0.42 0.00 | 21.14 -0.28 0.00 | 23.39 -0.31 0.00 | 23.45 -0.50 0.00 | 24.91 -0.54 0.00 | 27.02 -0.61 0.00 | 30.27 -0.71 0.00 | 31.46 -0.75 1.78 | 39.50 -0.57 -1.78 | 40.84 -1.00 0.00 | 37.99 -0.93 0.00 | 35.35 -0.98 0.00 | 32.75 -0.91 0.00 | 29.81 -0.58 0.00 | 25.96 -0.56 0.00 | 23.90 -0.49 0.00 |
| HQ_GEN_WHEEL 23651 | 23.44 -0.38 0.00 | 23.44 -0.18 -0.85 | 17.80 -0.34 0.85 | 18.34 -0.34 0.00 | 18.09 -0.33 0.00 | 19.19 -0.35 0.00 | 20.98 -0.36 0.00 | 20.91 -0.41 0.00 | 21.68 -0.42 0.00 | 21.14 -0.28 0.00 | 23.39 -0.31 0.00 | 23.45 -0.50 0.00 | 24.91 -0.54 0.00 | 27.02 -0.61 0.00 | 30.27 -0.71 0.00 | 31.46 -0.75 1.78 | 39.50 -0.57 -1.78 | 40.84 -1.00 0.00 | 37.99 -0.93 0.00 | 35.35 -0.98 0.00 | 32.75 -0.91 0.00 | 29.81 -0.58 0.00 | 25.96 -0.56 0.00 | 23.90 -0.49 0.00 |
| HUDSON_AVE_GT_3 23810 | 25.30 1.48 0.00 | 23.98 1.21 0.00 | 20.19 1.20 0.00 | 19.76 1.08 0.00 | 19.40 0.98 0.00 | 20.72 1.17 0.00 | 22.77 1.43 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.23 2.44 -0.33 | 30.64 2.57 -0.44 | 34.15 2.60 -0.57 | 37.71 3.06 -0.67 | 40.99 2.76 0.06 | 45.31 3.47 0.00 | 42.04 3.11 0.00 | 39.06 2.73 0.00 | 36.31 2.66 0.00 | 32.61 2.22 0.00 | 28.53 2.02 0.00 | 26.10 1.71 0.00 |
| HUDSON_AVE_GT_4 23540 | 25.30 1.48 0.00 | 23.98 1.21 0.00 | 20.19 1.20 0.00 | 19.76 1.08 0.00 | 19.40 0.98 0.00 | 20.72 1.17 0.00 | 22.77 1.43 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.23 2.44 -0.33 | 30.64 2.57 -0.44 | 34.15 2.60 -0.57 | 37.71 3.06 -0.67 | 40.99 2.76 0.06 | 45.31 3.47 0.00 | 42.04 3.11 0.00 | 39.06 2.73 0.00 | 36.31 2.66 0.00 | 32.61 2.22 0.00 | 28.53 2.02 0.00 | 26.10 1.71 0.00 |
| HUDSON_AVE_GT_5 23657 | 25.30 1.48 0.00 | 23.98 1.21 0.00 | 20.19 1.20 0.00 | 19.76 1.08 0.00 | 19.40 0.98 0.00 | 20.72 1.17 0.00 | 22.77 1.43 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.23 2.44 -0.33 | 30.64 2.57 -0.44 | 34.15 2.60 -0.57 | 37.71 3.06 -0.67 | 40.99 2.76 0.06 | 45.31 3.47 0.00 | 42.04 3.11 0.00 | 39.06 2.73 0.00 | 36.31 2.66 0.00 | 32.61 2.22 0.00 | 28.53 2.02 0.00 | 26.10 1.71 0.00 |
| HUDSON_AVE_10 24168 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.16 1.16 0.00 | 19.72 1.05 0.00 | 19.34 0.92 0.00 | 20.66 1.11 0.00 | 22.71 1.37 0.00 | 23.10 1.79 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.56 2.49 -0.44 | 34.03 2.48 -0.57 | 37.61 2.96 -0.67 | 40.84 2.60 0.06 | 45.15 3.31 0.00 | 41.92 3.00 0.00 | 38.91 2.58 0.00 | 36.18 2.52 0.00 | 32.49 2.10 0.00 | 28.48 1.96 0.00 | 26.03 1.63 0.00 |
| HUDSON___115KV_TB 4 355613 | 24.56 0.74 0.00 | 23.36 0.59 0.00 | 19.64 0.65 0.00 | 19.29 0.62 0.00 | 19.01 0.59 0.00 | 20.19 0.64 0.00 | 22.11 0.77 0.00 | 22.10 0.79 0.00 | 22.86 0.75 0.00 | 21.91 0.49 0.00 | 24.11 0.52 0.11 | 24.55 0.67 0.07 | 25.95 0.69 0.19 | 28.15 0.77 0.25 | 31.46 0.81 0.33 | 34.69 1.09 0.38 | 39.08 0.84 0.05 | 43.26 1.42 0.00 | 40.44 1.52 0.00 | 38.01 1.67 0.00 | 35.27 1.62 0.00 | 31.64 1.25 0.00 | 27.55 1.03 0.00 | 25.24 0.85 0.00 |
| HUNTER MOUNT___DRP 323613 | 24.66 0.83 0.00 | 23.45 0.68 0.00 | 19.72 0.72 0.00 | 19.37 0.69 0.00 | 19.09 0.66 0.00 | 20.25 0.70 0.00 | 22.17 0.83 0.00 | 22.10 0.79 0.00 | 22.83 0.73 0.00 | 21.85 0.43 0.00 | 24.13 0.50 0.06 | 24.56 0.65 0.04 | 25.97 0.64 0.12 | 28.22 0.75 0.16 | 31.58 0.81 0.20 | 34.87 1.12 0.23 | 39.04 0.80 0.05 | 43.31 1.46 0.00 | 40.52 1.60 0.00 | 38.11 1.78 0.00 | 35.40 1.75 0.00 | 31.73 1.34 0.00 | 27.60 1.09 0.00 | 25.27 0.88 0.00 |
| HUNTINGTON_RES_REC 323705 | 26.07 2.24 -0.01 | 24.71 1.93 -0.01 | 20.81 1.81 -0.01 | 20.38 1.70 0.00 | 19.88 1.46 0.00 | 21.15 1.60 0.00 | 23.22 1.88 0.00 | 23.12 1.81 0.00 | 24.47 2.37 0.00 | 23.33 1.91 0.00 | 26.32 2.44 -0.18 | 27.26 2.75 -0.56 | 28.30 2.52 -0.33 | 29.87 1.79 -0.44 | 33.19 1.64 -0.57 | 36.59 1.94 -0.67 | 39.92 1.68 0.06 | 43.93 2.09 0.00 | 40.98 2.06 0.00 | 38.15 1.82 0.00 | 35.37 1.72 0.00 | 32.21 1.82 0.00 | 28.27 1.75 0.00 | 26.72 2.32 -0.01 |
| HUNTLEY___63 23557 | 24.06 0.24 0.00 | 22.56 -0.20 0.00 | 19.26 0.27 0.00 | 18.71 0.04 0.00 | 18.61 0.18 0.00 | 19.80 0.25 0.00 | 21.47 0.13 0.00 | 21.44 0.13 0.00 | 22.17 0.07 0.00 | 21.49 0.06 0.00 | 24.15 0.45 0.00 | 24.55 0.60 0.00 | 26.26 0.81 0.00 | 28.73 1.11 0.00 | 33.55 2.57 0.00 | 36.23 2.24 0.00 | 41.31 2.76 -0.26 | 45.52 3.68 0.00 | 41.69 2.76 0.00 | 38.84 2.51 0.00 | 35.54 1.88 0.00 | 31.15 0.76 0.00 | 27.42 0.90 0.00 | 25.27 0.88 0.00 |
| HUNTLEY___64 23558 | 24.06 0.24 0.00 | 22.56 -0.20 0.00 | 19.26 0.27 0.00 | 18.71 0.04 0.00 | 18.61 0.18 0.00 | 19.80 0.25 0.00 | 21.47 0.13 0.00 | 21.44 0.13 0.00 | 22.17 0.07 0.00 | 21.49 0.06 0.00 | 24.15 0.45 0.00 | 24.55 0.60 0.00 | 26.26 0.81 0.00 | 28.73 1.11 0.00 | 33.55 2.57 0.00 | 36.23 2.24 0.00 | 41.31 2.76 -0.26 | 45.52 3.68 0.00 | 41.69 2.76 0.00 | 38.84 2.51 0.00 | 35.54 1.88 0.00 | 31.15 0.76 0.00 | 27.42 0.90 0.00 | 25.27 0.88 0.00 |
| HUNTLEY___65 23559 | 24.06 0.24 0.00 | 22.56 -0.20 0.00 | 19.26 0.27 0.00 | 18.71 0.04 0.00 | 18.61 0.18 0.00 | 19.80 0.25 0.00 | 21.47 0.13 0.00 | 21.44 0.13 0.00 | 22.17 0.07 0.00 | 21.49 0.06 0.00 | 24.15 0.45 0.00 | 24.55 0.60 0.00 | 26.26 0.81 0.00 | 28.73 1.11 0.00 | 33.55 2.57 0.00 | 36.23 2.24 0.00 | 41.31 2.76 -0.26 | 45.52 3.68 0.00 | 41.69 2.76 0.00 | 38.84 2.51 0.00 | 35.54 1.88 0.00 | 31.15 0.76 0.00 | 27.42 0.90 0.00 | 25.27 0.88 0.00 |
| HUNTLEY___66 23560 | 24.06 0.24 0.00 | 22.56 -0.20 0.00 | 19.26 0.27 0.00 | 18.71 0.04 0.00 | 18.61 0.18 0.00 | 19.80 0.25 0.00 | 21.47 0.13 0.00 | 21.44 0.13 0.00 | 22.17 0.07 0.00 | 21.49 0.06 0.00 | 24.15 0.45 0.00 | 24.55 0.60 0.00 | 26.26 0.81 0.00 | 28.73 1.11 0.00 | 33.55 2.57 0.00 | 36.23 2.24 0.00 | 41.31 2.76 -0.26 | 45.52 3.68 0.00 | 41.69 2.76 0.00 | 38.84 2.51 0.00 | 35.54 1.88 0.00 | 31.15 0.76 0.00 | 27.42 0.90 0.00 | 25.27 0.88 0.00 |

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| HUNTLEY___67 23561 | 23.94 0.12 0.00 | 22.47 -0.30 0.00 | 19.17 0.17 0.00 | 18.62 -0.06 0.00 | 18.51 0.09 0.00 | 19.74 0.20 0.00 | 21.40 0.06 0.00 | 21.34 0.02 0.00 | 22.06 -0.04 0.00 | 21.40 -0.02 0.00 | 23.98 0.28 0.00 | 24.39 0.43 0.00 | 26.09 0.64 0.00 | 28.51 0.88 0.00 | 33.24 2.26 0.00 | 35.89 1.90 0.00 | 40.89 2.34 -0.26 | 45.11 3.26 0.00 | 41.30 2.37 0.00 | 38.51 2.18 0.00 | 35.23 1.58 0.00 | 30.91 0.52 0.00 | 27.23 0.72 0.00 | 25.10 0.71 0.00 |
| HUNTLEY___68 23562 | 23.94 0.12 0.00 | 22.47 -0.30 0.00 | 19.17 0.17 0.00 | 18.62 -0.06 0.00 | 18.51 0.09 0.00 | 19.74 0.20 0.00 | 21.40 0.06 0.00 | 21.34 0.02 0.00 | 22.06 -0.04 0.00 | 21.40 -0.02 0.00 | 23.98 0.28 0.00 | 24.39 0.43 0.00 | 26.09 0.64 0.00 | 28.51 0.88 0.00 | 33.24 2.26 0.00 | 35.89 1.90 0.00 | 40.89 2.34 -0.26 | 45.11 3.26 0.00 | 41.30 2.37 0.00 | 38.51 2.18 0.00 | 35.23 1.58 0.00 | 30.91 0.52 0.00 | 27.23 0.72 0.00 | 25.10 0.71 0.00 |
| HYLAND___LFGE 323620 | 25.18 1.36 0.00 | 23.70 0.93 0.00 | 19.98 0.99 0.00 | 19.56 0.88 0.00 | 19.40 0.98 0.00 | 20.74 1.19 0.00 | 22.51 1.17 0.00 | 22.57 1.26 0.00 | 22.92 0.82 0.00 | 21.85 0.43 0.00 | 24.24 0.55 0.00 | 24.67 0.72 0.00 | 26.16 0.71 0.00 | 28.49 0.86 0.00 | 31.57 0.59 0.00 | 34.63 0.64 0.00 | 39.57 0.99 -0.28 | 43.93 2.09 0.00 | 41.38 2.45 0.00 | 39.42 3.09 0.00 | 36.44 2.79 0.00 | 32.09 1.70 0.00 | 28.95 2.44 0.00 | 26.34 1.95 0.00 |
| INDECK___CORINTH 23802 | 24.68 0.86 0.00 | 23.50 0.73 0.00 | 19.64 0.65 0.00 | 19.35 0.67 0.00 | 19.08 0.66 0.00 | 20.27 0.72 0.00 | 22.19 0.85 0.00 | 22.21 0.90 0.00 | 23.10 1.00 0.00 | 22.11 0.69 0.00 | 24.17 0.66 0.18 | 24.72 0.91 0.14 | 26.11 0.99 0.33 | 27.88 0.69 0.44 | 31.12 0.71 0.57 | 34.07 0.75 0.67 | 38.84 0.61 0.06 | 43.14 1.30 0.00 | 40.36 1.44 0.00 | 38.29 1.96 0.00 | 35.50 1.85 0.00 | 32.06 1.67 0.00 | 27.87 1.35 0.00 | 25.51 1.12 0.00 |
| INDECK___ILION 23567 | 24.13 0.31 0.00 | 23.00 0.23 0.00 | 19.24 0.25 0.00 | 18.88 0.21 0.00 | 18.64 0.22 0.00 | 19.80 0.25 0.00 | 21.64 0.30 0.00 | 21.61 0.30 0.00 | 22.41 0.31 0.00 | 21.68 0.26 0.00 | 23.96 0.26 0.00 | 24.29 0.34 0.00 | 25.83 0.38 0.00 | 28.04 0.41 0.00 | 31.44 0.46 0.00 | 34.50 0.51 0.00 | 38.75 0.46 0.00 | 42.47 0.63 0.00 | 39.54 0.62 0.00 | 36.99 0.65 0.00 | 34.26 0.61 0.00 | 30.88 0.49 0.00 | 26.94 0.42 0.00 | 24.76 0.37 0.00 |
| INDECK___OLEAN 23982 | 24.42 0.60 0.00 | 22.93 0.16 0.00 | 19.59 0.59 0.00 | 19.12 0.45 0.00 | 19.01 0.59 0.00 | 20.21 0.66 0.00 | 21.96 0.62 0.00 | 22.10 0.79 0.00 | 22.68 0.57 0.00 | 22.02 0.60 0.00 | 24.64 0.95 0.00 | 25.08 1.13 0.00 | 26.87 1.42 0.00 | 29.64 2.02 0.00 | 33.86 2.88 0.00 | 36.91 2.92 0.00 | 40.15 1.53 -0.32 | 45.82 3.98 0.00 | 42.19 3.27 0.00 | 39.39 3.05 0.00 | 36.01 2.35 0.00 | 32.06 1.67 0.00 | 28.21 1.70 0.00 | 25.81 1.41 0.00 |
| INDECK___OSWEGO 23783 | 23.56 -0.26 0.00 | 22.40 -0.37 0.00 | 18.79 -0.21 0.00 | 18.45 -0.22 0.00 | 18.22 -0.20 0.00 | 19.35 -0.20 0.00 | 21.08 -0.26 0.00 | 20.93 -0.38 0.00 | 21.66 -0.44 0.00 | 20.95 -0.47 0.00 | 23.17 -0.52 0.00 | 23.52 -0.43 0.00 | 25.04 -0.41 0.00 | 27.24 -0.39 0.00 | 30.64 -0.34 0.00 | 33.27 -0.72 0.00 | 37.49 -0.88 -0.08 | 41.05 -0.80 0.00 | 38.14 -0.78 0.00 | 35.68 -0.65 0.00 | 33.01 -0.64 0.00 | 29.90 -0.49 0.00 | 26.20 -0.32 0.00 | 24.12 -0.27 0.00 |
| INDECK___YERKES 23781 | 24.08 0.26 0.00 | 22.59 -0.18 0.00 | 19.28 0.29 0.00 | 18.79 0.11 0.00 | 18.66 0.24 0.00 | 19.82 0.27 0.00 | 21.49 0.15 0.00 | 21.59 0.28 0.00 | 22.19 0.09 0.00 | 21.51 0.09 0.00 | 24.17 0.47 0.00 | 24.62 0.67 0.00 | 26.29 0.84 0.00 | 29.01 1.38 0.00 | 33.67 2.69 0.00 | 36.60 2.62 0.00 | 41.34 2.79 -0.26 | 45.65 3.81 0.00 | 42.04 3.11 0.00 | 39.20 2.87 0.00 | 35.94 2.29 0.00 | 31.48 1.09 0.00 | 27.71 1.19 0.00 | 25.37 0.98 0.00 |
| INDIAN POINT_GT_1 24139 | 24.99 1.17 0.00 | 23.70 0.93 0.00 | 19.97 0.97 0.00 | 19.54 0.86 0.00 | 19.21 0.79 0.00 | 20.48 0.94 0.00 | 22.45 1.11 0.00 | 22.72 1.41 0.00 | 23.70 1.59 0.00 | 22.81 1.39 0.00 | 25.46 1.59 -0.17 | 26.06 1.80 -0.31 | 27.65 1.88 -0.31 | 30.04 1.99 -0.42 | 33.50 1.98 -0.54 | 36.96 2.35 -0.63 | 40.30 2.07 0.06 | 44.52 2.68 0.00 | 41.37 2.45 0.00 | 38.55 2.22 0.00 | 35.81 2.15 0.00 | 32.15 1.76 0.00 | 28.08 1.56 0.00 | 25.73 1.34 0.00 |
| INDIAN POINT_GT_2 23659 | 24.99 1.17 0.00 | 23.70 0.93 0.00 | 19.97 0.97 0.00 | 19.54 0.86 0.00 | 19.21 0.79 0.00 | 20.48 0.94 0.00 | 22.45 1.11 0.00 | 22.72 1.41 0.00 | 23.70 1.59 0.00 | 22.81 1.39 0.00 | 25.46 1.59 -0.17 | 26.06 1.80 -0.31 | 27.65 1.88 -0.31 | 30.04 1.99 -0.42 | 33.50 1.98 -0.54 | 36.96 2.35 -0.63 | 40.30 2.07 0.06 | 44.52 2.68 0.00 | 41.37 2.45 0.00 | 38.55 2.22 0.00 | 35.81 2.15 0.00 | 32.15 1.76 0.00 | 28.08 1.56 0.00 | 25.73 1.34 0.00 |
| INDIAN POINT_GT_3 24019 | 24.99 1.17 0.00 | 23.70 0.93 0.00 | 19.97 0.97 0.00 | 19.54 0.86 0.00 | 19.21 0.79 0.00 | 20.48 0.94 0.00 | 22.45 1.11 0.00 | 22.72 1.41 0.00 | 23.70 1.59 0.00 | 22.81 1.39 0.00 | 25.46 1.59 -0.17 | 26.06 1.80 -0.31 | 27.65 1.88 -0.31 | 30.04 1.99 -0.42 | 33.50 1.98 -0.54 | 36.96 2.35 -0.63 | 40.30 2.07 0.06 | 44.52 2.68 0.00 | 41.37 2.45 0.00 | 38.55 2.22 0.00 | 35.81 2.15 0.00 | 32.15 1.76 0.00 | 28.08 1.56 0.00 | 25.73 1.34 0.00 |
| INDIAN POINT___2 23530 | 24.92 1.10 0.00 | 23.63 0.86 0.00 | 19.91 0.91 0.00 | 19.57 0.90 0.00 | 19.25 0.83 0.00 | 20.42 0.88 0.00 | 22.39 1.05 0.00 | 22.61 1.30 0.00 | 23.61 1.50 0.00 | 22.71 1.29 0.00 | 25.35 1.49 -0.16 | 25.53 1.68 0.10 | 27.50 1.75 -0.29 | 29.84 1.82 -0.39 | 33.28 1.80 -0.50 | 36.61 2.04 -0.59 | 40.11 1.88 0.06 | 44.31 2.47 0.00 | 41.02 2.10 0.00 | 38.33 2.00 0.00 | 35.57 1.92 0.00 | 31.97 1.58 0.00 | 27.95 1.43 0.00 | 25.63 1.24 0.00 |
| INDIAN POINT___3 23531 | 25.01 1.19 0.00 | 23.72 0.96 0.00 | 19.98 0.99 0.00 | 19.56 0.88 0.00 | 19.23 0.81 0.00 | 20.50 0.96 0.00 | 22.47 1.13 0.00 | 22.74 1.43 0.00 | 23.74 1.64 0.00 | 22.84 1.41 0.00 | 25.51 1.63 -0.18 | 26.46 1.82 -0.68 | 27.68 1.91 -0.32 | 30.07 2.02 -0.43 | 33.54 2.01 -0.55 | 37.01 2.38 -0.64 | 40.34 2.11 0.06 | 44.56 2.72 0.00 | 41.41 2.49 0.00 | 38.59 2.25 0.00 | 35.84 2.19 0.00 | 32.18 1.79 0.00 | 28.11 1.59 0.00 | 25.76 1.37 0.00 |
| INGHAM_C_115KV_TB7 356103 | 24.20 0.38 0.00 | 23.06 0.30 0.00 | 19.30 0.30 0.00 | 18.94 0.26 0.00 | 18.70 0.28 0.00 | 19.88 0.33 0.00 | 21.72 0.38 0.00 | 21.70 0.38 0.00 | 22.48 0.38 0.00 | 21.74 0.32 0.00 | 24.05 0.36 0.00 | 24.39 0.43 0.00 | 25.91 0.46 0.00 | 28.15 0.52 0.00 | 31.57 0.59 0.00 | 34.53 0.54 0.00 | 38.83 0.54 0.00 | 42.55 0.71 0.00 | 39.62 0.70 0.00 | 37.10 0.76 0.00 | 34.33 0.67 0.00 | 30.94 0.55 0.00 | 27.02 0.50 0.00 | 24.83 0.44 0.00 |
| IP CORINTH___1 23988 | 24.82 1.00 0.00 | 23.63 0.87 0.00 | 19.74 0.74 0.00 | 19.39 0.71 0.00 | 19.12 0.70 0.00 | 20.36 0.82 0.00 | 22.30 0.96 0.00 | 22.34 1.02 0.00 | 23.21 1.11 0.00 | 22.21 0.79 0.00 | 24.29 0.78 0.18 | 24.84 1.03 0.14 | 26.24 1.12 0.33 | 28.01 0.83 0.44 | 31.34 0.93 0.57 | 34.31 0.99 0.67 | 39.03 0.80 0.06 | 43.39 1.55 0.00 | 40.56 1.63 0.00 | 38.51 2.18 0.00 | 35.74 2.09 0.00 | 32.24 1.85 0.00 | 28.03 1.51 0.00 | 25.66 1.27 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| IP___TICONDEROGA 23804 | 25.97 2.14 0.00 | 24.73 1.96 0.00 | 20.59 1.60 0.00 | 20.21 1.53 0.00 | 19.93 1.51 0.00 | 21.30 1.76 0.00 | 23.30 1.96 0.00 | 23.32 2.00 0.00 | 24.25 2.14 0.00 | 23.09 1.67 0.00 | 25.21 1.71 0.19 | 25.87 2.06 0.15 | 27.40 2.29 0.34 | 29.30 2.13 0.45 | 32.94 2.54 0.58 | 36.09 2.79 0.68 | 41.03 2.80 0.06 | 45.94 4.10 0.00 | 43.05 4.13 0.00 | 40.91 4.58 0.00 | 37.93 4.27 0.00 | 34.10 3.71 0.00 | 29.54 3.02 0.00 | 26.95 2.56 0.00 |
| ISLIP_RES_REC 323679 | 26.40 2.57 -0.01 | 25.03 2.25 -0.01 | 21.06 2.05 -0.01 | 20.62 1.94 0.00 | 20.08 1.66 0.00 | 21.38 1.84 0.00 | 23.47 2.13 0.00 | 23.49 2.18 0.00 | 24.91 2.81 0.00 | 23.67 2.25 0.00 | 26.75 2.87 -0.18 | 27.74 3.23 -0.56 | 28.73 2.95 -0.33 | 30.34 2.27 -0.44 | 33.69 2.14 -0.57 | 37.13 2.48 -0.67 | 40.53 2.30 0.06 | 44.56 2.72 0.00 | 41.49 2.57 0.00 | 38.62 2.29 0.00 | 35.77 2.12 0.00 | 32.70 2.31 0.00 | 28.66 2.15 0.00 | 27.03 2.64 -0.01 |
| JAMAICA__27_KV_LOAD 355505 | 25.42 1.60 0.00 | 24.07 1.30 0.00 | 20.25 1.25 0.00 | 19.82 1.14 0.00 | 19.42 0.99 0.00 | 20.77 1.23 0.00 | 22.86 1.52 0.00 | 23.25 1.94 0.00 | 24.34 2.23 0.00 | 23.41 1.99 0.00 | 26.04 2.16 -0.18 | 26.87 2.37 -0.54 | 28.28 2.49 -0.33 | 30.72 2.65 -0.44 | 34.12 2.57 -0.57 | 37.75 3.09 -0.67 | 40.99 2.76 0.06 | 45.27 3.43 0.00 | 42.07 3.15 0.00 | 39.06 2.73 0.00 | 36.34 2.69 0.00 | 32.55 2.16 0.00 | 28.72 2.20 0.00 | 26.20 1.80 0.00 |
| JANIS___SOLAR 323808 | 25.25 1.43 0.00 | 23.93 1.16 0.00 | 20.06 1.06 0.00 | 19.67 0.99 0.00 | 19.47 1.05 0.00 | 20.74 1.19 0.00 | 22.69 1.35 0.00 | 22.08 0.77 0.00 | 22.70 0.60 0.00 | 21.83 0.41 0.00 | 24.07 0.38 0.00 | 24.43 0.48 0.00 | 26.04 0.59 0.00 | 28.37 0.75 0.00 | 32.03 1.05 0.00 | 35.14 1.16 0.00 | 39.92 1.38 -0.25 | 45.31 3.47 0.00 | 42.31 3.38 0.00 | 39.75 3.41 0.00 | 36.71 3.06 0.00 | 32.76 2.37 0.00 | 28.53 2.01 0.00 | 26.00 1.61 0.00 |
| JARVIS____ 23743 | 23.99 0.17 0.00 | 22.88 0.11 0.00 | 19.15 0.15 0.00 | 18.83 0.15 0.00 | 18.57 0.15 0.00 | 19.70 0.16 0.00 | 21.51 0.17 0.00 | 21.51 0.19 0.00 | 22.30 0.20 0.00 | 21.55 0.13 0.00 | 23.84 0.14 0.00 | 24.17 0.22 0.00 | 25.65 0.20 0.00 | 27.88 0.25 0.00 | 31.26 0.28 0.00 | 34.26 0.27 0.00 | 38.52 0.23 0.00 | 42.22 0.38 0.00 | 39.27 0.35 0.00 | 36.73 0.40 0.00 | 34.02 0.37 0.00 | 30.66 0.27 0.00 | 26.75 0.24 0.00 | 24.61 0.22 0.00 |
| JENNISON___1 23625 | 25.35 1.52 0.00 | 24.04 1.28 0.00 | 20.17 1.18 0.00 | 19.72 1.05 0.00 | 19.51 1.09 0.00 | 20.81 1.27 0.00 | 22.81 1.47 0.00 | 23.19 1.88 0.00 | 23.92 1.81 0.00 | 22.96 1.54 0.00 | 25.40 1.71 0.00 | 25.87 1.92 0.00 | 27.54 2.09 0.00 | 30.09 2.46 0.00 | 34.05 3.07 0.00 | 37.25 3.26 0.00 | 45.12 3.64 -3.19 | 45.57 3.72 0.00 | 42.46 3.54 0.00 | 39.82 3.49 0.00 | 36.78 3.13 0.00 | 32.88 2.49 0.00 | 28.58 2.07 0.00 | 26.12 1.73 0.00 |
| JENNISON___2 23626 | 25.35 1.52 0.00 | 24.04 1.28 0.00 | 20.17 1.18 0.00 | 19.72 1.05 0.00 | 19.51 1.09 0.00 | 20.81 1.27 0.00 | 22.81 1.47 0.00 | 23.19 1.88 0.00 | 23.92 1.81 0.00 | 22.96 1.54 0.00 | 25.40 1.71 0.00 | 25.87 1.92 0.00 | 27.54 2.09 0.00 | 30.09 2.46 0.00 | 34.05 3.07 0.00 | 37.25 3.26 0.00 | 45.12 3.64 -3.19 | 45.57 3.72 0.00 | 42.46 3.54 0.00 | 39.82 3.49 0.00 | 36.78 3.13 0.00 | 32.88 2.49 0.00 | 28.58 2.07 0.00 | 26.12 1.73 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 23.68 -0.14 0.00 | 22.91 0.14 0.00 | 18.86 -0.13 0.00 | 18.53 -0.15 0.00 | 18.27 -0.15 0.00 | 19.47 -0.08 0.00 | 21.30 -0.04 0.00 | 21.04 -0.28 0.00 | 21.79 -0.31 0.00 | 21.27 -0.15 0.00 | 23.53 -0.16 0.00 | 23.52 -0.43 0.00 | 25.02 -0.43 0.00 | 27.10 -0.53 0.00 | 30.30 -0.68 0.00 | 33.34 -0.65 0.00 | 38.06 -0.23 0.00 | 40.80 -1.04 0.00 | 38.26 -0.66 0.00 | 35.50 -0.83 0.00 | 32.84 -0.81 0.00 | 29.84 -0.55 0.00 | 25.96 -0.56 0.00 | 24.07 -0.32 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 25.23 1.41 0.00 | 23.91 1.14 0.00 | 20.14 1.14 0.00 | 19.70 1.03 0.00 | 19.36 0.94 0.00 | 20.64 1.09 0.00 | 22.60 1.26 0.00 | 22.89 1.58 0.00 | 23.89 1.79 0.00 | 22.99 1.56 0.00 | 25.70 1.82 -0.18 | 26.30 2.04 -0.31 | 27.94 2.16 -0.33 | 30.44 2.38 -0.43 | 33.96 2.42 -0.56 | 37.43 2.79 -0.65 | 40.80 2.57 0.06 | 45.06 3.22 0.00 | 41.88 2.96 0.00 | 39.02 2.69 0.00 | 36.21 2.56 0.00 | 32.49 2.10 0.00 | 28.32 1.80 0.00 | 25.90 1.51 0.00 |
| KCE_NY_1 323755 | 25.01 1.19 0.00 | 23.82 1.05 0.00 | 19.93 0.93 0.00 | 19.63 0.95 0.00 | 19.36 0.94 0.00 | 20.54 1.00 0.00 | 22.47 1.13 0.00 | 22.49 1.17 0.00 | 23.34 1.24 0.00 | 22.41 0.99 0.00 | 24.47 0.97 0.20 | 24.99 1.20 0.16 | 26.38 1.30 0.36 | 28.39 1.24 0.48 | 31.72 1.36 0.62 | 34.86 1.60 0.73 | 39.80 1.57 0.06 | 44.10 2.26 0.00 | 41.22 2.30 0.00 | 38.81 2.47 0.00 | 35.97 2.32 0.00 | 32.36 1.97 0.00 | 28.19 1.67 0.00 | 25.83 1.44 0.00 |
| KCE_NY_6_ESR 323823 | 24.27 0.45 0.00 | 22.79 0.02 0.00 | 19.45 0.46 0.00 | 18.96 0.28 0.00 | 18.83 0.40 0.00 | 20.01 0.47 0.00 | 21.72 0.38 0.00 | 21.82 0.51 0.00 | 22.44 0.33 0.00 | 21.76 0.34 0.00 | 24.43 0.74 0.00 | 24.89 0.93 0.00 | 26.57 1.12 0.00 | 29.31 1.69 0.00 | 33.98 3.00 0.00 | 36.94 2.96 0.00 | 41.40 2.83 -0.28 | 46.07 4.22 0.00 | 42.43 3.50 0.00 | 39.57 3.23 0.00 | 36.24 2.59 0.00 | 31.82 1.43 0.00 | 27.97 1.46 0.00 | 25.59 1.19 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 26.24 2.41 -0.01 | 24.87 2.09 -0.01 | 20.92 1.92 -0.01 | 20.49 1.81 0.00 | 19.97 1.55 0.00 | 21.24 1.70 0.00 | 23.35 2.01 0.00 | 23.34 2.03 0.00 | 24.71 2.61 0.00 | 23.50 2.08 0.00 | 26.53 2.65 -0.18 | 27.50 2.99 -0.56 | 28.51 2.72 -0.33 | 30.06 1.99 -0.44 | 33.25 1.70 -0.57 | 36.62 1.97 -0.67 | 39.84 1.61 0.06 | 43.64 1.80 0.00 | 40.63 1.71 0.00 | 37.97 1.64 0.00 | 35.33 1.68 0.00 | 32.43 2.04 0.00 | 28.51 1.99 0.00 | 26.89 2.49 -0.01 |
| KEDC_PORT_JEFF_GT3 24211 | 26.24 2.41 -0.01 | 24.87 2.09 -0.01 | 20.92 1.92 -0.01 | 20.49 1.81 0.00 | 19.97 1.55 0.00 | 21.24 1.70 0.00 | 23.35 2.01 0.00 | 23.34 2.03 0.00 | 24.71 2.61 0.00 | 23.50 2.08 0.00 | 26.53 2.65 -0.18 | 27.50 2.99 -0.56 | 28.51 2.72 -0.33 | 30.06 1.99 -0.44 | 33.25 1.70 -0.57 | 36.62 1.97 -0.67 | 39.84 1.61 0.06 | 43.64 1.80 0.00 | 40.63 1.71 0.00 | 37.97 1.64 0.00 | 35.33 1.68 0.00 | 32.43 2.04 0.00 | 28.51 1.99 0.00 | 26.89 2.49 -0.01 |
| KEDC_GLWD_GT4 24219 | 25.59 1.76 -0.01 | 24.28 1.50 -0.01 | 20.43 1.43 -0.01 | 20.06 1.38 0.00 | 19.64 1.22 0.00 | 20.87 1.33 0.00 | 22.92 1.58 0.00 | 23.08 1.77 0.00 | 24.27 2.17 0.00 | 23.26 1.84 0.00 | 26.15 2.27 -0.18 | 27.03 2.51 -0.56 | 28.28 2.50 -0.33 | 30.34 2.27 -0.44 | 33.84 2.29 -0.57 | 37.27 2.62 -0.67 | 40.38 2.14 0.06 | 44.52 2.68 0.00 | 41.30 2.37 0.00 | 38.48 2.14 0.00 | 35.97 2.32 0.00 | 32.49 2.10 0.00 | 28.34 1.83 0.00 | 26.30 1.90 -0.01 |
| KEDC_GLWD_GT5 24220 | 25.59 1.76 -0.01 | 24.28 1.50 -0.01 | 20.43 1.43 -0.01 | 20.06 1.38 0.00 | 19.64 1.22 0.00 | 20.87 1.33 0.00 | 22.92 1.58 0.00 | 23.08 1.77 0.00 | 24.27 2.17 0.00 | 23.26 1.84 0.00 | 26.15 2.27 -0.18 | 27.03 2.51 -0.56 | 28.28 2.50 -0.33 | 30.34 2.27 -0.44 | 33.84 2.29 -0.57 | 37.27 2.62 -0.67 | 40.38 2.14 0.06 | 44.52 2.68 0.00 | 41.30 2.37 0.00 | 38.48 2.14 0.00 | 35.97 2.32 0.00 | 32.49 2.10 0.00 | 28.34 1.83 0.00 | 26.30 1.90 -0.01 |

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| KENSICO____ 23655 | 25.16 1.33 0.00 | 23.86 1.09 0.00 | 20.08 1.08 0.00 | 19.67 0.99 0.00 | 19.33 0.90 0.00 | 20.62 1.07 0.00 | 22.60 1.26 0.00 | 22.91 1.60 0.00 | 23.94 1.83 0.00 | 23.03 1.61 0.00 | 25.73 1.85 -0.18 | 26.59 2.06 -0.57 | 27.92 2.14 -0.33 | 30.34 2.27 -0.44 | 33.84 2.29 -0.57 | 37.34 2.68 -0.67 | 40.68 2.45 0.06 | 44.94 3.10 0.00 | 41.72 2.80 0.00 | 38.84 2.51 0.00 | 36.11 2.46 0.00 | 32.40 2.01 0.00 | 28.29 1.78 0.00 | 25.90 1.51 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 25.13 1.31 0.00 | 23.82 1.05 0.00 | 20.02 1.03 0.00 | 19.59 0.92 0.00 | 19.25 0.83 0.00 | 20.52 0.98 0.00 | 22.47 1.13 0.00 | 22.61 1.30 0.00 | 23.59 1.48 0.00 | 22.64 1.22 0.00 | 25.26 1.47 -0.10 | 25.66 1.63 -0.07 | 27.36 1.73 -0.18 | 29.77 1.91 -0.24 | 33.24 1.95 -0.31 | 36.69 2.35 -0.36 | 40.41 2.18 0.06 | 44.64 2.80 0.00 | 41.61 2.69 0.00 | 38.88 2.54 0.00 | 36.08 2.42 0.00 | 32.30 1.91 0.00 | 28.19 1.67 0.00 | 25.78 1.39 0.00 |
| KIAC_JFK_GT1 23816 | 25.28 1.45 0.00 | 23.93 1.16 0.00 | 20.14 1.14 0.00 | 19.70 1.03 0.00 | 19.33 0.90 0.00 | 20.66 1.11 0.00 | 22.73 1.39 0.00 | 23.13 1.81 0.00 | 24.20 2.10 0.00 | 23.29 1.86 0.00 | 25.87 1.99 -0.18 | 26.70 2.20 -0.54 | 28.12 2.34 -0.33 | 30.53 2.46 -0.44 | 33.78 2.23 -0.57 | 37.37 2.72 -0.67 | 40.57 2.34 0.06 | 44.77 2.93 0.00 | 41.61 2.69 0.00 | 38.66 2.33 0.00 | 35.97 2.32 0.00 | 32.24 1.85 0.00 | 28.53 2.02 0.00 | 26.05 1.66 0.00 |
| KIAC_JFK_GT2 23817 | 25.28 1.45 0.00 | 23.93 1.16 0.00 | 20.14 1.14 0.00 | 19.70 1.03 0.00 | 19.33 0.90 0.00 | 20.66 1.11 0.00 | 22.73 1.39 0.00 | 23.13 1.81 0.00 | 24.20 2.10 0.00 | 23.29 1.86 0.00 | 25.87 1.99 -0.18 | 26.70 2.20 -0.54 | 28.12 2.34 -0.33 | 30.53 2.46 -0.44 | 33.78 2.23 -0.57 | 37.37 2.72 -0.67 | 40.57 2.34 0.06 | 44.77 2.93 0.00 | 41.61 2.69 0.00 | 38.66 2.33 0.00 | 35.97 2.32 0.00 | 32.24 1.85 0.00 | 28.53 2.02 0.00 | 26.05 1.66 0.00 |
| KIAC_JFK____ 323774 | 25.28 1.45 0.00 | 23.93 1.16 0.00 | 20.14 1.14 0.00 | 19.80 1.12 0.00 | 19.43 1.01 0.00 | 20.66 1.11 0.00 | 22.73 1.39 0.00 | 23.12 1.81 0.00 | 24.21 2.10 0.00 | 23.28 1.86 0.00 | 25.87 1.99 -0.18 | 26.73 2.23 -0.54 | 28.12 2.34 -0.33 | 30.47 2.40 -0.44 | 33.90 2.35 -0.57 | 37.20 2.55 -0.67 | 40.49 2.26 0.06 | 44.77 2.93 0.00 | 41.41 2.49 0.00 | 38.55 2.22 0.00 | 35.91 2.25 0.00 | 32.36 1.97 0.00 | 28.48 1.96 0.00 | 26.03 1.63 0.00 |
| KINTIGH____ 23543 | 23.73 -0.10 0.00 | 22.36 -0.41 0.00 | 18.98 -0.02 0.00 | 18.47 -0.21 0.00 | 18.35 -0.07 0.00 | 19.56 0.02 0.00 | 21.23 -0.11 0.00 | 21.12 -0.19 0.00 | 21.86 -0.24 0.00 | 21.19 -0.24 0.00 | 23.67 -0.02 0.00 | 24.07 0.12 0.00 | 25.70 0.25 0.00 | 28.04 0.41 0.00 | 32.56 1.58 0.00 | 35.21 1.22 0.00 | 40.50 1.99 -0.22 | 44.18 2.34 0.00 | 40.52 1.60 0.00 | 37.82 1.49 0.00 | 34.70 1.04 0.00 | 30.51 0.12 0.00 | 26.86 0.34 0.00 | 24.76 0.37 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 24.16 0.33 0.00 | 23.34 0.57 0.00 | 19.26 0.27 0.00 | 19.11 0.43 0.00 | 18.85 0.42 0.00 | 19.91 0.37 0.00 | 21.81 0.47 0.00 | 21.36 0.04 0.00 | 22.13 0.02 0.00 | 21.55 0.13 0.00 | 23.84 0.14 0.00 | 23.86 -0.10 0.00 | 25.40 -0.05 0.00 | 27.52 -0.11 0.00 | 30.67 -0.31 0.00 | 33.75 -0.24 0.00 | 38.67 0.38 0.00 | 41.26 -0.59 0.00 | 38.26 -0.66 0.00 | 36.23 -0.11 0.00 | 33.48 -0.17 0.00 | 30.33 -0.06 0.00 | 26.25 -0.27 0.00 | 24.61 0.22 0.00 |
| LACHUTE__HYDRO 323717 | 25.97 2.14 0.00 | 24.73 1.96 0.00 | 20.59 1.60 0.00 | 20.26 1.59 0.00 | 20.02 1.60 0.00 | 21.30 1.76 0.00 | 23.30 1.96 0.00 | 23.30 1.98 0.00 | 24.25 2.14 0.00 | 23.09 1.67 0.00 | 25.21 1.71 0.19 | 25.89 2.08 0.15 | 27.40 2.29 0.34 | 29.33 2.16 0.45 | 32.90 2.51 0.58 | 36.13 2.82 0.68 | 41.14 2.91 0.06 | 45.98 4.14 0.00 | 43.16 4.24 0.00 | 40.91 4.58 0.00 | 37.93 4.27 0.00 | 34.10 3.71 0.00 | 29.56 3.05 0.00 | 26.95 2.56 0.00 |
| LAWRNCAL_115KV_TB1 80681 | 22.92 -0.91 0.00 | 22.18 -0.59 0.00 | 18.24 -0.76 0.00 | 18.45 -0.22 0.00 | 18.22 -0.20 0.00 | 18.82 -0.72 0.00 | 20.53 -0.81 0.00 | 20.33 -0.98 0.00 | 20.95 -1.15 0.00 | 20.41 -1.01 0.00 | 22.56 -1.14 0.00 | 22.56 -1.39 0.00 | 23.97 -1.48 0.00 | 25.92 -1.71 0.00 | 28.87 -2.11 0.00 | 31.71 -2.28 0.00 | 37.10 -1.19 0.00 | 40.04 -1.80 0.00 | 37.25 -1.67 0.00 | 34.01 -2.33 0.00 | 31.57 -2.09 0.00 | 28.84 -1.55 0.00 | 25.24 -1.27 0.00 | 23.34 -1.05 0.00 |
| LEDERLE____ 23769 | 25.08 1.26 0.00 | 23.79 1.02 0.00 | 20.02 1.03 0.00 | 19.59 0.92 0.00 | 19.27 0.85 0.00 | 20.56 1.02 0.00 | 22.54 1.20 0.00 | 22.76 1.45 0.00 | 23.76 1.66 0.00 | 22.86 1.44 0.00 | 25.52 1.66 -0.16 | 26.20 1.87 -0.38 | 27.70 1.96 -0.29 | 30.12 2.10 -0.39 | 33.59 2.11 -0.50 | 37.05 2.48 -0.59 | 40.45 2.22 0.06 | 44.69 2.85 0.00 | 41.53 2.61 0.00 | 38.70 2.36 0.00 | 35.94 2.29 0.00 | 32.24 1.85 0.00 | 28.19 1.67 0.00 | 25.83 1.44 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 23.87 0.05 0.00 | 22.70 -0.07 0.00 | 19.00 0.00 0.00 | 18.66 -0.02 0.00 | 18.44 0.02 0.00 | 19.62 0.08 0.00 | 21.40 0.06 0.00 | 21.25 -0.06 0.00 | 21.97 -0.13 0.00 | 21.23 -0.19 0.00 | 23.46 -0.24 0.00 | 23.83 -0.12 0.00 | 25.35 -0.10 0.00 | 27.57 -0.06 0.00 | 31.01 0.03 0.00 | 33.88 -0.10 0.00 | 38.25 -0.11 -0.07 | 41.84 0.00 0.00 | 38.96 0.04 0.00 | 36.55 0.22 0.00 | 33.79 0.13 0.00 | 30.39 0.00 0.00 | 26.65 0.13 0.00 | 24.49 0.10 0.00 |
| LINDEN COGEN____ 23786 | 25.18 1.36 0.00 | 23.84 1.07 0.00 | 20.10 1.10 0.00 | 19.76 1.08 0.00 | 19.42 0.99 0.00 | 20.64 1.09 0.00 | 22.66 1.32 0.00 | 23.04 1.73 0.00 | 24.09 1.99 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.12 2.34 -0.33 | 30.47 2.40 -0.44 | 34.00 2.45 -0.57 | 37.37 2.72 -0.67 | 40.65 2.41 0.06 | 45.06 3.22 0.00 | 41.57 2.65 0.00 | 38.73 2.40 0.00 | 36.04 2.39 0.00 | 32.43 2.04 0.00 | 28.34 1.83 0.00 | 25.95 1.56 0.00 |
| LINDHRST_69_KV_BK1 356055 | 26.20 2.38 0.00 | 24.82 2.05 0.00 | 20.90 1.90 0.00 | 20.40 1.72 0.00 | 19.88 1.46 0.00 | 21.24 1.70 0.00 | 23.35 2.01 0.00 | 23.36 2.05 0.00 | 24.69 2.59 0.00 | 23.56 2.14 0.00 | 26.56 2.68 -0.18 | 27.51 2.99 -0.56 | 28.86 3.08 -0.33 | 30.78 2.71 -0.44 | 34.15 2.60 -0.57 | 37.78 3.13 -0.67 | 41.30 3.06 0.06 | 45.65 3.81 0.00 | 42.74 3.81 0.00 | 39.68 3.34 0.00 | 36.78 3.13 0.00 | 33.40 3.01 0.00 | 28.98 2.47 0.00 | 26.98 2.59 0.00 |
| LIPA_MISC_IPP 23656 | 26.18 2.36 0.00 | 24.82 2.05 0.00 | 20.88 1.88 0.00 | 20.36 1.68 0.00 | 19.82 1.40 0.00 | 21.20 1.66 0.00 | 23.28 1.94 0.00 | 23.30 1.98 0.00 | 24.67 2.56 0.00 | 23.46 2.04 0.00 | 26.46 2.58 -0.18 | 27.43 2.92 -0.56 | 28.81 3.03 -0.33 | 30.59 2.51 -0.44 | 33.87 2.32 -0.57 | 37.54 2.89 -0.67 | 40.99 2.76 0.06 | 45.31 3.47 0.00 | 42.46 3.54 0.00 | 39.46 3.12 0.00 | 36.61 2.96 0.00 | 33.34 2.95 0.00 | 28.96 2.44 0.00 | 26.95 2.56 0.00 |
| LISF__SOLAR 323691 | 26.24 2.41 -0.01 | 24.87 2.09 -0.01 | 20.94 1.94 -0.01 | 20.49 1.81 0.00 | 19.95 1.53 0.00 | 21.24 1.70 0.00 | 23.32 1.98 0.00 | 23.32 2.00 0.00 | 24.71 2.61 0.00 | 23.48 2.06 0.00 | 26.51 2.63 -0.18 | 27.48 2.97 -0.56 | 28.48 2.70 -0.33 | 30.03 1.96 -0.44 | 33.35 1.80 -0.57 | 36.80 2.14 -0.67 | 40.19 1.95 0.06 | 44.27 2.43 0.00 | 41.22 2.30 0.00 | 38.37 2.03 0.00 | 35.54 1.88 0.00 | 32.46 2.07 0.00 | 28.45 1.93 0.00 | 26.84 2.44 -0.01 |

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| LITTLE FALLS___HYD 24013 | 24.20 0.38 0.00 | 23.06 0.30 0.00 | 19.30 0.30 0.00 | 18.94 0.26 0.00 | 18.70 0.28 0.00 | 19.88 0.33 0.00 | 21.72 0.38 0.00 | 21.70 0.38 0.00 | 22.48 0.38 0.00 | 21.74 0.32 0.00 | 24.05 0.36 0.00 | 24.39 0.43 0.00 | 25.91 0.46 0.00 | 28.15 0.52 0.00 | 31.57 0.59 0.00 | 34.53 0.54 0.00 | 38.83 0.54 0.00 | 42.55 0.71 0.00 | 39.62 0.70 0.00 | 37.10 0.76 0.00 | 34.33 0.67 0.00 | 30.94 0.55 0.00 | 27.02 0.50 0.00 | 24.83 0.44 0.00 |
| LITTLRIV_115KV_TB1 356100 | 23.08 -0.74 0.00 | 22.38 -0.39 0.00 | 18.39 -0.61 0.00 | 18.58 -0.09 0.00 | 18.37 -0.06 0.00 | 19.00 -0.55 0.00 | 20.76 -0.58 0.00 | 20.55 -0.77 0.00 | 21.18 -0.93 0.00 | 20.61 -0.81 0.00 | 22.75 -0.95 0.00 | 22.78 -1.17 0.00 | 24.20 -1.25 0.00 | 26.19 -1.44 0.00 | 29.18 -1.80 0.00 | 32.02 -1.97 0.00 | 37.45 -0.84 0.00 | 40.38 -1.46 0.00 | 37.64 -1.28 0.00 | 34.44 -1.89 0.00 | 31.97 -1.68 0.00 | 29.21 -1.19 0.00 | 25.48 -1.03 0.00 | 23.54 -0.85 0.00 |
| LI_NEWBRDGE___DRP 323616 | 25.63 1.81 0.00 | 24.29 1.53 0.00 | 20.46 1.46 0.00 | 20.00 1.33 0.00 | 19.51 1.09 0.00 | 20.85 1.31 0.00 | 22.92 1.58 0.00 | 22.95 1.64 0.00 | 24.20 2.10 0.00 | 23.14 1.71 0.00 | 26.04 2.16 -0.18 | 26.91 2.40 -0.56 | 28.28 2.49 -0.33 | 30.25 2.18 -0.44 | 33.59 2.04 -0.57 | 37.13 2.48 -0.67 | 40.49 2.26 0.06 | 44.77 2.93 0.00 | 41.84 2.92 0.00 | 38.84 2.51 0.00 | 36.08 2.42 0.00 | 32.70 2.31 0.00 | 28.45 1.94 0.00 | 26.42 2.02 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 23.94 0.12 0.00 | 22.47 -0.30 0.00 | 19.17 0.17 0.00 | 18.62 -0.06 0.00 | 18.51 0.09 0.00 | 19.72 0.18 0.00 | 21.38 0.04 0.00 | 21.31 0.00 0.00 | 22.04 -0.07 0.00 | 21.36 -0.06 0.00 | 23.96 0.26 0.00 | 24.39 0.43 0.00 | 26.06 0.61 0.00 | 28.48 0.86 0.00 | 33.30 2.32 0.00 | 35.92 1.94 0.00 | 41.03 2.49 -0.24 | 45.23 3.39 0.00 | 41.41 2.49 0.00 | 38.62 2.29 0.00 | 35.34 1.68 0.00 | 30.97 0.58 0.00 | 27.26 0.74 0.00 | 25.12 0.73 0.00 |
| LOCKPORT___CC1 323769 | 23.94 0.12 0.00 | 22.47 -0.30 0.00 | 19.15 0.15 0.00 | 18.68 0.00 0.00 | 18.55 0.13 0.00 | 19.72 0.18 0.00 | 21.36 0.02 0.00 | 21.44 0.13 0.00 | 22.02 -0.09 0.00 | 21.34 -0.09 0.00 | 23.96 0.26 0.00 | 24.39 0.43 0.00 | 26.06 0.61 0.00 | 28.70 1.08 0.00 | 33.33 2.35 0.00 | 36.19 2.21 0.00 | 40.95 2.41 -0.25 | 45.23 3.39 0.00 | 41.65 2.72 0.00 | 38.88 2.54 0.00 | 35.67 2.02 0.00 | 31.24 0.85 0.00 | 27.47 0.95 0.00 | 25.17 0.78 0.00 |
| LOCKPORT___CC2 323770 | 23.94 0.12 0.00 | 22.47 -0.30 0.00 | 19.15 0.15 0.00 | 18.68 0.00 0.00 | 18.55 0.13 0.00 | 19.72 0.18 0.00 | 21.36 0.02 0.00 | 21.44 0.13 0.00 | 22.02 -0.09 0.00 | 21.34 -0.09 0.00 | 23.96 0.26 0.00 | 24.39 0.43 0.00 | 26.06 0.61 0.00 | 28.70 1.08 0.00 | 33.33 2.35 0.00 | 36.19 2.21 0.00 | 40.95 2.41 -0.25 | 45.23 3.39 0.00 | 41.65 2.72 0.00 | 38.88 2.54 0.00 | 35.67 2.02 0.00 | 31.24 0.85 0.00 | 27.47 0.95 0.00 | 25.17 0.78 0.00 |
| LOCKPORT___CC3 323771 | 23.94 0.12 0.00 | 22.47 -0.30 0.00 | 19.15 0.15 0.00 | 18.68 0.00 0.00 | 18.55 0.13 0.00 | 19.72 0.18 0.00 | 21.36 0.02 0.00 | 21.44 0.13 0.00 | 22.02 -0.09 0.00 | 21.34 -0.09 0.00 | 23.96 0.26 0.00 | 24.39 0.43 0.00 | 26.06 0.61 0.00 | 28.70 1.08 0.00 | 33.33 2.35 0.00 | 36.19 2.21 0.00 | 40.95 2.41 -0.25 | 45.23 3.39 0.00 | 41.65 2.72 0.00 | 38.88 2.54 0.00 | 35.67 2.02 0.00 | 31.24 0.85 0.00 | 27.47 0.95 0.00 | 25.17 0.78 0.00 |
| LONG_LAKE_PHOENIX 24014 | 23.75 -0.07 0.00 | 22.56 -0.20 0.00 | 18.92 -0.08 0.00 | 18.55 -0.13 0.00 | 18.33 -0.09 0.00 | 19.50 -0.04 0.00 | 21.25 -0.09 0.00 | 21.10 -0.21 0.00 | 21.86 -0.24 0.00 | 21.14 -0.28 0.00 | 23.39 -0.31 0.00 | 23.76 -0.19 0.00 | 25.30 -0.15 0.00 | 27.46 -0.17 0.00 | 30.98 0.00 0.00 | 33.88 -0.10 0.00 | 38.22 -0.15 -0.08 | 41.88 0.04 0.00 | 38.88 -0.04 0.00 | 36.37 0.04 0.00 | 33.62 -0.03 0.00 | 30.21 -0.18 0.00 | 26.46 -0.05 0.00 | 24.34 -0.05 0.00 |
| LOVETT___3 23632 | 24.97 1.14 0.00 | 23.68 0.91 0.00 | 19.95 0.95 0.00 | 19.52 0.84 0.00 | 19.20 0.77 0.00 | 20.46 0.92 0.00 | 22.43 1.09 0.00 | 22.68 1.36 0.00 | 23.67 1.57 0.00 | 22.77 1.35 0.00 | 25.42 1.56 -0.16 | 26.29 1.75 -0.59 | 27.58 1.83 -0.30 | 29.96 1.93 -0.39 | 33.41 1.92 -0.51 | 36.86 2.28 -0.59 | 40.18 1.95 0.06 | 44.39 2.55 0.00 | 41.26 2.34 0.00 | 38.44 2.11 0.00 | 35.71 2.05 0.00 | 32.06 1.67 0.00 | 28.05 1.54 0.00 | 25.71 1.32 0.00 |
| LOVETT___4 23642 | 24.97 1.14 0.00 | 23.68 0.91 0.00 | 19.95 0.95 0.00 | 19.52 0.84 0.00 | 19.20 0.77 0.00 | 20.46 0.92 0.00 | 22.43 1.09 0.00 | 22.68 1.36 0.00 | 23.67 1.57 0.00 | 22.77 1.35 0.00 | 25.42 1.56 -0.16 | 26.29 1.75 -0.59 | 27.58 1.83 -0.30 | 29.96 1.93 -0.39 | 33.41 1.92 -0.51 | 36.86 2.28 -0.59 | 40.18 1.95 0.06 | 44.39 2.55 0.00 | 41.26 2.34 0.00 | 38.44 2.11 0.00 | 35.71 2.05 0.00 | 32.06 1.67 0.00 | 28.05 1.54 0.00 | 25.71 1.32 0.00 |
| LOVETT___5 23593 | 24.97 1.14 0.00 | 23.68 0.91 0.00 | 19.95 0.95 0.00 | 19.52 0.84 0.00 | 19.20 0.77 0.00 | 20.46 0.92 0.00 | 22.43 1.09 0.00 | 22.68 1.36 0.00 | 23.67 1.57 0.00 | 22.77 1.35 0.00 | 25.42 1.56 -0.16 | 26.29 1.75 -0.59 | 27.58 1.83 -0.30 | 29.96 1.93 -0.39 | 33.41 1.92 -0.51 | 36.86 2.28 -0.59 | 40.18 1.95 0.06 | 44.39 2.55 0.00 | 41.26 2.34 0.00 | 38.44 2.11 0.00 | 35.71 2.05 0.00 | 32.06 1.67 0.00 | 28.05 1.54 0.00 | 25.71 1.32 0.00 |
| LOWER RAQUET___HYD 24057 | 22.89 -0.93 0.00 | 22.18 -0.59 0.00 | 18.24 -0.76 0.00 | 17.91 -0.77 0.00 | 17.68 -0.74 0.00 | 18.82 -0.72 0.00 | 20.53 -0.81 0.00 | 20.27 -1.04 0.00 | 20.89 -1.22 0.00 | 20.35 -1.07 0.00 | 22.46 -1.23 0.00 | 22.49 -1.46 0.00 | 23.90 -1.55 0.00 | 25.80 -1.82 0.00 | 28.78 -2.20 0.00 | 31.64 -2.34 0.00 | 36.91 -1.38 0.00 | 39.83 -2.01 0.00 | 37.17 -1.75 0.00 | 33.86 -2.47 0.00 | 31.43 -2.22 0.00 | 28.75 -1.64 0.00 | 25.24 -1.27 0.00 | 23.34 -1.05 0.00 |
| LOWER___HUDSON 24059 | 24.54 0.71 0.00 | 23.36 0.59 0.00 | 19.60 0.61 0.00 | 19.35 0.67 0.00 | 19.07 0.64 0.00 | 20.19 0.64 0.00 | 22.09 0.75 0.00 | 22.17 0.85 0.00 | 22.99 0.89 0.00 | 22.09 0.66 0.00 | 24.10 0.64 0.23 | 24.58 0.81 0.19 | 25.84 0.81 0.42 | 27.89 0.83 0.56 | 31.09 0.84 0.73 | 34.16 1.02 0.85 | 39.19 0.96 0.06 | 43.26 1.42 0.00 | 40.40 1.48 0.00 | 37.90 1.56 0.00 | 35.13 1.48 0.00 | 31.61 1.22 0.00 | 27.55 1.03 0.00 | 25.29 0.90 0.00 |
| LOWVILLE_115KV_TB2 356335 | 24.25 0.43 0.00 | 23.16 0.39 0.00 | 19.30 0.30 0.00 | 19.03 0.35 0.00 | 18.83 0.41 0.00 | 19.93 0.39 0.00 | 21.85 0.51 0.00 | 21.72 0.40 0.00 | 22.41 0.31 0.00 | 21.61 0.19 0.00 | 23.84 0.14 0.00 | 24.19 0.24 0.00 | 25.70 0.25 0.00 | 27.93 0.30 0.00 | 31.29 0.31 0.00 | 34.29 0.31 0.00 | 38.90 0.61 0.00 | 42.68 0.84 0.00 | 39.89 0.97 0.00 | 37.39 1.05 0.00 | 34.63 0.98 0.00 | 31.21 0.82 0.00 | 27.15 0.64 0.00 | 24.88 0.49 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 24.99 1.17 0.00 | 23.79 1.02 0.00 | 19.91 0.91 0.00 | 19.57 0.90 0.00 | 19.29 0.87 0.00 | 20.52 0.98 0.00 | 22.45 1.11 0.00 | 22.51 1.19 0.00 | 23.34 1.24 0.00 | 22.39 0.96 0.00 | 24.47 0.97 0.20 | 24.99 1.20 0.16 | 26.36 1.27 0.36 | 28.39 1.24 0.48 | 31.72 1.36 0.62 | 34.86 1.60 0.73 | 39.73 1.49 0.06 | 44.06 2.22 0.00 | 41.18 2.26 0.00 | 38.77 2.43 0.00 | 35.97 2.32 0.00 | 32.37 1.98 0.00 | 28.16 1.64 0.00 | 25.81 1.41 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 25.01 1.19 0.00 | 23.82 1.05 0.00 | 19.93 0.93 0.00 | 19.57 0.90 0.00 | 19.31 0.88 0.00 | 20.54 1.00 0.00 | 22.47 1.13 0.00 | 22.51 1.19 0.00 | 23.34 1.24 0.00 | 22.41 0.99 0.00 | 24.47 0.97 0.20 | 24.99 1.20 0.16 | 26.39 1.30 0.36 | 28.39 1.24 0.48 | 31.75 1.39 0.62 | 34.89 1.63 0.73 | 39.76 1.53 0.06 | 44.10 2.26 0.00 | 41.22 2.30 0.00 | 38.80 2.47 0.00 | 36.01 2.36 0.00 | 32.40 2.01 0.00 | 28.19 1.67 0.00 | 25.83 1.44 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 23.49 -0.33 0.00 | 22.59 -0.18 0.00 | 18.71 -0.28 0.00 | 18.66 -0.02 0.00 | 18.44 0.02 0.00 | 19.33 -0.21 0.00 | 21.13 -0.21 0.00 | 20.93 -0.38 0.00 | 21.57 -0.53 0.00 | 20.91 -0.51 0.00 | 23.06 -0.64 0.00 | 23.24 -0.72 0.00 | 24.71 -0.74 0.00 | 26.77 -0.86 0.00 | 29.89 -1.08 0.00 | 32.80 -1.19 0.00 | 37.72 -0.57 0.00 | 41.05 -0.79 0.00 | 38.30 -0.62 0.00 | 35.53 -0.80 0.00 | 32.95 -0.71 0.00 | 29.87 -0.52 0.00 | 26.09 -0.42 0.00 | 24.03 -0.37 0.00 |
| LYONS_FALL_HYD 23570 | 24.37 0.55 0.00 | 23.25 0.48 0.00 | 19.40 0.40 0.00 | 19.03 0.35 0.00 | 18.83 0.40 0.00 | 20.03 0.49 0.00 | 21.94 0.60 0.00 | 21.85 0.53 0.00 | 22.57 0.46 0.00 | 21.79 0.36 0.00 | 24.03 0.33 0.00 | 24.39 0.43 0.00 | 25.93 0.48 0.00 | 28.21 0.58 0.00 | 31.66 0.68 0.00 | 34.67 0.68 0.00 | 39.21 0.92 0.00 | 43.06 1.21 0.00 | 40.20 1.28 0.00 | 37.68 1.35 0.00 | 34.86 1.21 0.00 | 31.39 1.00 0.00 | 27.31 0.79 0.00 | 25.02 0.63 0.00 |
| MADISON___COUNTY_LFGE 323628 | 24.68 0.86 0.00 | 23.47 0.71 0.00 | 19.64 0.65 0.00 | 19.26 0.58 0.00 | 19.03 0.61 0.00 | 20.27 0.72 0.00 | 22.17 0.83 0.00 | 22.12 0.81 0.00 | 22.88 0.77 0.00 | 22.06 0.64 0.00 | 24.38 0.69 0.00 | 24.77 0.81 0.00 | 26.37 0.92 0.00 | 28.71 1.08 0.00 | 32.31 1.33 0.00 | 35.38 1.39 0.00 | 39.96 1.61 -0.06 | 43.93 2.09 0.00 | 40.95 2.02 0.00 | 38.37 2.03 0.00 | 35.47 1.82 0.00 | 31.85 1.46 0.00 | 27.74 1.22 0.00 | 25.42 1.02 0.00 |
| MALONE___115KV_TB1 356076 | 23.66 -0.17 0.00 | 22.88 0.11 0.00 | 18.84 -0.15 0.00 | 18.77 0.09 0.00 | 18.51 0.09 0.00 | 19.45 -0.10 0.00 | 21.30 -0.04 0.00 | 21.06 -0.26 0.00 | 21.79 -0.31 0.00 | 21.23 -0.19 0.00 | 23.48 -0.21 0.00 | 23.50 -0.46 0.00 | 24.99 -0.46 0.00 | 27.08 -0.55 0.00 | 30.14 -0.84 0.00 | 33.17 -0.82 0.00 | 38.14 -0.15 0.00 | 41.05 -0.79 0.00 | 38.10 -0.82 0.00 | 35.53 -0.80 0.00 | 32.91 -0.74 0.00 | 29.90 -0.49 0.00 | 25.99 -0.53 0.00 | 24.10 -0.29 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 24.42 0.60 0.00 | 23.25 0.48 0.00 | 19.55 0.55 0.00 | 19.20 0.52 0.00 | 18.92 0.50 0.00 | 20.09 0.55 0.00 | 21.98 0.64 0.00 | 22.08 0.77 0.00 | 22.90 0.80 0.00 | 22.02 0.60 0.00 | 24.09 0.57 0.18 | 24.54 0.72 0.13 | 25.85 0.71 0.32 | 27.98 0.77 0.42 | 31.21 0.77 0.54 | 34.34 0.99 0.64 | 39.04 0.80 0.06 | 43.10 1.26 0.00 | 40.25 1.32 0.00 | 37.68 1.34 0.00 | 34.96 1.31 0.00 | 31.42 1.03 0.00 | 27.39 0.88 0.00 | 25.12 0.73 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 23.47 -0.36 0.00 | 22.56 -0.21 0.00 | 18.69 -0.30 0.00 | 18.38 -0.30 0.00 | 18.11 -0.31 0.00 | 19.23 -0.31 0.00 | 21.00 -0.34 0.00 | 20.93 -0.38 0.00 | 21.71 -0.40 0.00 | 21.14 -0.28 0.00 | 23.39 -0.31 0.00 | 23.50 -0.46 0.00 | 24.97 -0.48 0.00 | 27.08 -0.55 0.00 | 30.33 -0.65 0.00 | 33.31 -0.68 0.00 | 37.79 -0.50 0.00 | 41.00 -0.84 0.00 | 38.18 -0.74 0.00 | 35.50 -0.83 0.00 | 32.88 -0.77 0.00 | 29.81 -0.58 0.00 | 25.93 -0.58 0.00 | 23.81 -0.59 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 23.47 -0.36 0.00 | 22.56 -0.21 0.00 | 18.69 -0.30 0.00 | 18.38 -0.30 0.00 | 18.11 -0.31 0.00 | 19.23 -0.31 0.00 | 21.00 -0.34 0.00 | 20.93 -0.38 0.00 | 21.71 -0.40 0.00 | 21.14 -0.28 0.00 | 23.39 -0.31 0.00 | 23.50 -0.46 0.00 | 24.97 -0.48 0.00 | 27.08 -0.55 0.00 | 30.33 -0.65 0.00 | 33.31 -0.68 0.00 | 37.79 -0.50 0.00 | 41.00 -0.84 0.00 | 38.18 -0.74 0.00 | 35.50 -0.83 0.00 | 32.88 -0.77 0.00 | 29.81 -0.58 0.00 | 25.93 -0.58 0.00 | 23.81 -0.59 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 23.85 0.02 0.00 | 23.02 0.25 0.00 | 19.00 0.00 0.00 | 18.66 -0.02 0.00 | 18.40 -0.02 0.00 | 19.60 0.06 0.00 | 21.45 0.11 0.00 | 21.12 -0.19 0.00 | 21.91 -0.20 0.00 | 21.34 -0.09 0.00 | 23.60 -0.09 0.00 | 23.62 -0.34 0.00 | 25.12 -0.33 0.00 | 27.21 -0.41 0.00 | 30.45 -0.53 0.00 | 33.48 -0.51 0.00 | 38.22 -0.08 0.00 | 40.92 -0.92 0.00 | 38.46 -0.47 0.00 | 35.72 -0.62 0.00 | 33.01 -0.64 0.00 | 29.96 -0.43 0.00 | 26.04 -0.48 0.00 | 24.25 -0.15 0.00 |
| MARSHVLE_115KV_TB1 80742 | 25.39 1.57 0.00 | 24.18 1.41 0.00 | 20.25 1.25 0.00 | 19.85 1.18 0.00 | 19.60 1.18 0.00 | 20.89 1.35 0.00 | 22.73 1.39 0.00 | 22.59 1.28 0.00 | 23.34 1.24 0.00 | 22.32 0.90 0.00 | 24.52 0.92 0.10 | 24.89 1.01 0.07 | 26.37 1.09 0.18 | 28.67 1.27 0.23 | 32.35 1.67 0.30 | 35.47 1.84 0.35 | 40.03 1.99 0.26 | 44.85 3.01 0.00 | 42.31 3.39 0.00 | 39.79 3.45 0.00 | 36.88 3.23 0.00 | 32.97 2.58 0.00 | 28.80 2.28 0.00 | 26.29 1.90 0.00 |
| MARSH_HILL_WT_PWR 323713 | 24.66 0.83 0.00 | 23.18 0.41 0.00 | 19.66 0.66 0.00 | 19.22 0.54 0.00 | 19.07 0.64 0.00 | 20.29 0.74 0.00 | 22.07 0.73 0.00 | 22.21 0.90 0.00 | 22.83 0.73 0.00 | 22.11 0.69 0.00 | 24.64 0.95 0.00 | 25.10 1.15 0.00 | 26.82 1.37 0.00 | 29.45 1.82 0.00 | 33.67 2.69 0.00 | 36.74 2.75 0.00 | 41.26 2.61 -0.36 | 45.82 3.98 0.00 | 42.38 3.46 0.00 | 39.61 3.27 0.00 | 36.21 2.56 0.00 | 31.97 1.58 0.00 | 28.08 1.56 0.00 | 25.56 1.17 0.00 |
| MCINTYRE_115KV_TB2 80467 | 23.18 -0.64 0.00 | 22.47 -0.30 0.00 | 18.46 -0.53 0.00 | 18.66 -0.02 0.00 | 18.44 0.02 0.00 | 19.07 -0.47 0.00 | 20.87 -0.47 0.00 | 20.70 -0.62 0.00 | 21.33 -0.77 0.00 | 20.76 -0.66 0.00 | 22.94 -0.76 0.00 | 22.92 -1.03 0.00 | 24.36 -1.09 0.00 | 26.39 -1.24 0.00 | 29.37 -1.61 0.00 | 32.25 -1.73 0.00 | 37.72 -0.57 0.00 | 40.71 -1.13 0.00 | 37.95 -0.97 0.00 | 34.74 -1.60 0.00 | 32.24 -1.41 0.00 | 29.45 -0.94 0.00 | 25.61 -0.90 0.00 | 23.61 -0.78 0.00 |
| MECO_____69_KV_BK1 80468 | 26.28 2.45 0.00 | 25.05 2.28 0.00 | 20.90 1.90 0.00 | 20.49 1.81 0.00 | 20.23 1.81 0.00 | 21.61 2.07 0.00 | 23.64 2.30 0.00 | 23.59 2.28 0.00 | 24.45 2.34 0.00 | 23.29 1.86 0.00 | 25.58 1.99 0.11 | 26.05 2.18 0.08 | 27.65 2.39 0.20 | 29.94 2.57 0.26 | 33.71 3.07 0.33 | 37.03 3.43 0.39 | 41.89 3.79 0.20 | 47.07 5.23 0.00 | 44.41 5.49 0.00 | 41.75 5.41 0.00 | 38.70 5.05 0.00 | 34.52 4.13 0.00 | 30.02 3.50 0.00 | 27.29 2.90 0.00 |
| MENANDS___115KV_TB5 355628 | 24.25 0.43 0.00 | 23.11 0.34 0.00 | 19.43 0.44 0.00 | 19.11 0.43 0.00 | 18.83 0.41 0.00 | 19.99 0.45 0.00 | 21.87 0.53 0.00 | 21.97 0.66 0.00 | 22.79 0.69 0.00 | 21.91 0.49 0.00 | 23.97 0.45 0.18 | 24.42 0.60 0.13 | 25.72 0.59 0.32 | 27.82 0.61 0.42 | 31.03 0.59 0.54 | 34.13 0.78 0.63 | 38.81 0.57 0.06 | 42.80 0.96 0.00 | 39.93 1.01 0.00 | 37.42 1.09 0.00 | 34.70 1.04 0.00 | 31.21 0.82 0.00 | 27.21 0.69 0.00 | 24.98 0.59 0.00 |
| MG INDUSTRY___DRP 24185 | 24.35 0.52 0.00 | 23.18 0.41 0.00 | 19.49 0.49 0.00 | 19.16 0.49 0.00 | 18.88 0.46 0.00 | 20.03 0.49 0.00 | 21.89 0.55 0.00 | 21.93 0.62 0.00 | 22.68 0.57 0.00 | 21.79 0.36 0.00 | 23.91 0.31 0.10 | 24.32 0.43 0.06 | 25.68 0.41 0.18 | 27.84 0.44 0.23 | 31.11 0.43 0.30 | 34.28 0.65 0.35 | 38.74 0.50 0.05 | 42.76 0.92 0.00 | 39.93 1.01 0.00 | 37.42 1.09 0.00 | 34.73 1.08 0.00 | 31.27 0.88 0.00 | 27.26 0.74 0.00 | 25.03 0.63 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 23.49 -0.33 0.00 | 22.59 -0.18 0.00 | 18.71 -0.28 0.00 | 18.66 -0.02 0.00 | 18.44 0.02 0.00 | 19.33 -0.21 0.00 | 21.13 -0.21 0.00 | 20.93 -0.38 0.00 | 21.57 -0.53 0.00 | 20.91 -0.51 0.00 | 23.06 -0.64 0.00 | 23.24 -0.72 0.00 | 24.71 -0.74 0.00 | 26.77 -0.86 0.00 | 29.89 -1.08 0.00 | 32.80 -1.19 0.00 | 37.72 -0.57 0.00 | 41.05 -0.79 0.00 | 38.30 -0.62 0.00 | 35.53 -0.80 0.00 | 32.95 -0.71 0.00 | 29.87 -0.52 0.00 | 26.09 -0.42 0.00 | 24.03 -0.37 0.00 |
| MID___RAQUETTE_HYD 23851 | 22.89 -0.93 0.00 | 22.18 -0.59 0.00 | 18.24 -0.76 0.00 | 18.43 -0.24 0.00 | 18.20 -0.22 0.00 | 18.82 -0.72 0.00 | 20.53 -0.81 0.00 | 20.29 -1.02 0.00 | 20.89 -1.22 0.00 | 20.35 -1.07 0.00 | 22.46 -1.23 0.00 | 22.49 -1.46 0.00 | 23.90 -1.55 0.00 | 25.83 -1.80 0.00 | 28.72 -2.26 0.00 | 31.57 -2.41 0.00 | 36.91 -1.38 0.00 | 39.83 -2.01 0.00 | 37.05 -1.87 0.00 | 33.90 -2.43 0.00 | 31.47 -2.19 0.00 | 28.78 -1.61 0.00 | 25.22 -1.30 0.00 | 23.34 -1.05 0.00 |
| MILLIKEN___1 23584 | 24.58 0.76 0.00 | 23.32 0.55 0.00 | 19.57 0.57 0.00 | 19.16 0.49 0.00 | 18.96 0.53 0.00 | 20.19 0.64 0.00 | 22.00 0.66 0.00 | 21.89 0.58 0.00 | 22.63 0.53 0.00 | 21.85 0.43 0.00 | 24.17 0.47 0.00 | 24.58 0.62 0.00 | 26.19 0.74 0.00 | 28.48 0.86 0.00 | 32.19 1.21 0.00 | 35.28 1.29 0.00 | 39.92 1.42 -0.21 | 44.06 2.22 0.00 | 40.95 2.02 0.00 | 38.30 1.96 0.00 | 35.34 1.68 0.00 | 31.61 1.22 0.00 | 27.63 1.11 0.00 | 25.29 0.90 0.00 |
| MILLIKEN___2 23585 | 24.58 0.76 0.00 | 23.32 0.55 0.00 | 19.57 0.57 0.00 | 19.16 0.49 0.00 | 18.96 0.53 0.00 | 20.19 0.64 0.00 | 22.00 0.66 0.00 | 21.89 0.58 0.00 | 22.63 0.53 0.00 | 21.85 0.43 0.00 | 24.17 0.47 0.00 | 24.58 0.62 0.00 | 26.19 0.74 0.00 | 28.48 0.86 0.00 | 32.19 1.21 0.00 | 35.28 1.29 0.00 | 39.92 1.42 -0.21 | 44.06 2.22 0.00 | 40.95 2.02 0.00 | 38.30 1.96 0.00 | 35.34 1.68 0.00 | 31.61 1.22 0.00 | 27.63 1.11 0.00 | 25.29 0.90 0.00 |
| MILLIKEN___DIESEL 23629 | 24.58 0.76 0.00 | 23.32 0.55 0.00 | 19.57 0.57 0.00 | 19.16 0.49 0.00 | 18.96 0.53 0.00 | 20.19 0.64 0.00 | 22.00 0.66 0.00 | 21.89 0.58 0.00 | 22.63 0.53 0.00 | 21.85 0.43 0.00 | 24.17 0.47 0.00 | 24.58 0.62 0.00 | 26.19 0.74 0.00 | 28.48 0.86 0.00 | 32.19 1.21 0.00 | 35.28 1.29 0.00 | 39.92 1.42 -0.21 | 44.06 2.22 0.00 | 40.95 2.02 0.00 | 38.30 1.96 0.00 | 35.34 1.68 0.00 | 31.61 1.22 0.00 | 27.63 1.11 0.00 | 25.29 0.90 0.00 |
| MILLSEAT___LFGE 323607 | 24.27 0.45 0.00 | 22.81 0.05 0.00 | 19.38 0.38 0.00 | 18.90 0.22 0.00 | 18.79 0.37 0.00 | 19.91 0.37 0.00 | 21.60 0.26 0.00 | 21.72 0.40 0.00 | 22.30 0.20 0.00 | 21.57 0.15 0.00 | 24.19 0.50 0.00 | 24.67 0.72 0.00 | 26.36 0.91 0.00 | 29.06 1.44 0.00 | 33.77 2.79 0.00 | 36.67 2.68 0.00 | 41.52 2.99 -0.24 | 45.98 4.14 0.00 | 42.38 3.46 0.00 | 39.61 3.27 0.00 | 36.31 2.66 0.00 | 31.82 1.43 0.00 | 27.92 1.40 0.00 | 25.54 1.15 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 25.06 1.24 0.00 | 23.77 1.00 0.00 | 20.02 1.03 0.00 | 19.59 0.92 0.00 | 19.25 0.83 0.00 | 20.54 1.00 0.00 | 22.51 1.17 0.00 | 22.81 1.49 0.00 | 23.78 1.68 0.00 | 22.90 1.48 0.00 | 25.56 1.68 -0.18 | 26.28 1.89 -0.44 | 27.76 1.99 -0.32 | 30.16 2.10 -0.43 | 33.64 2.11 -0.55 | 37.11 2.48 -0.64 | 40.45 2.22 0.06 | 44.69 2.85 0.00 | 41.53 2.61 0.00 | 38.70 2.36 0.00 | 35.91 2.25 0.00 | 32.24 1.85 0.00 | 28.16 1.64 0.00 | 25.81 1.41 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 25.13 1.31 0.00 | 23.84 1.07 0.00 | 20.08 1.08 0.00 | 19.65 0.97 0.00 | 19.31 0.88 0.00 | 20.58 1.04 0.00 | 22.56 1.22 0.00 | 22.85 1.53 0.00 | 23.85 1.75 0.00 | 22.94 1.52 0.00 | 25.65 1.78 -0.18 | 26.36 1.96 -0.44 | 27.83 2.06 -0.32 | 30.29 2.24 -0.43 | 33.76 2.23 -0.55 | 37.25 2.62 -0.64 | 40.61 2.37 0.06 | 44.85 3.01 0.00 | 41.69 2.76 0.00 | 38.84 2.51 0.00 | 36.04 2.39 0.00 | 32.37 1.98 0.00 | 28.24 1.72 0.00 | 25.85 1.46 0.00 |
| MODEL_CITY_ENERGY 24167 | 23.70 -0.12 0.00 | 22.27 -0.50 0.00 | 18.98 -0.02 0.00 | 18.49 -0.19 0.00 | 18.37 -0.06 0.00 | 19.52 -0.02 0.00 | 21.17 -0.17 0.00 | 21.21 -0.11 0.00 | 21.79 -0.31 0.00 | 21.12 -0.30 0.00 | 23.70 0.00 0.00 | 24.12 0.17 0.00 | 25.78 0.33 0.00 | 28.37 0.75 0.00 | 32.96 1.98 0.00 | 35.79 1.80 0.00 | 40.53 1.99 -0.25 | 44.69 2.85 0.00 | 41.18 2.26 0.00 | 38.44 2.11 0.00 | 35.27 1.62 0.00 | 30.88 0.48 0.00 | 27.18 0.66 0.00 | 24.93 0.54 0.00 |
| MODERN_LFGE___ 323580 | 23.70 -0.12 0.00 | 22.27 -0.50 0.00 | 18.98 -0.02 0.00 | 18.49 -0.19 0.00 | 18.37 -0.06 0.00 | 19.52 -0.02 0.00 | 21.17 -0.17 0.00 | 21.21 -0.11 0.00 | 21.79 -0.31 0.00 | 21.12 -0.30 0.00 | 23.70 0.00 0.00 | 24.12 0.17 0.00 | 25.78 0.33 0.00 | 28.37 0.75 0.00 | 32.96 1.98 0.00 | 35.79 1.80 0.00 | 40.53 1.99 -0.25 | 44.69 2.85 0.00 | 41.18 2.26 0.00 | 38.44 2.11 0.00 | 35.27 1.62 0.00 | 30.88 0.48 0.00 | 27.18 0.66 0.00 | 24.93 0.54 0.00 |
| MOHAWK_PAPER___DRP 24187 | 24.42 0.60 0.00 | 23.25 0.48 0.00 | 19.55 0.55 0.00 | 19.20 0.52 0.00 | 18.92 0.50 0.00 | 20.09 0.55 0.00 | 21.98 0.64 0.00 | 22.08 0.77 0.00 | 22.90 0.80 0.00 | 22.02 0.60 0.00 | 24.09 0.57 0.18 | 24.54 0.72 0.13 | 25.85 0.71 0.32 | 27.98 0.77 0.42 | 31.21 0.77 0.54 | 34.34 0.99 0.64 | 39.04 0.80 0.06 | 43.10 1.26 0.00 | 40.25 1.32 0.00 | 37.68 1.34 0.00 | 34.96 1.31 0.00 | 31.42 1.03 0.00 | 27.39 0.88 0.00 | 25.12 0.73 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 24.99 1.17 0.00 | 23.79 1.02 0.00 | 19.87 0.87 0.00 | 19.52 0.84 0.00 | 19.25 0.83 0.00 | 20.50 0.96 0.00 | 22.45 1.11 0.00 | 22.49 1.17 0.00 | 23.34 1.24 0.00 | 22.34 0.92 0.00 | 24.43 0.92 0.19 | 24.98 1.17 0.15 | 26.38 1.27 0.34 | 28.25 1.08 0.46 | 31.60 1.21 0.59 | 34.62 1.33 0.69 | 39.42 1.19 0.06 | 43.85 2.01 0.00 | 41.02 2.10 0.00 | 38.84 2.51 0.00 | 36.04 2.39 0.00 | 32.49 2.10 0.00 | 28.21 1.70 0.00 | 25.83 1.44 0.00 |
| MONGAUP___HYD 23641 | 24.97 1.14 0.00 | 23.68 0.91 0.00 | 19.91 0.91 0.00 | 19.56 0.88 0.00 | 19.25 0.83 0.00 | 20.40 0.86 0.00 | 22.34 1.00 0.00 | 22.44 1.13 0.00 | 23.10 1.00 0.00 | 22.19 0.77 0.00 | 25.00 1.16 -0.14 | 25.26 1.32 0.01 | 27.08 1.37 -0.26 | 29.46 1.49 -0.34 | 32.91 1.49 -0.44 | 36.00 1.49 -0.52 | 39.42 1.19 0.06 | 43.18 1.34 0.00 | 40.13 1.21 0.00 | 37.61 1.27 0.00 | 35.27 1.62 0.00 | 31.61 1.22 0.00 | 27.74 1.22 0.00 | 25.63 1.24 0.00 |
| MONTAUK___DIESEL 23721 | 27.23 3.41 0.00 | 25.80 3.03 0.00 | 21.71 2.72 0.00 | 21.14 2.47 0.00 | 20.54 2.12 0.00 | 21.97 2.42 0.00 | 24.11 2.77 0.00 | 24.15 2.83 0.00 | 25.71 3.60 0.00 | 24.46 3.04 0.00 | 27.69 3.81 -0.18 | 28.77 4.26 -0.56 | 30.19 4.40 -0.33 | 31.99 3.92 -0.44 | 35.55 4.00 -0.57 | 39.38 4.72 -0.67 | 43.17 4.94 0.06 | 47.74 5.90 0.00 | 44.68 5.76 0.00 | 41.38 5.05 0.00 | 38.23 4.58 0.00 | 34.80 4.41 0.00 | 29.99 3.47 0.00 | 27.90 3.51 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 24.94 1.12 0.00 | 23.36 0.59 0.00 | 19.97 0.97 0.00 | 19.35 0.67 0.00 | 19.23 0.81 0.00 | 20.52 0.98 0.00 | 22.36 1.02 0.00 | 22.61 1.30 0.00 | 23.39 1.28 0.00 | 22.75 1.33 0.00 | 25.64 1.94 0.00 | 26.11 2.16 0.00 | 27.97 2.52 0.00 | 30.72 3.09 0.00 | 35.66 4.68 0.00 | 38.57 4.59 0.00 | 43.22 4.63 -0.30 | 47.62 5.77 0.00 | 43.67 4.75 0.00 | 40.66 4.32 0.00 | 37.12 3.47 0.00 | 32.58 2.19 0.00 | 28.53 2.02 0.00 | 26.03 1.63 0.00 |

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| MORTIMER_115KV_TB3 55949 | 24.08 0.26 0.00 | 22.75 -0.02 0.00 | 19.19 0.19 0.00 | 18.73 0.06 0.00 | 18.57 0.15 0.00 | 19.82 0.27 0.00 | 21.53 0.19 0.00 | 21.51 0.19 0.00 | 22.26 0.15 0.00 | 21.55 0.13 0.00 | 24.00 0.31 0.00 | 24.48 0.53 0.00 | 26.14 0.69 0.00 | 28.48 0.86 0.00 | 32.81 1.83 0.00 | 35.62 1.63 0.00 | 40.77 2.30 -0.18 | 44.56 2.72 0.00 | 40.95 2.02 0.00 | 38.26 1.93 0.00 | 35.13 1.48 0.00 | 31.03 0.64 0.00 | 27.23 0.72 0.00 | 25.00 0.61 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 25.28 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.06 1.75 0.00 | 24.09 1.99 0.00 | 23.18 1.76 0.00 | 25.92 2.04 -0.18 | 26.73 2.23 -0.54 | 28.12 2.34 -0.33 | 30.56 2.49 -0.44 | 34.06 2.51 -0.57 | 37.61 2.96 -0.67 | 40.91 2.68 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.48 1.96 0.00 | 26.05 1.66 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 26.01 2.19 0.00 | 24.68 1.91 0.00 | 20.65 1.65 0.00 | 20.21 1.53 0.00 | 20.02 1.60 0.00 | 21.34 1.80 0.00 | 23.43 2.09 0.00 | 24.43 3.11 0.00 | 25.09 2.98 0.00 | 23.97 2.55 0.00 | 26.47 2.77 0.00 | 27.07 3.11 0.00 | 28.81 3.36 0.00 | 31.63 4.00 0.00 | 35.87 4.89 0.00 | 39.15 5.16 0.00 | 47.34 5.86 -3.19 | 46.90 5.06 0.00 | 43.83 4.90 0.00 | 41.27 4.94 0.00 | 38.09 4.44 0.00 | 33.94 3.55 0.00 | 29.38 2.86 0.00 | 26.71 2.32 0.00 |
| N SALMON___HYD 24042 | 23.66 -0.17 0.00 | 22.88 0.11 0.00 | 18.84 -0.15 0.00 | 18.49 -0.19 0.00 | 18.26 -0.17 0.00 | 19.45 -0.10 0.00 | 21.30 -0.04 0.00 | 21.06 -0.25 0.00 | 21.79 -0.31 0.00 | 21.23 -0.19 0.00 | 23.48 -0.21 0.00 | 23.50 -0.46 0.00 | 24.99 -0.46 0.00 | 27.05 -0.58 0.00 | 30.21 -0.77 0.00 | 33.27 -0.72 0.00 | 38.14 -0.15 0.00 | 41.05 -0.80 0.00 | 38.41 -0.51 0.00 | 35.53 -0.80 0.00 | 32.91 -0.74 0.00 | 29.90 -0.49 0.00 | 26.01 -0.50 0.00 | 24.10 -0.29 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 24.30 0.48 0.00 | 22.84 0.07 0.00 | 19.40 0.40 0.00 | 18.86 0.19 0.00 | 18.75 0.33 0.00 | 19.95 0.41 0.00 | 21.64 0.30 0.00 | 21.61 0.30 0.00 | 22.33 0.22 0.00 | 21.61 0.19 0.00 | 24.24 0.54 0.00 | 24.70 0.74 0.00 | 26.42 0.97 0.00 | 28.87 1.24 0.00 | 33.74 2.76 0.00 | 36.40 2.41 0.00 | 41.60 3.06 -0.24 | 45.98 4.14 0.00 | 42.11 3.19 0.00 | 39.35 3.02 0.00 | 35.97 2.32 0.00 | 31.55 1.15 0.00 | 27.71 1.19 0.00 | 25.46 1.07 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 25.85 2.02 0.00 | 24.50 1.73 0.00 | 20.63 1.63 0.00 | 20.15 1.48 0.00 | 19.66 1.23 0.00 | 21.01 1.47 0.00 | 23.07 1.73 0.00 | 23.10 1.79 0.00 | 24.36 2.25 0.00 | 23.31 1.89 0.00 | 26.18 2.30 -0.18 | 27.12 2.61 -0.56 | 28.51 2.72 -0.33 | 30.50 2.43 -0.44 | 33.87 2.32 -0.57 | 37.47 2.82 -0.67 | 40.91 2.68 0.06 | 45.23 3.39 0.00 | 42.27 3.35 0.00 | 39.24 2.91 0.00 | 36.45 2.79 0.00 | 33.03 2.64 0.00 | 28.69 2.17 0.00 | 26.63 2.24 0.00 |
| N.E_GEN_SANDY PD 24062 | 24.56 0.74 0.00 | 23.34 0.57 0.00 | 19.64 0.65 0.00 | 19.40 0.73 0.00 | 19.10 0.68 0.00 | 20.25 0.70 0.00 | 22.13 0.79 0.00 | 22.27 0.96 0.00 | 23.10 1.00 0.00 | 22.21 0.79 0.00 | 23.18 0.81 1.32 | 23.76 0.98 1.18 | 24.06 0.99 2.38 | 25.45 0.99 3.17 | 27.85 0.96 4.09 | 28.55 1.12 6.56 | 41.01 0.99 -1.73 | 43.35 1.50 0.00 | 40.40 1.48 0.00 | 37.86 1.53 0.00 | 35.07 1.41 0.00 | 31.54 1.15 0.00 | 27.55 1.03 0.00 | 25.34 0.95 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 25.01 1.19 0.00 | 23.72 0.96 0.00 | 19.97 0.97 0.00 | 19.56 0.88 0.00 | 19.21 0.79 0.00 | 20.50 0.96 0.00 | 22.47 1.13 0.00 | 22.70 1.39 0.00 | 23.70 1.59 0.00 | 22.79 1.37 0.00 | 25.45 1.59 -0.16 | 26.21 1.77 -0.48 | 27.63 1.88 -0.29 | 30.01 1.99 -0.39 | 33.47 1.98 -0.50 | 36.92 2.35 -0.59 | 40.30 2.07 0.06 | 44.52 2.68 0.00 | 41.37 2.45 0.00 | 38.55 2.22 0.00 | 35.81 2.15 0.00 | 32.15 1.76 0.00 | 28.11 1.59 0.00 | 25.76 1.37 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 25.50 1.67 -0.01 | 24.12 1.34 -0.01 | 20.35 1.35 -0.01 | 19.92 1.23 -0.01 | 19.53 1.11 0.00 | 20.88 1.33 -0.01 | 22.88 1.54 0.00 | 23.19 1.88 0.00 | 24.18 2.08 0.00 | 23.29 1.86 0.00 | 26.01 2.13 -0.18 | 26.85 2.35 -0.54 | 28.33 2.55 -0.33 | 30.72 2.65 -0.44 | 34.21 2.66 -0.57 | 37.75 3.09 -0.67 | 40.99 2.76 0.06 | 45.19 3.35 0.00 | 42.00 3.07 0.00 | 38.99 2.65 0.00 | 36.28 2.62 0.00 | 32.64 2.25 0.00 | 28.83 2.31 -0.01 | 26.32 1.93 0.00 |
| N.TROY___115KV_TB1 355778 | 24.54 0.71 0.00 | 23.36 0.59 0.00 | 19.60 0.61 0.00 | 19.27 0.60 0.00 | 19.01 0.59 0.00 | 20.19 0.64 0.00 | 22.09 0.75 0.00 | 22.19 0.87 0.00 | 22.99 0.88 0.00 | 22.09 0.66 0.00 | 24.10 0.64 0.23 | 24.58 0.81 0.19 | 25.87 0.84 0.42 | 27.92 0.86 0.56 | 31.15 0.90 0.73 | 34.23 1.09 0.85 | 39.16 0.92 0.06 | 43.26 1.42 0.00 | 40.40 1.48 0.00 | 37.90 1.56 0.00 | 35.13 1.48 0.00 | 31.64 1.25 0.00 | 27.55 1.03 0.00 | 25.32 0.93 0.00 |
| NARROWS_GT1_1 24228 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT1_2 24229 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT1_3 24230 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT1_4 24231 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT1_5 24232 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |

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| NARROWS_GT1_6 24233 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT1_7 24234 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT1_8 24235 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT2_1 24236 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT2_2 24237 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT2_3 24238 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT2_4 24239 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT2_5 24240 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT2_6 24241 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT2_7 24242 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NARROWS_GT2_8 24243 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 24.66 0.83 0.00 | 23.45 0.68 0.00 | 19.72 0.72 0.00 | 19.37 0.69 0.00 | 19.09 0.66 0.00 | 20.25 0.70 0.00 | 22.17 0.83 0.00 | 22.10 0.79 0.00 | 22.83 0.73 0.00 | 21.85 0.43 0.00 | 24.13 0.50 0.06 | 24.56 0.65 0.04 | 25.97 0.64 0.12 | 28.22 0.75 0.16 | 31.58 0.81 0.20 | 34.87 1.12 0.23 | 39.04 0.80 0.05 | 43.31 1.46 0.00 | 40.52 1.60 0.00 | 38.11 1.78 0.00 | 35.40 1.75 0.00 | 31.73 1.34 0.00 | 27.60 1.09 0.00 | 25.27 0.88 0.00 |
| NCHELSEA_115KV_TR2 355582 | 25.18 1.36 0.00 | 23.88 1.12 0.00 | 20.10 1.10 0.00 | 19.69 1.01 0.00 | 19.34 0.92 0.00 | 20.60 1.06 0.00 | 22.51 1.17 0.00 | 22.70 1.39 0.00 | 23.63 1.53 0.00 | 22.71 1.29 0.00 | 25.30 1.47 -0.14 | 25.71 1.60 -0.15 | 27.41 1.71 -0.25 | 29.84 1.88 -0.34 | 33.30 1.89 -0.43 | 36.77 2.28 -0.51 | 40.30 2.07 0.06 | 44.52 2.68 0.00 | 41.61 2.69 0.00 | 38.84 2.51 0.00 | 36.08 2.42 0.00 | 32.40 2.01 0.00 | 28.24 1.72 0.00 | 25.85 1.46 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 24.99 1.17 0.00 | 23.79 1.03 0.00 | 19.93 0.93 0.00 | 19.63 0.95 0.00 | 19.36 0.94 0.00 | 20.52 0.98 0.00 | 22.47 1.13 0.00 | 22.51 1.19 0.00 | 23.36 1.26 0.00 | 22.41 0.99 0.00 | 24.48 1.00 0.21 | 25.01 1.22 0.17 | 26.36 1.30 0.39 | 28.39 1.27 0.51 | 31.71 1.40 0.66 | 34.88 1.66 0.77 | 39.88 1.65 0.06 | 44.18 2.34 0.00 | 41.30 2.37 0.00 | 38.84 2.51 0.00 | 36.01 2.35 0.00 | 32.36 1.97 0.00 | 28.16 1.64 0.00 | 25.81 1.41 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 23.63 -0.19 0.00 | 22.34 -0.43 0.00 | 18.79 -0.21 0.00 | 18.42 -0.26 0.00 | 18.24 -0.18 0.00 | 19.43 -0.12 0.00 | 21.11 -0.23 0.00 | 21.14 -0.17 0.00 | 21.82 -0.29 0.00 | 21.12 -0.30 0.00 | 23.50 -0.19 0.00 | 23.98 0.02 0.00 | 25.60 0.15 0.00 | 28.02 0.39 0.00 | 32.00 1.02 0.00 | 34.94 0.95 0.00 | 39.72 1.26 -0.17 | 43.47 1.63 0.00 | 40.13 1.21 0.00 | 37.50 1.16 0.00 | 34.49 0.84 0.00 | 30.57 0.18 0.00 | 26.78 0.27 0.00 | 24.51 0.12 0.00 |

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| NEG CENTRAL___DRP 24199 | 24.25 0.43 0.00 | 22.95 0.18 0.00 | 19.28 0.28 0.00 | 18.88 0.21 0.00 | 18.68 0.26 0.00 | 19.93 0.39 0.00 | 21.72 0.38 0.00 | 21.68 0.36 0.00 | 22.41 0.31 0.00 | 21.68 0.26 0.00 | 24.05 0.36 0.00 | 24.48 0.53 0.00 | 26.11 0.66 0.00 | 28.43 0.80 0.00 | 32.25 1.27 0.00 | 35.24 1.26 0.00 | 39.89 1.42 -0.18 | 43.93 2.09 0.00 | 40.67 1.75 0.00 | 37.97 1.64 0.00 | 34.96 1.31 0.00 | 31.18 0.79 0.00 | 27.34 0.82 0.00 | 25.03 0.63 0.00 |
| NEG CENTRAL___INDECK 23768 | 24.97 1.14 0.00 | 23.50 0.73 0.00 | 19.83 0.83 0.00 | 19.39 0.71 0.00 | 19.23 0.81 0.00 | 20.54 1.00 0.00 | 22.32 0.98 0.00 | 22.40 1.09 0.00 | 22.90 0.79 0.00 | 22.02 0.60 0.00 | 24.48 0.78 0.00 | 24.96 1.01 0.00 | 26.57 1.12 0.00 | 29.06 1.44 0.00 | 32.22 1.24 0.00 | 35.24 1.26 0.00 | 40.11 1.53 -0.28 | 44.27 2.43 0.00 | 41.30 2.37 0.00 | 38.95 2.62 0.00 | 35.87 2.22 0.00 | 31.61 1.22 0.00 | 28.59 2.07 0.00 | 26.05 1.66 0.00 |
| NEG CENTRAL___SENECA 23627 | 24.42 0.60 0.00 | 23.04 0.27 0.00 | 19.41 0.42 0.00 | 18.98 0.30 0.00 | 18.81 0.39 0.00 | 20.09 0.55 0.00 | 21.87 0.53 0.00 | 21.87 0.55 0.00 | 22.59 0.49 0.00 | 21.85 0.43 0.00 | 24.26 0.57 0.00 | 24.70 0.74 0.00 | 26.37 0.92 0.00 | 28.76 1.13 0.00 | 32.68 1.70 0.00 | 35.69 1.70 0.00 | 40.47 1.95 -0.22 | 44.64 2.80 0.00 | 41.26 2.34 0.00 | 38.51 2.18 0.00 | 35.37 1.72 0.00 | 31.48 1.09 0.00 | 27.63 1.11 0.00 | 25.27 0.88 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 24.20 0.38 0.00 | 22.95 0.18 0.00 | 19.24 0.25 0.00 | 18.86 0.19 0.00 | 18.66 0.24 0.00 | 19.88 0.33 0.00 | 21.66 0.32 0.00 | 21.57 0.26 0.00 | 22.33 0.22 0.00 | 21.61 0.19 0.00 | 23.93 0.24 0.00 | 24.34 0.38 0.00 | 25.96 0.51 0.00 | 28.24 0.61 0.00 | 32.00 1.02 0.00 | 35.01 1.02 0.00 | 39.59 1.15 -0.15 | 43.56 1.72 0.00 | 40.32 1.40 0.00 | 37.64 1.31 0.00 | 34.76 1.11 0.00 | 31.06 0.67 0.00 | 27.18 0.66 0.00 | 24.90 0.51 0.00 |
| NEG MILLWOOD___DRP 24198 | 25.30 1.48 0.00 | 23.98 1.21 0.00 | 20.19 1.20 0.00 | 19.76 1.08 0.00 | 19.42 0.99 0.00 | 20.68 1.13 0.00 | 22.62 1.28 0.00 | 22.87 1.56 0.00 | 23.85 1.75 0.00 | 22.92 1.50 0.00 | 25.61 1.75 -0.16 | 26.12 1.94 -0.23 | 27.82 2.09 -0.29 | 30.33 2.32 -0.38 | 33.82 2.35 -0.49 | 37.31 2.75 -0.57 | 40.80 2.57 0.06 | 45.06 3.22 0.00 | 41.96 3.04 0.00 | 39.17 2.83 0.00 | 36.31 2.66 0.00 | 32.58 2.19 0.00 | 28.37 1.86 0.00 | 25.95 1.56 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 24.30 0.48 0.00 | 23.45 0.68 0.00 | 19.36 0.36 0.00 | 19.22 0.54 0.00 | 18.94 0.52 0.00 | 20.01 0.47 0.00 | 21.92 0.58 0.00 | 21.36 0.04 0.00 | 22.15 0.04 0.00 | 21.57 0.15 0.00 | 23.86 0.17 0.00 | 23.91 -0.05 0.00 | 25.42 -0.03 0.00 | 27.55 -0.08 0.00 | 30.70 -0.28 0.00 | 33.78 -0.20 0.00 | 38.67 0.38 0.00 | 41.05 -0.79 0.00 | 38.07 -0.86 0.00 | 36.19 -0.15 0.00 | 33.42 -0.24 0.00 | 30.30 -0.09 0.00 | 26.25 -0.27 0.00 | 24.73 0.34 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 23.75 -0.07 0.00 | 22.95 0.18 0.00 | 18.90 -0.09 0.00 | 18.77 0.09 0.00 | 18.50 0.07 0.00 | 19.50 -0.04 0.00 | 21.36 0.02 0.00 | 21.10 -0.21 0.00 | 21.86 -0.24 0.00 | 21.31 -0.11 0.00 | 23.58 -0.12 0.00 | 23.59 -0.36 0.00 | 25.07 -0.38 0.00 | 27.16 -0.47 0.00 | 30.30 -0.68 0.00 | 33.27 -0.71 0.00 | 38.14 -0.15 0.00 | 40.88 -0.96 0.00 | 37.99 -0.93 0.00 | 35.61 -0.73 0.00 | 32.98 -0.67 0.00 | 29.96 -0.43 0.00 | 25.99 -0.53 0.00 | 24.15 -0.24 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 24.16 0.33 0.00 | 23.34 0.57 0.00 | 19.26 0.27 0.00 | 19.11 0.43 0.00 | 18.85 0.42 0.00 | 19.91 0.37 0.00 | 21.81 0.47 0.00 | 21.36 0.04 0.00 | 22.13 0.02 0.00 | 21.55 0.13 0.00 | 23.84 0.14 0.00 | 23.86 -0.10 0.00 | 25.40 -0.05 0.00 | 27.52 -0.11 0.00 | 30.67 -0.31 0.00 | 33.75 -0.24 0.00 | 38.67 0.38 0.00 | 41.26 -0.59 0.00 | 38.26 -0.66 0.00 | 36.23 -0.11 0.00 | 33.48 -0.17 0.00 | 30.33 -0.06 0.00 | 26.25 -0.27 0.00 | 24.61 0.22 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 24.16 0.33 0.00 | 23.34 0.57 0.00 | 19.26 0.27 0.00 | 19.11 0.43 0.00 | 18.85 0.42 0.00 | 19.91 0.37 0.00 | 21.81 0.47 0.00 | 21.36 0.04 0.00 | 22.13 0.02 0.00 | 21.55 0.13 0.00 | 23.84 0.14 0.00 | 23.86 -0.10 0.00 | 25.40 -0.05 0.00 | 27.52 -0.11 0.00 | 30.67 -0.31 0.00 | 33.75 -0.24 0.00 | 38.67 0.38 0.00 | 41.26 -0.59 0.00 | 38.26 -0.66 0.00 | 36.23 -0.11 0.00 | 33.48 -0.17 0.00 | 30.33 -0.06 0.00 | 26.25 -0.27 0.00 | 24.61 0.22 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 24.16 0.33 0.00 | 23.34 0.57 0.00 | 19.26 0.27 0.00 | 18.92 0.24 0.00 | 18.66 0.24 0.00 | 19.91 0.37 0.00 | 21.81 0.47 0.00 | 21.36 0.04 0.00 | 22.13 0.02 0.00 | 21.55 0.13 0.00 | 23.84 0.14 0.00 | 23.86 -0.10 0.00 | 25.40 -0.05 0.00 | 27.52 -0.11 0.00 | 30.76 -0.22 0.00 | 33.85 -0.14 0.00 | 38.67 0.38 0.00 | 41.26 -0.59 0.00 | 38.96 0.04 0.00 | 36.23 -0.11 0.00 | 33.49 -0.17 0.00 | 30.33 -0.06 0.00 | 26.30 -0.21 0.00 | 24.61 0.22 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 23.94 0.12 0.00 | 22.47 -0.30 0.00 | 19.15 0.15 0.00 | 18.62 -0.06 0.00 | 18.51 0.09 0.00 | 19.72 0.18 0.00 | 21.36 0.02 0.00 | 21.29 -0.02 0.00 | 22.02 -0.09 0.00 | 21.34 -0.09 0.00 | 23.96 0.26 0.00 | 24.36 0.41 0.00 | 26.04 0.59 0.00 | 28.46 0.83 0.00 | 33.24 2.26 0.00 | 35.89 1.90 0.00 | 40.99 2.45 -0.25 | 45.15 3.31 0.00 | 41.33 2.41 0.00 | 38.59 2.25 0.00 | 35.30 1.65 0.00 | 30.91 0.52 0.00 | 27.23 0.72 0.00 | 25.10 0.71 0.00 |
| NEG WEST___LANCASTR 23811 | 24.27 0.45 0.00 | 22.79 0.02 0.00 | 19.45 0.46 0.00 | 18.88 0.21 0.00 | 18.77 0.35 0.00 | 20.03 0.49 0.00 | 21.77 0.43 0.00 | 21.78 0.47 0.00 | 22.50 0.40 0.00 | 21.83 0.41 0.00 | 24.48 0.78 0.00 | 24.89 0.93 0.00 | 26.62 1.17 0.00 | 29.18 1.55 0.00 | 33.83 2.85 0.00 | 36.67 2.68 0.00 | 40.20 1.61 -0.30 | 45.94 4.10 0.00 | 42.11 3.19 0.00 | 39.20 2.87 0.00 | 35.84 2.19 0.00 | 31.61 1.22 0.00 | 27.79 1.27 0.00 | 25.56 1.17 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 24.39 0.57 0.00 | 23.11 0.34 0.00 | 19.45 0.46 0.00 | 19.11 0.43 0.00 | 18.88 0.46 0.00 | 20.05 0.51 0.00 | 21.87 0.53 0.00 | 21.91 0.60 0.00 | 22.66 0.55 0.00 | 21.89 0.47 0.00 | 24.26 0.57 0.00 | 24.67 0.72 0.00 | 26.26 0.81 0.00 | 28.65 1.02 0.00 | 32.37 1.40 0.00 | 35.45 1.46 0.00 | 41.81 1.42 -2.10 | 43.89 2.05 0.00 | 40.71 1.79 0.00 | 38.08 1.74 0.00 | 35.13 1.48 0.00 | 31.42 1.03 0.00 | 27.50 0.98 0.00 | 25.19 0.80 0.00 |
| NEG___GEN_MONROE 24207 | 24.18 0.36 0.00 | 22.84 0.07 0.00 | 19.26 0.27 0.00 | 18.79 0.11 0.00 | 18.63 0.20 0.00 | 19.93 0.39 0.00 | 21.68 0.34 0.00 | 21.63 0.32 0.00 | 22.39 0.29 0.00 | 21.66 0.24 0.00 | 24.10 0.40 0.00 | 24.62 0.67 0.00 | 26.26 0.81 0.00 | 28.65 1.02 0.00 | 33.02 2.04 0.00 | 35.89 1.90 0.00 | 40.96 2.49 -0.18 | 44.85 3.01 0.00 | 41.22 2.30 0.00 | 38.55 2.22 0.00 | 35.37 1.72 0.00 | 31.24 0.85 0.00 | 27.42 0.90 0.00 | 25.27 0.88 0.00 |
| NEPA___ENERGY 23901 | 24.49 0.67 0.00 | 23.02 0.25 0.00 | 19.64 0.65 0.00 | 19.05 0.37 0.00 | 18.96 0.53 0.00 | 20.23 0.68 0.00 | 21.98 0.64 0.00 | 21.93 0.62 0.00 | 22.68 0.57 0.00 | 22.00 0.58 0.00 | 24.64 0.95 0.00 | 25.08 1.13 0.00 | 26.77 1.32 0.00 | 29.34 1.71 0.00 | 34.05 3.07 0.00 | 36.91 2.92 0.00 | 41.58 2.99 -0.30 | 46.28 4.44 0.00 | 42.46 3.54 0.00 | 39.53 3.20 0.00 | 36.11 2.46 0.00 | 31.82 1.43 0.00 | 27.97 1.46 0.00 | 25.73 1.34 0.00 |

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| NEVERSINK___HYD 23608 | 24.78 0.95 0.00 | 23.50 0.73 0.00 | 19.74 0.74 0.00 | 19.39 0.71 0.00 | 19.08 0.66 0.00 | 20.23 0.68 0.00 | 22.15 0.81 0.00 | 22.27 0.96 0.00 | 23.23 1.13 0.00 | 22.30 0.88 0.00 | 24.87 1.07 -0.10 | 25.24 1.22 -0.06 | 26.93 1.30 -0.19 | 29.23 1.35 -0.25 | 32.69 1.40 -0.32 | 35.99 1.63 -0.37 | 39.80 1.57 0.06 | 43.93 2.09 0.00 | 40.83 1.91 0.00 | 38.22 1.89 0.00 | 35.47 1.82 0.00 | 31.82 1.43 0.00 | 27.74 1.22 0.00 | 25.42 1.02 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 24.16 0.33 0.00 | 23.00 0.23 0.00 | 19.36 0.36 0.00 | 19.03 0.35 0.00 | 18.75 0.33 0.00 | 19.89 0.35 0.00 | 21.79 0.45 0.00 | 21.89 0.58 0.00 | 22.68 0.57 0.00 | 21.83 0.41 0.00 | 23.89 0.36 0.16 | 24.34 0.50 0.11 | 25.63 0.46 0.28 | 27.75 0.50 0.38 | 30.96 0.46 0.48 | 34.07 0.65 0.57 | 38.66 0.42 0.06 | 42.64 0.79 0.00 | 39.78 0.86 0.00 | 37.24 0.91 0.00 | 34.56 0.91 0.00 | 31.09 0.70 0.00 | 27.07 0.56 0.00 | 24.85 0.46 0.00 |
| NEWTON___FALLS_HYD 23847 | 23.49 -0.33 0.00 | 22.59 -0.18 0.00 | 18.71 -0.28 0.00 | 18.66 -0.02 0.00 | 18.44 0.02 0.00 | 19.33 -0.21 0.00 | 21.13 -0.21 0.00 | 20.93 -0.38 0.00 | 21.57 -0.53 0.00 | 20.91 -0.51 0.00 | 23.06 -0.64 0.00 | 23.24 -0.72 0.00 | 24.71 -0.74 0.00 | 26.77 -0.86 0.00 | 29.89 -1.08 0.00 | 32.80 -1.19 0.00 | 37.72 -0.57 0.00 | 41.05 -0.79 0.00 | 38.30 -0.62 0.00 | 35.53 -0.80 0.00 | 32.95 -0.71 0.00 | 29.87 -0.52 0.00 | 26.09 -0.42 0.00 | 24.03 -0.37 0.00 |
| NGRID_A1_DSASP 323792 | 23.35 -0.48 0.00 | 21.95 -0.82 0.00 | 18.71 -0.28 0.00 | 18.23 -0.45 0.00 | 18.11 -0.31 0.00 | 19.25 -0.29 0.00 | 20.87 -0.47 0.00 | 20.87 -0.45 0.00 | 21.46 -0.64 0.00 | 20.80 -0.62 0.00 | 23.34 -0.35 0.00 | 23.74 -0.22 0.00 | 25.35 -0.10 0.00 | 27.90 0.28 0.00 | 32.41 1.43 0.00 | 35.18 1.19 0.00 | 39.88 1.34 -0.25 | 43.89 2.05 0.00 | 40.44 1.52 0.00 | 37.71 1.38 0.00 | 34.63 0.98 0.00 | 30.33 -0.06 0.00 | 26.73 0.21 0.00 | 24.54 0.15 0.00 |
| NGRID_A2_DSASP 323793 | 23.35 -0.48 0.00 | 21.95 -0.82 0.00 | 18.71 -0.28 0.00 | 18.23 -0.45 0.00 | 18.11 -0.31 0.00 | 19.25 -0.29 0.00 | 20.87 -0.47 0.00 | 20.87 -0.45 0.00 | 21.46 -0.64 0.00 | 20.80 -0.62 0.00 | 23.34 -0.35 0.00 | 23.74 -0.22 0.00 | 25.35 -0.10 0.00 | 27.90 0.28 0.00 | 32.41 1.43 0.00 | 35.18 1.19 0.00 | 39.88 1.34 -0.25 | 43.89 2.05 0.00 | 40.44 1.52 0.00 | 37.71 1.38 0.00 | 34.63 0.98 0.00 | 30.33 -0.06 0.00 | 26.73 0.21 0.00 | 24.54 0.15 0.00 |
| NGRID_A4_DSASP 323807 | 23.35 -0.48 0.00 | 21.95 -0.82 0.00 | 18.71 -0.28 0.00 | 18.23 -0.45 0.00 | 18.11 -0.31 0.00 | 19.25 -0.29 0.00 | 20.87 -0.47 0.00 | 20.87 -0.45 0.00 | 21.46 -0.64 0.00 | 20.80 -0.62 0.00 | 23.34 -0.35 0.00 | 23.74 -0.22 0.00 | 25.35 -0.10 0.00 | 27.90 0.28 0.00 | 32.41 1.43 0.00 | 35.18 1.19 0.00 | 39.88 1.34 -0.25 | 43.89 2.05 0.00 | 40.44 1.52 0.00 | 37.71 1.38 0.00 | 34.63 0.98 0.00 | 30.33 -0.06 0.00 | 26.73 0.21 0.00 | 24.54 0.15 0.00 |
| NIAGARA_115E_LBMP 323715 | 23.58 -0.24 0.00 | 22.13 -0.64 0.00 | 18.88 -0.11 0.00 | 18.40 -0.28 0.00 | 18.27 -0.15 0.00 | 19.43 -0.12 0.00 | 21.06 -0.28 0.00 | 21.08 -0.23 0.00 | 21.66 -0.44 0.00 | 21.01 -0.41 0.00 | 23.55 -0.14 0.00 | 23.98 0.02 0.00 | 25.60 0.15 0.00 | 28.21 0.58 0.00 | 32.74 1.76 0.00 | 35.55 1.56 0.00 | 40.27 1.72 -0.25 | 44.39 2.55 0.00 | 40.91 1.98 0.00 | 38.15 1.82 0.00 | 35.03 1.38 0.00 | 30.66 0.27 0.00 | 27.02 0.50 0.00 | 24.78 0.39 0.00 |
| NIAGARA_115W_LBMP 323714 | 23.30 -0.52 0.00 | 21.88 -0.89 0.00 | 18.66 -0.34 0.00 | 18.19 -0.49 0.00 | 18.07 -0.35 0.00 | 19.21 -0.33 0.00 | 20.81 -0.53 0.00 | 20.80 -0.51 0.00 | 21.40 -0.71 0.00 | 20.74 -0.69 0.00 | 23.27 -0.43 0.00 | 23.67 -0.29 0.00 | 25.27 -0.18 0.00 | 27.82 0.19 0.00 | 32.28 1.30 0.00 | 35.07 1.09 0.00 | 39.77 1.23 -0.25 | 43.77 1.93 0.00 | 40.28 1.36 0.00 | 37.61 1.27 0.00 | 34.53 0.87 0.00 | 30.24 -0.15 0.00 | 26.65 0.13 0.00 | 24.46 0.07 0.00 |
| NIAGARA_230_LBMP 323716 | 23.63 -0.19 0.00 | 22.22 -0.55 0.00 | 18.92 -0.08 0.00 | 18.45 -0.22 0.00 | 18.33 -0.09 0.00 | 19.48 -0.06 0.00 | 21.13 -0.21 0.00 | 21.12 -0.19 0.00 | 21.73 -0.38 0.00 | 21.06 -0.36 0.00 | 23.60 -0.09 0.00 | 24.03 0.07 0.00 | 25.63 0.18 0.00 | 28.21 0.58 0.00 | 32.71 1.73 0.00 | 35.55 1.56 0.00 | 40.30 1.76 -0.25 | 44.31 2.47 0.00 | 40.83 1.91 0.00 | 38.11 1.78 0.00 | 35.00 1.35 0.00 | 30.66 0.27 0.00 | 27.05 0.53 0.00 | 24.81 0.41 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 23.30 -0.52 0.00 | 21.88 -0.89 0.00 | 18.65 -0.34 0.00 | 18.14 -0.54 0.00 | 18.04 -0.39 0.00 | 19.21 -0.33 0.00 | 20.81 -0.53 0.00 | 20.67 -0.64 0.00 | 21.40 -0.71 0.00 | 20.74 -0.69 0.00 | 23.27 -0.43 0.00 | 23.64 -0.31 0.00 | 25.27 -0.18 0.00 | 27.57 -0.06 0.00 | 32.22 1.24 0.00 | 34.73 0.75 0.00 | 39.84 1.30 -0.25 | 43.68 1.84 0.00 | 40.01 1.09 0.00 | 37.32 0.98 0.00 | 34.16 0.50 0.00 | 29.93 -0.46 0.00 | 26.41 -0.11 0.00 | 24.39 0.00 0.00 |
| NIAGARA____ 23760 | 23.63 -0.19 0.00 | 22.22 -0.55 0.00 | 18.92 -0.08 0.00 | 18.45 -0.22 0.00 | 18.33 -0.09 0.00 | 19.48 -0.06 0.00 | 21.13 -0.21 0.00 | 21.12 -0.19 0.00 | 21.73 -0.38 0.00 | 21.06 -0.36 0.00 | 23.60 -0.09 0.00 | 24.03 0.07 0.00 | 25.63 0.18 0.00 | 28.21 0.58 0.00 | 32.71 1.73 0.00 | 35.55 1.56 0.00 | 40.30 1.76 -0.25 | 44.31 2.47 0.00 | 40.83 1.91 0.00 | 38.11 1.78 0.00 | 35.00 1.35 0.00 | 30.66 0.27 0.00 | 27.05 0.53 0.00 | 24.81 0.41 0.00 |
| NINE_MILE_1 23575 | 23.39 -0.43 0.00 | 22.27 -0.50 0.00 | 18.66 -0.34 0.00 | 18.32 -0.36 0.00 | 18.09 -0.33 0.00 | 19.21 -0.33 0.00 | 20.91 -0.43 0.00 | 20.74 -0.57 0.00 | 21.49 -0.62 0.00 | 20.78 -0.64 0.00 | 23.01 -0.69 0.00 | 23.33 -0.62 0.00 | 24.84 -0.61 0.00 | 26.99 -0.63 0.00 | 30.39 -0.59 0.00 | 33.27 -0.72 0.00 | 37.55 -0.81 -0.06 | 41.09 -0.75 0.00 | 38.18 -0.74 0.00 | 35.68 -0.65 0.00 | 32.98 -0.67 0.00 | 29.66 -0.73 0.00 | 25.96 -0.56 0.00 | 23.93 -0.46 0.00 |
| NINE_MILE_2 23744 | 23.39 -0.43 0.00 | 22.27 -0.50 0.00 | 18.66 -0.34 0.00 | 18.32 -0.36 0.00 | 18.09 -0.33 0.00 | 19.21 -0.33 0.00 | 20.91 -0.43 0.00 | 20.74 -0.57 0.00 | 21.49 -0.62 0.00 | 20.78 -0.64 0.00 | 23.01 -0.69 0.00 | 23.33 -0.62 0.00 | 24.84 -0.61 0.00 | 26.99 -0.63 0.00 | 30.39 -0.59 0.00 | 33.27 -0.72 0.00 | 37.55 -0.81 -0.06 | 41.09 -0.75 0.00 | 38.18 -0.74 0.00 | 35.68 -0.65 0.00 | 32.98 -0.67 0.00 | 29.66 -0.73 0.00 | 25.96 -0.56 0.00 | 23.93 -0.46 0.00 |
| NM_CAPITAL___DRP 24208 | 24.20 0.38 0.00 | 23.04 0.27 0.00 | 19.40 0.40 0.00 | 19.07 0.39 0.00 | 18.79 0.37 0.00 | 19.93 0.39 0.00 | 21.83 0.49 0.00 | 21.93 0.62 0.00 | 22.72 0.62 0.00 | 21.87 0.45 0.00 | 23.92 0.40 0.17 | 24.37 0.55 0.13 | 25.65 0.51 0.31 | 27.76 0.55 0.42 | 30.97 0.53 0.54 | 34.07 0.71 0.63 | 38.70 0.46 0.06 | 42.68 0.84 0.00 | 39.86 0.93 0.00 | 37.32 0.98 0.00 | 34.63 0.98 0.00 | 31.15 0.76 0.00 | 27.15 0.64 0.00 | 24.90 0.51 0.00 |
| NM_CENTRAL___DRP 24181 | 23.94 0.12 0.00 | 22.72 -0.05 0.00 | 19.07 0.08 0.00 | 18.68 0.00 0.00 | 18.46 0.04 0.00 | 19.66 0.12 0.00 | 21.43 0.09 0.00 | 21.34 0.02 0.00 | 22.10 0.00 0.00 | 21.38 -0.04 0.00 | 23.67 -0.02 0.00 | 24.07 0.12 0.00 | 25.63 0.18 0.00 | 27.88 0.25 0.00 | 31.41 0.43 0.00 | 34.36 0.37 0.00 | 38.76 0.38 -0.09 | 42.51 0.67 0.00 | 39.39 0.47 0.00 | 36.77 0.44 0.00 | 33.96 0.30 0.00 | 30.48 0.09 0.00 | 26.73 0.21 0.00 | 24.56 0.17 0.00 |

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| NM_FRONTIER___DRP 24179 | 23.30 -0.52 0.00 | 21.88 -0.89 0.00 | 18.65 -0.34 0.00 | 18.14 -0.54 0.00 | 18.04 -0.39 0.00 | 19.21 -0.33 0.00 | 20.81 -0.53 0.00 | 20.67 -0.64 0.00 | 21.40 -0.71 0.00 | 20.74 -0.69 0.00 | 23.27 -0.43 0.00 | 23.64 -0.31 0.00 | 25.27 -0.18 0.00 | 27.57 -0.06 0.00 | 32.22 1.24 0.00 | 34.73 0.75 0.00 | 39.84 1.30 -0.25 | 43.68 1.84 0.00 | 40.01 1.09 0.00 | 37.32 0.98 0.00 | 34.16 0.50 0.00 | 29.93 -0.46 0.00 | 26.41 -0.11 0.00 | 24.39 0.00 0.00 |
| NM_ST_REGIS___HYD 24053 | 23.08 -0.74 0.00 | 22.34 -0.43 0.00 | 18.37 -0.63 0.00 | 18.51 -0.17 0.00 | 18.28 -0.15 0.00 | 18.98 -0.57 0.00 | 20.70 -0.64 0.00 | 20.46 -0.85 0.00 | 21.11 -0.99 0.00 | 20.56 -0.86 0.00 | 22.72 -0.97 0.00 | 22.76 -1.20 0.00 | 24.15 -1.30 0.00 | 26.11 -1.52 0.00 | 29.06 -1.92 0.00 | 31.95 -2.04 0.00 | 37.18 -1.11 0.00 | 40.08 -1.76 0.00 | 37.29 -1.63 0.00 | 34.30 -2.03 0.00 | 31.80 -1.85 0.00 | 29.05 -1.34 0.00 | 25.38 -1.14 0.00 | 23.51 -0.88 0.00 |
| NORTHPORT___1 23551 | 25.83 2.00 -0.01 | 24.51 1.73 -0.01 | 20.64 1.63 -0.01 | 20.23 1.55 0.00 | 19.73 1.31 0.00 | 20.99 1.45 0.00 | 23.05 1.71 0.00 | 23.08 1.77 0.00 | 24.40 2.30 0.00 | 23.26 1.84 0.00 | 26.15 2.27 -0.18 | 27.08 2.56 -0.56 | 27.92 2.14 -0.33 | 29.42 1.35 -0.44 | 32.70 1.15 -0.57 | 36.05 1.39 -0.67 | 39.30 1.07 0.06 | 43.26 1.42 0.00 | 40.20 1.28 0.00 | 37.46 1.13 0.00 | 34.70 1.04 0.00 | 31.57 1.18 0.00 | 27.87 1.35 0.00 | 26.42 2.02 -0.01 |
| NORTHPORT___2 23552 | 25.83 2.00 -0.01 | 24.51 1.73 -0.01 | 20.64 1.63 -0.01 | 20.23 1.55 0.00 | 19.73 1.31 0.00 | 20.99 1.45 0.00 | 23.05 1.71 0.00 | 23.08 1.77 0.00 | 24.40 2.30 0.00 | 23.26 1.84 0.00 | 26.15 2.27 -0.18 | 27.08 2.56 -0.56 | 27.92 2.14 -0.33 | 29.42 1.35 -0.44 | 32.70 1.15 -0.57 | 36.05 1.39 -0.67 | 39.30 1.07 0.06 | 43.26 1.42 0.00 | 40.20 1.28 0.00 | 37.46 1.13 0.00 | 34.70 1.04 0.00 | 31.57 1.18 0.00 | 27.87 1.35 0.00 | 26.42 2.02 -0.01 |
| NORTHPORT___3 23553 | 25.88 2.05 -0.01 | 24.53 1.75 -0.01 | 20.66 1.65 -0.01 | 20.25 1.57 0.00 | 19.77 1.34 0.00 | 21.03 1.48 0.00 | 23.09 1.75 0.00 | 22.91 1.60 0.00 | 24.21 2.10 0.00 | 23.14 1.71 0.00 | 26.06 2.18 -0.18 | 26.98 2.47 -0.56 | 28.05 2.26 -0.33 | 29.56 1.49 -0.44 | 32.85 1.30 -0.57 | 36.18 1.53 -0.67 | 39.46 1.23 0.06 | 43.56 1.72 0.00 | 40.75 1.83 0.00 | 37.93 1.60 0.00 | 35.17 1.52 0.00 | 31.88 1.49 0.00 | 28.03 1.51 0.00 | 26.52 2.12 -0.01 |
| NORTHPORT___4 23650 | 25.88 2.05 -0.01 | 24.53 1.75 -0.01 | 20.66 1.65 -0.01 | 20.25 1.57 0.00 | 19.77 1.34 0.00 | 21.03 1.48 0.00 | 23.09 1.75 0.00 | 10.86 1.56 12.01 | 5.60 2.06 18.56 | 5.60 1.67 17.49 | 5.62 2.13 20.21 | 5.73 2.40 20.62 | 5.73 2.19 21.91 | 28.67 1.49 0.45 | 29.89 1.30 2.39 | 33.21 1.53 2.30 | 28.54 1.23 10.98 | 32.94 1.72 10.62 | 30.86 1.75 9.82 | 28.54 1.53 9.32 | 31.93 1.45 3.17 | 31.88 1.49 0.00 | 28.03 1.51 0.00 | 26.52 2.12 -0.01 |
| NORTHPORT___IC 23718 | 25.82 2.00 0.00 | 24.50 1.73 0.00 | 20.63 1.63 0.00 | 20.13 1.46 0.00 | 19.64 1.22 0.00 | 20.99 1.45 0.00 | 23.05 1.71 0.00 | 23.08 1.77 0.00 | 24.40 2.30 0.00 | 23.26 1.84 0.00 | 26.15 2.27 -0.18 | 27.05 2.54 -0.56 | 28.35 2.57 -0.33 | 30.12 2.04 -0.44 | 33.41 1.86 -0.57 | 36.93 2.28 -0.67 | 40.30 2.07 0.06 | 44.64 2.80 0.00 | 41.80 2.88 0.00 | 38.84 2.51 0.00 | 36.04 2.39 0.00 | 32.70 2.31 0.00 | 28.53 2.02 0.00 | 26.63 2.24 0.00 |
| NORTH___COUNTRY_ESR 323785 | 23.68 -0.14 0.00 | 22.91 0.14 0.00 | 18.86 -0.13 0.00 | 18.53 -0.15 0.00 | 18.27 -0.15 0.00 | 19.47 -0.08 0.00 | 21.30 -0.04 0.00 | 21.04 -0.28 0.00 | 21.79 -0.31 0.00 | 21.27 -0.15 0.00 | 23.53 -0.16 0.00 | 23.52 -0.43 0.00 | 25.02 -0.43 0.00 | 27.10 -0.53 0.00 | 30.30 -0.68 0.00 | 33.34 -0.65 0.00 | 38.06 -0.23 0.00 | 40.80 -1.04 0.00 | 38.26 -0.66 0.00 | 35.50 -0.83 0.00 | 32.84 -0.81 0.00 | 29.84 -0.55 0.00 | 25.96 -0.56 0.00 | 24.07 -0.32 0.00 |
| NPX_GEN_1385_PROXY 323591 | 25.62 1.79 -0.01 | 24.42 1.64 -0.01 | 20.58 1.58 -0.01 | 20.17 1.49 0.00 | 19.68 1.25 0.00 | 20.93 1.39 0.00 | 22.98 1.64 0.00 | 23.04 1.73 0.00 | 24.31 2.21 0.00 | 23.20 1.78 0.00 | 24.81 1.92 0.80 | 24.70 2.18 1.43 | 26.62 1.75 0.58 | 28.80 0.97 -0.21 | 30.11 0.65 1.52 | 33.09 0.85 1.75 | 36.63 0.50 2.16 | 42.97 1.13 0.00 | 40.17 1.25 0.00 | 37.64 1.31 0.00 | 34.76 1.11 0.00 | 31.48 1.09 0.00 | 27.79 1.27 0.00 | 26.35 1.95 -0.01 |
| NPX_GEN_CSC 323557 | 26.09 2.26 -0.01 | 24.74 1.96 -0.01 | 20.81 1.81 -0.01 | 20.36 1.68 0.00 | 19.82 1.40 0.00 | 21.09 1.54 0.00 | 23.18 1.84 0.00 | 23.17 1.85 0.00 | 24.58 2.48 0.00 | 23.35 1.93 0.00 | 26.37 2.49 -0.18 | 27.36 2.85 -0.56 | 28.33 2.54 -0.33 | 29.89 1.82 -0.44 | 33.19 1.64 -0.57 | 34.85 1.97 1.11 | 41.78 1.76 -1.72 | 44.02 2.17 0.00 | 40.98 2.06 0.00 | 38.15 1.82 0.00 | 35.33 1.68 0.00 | 32.28 1.88 0.00 | 28.27 1.75 0.00 | 26.67 2.27 -0.01 |
| NSINS_S_GLNS_FALLS 23858 | 24.97 1.14 0.00 | 23.77 1.00 0.00 | 19.87 0.87 0.00 | 19.52 0.84 0.00 | 19.23 0.81 0.00 | 20.50 0.96 0.00 | 22.45 1.11 0.00 | 22.46 1.15 0.00 | 23.34 1.24 0.00 | 22.34 0.92 0.00 | 24.43 0.92 0.19 | 24.98 1.17 0.15 | 26.38 1.27 0.34 | 28.23 1.05 0.45 | 31.57 1.18 0.58 | 34.60 1.29 0.68 | 39.34 1.11 0.06 | 43.77 1.92 0.00 | 40.95 2.02 0.00 | 38.80 2.47 0.00 | 36.01 2.36 0.00 | 32.49 2.10 0.00 | 28.21 1.70 0.00 | 25.83 1.44 0.00 |
| NUCOR_STEEL___DRP 24197 | 24.25 0.43 0.00 | 23.00 0.23 0.00 | 19.28 0.28 0.00 | 18.90 0.22 0.00 | 18.70 0.28 0.00 | 19.91 0.37 0.00 | 21.68 0.34 0.00 | 21.57 0.26 0.00 | 22.33 0.22 0.00 | 21.59 0.17 0.00 | 23.88 0.19 0.00 | 24.29 0.34 0.00 | 25.88 0.43 0.00 | 28.15 0.52 0.00 | 31.91 0.93 0.00 | 34.90 0.92 0.00 | 39.46 1.03 -0.14 | 43.39 1.55 0.00 | 40.17 1.25 0.00 | 37.53 1.20 0.00 | 34.66 1.01 0.00 | 31.00 0.61 0.00 | 27.15 0.64 0.00 | 24.90 0.51 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 24.20 0.38 0.00 | 23.13 0.36 0.00 | 19.26 0.27 0.00 | 18.92 0.24 0.00 | 18.72 0.29 0.00 | 19.91 0.37 0.00 | 21.83 0.49 0.00 | 21.70 0.38 0.00 | 22.39 0.29 0.00 | 21.59 0.17 0.00 | 23.81 0.12 0.00 | 24.14 0.19 0.00 | 25.68 0.23 0.00 | 27.90 0.28 0.00 | 31.29 0.31 0.00 | 34.26 0.27 0.00 | 38.87 0.58 0.00 | 42.63 0.79 0.00 | 39.85 0.93 0.00 | 37.35 1.02 0.00 | 34.56 0.91 0.00 | 31.15 0.76 0.00 | 27.13 0.61 0.00 | 24.85 0.46 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 23.82 0.00 0.00 | 22.77 0.00 0.00 | 19.00 0.00 0.00 | 18.68 0.00 0.00 | 18.42 0.00 0.00 | 19.54 0.00 0.00 | 21.34 0.00 0.00 | 21.31 0.00 0.00 | 22.10 0.00 0.00 | 21.42 0.00 0.00 | 23.70 0.00 0.00 | 23.95 0.00 0.00 | 25.45 0.00 0.00 | 27.63 0.00 0.00 | 30.98 0.00 0.00 | 33.99 0.00 0.00 | 38.29 0.00 0.00 | 41.84 0.00 0.00 | 38.92 0.00 0.00 | 36.33 0.00 0.00 | 33.65 0.00 0.00 | 30.39 0.00 0.00 | 26.52 0.00 0.00 | 24.39 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 26.21 2.38 -0.01 | 24.85 2.07 -0.01 | 20.92 1.92 -0.01 | 20.49 1.81 0.00 | 19.99 1.57 0.00 | 21.26 1.72 0.00 | 23.35 2.01 0.00 | 23.36 2.05 0.00 | 24.73 2.63 0.00 | 23.56 2.14 0.00 | 26.56 2.68 -0.18 | 27.50 2.99 -0.56 | 28.48 2.70 -0.33 | 30.06 1.99 -0.44 | 33.44 1.89 -0.57 | 36.83 2.18 -0.67 | 40.26 2.03 0.06 | 44.31 2.47 0.00 | 41.18 2.26 0.00 | 38.37 2.03 0.00 | 35.54 1.88 0.00 | 32.36 1.97 0.00 | 28.40 1.88 0.00 | 26.81 2.42 -0.01 |

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| NYPA_GOWANUS____GT5 24156 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NYPA_GOWANUS____GT6 24157 | 25.52 1.69 -0.01 | 24.21 1.44 -0.01 | 20.33 1.33 -0.01 | 19.96 1.29 0.00 | 19.58 1.16 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.54 -0.33 | 30.72 2.65 -0.44 | 34.28 2.73 -0.57 | 37.81 3.16 -0.67 | 41.14 2.91 0.06 | 45.52 3.68 0.00 | 42.04 3.11 0.00 | 39.09 2.76 0.00 | 36.41 2.76 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.20 1.80 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.97 1.29 -0.01 | 19.63 1.20 -0.01 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.10 1.79 0.00 | 24.12 2.01 0.00 | 23.22 1.80 0.00 | 25.94 2.06 -0.18 | 26.77 2.28 -0.54 | 28.23 2.44 -0.33 | 30.59 2.51 -0.44 | 34.06 2.51 -0.57 | 37.50 2.86 -0.66 | 40.75 2.53 0.07 | 45.06 3.22 0.01 | 41.60 2.68 0.01 | 38.72 2.40 0.01 | 36.24 2.59 0.00 | 32.49 2.10 0.00 | 28.67 2.15 -0.01 | 26.23 1.83 -0.01 |
| NYPA_HARLEM__RVR__GT2 24161 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.97 1.29 -0.01 | 19.63 1.20 -0.01 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.10 1.79 0.00 | 24.12 2.01 0.00 | 23.22 1.80 0.00 | 25.94 2.06 -0.18 | 26.77 2.28 -0.54 | 28.23 2.44 -0.33 | 30.59 2.51 -0.44 | 34.06 2.51 -0.57 | 37.50 2.86 -0.66 | 40.75 2.53 0.07 | 45.06 3.22 0.01 | 41.60 2.68 0.01 | 38.72 2.40 0.01 | 36.24 2.59 0.00 | 32.49 2.10 0.00 | 28.67 2.15 -0.01 | 26.23 1.83 -0.01 |
| NYPA_KENT____GT 24152 | 25.47 1.64 -0.01 | 24.14 1.37 -0.01 | 20.31 1.31 -0.01 | 19.95 1.27 0.00 | 19.56 1.14 0.00 | 20.75 1.21 0.00 | 22.77 1.32 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.01 2.13 -0.18 | 26.87 2.37 -0.54 | 28.30 2.52 -0.33 | 30.70 2.63 -0.44 | 34.21 2.66 -0.57 | 37.71 3.06 -0.67 | 41.03 2.79 0.06 | 45.40 3.55 0.00 | 41.92 3.00 0.00 | 39.02 2.69 0.00 | 36.35 2.69 0.00 | 32.58 2.19 0.00 | 28.59 2.07 -0.01 | 26.17 1.78 0.00 |
| NYPA_POUCH1____GT 24155 | 25.47 1.64 -0.01 | 24.21 1.44 -0.01 | 20.30 1.29 -0.01 | 19.91 1.23 0.00 | 19.53 1.11 0.00 | 20.68 1.13 0.00 | 22.66 1.32 0.00 | 23.00 1.68 0.00 | 24.09 1.99 0.00 | 23.18 1.76 0.00 | 25.94 2.06 -0.18 | 26.80 2.30 -0.54 | 28.25 2.47 -0.33 | 30.61 2.54 -0.44 | 34.15 2.60 -0.57 | 37.68 3.02 -0.67 | 41.03 2.79 0.06 | 45.40 3.55 0.00 | 41.92 3.00 0.00 | 38.99 2.65 0.00 | 36.31 2.66 0.00 | 32.49 2.10 0.00 | 28.57 2.04 -0.01 | 26.12 1.73 0.00 |
| NYPA_VERNON____GT2 24162 | 25.40 1.57 -0.01 | 24.07 1.30 -0.01 | 20.28 1.27 -0.01 | 19.93 1.25 0.00 | 19.56 1.14 0.00 | 20.75 1.21 0.00 | 22.79 1.45 0.00 | 23.12 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.01 2.13 -0.18 | 26.85 2.35 -0.54 | 28.28 2.50 -0.33 | 30.64 2.57 -0.44 | 34.18 2.63 -0.57 | 37.65 2.99 -0.67 | 40.95 2.72 0.06 | 45.27 3.43 0.00 | 41.80 2.88 0.00 | 38.91 2.58 0.00 | 36.28 2.63 0.00 | 32.55 2.16 0.00 | 28.57 2.04 -0.01 | 26.12 1.73 0.00 |
| NYPA_VERNON____GT3 24163 | 25.40 1.57 -0.01 | 24.07 1.30 -0.01 | 20.28 1.27 -0.01 | 19.93 1.25 0.00 | 19.56 1.14 0.00 | 20.75 1.21 0.00 | 22.79 1.45 0.00 | 23.12 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.01 2.13 -0.18 | 26.85 2.35 -0.54 | 28.28 2.50 -0.33 | 30.64 2.57 -0.44 | 34.18 2.63 -0.57 | 37.65 2.99 -0.67 | 40.95 2.72 0.06 | 45.27 3.43 0.00 | 41.80 2.88 0.00 | 38.91 2.58 0.00 | 36.28 2.63 0.00 | 32.55 2.16 0.00 | 28.57 2.04 -0.01 | 26.12 1.73 0.00 |
| NYPA____ASTORIA_CC1 323568 | 25.40 1.57 -0.01 | 24.05 1.27 -0.01 | 20.28 1.27 -0.01 | 19.91 1.23 0.00 | 19.55 1.12 0.00 | 20.75 1.21 0.00 | 22.77 1.43 0.00 | 23.10 1.79 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.82 2.32 -0.54 | 28.25 2.47 -0.33 | 30.61 2.54 -0.44 | 34.12 2.57 -0.57 | 37.58 2.92 -0.67 | 40.84 2.61 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.84 2.51 0.00 | 36.21 2.56 0.00 | 32.49 2.10 0.00 | 28.54 2.01 -0.01 | 26.12 1.73 0.00 |
| NYPA____ASTORIA_CC2 323569 | 25.40 1.57 -0.01 | 24.05 1.27 -0.01 | 20.28 1.27 -0.01 | 19.91 1.23 0.00 | 19.55 1.12 0.00 | 20.75 1.21 0.00 | 22.77 1.43 0.00 | 23.10 1.79 0.00 | 24.14 2.03 0.00 | 23.24 1.82 0.00 | 25.97 2.09 -0.18 | 26.82 2.32 -0.54 | 28.25 2.47 -0.33 | 30.61 2.54 -0.44 | 34.12 2.57 -0.57 | 37.58 2.92 -0.67 | 40.84 2.61 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.84 2.51 0.00 | 36.21 2.56 0.00 | 32.49 2.10 0.00 | 28.54 2.01 -0.01 | 26.12 1.73 0.00 |
| NYPA____HOLTSVILL 23794 | 26.14 2.31 -0.01 | 24.78 2.00 -0.01 | 20.87 1.86 -0.01 | 20.41 1.74 0.00 | 19.91 1.49 0.00 | 21.18 1.64 0.00 | 23.26 1.92 0.00 | 23.27 1.96 0.00 | 24.65 2.54 0.00 | 23.41 1.99 0.00 | 26.42 2.54 -0.18 | 27.36 2.85 -0.56 | 28.35 2.57 -0.33 | 29.92 1.85 -0.44 | 33.22 1.67 -0.57 | 36.62 1.97 -0.67 | 39.96 1.72 0.06 | 43.93 2.09 0.00 | 40.91 1.98 0.00 | 38.08 1.74 0.00 | 35.30 1.65 0.00 | 32.24 1.85 0.00 | 28.34 1.83 0.00 | 26.74 2.34 -0.01 |
| NYPA____HELLGATE_GT1 24158 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.97 1.29 -0.01 | 19.63 1.20 -0.01 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.10 1.79 0.00 | 24.12 2.01 0.00 | 23.22 1.80 0.00 | 25.94 2.06 -0.18 | 26.77 2.28 -0.54 | 28.23 2.44 -0.33 | 30.59 2.51 -0.44 | 34.06 2.51 -0.57 | 37.50 2.86 -0.66 | 40.75 2.53 0.07 | 45.06 3.22 0.01 | 41.60 2.68 0.01 | 38.72 2.40 0.01 | 36.24 2.59 0.00 | 32.49 2.10 0.00 | 28.67 2.15 -0.01 | 26.23 1.83 -0.01 |
| NYPA____HELLGATE_GT2 24159 | 25.47 1.64 -0.01 | 24.10 1.32 -0.01 | 20.33 1.33 -0.01 | 19.97 1.29 -0.01 | 19.63 1.20 -0.01 | 20.84 1.29 -0.01 | 22.83 1.49 0.00 | 23.10 1.79 0.00 | 24.12 2.01 0.00 | 23.22 1.80 0.00 | 25.94 2.06 -0.18 | 26.77 2.28 -0.54 | 28.23 2.44 -0.33 | 30.59 2.51 -0.44 | 34.06 2.51 -0.57 | 37.50 2.86 -0.66 | 40.75 2.53 0.07 | 45.06 3.22 0.01 | 41.60 2.68 0.01 | 38.72 2.40 0.01 | 36.24 2.59 0.00 | 32.49 2.10 0.00 | 28.67 2.15 -0.01 | 26.23 1.83 -0.01 |
| NYS_BARGE____HYD 23848 | 23.94 0.12 0.00 | 22.47 -0.30 0.00 | 19.17 0.17 0.00 | 18.68 0.00 0.00 | 18.55 0.13 0.00 | 19.72 0.18 0.00 | 21.38 0.04 0.00 | 21.44 0.13 0.00 | 22.04 -0.07 0.00 | 21.36 -0.06 0.00 | 23.96 0.26 0.00 | 24.41 0.45 0.00 | 26.09 0.64 0.00 | 28.73 1.11 0.00 | 33.36 2.39 0.00 | 36.26 2.28 0.00 | 41.02 2.49 -0.24 | 45.31 3.47 0.00 | 41.73 2.80 0.00 | 38.91 2.58 0.00 | 35.71 2.05 0.00 | 31.27 0.88 0.00 | 27.50 0.98 0.00 | 25.19 0.80 0.00 |
| OAK ORCHARD____HYD 24046 | 24.08 0.26 0.00 | 22.75 -0.02 0.00 | 19.19 0.19 0.00 | 18.77 0.09 0.00 | 18.61 0.18 0.00 | 19.82 0.27 0.00 | 21.53 0.19 0.00 | 21.57 0.26 0.00 | 22.26 0.16 0.00 | 21.55 0.13 0.00 | 24.00 0.31 0.00 | 24.51 0.55 0.00 | 26.14 0.69 0.00 | 28.65 1.02 0.00 | 32.84 1.86 0.00 | 35.82 1.83 0.00 | 40.77 2.30 -0.18 | 44.60 2.76 0.00 | 41.14 2.22 0.00 | 38.44 2.11 0.00 | 35.37 1.72 0.00 | 31.24 0.85 0.00 | 27.36 0.85 0.00 | 25.10 0.71 0.00 |

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| OAKDALE___35_KV_LOAD 356122 | 24.30 0.48 0.00 | 23.04 0.27 0.00 | 19.40 0.40 0.00 | 18.99 0.32 0.00 | 18.77 0.35 0.00 | 19.97 0.43 0.00 | 21.79 0.45 0.00 | 21.78 0.47 0.00 | 22.57 0.46 0.00 | 21.81 0.39 0.00 | 24.17 0.47 0.00 | 24.55 0.60 0.00 | 26.14 0.69 0.00 | 28.46 0.83 0.00 | 32.19 1.21 0.00 | 35.24 1.26 0.00 | 41.63 1.23 -2.11 | 43.64 1.80 0.00 | 40.48 1.56 0.00 | 37.79 1.45 0.00 | 34.90 1.25 0.00 | 31.21 0.82 0.00 | 27.31 0.80 0.00 | 25.07 0.68 0.00 |
| OCC_CHEM___DRP 24175 | 23.35 -0.48 0.00 | 21.95 -0.82 0.00 | 18.71 -0.28 0.00 | 18.19 -0.49 0.00 | 18.07 -0.35 0.00 | 19.25 -0.29 0.00 | 20.87 -0.47 0.00 | 20.74 -0.58 0.00 | 21.46 -0.64 0.00 | 20.80 -0.62 0.00 | 23.34 -0.36 0.00 | 23.71 -0.24 0.00 | 25.35 -0.10 0.00 | 27.66 0.03 0.00 | 32.31 1.33 0.00 | 34.87 0.88 0.00 | 40.00 1.46 -0.25 | 43.81 1.97 0.00 | 40.13 1.21 0.00 | 37.42 1.09 0.00 | 34.26 0.61 0.00 | 30.03 -0.36 0.00 | 26.49 -0.03 0.00 | 24.46 0.07 0.00 |
| OH_GEN_PROXY 24063 | 23.66 -0.17 0.00 | 22.25 -0.52 0.00 | 18.94 -0.06 0.00 | 18.47 -0.21 0.00 | 18.35 -0.07 0.00 | 19.50 -0.04 0.00 | 21.15 -0.19 0.00 | 21.14 -0.17 0.00 | 21.75 -0.35 0.00 | 21.08 -0.34 0.00 | 23.62 -0.07 0.00 | 24.05 0.10 0.00 | 25.65 0.20 0.00 | 28.24 0.61 0.00 | 32.71 1.73 0.00 | 33.81 1.60 1.78 | 42.12 1.80 -2.03 | 44.39 2.55 0.00 | 40.87 1.95 0.00 | 38.15 1.82 0.00 | 35.03 1.38 0.00 | 30.73 0.33 0.00 | 27.07 0.56 0.00 | 24.81 0.41 0.00 |
| OLIN_CORP_DRP 24177 | 23.61 -0.21 0.00 | 22.18 -0.59 0.00 | 18.90 -0.09 0.00 | 18.38 -0.30 0.00 | 18.28 -0.15 0.00 | 19.45 -0.10 0.00 | 21.08 -0.26 0.00 | 20.97 -0.34 0.00 | 21.71 -0.40 0.00 | 21.04 -0.39 0.00 | 23.60 -0.09 0.00 | 23.98 0.02 0.00 | 25.63 0.18 0.00 | 27.99 0.36 0.00 | 32.71 1.73 0.00 | 35.28 1.29 0.00 | 40.35 1.80 -0.25 | 44.39 2.55 0.00 | 40.63 1.71 0.00 | 37.93 1.60 0.00 | 34.70 1.04 0.00 | 30.39 0.00 0.00 | 26.81 0.29 0.00 | 24.73 0.34 0.00 |
| OLIN_CORP_DSASP 323712 | 23.35 -0.48 0.00 | 21.95 -0.82 0.00 | 18.71 -0.28 0.00 | 18.23 -0.45 0.00 | 18.11 -0.31 0.00 | 19.25 -0.29 0.00 | 20.87 -0.47 0.00 | 20.87 -0.45 0.00 | 21.46 -0.64 0.00 | 20.80 -0.62 0.00 | 23.34 -0.35 0.00 | 23.74 -0.22 0.00 | 25.35 -0.10 0.00 | 27.90 0.28 0.00 | 32.41 1.43 0.00 | 35.18 1.19 0.00 | 39.88 1.34 -0.25 | 43.89 2.05 0.00 | 40.44 1.52 0.00 | 37.71 1.38 0.00 | 34.63 0.98 0.00 | 30.33 -0.06 0.00 | 26.73 0.21 0.00 | 24.54 0.15 0.00 |
| ONEIDA_HERK_LFGE 323681 | 24.42 0.60 0.00 | 23.29 0.52 0.00 | 19.45 0.46 0.00 | 19.09 0.41 0.00 | 18.88 0.46 0.00 | 20.07 0.53 0.00 | 21.98 0.64 0.00 | 21.91 0.60 0.00 | 22.66 0.55 0.00 | 21.85 0.43 0.00 | 24.12 0.43 0.00 | 24.51 0.55 0.00 | 26.04 0.59 0.00 | 28.32 0.69 0.00 | 31.82 0.84 0.00 | 34.84 0.85 0.00 | 39.36 1.07 0.00 | 43.22 1.38 0.00 | 40.32 1.40 0.00 | 37.79 1.45 0.00 | 34.96 1.31 0.00 | 31.48 1.09 0.00 | 27.39 0.87 0.00 | 25.10 0.71 0.00 |
| ONEIDA___115KV_TB4 55905 | 24.68 0.86 0.00 | 23.47 0.71 0.00 | 19.64 0.65 0.00 | 19.26 0.58 0.00 | 19.03 0.61 0.00 | 20.27 0.72 0.00 | 22.17 0.83 0.00 | 22.12 0.81 0.00 | 22.88 0.77 0.00 | 22.06 0.64 0.00 | 24.38 0.69 0.00 | 24.77 0.81 0.00 | 26.37 0.92 0.00 | 28.71 1.08 0.00 | 32.31 1.33 0.00 | 35.38 1.39 0.00 | 39.96 1.61 -0.06 | 43.93 2.09 0.00 | 40.95 2.02 0.00 | 38.37 2.03 0.00 | 35.47 1.82 0.00 | 31.85 1.46 0.00 | 27.74 1.22 0.00 | 25.42 1.02 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 23.89 0.07 0.00 | 22.70 -0.07 0.00 | 19.03 0.04 0.00 | 18.64 -0.04 0.00 | 18.42 0.00 0.00 | 19.60 0.06 0.00 | 21.36 0.02 0.00 | 21.27 -0.04 0.00 | 22.06 -0.04 0.00 | 21.34 -0.09 0.00 | 23.62 -0.07 0.00 | 24.00 0.05 0.00 | 25.58 0.13 0.00 | 27.82 0.19 0.00 | 31.35 0.37 0.00 | 34.29 0.31 0.00 | 38.69 0.31 -0.10 | 42.43 0.59 0.00 | 39.35 0.43 0.00 | 36.77 0.44 0.00 | 33.92 0.27 0.00 | 30.48 0.09 0.00 | 26.68 0.16 0.00 | 24.54 0.15 0.00 |
| ONONDAGA___COGEN 23986 | 24.01 0.19 0.00 | 22.81 0.05 0.00 | 19.13 0.13 0.00 | 18.75 0.07 0.00 | 18.51 0.09 0.00 | 19.72 0.18 0.00 | 21.49 0.15 0.00 | 21.38 0.06 0.00 | 22.13 0.02 0.00 | 21.42 0.00 0.00 | 23.70 0.00 0.00 | 24.07 0.12 0.00 | 25.65 0.20 0.00 | 27.90 0.28 0.00 | 31.51 0.53 0.00 | 34.46 0.48 0.00 | 38.94 0.54 -0.11 | 42.68 0.84 0.00 | 39.58 0.66 0.00 | 36.99 0.65 0.00 | 34.16 0.50 0.00 | 30.63 0.24 0.00 | 26.83 0.32 0.00 | 24.66 0.27 0.00 |
| ONTARIO___LFGE 23819 | 24.42 0.60 0.00 | 23.04 0.27 0.00 | 19.41 0.42 0.00 | 19.03 0.35 0.00 | 18.85 0.42 0.00 | 20.09 0.55 0.00 | 21.87 0.53 0.00 | 21.93 0.62 0.00 | 22.59 0.49 0.00 | 21.85 0.43 0.00 | 24.26 0.57 0.00 | 24.72 0.77 0.00 | 26.39 0.94 0.00 | 28.87 1.24 0.00 | 32.84 1.86 0.00 | 35.79 1.80 0.00 | 40.47 1.95 -0.22 | 44.69 2.85 0.00 | 41.38 2.45 0.00 | 38.66 2.33 0.00 | 35.54 1.88 0.00 | 31.64 1.25 0.00 | 27.71 1.19 0.00 | 25.29 0.90 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 24.20 0.38 0.00 | 22.75 -0.02 0.00 | 19.36 0.36 0.00 | 18.90 0.22 0.00 | 18.75 0.33 0.00 | 19.91 0.37 0.00 | 21.62 0.28 0.00 | 21.74 0.43 0.00 | 22.35 0.24 0.00 | 21.68 0.26 0.00 | 24.26 0.57 0.00 | 24.70 0.74 0.00 | 26.39 0.94 0.00 | 29.04 1.41 0.00 | 33.46 2.48 0.00 | 36.44 2.45 0.00 | 40.97 2.37 -0.30 | 45.40 3.55 0.00 | 41.88 2.96 0.00 | 39.09 2.76 0.00 | 35.84 2.19 0.00 | 31.52 1.13 0.00 | 27.68 1.17 0.00 | 25.29 0.90 0.00 |
| ORANGEVILLE___ESR 323794 | 24.20 0.38 0.00 | 22.75 -0.02 0.00 | 19.36 0.36 0.00 | 18.90 0.22 0.00 | 18.75 0.33 0.00 | 19.91 0.37 0.00 | 21.62 0.28 0.00 | 21.74 0.43 0.00 | 22.35 0.24 0.00 | 21.68 0.26 0.00 | 24.26 0.57 0.00 | 24.70 0.74 0.00 | 26.39 0.94 0.00 | 29.04 1.41 0.00 | 33.46 2.48 0.00 | 36.44 2.45 0.00 | 40.97 2.37 -0.30 | 45.40 3.55 0.00 | 41.88 2.96 0.00 | 39.09 2.76 0.00 | 35.84 2.19 0.00 | 31.52 1.13 0.00 | 27.68 1.17 0.00 | 25.29 0.90 0.00 |
| OSWEGATCHIE___HYD 24044 | 23.49 -0.33 0.00 | 22.59 -0.18 0.00 | 18.71 -0.28 0.00 | 18.36 -0.32 0.00 | 18.15 -0.28 0.00 | 19.33 -0.21 0.00 | 21.13 -0.21 0.00 | 20.93 -0.38 0.00 | 21.57 -0.53 0.00 | 20.91 -0.51 0.00 | 23.06 -0.64 0.00 | 23.24 -0.72 0.00 | 24.71 -0.74 0.00 | 26.77 -0.86 0.00 | 29.93 -1.05 0.00 | 32.83 -1.16 0.00 | 37.72 -0.57 0.00 | 41.05 -0.80 0.00 | 38.38 -0.54 0.00 | 35.53 -0.80 0.00 | 32.94 -0.71 0.00 | 29.87 -0.52 0.00 | 26.12 -0.40 0.00 | 24.03 -0.37 0.00 |
| OSWEGO___5 23606 | 23.54 -0.28 0.00 | 22.40 -0.37 0.00 | 18.77 -0.23 0.00 | 18.43 -0.24 0.00 | 18.20 -0.22 0.00 | 19.33 -0.21 0.00 | 21.06 -0.28 0.00 | 20.91 -0.41 0.00 | 21.66 -0.44 0.00 | 20.95 -0.47 0.00 | 23.20 -0.50 0.00 | 23.55 -0.41 0.00 | 25.04 -0.41 0.00 | 27.24 -0.39 0.00 | 30.67 -0.31 0.00 | 33.58 -0.41 0.00 | 37.86 -0.50 -0.07 | 41.46 -0.38 0.00 | 38.49 -0.43 0.00 | 35.97 -0.36 0.00 | 33.28 -0.37 0.00 | 29.94 -0.46 0.00 | 26.17 -0.35 0.00 | 24.12 -0.27 0.00 |
| OSWEGO___6 23613 | 23.54 -0.28 0.00 | 22.40 -0.37 0.00 | 18.77 -0.23 0.00 | 18.43 -0.24 0.00 | 18.20 -0.22 0.00 | 19.33 -0.21 0.00 | 21.06 -0.28 0.00 | 20.91 -0.41 0.00 | 21.66 -0.44 0.00 | 20.95 -0.47 0.00 | 23.20 -0.50 0.00 | 23.55 -0.41 0.00 | 25.04 -0.41 0.00 | 27.24 -0.39 0.00 | 30.67 -0.31 0.00 | 33.58 -0.41 0.00 | 37.86 -0.50 -0.07 | 41.46 -0.38 0.00 | 38.49 -0.43 0.00 | 35.97 -0.36 0.00 | 33.28 -0.37 0.00 | 29.94 -0.46 0.00 | 26.17 -0.35 0.00 | 24.12 -0.27 0.00 |

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| OUTOKUMPU-AB___DRP 24206 | 24.06 0.24 0.00 | 22.56 -0.20 0.00 | 19.26 0.27 0.00 | 18.71 0.04 0.00 | 18.61 0.18 0.00 | 19.80 0.25 0.00 | 21.47 0.13 0.00 | 21.44 0.13 0.00 | 22.17 0.07 0.00 | 21.49 0.06 0.00 | 24.15 0.45 0.00 | 24.55 0.60 0.00 | 26.26 0.81 0.00 | 28.73 1.11 0.00 | 33.55 2.57 0.00 | 36.23 2.24 0.00 | 41.31 2.76 -0.26 | 45.52 3.68 0.00 | 41.69 2.76 0.00 | 38.84 2.51 0.00 | 35.54 1.88 0.00 | 31.15 0.76 0.00 | 27.42 0.90 0.00 | 25.27 0.88 0.00 |
| OXBOW___BTM 323836 | 23.73 -0.09 0.00 | 22.27 -0.50 0.00 | 19.00 0.00 0.00 | 18.51 -0.17 0.00 | 18.39 -0.04 0.00 | 19.54 0.00 0.00 | 21.19 -0.15 0.00 | 21.25 -0.06 0.00 | 21.84 -0.26 0.00 | 21.17 -0.26 0.00 | 23.77 0.07 0.00 | 24.19 0.24 0.00 | 25.86 0.41 0.00 | 28.49 0.86 0.00 | 33.09 2.11 0.00 | 35.96 1.97 0.00 | 40.65 2.10 -0.25 | 44.86 3.01 0.00 | 41.30 2.37 0.00 | 38.51 2.18 0.00 | 35.33 1.68 0.00 | 30.94 0.55 0.00 | 27.23 0.72 0.00 | 24.95 0.56 0.00 |
| OXBOW___ 24026 | 23.73 -0.10 0.00 | 22.27 -0.50 0.00 | 19.00 0.00 0.00 | 18.45 -0.22 0.00 | 18.35 -0.07 0.00 | 19.54 0.00 0.00 | 21.19 -0.15 0.00 | 21.12 -0.19 0.00 | 21.84 -0.27 0.00 | 21.16 -0.26 0.00 | 23.77 0.07 0.00 | 24.17 0.22 0.00 | 25.83 0.38 0.00 | 28.24 0.61 0.00 | 32.99 2.01 0.00 | 35.62 1.63 0.00 | 40.73 2.18 -0.25 | 44.77 2.93 0.00 | 40.98 2.06 0.00 | 38.22 1.89 0.00 | 34.96 1.31 0.00 | 30.63 0.24 0.00 | 26.99 0.48 0.00 | 24.90 0.51 0.00 |
| OXY_CHEM_DSASP 323612 | 23.35 -0.48 0.00 | 21.95 -0.82 0.00 | 18.71 -0.28 0.00 | 18.19 -0.49 0.00 | 18.07 -0.35 0.00 | 19.25 -0.29 0.00 | 20.87 -0.47 0.00 | 20.74 -0.58 0.00 | 21.46 -0.64 0.00 | 20.80 -0.62 0.00 | 23.34 -0.36 0.00 | 23.71 -0.24 0.00 | 25.35 -0.10 0.00 | 27.66 0.03 0.00 | 32.31 1.33 0.00 | 34.87 0.88 0.00 | 40.00 1.46 -0.25 | 43.81 1.97 0.00 | 40.13 1.21 0.00 | 37.42 1.09 0.00 | 34.26 0.61 0.00 | 30.03 -0.36 0.00 | 26.49 -0.03 0.00 | 24.46 0.07 0.00 |
| OZONE_PARK_ESR 323760 | 25.49 1.67 0.00 | 24.16 1.39 0.00 | 20.33 1.33 0.00 | 19.89 1.21 0.00 | 19.51 1.09 0.00 | 20.85 1.31 0.00 | 22.92 1.58 0.00 | 23.30 1.98 0.00 | 24.36 2.25 0.00 | 23.44 2.01 0.00 | 26.18 2.30 -0.18 | 27.01 2.52 -0.54 | 28.43 2.65 -0.33 | 30.89 2.82 -0.44 | 34.43 2.88 -0.57 | 38.05 3.40 -0.67 | 41.37 3.14 0.06 | 45.69 3.85 0.00 | 42.42 3.50 0.00 | 39.39 3.05 0.00 | 36.61 2.96 0.00 | 32.85 2.46 0.00 | 28.77 2.25 0.00 | 26.27 1.88 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 23.35 -0.48 0.00 | 21.95 -0.82 0.00 | 18.71 -0.28 0.00 | 18.19 -0.49 0.00 | 18.07 -0.35 0.00 | 19.25 -0.29 0.00 | 20.87 -0.47 0.00 | 20.74 -0.58 0.00 | 21.46 -0.64 0.00 | 20.80 -0.62 0.00 | 23.34 -0.36 0.00 | 23.71 -0.24 0.00 | 25.35 -0.10 0.00 | 27.66 0.03 0.00 | 32.31 1.33 0.00 | 34.87 0.88 0.00 | 40.00 1.46 -0.25 | 43.81 1.97 0.00 | 40.13 1.21 0.00 | 37.42 1.09 0.00 | 34.26 0.61 0.00 | 30.03 -0.36 0.00 | 26.49 -0.03 0.00 | 24.46 0.07 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 23.35 -0.48 0.00 | 21.95 -0.82 0.00 | 18.71 -0.28 0.00 | 18.19 -0.49 0.00 | 18.07 -0.35 0.00 | 19.25 -0.29 0.00 | 20.87 -0.47 0.00 | 20.74 -0.58 0.00 | 21.46 -0.64 0.00 | 20.80 -0.62 0.00 | 23.34 -0.36 0.00 | 23.71 -0.24 0.00 | 25.35 -0.10 0.00 | 27.66 0.03 0.00 | 32.31 1.33 0.00 | 34.87 0.88 0.00 | 40.00 1.46 -0.25 | 43.81 1.97 0.00 | 40.13 1.21 0.00 | 37.42 1.09 0.00 | 34.26 0.61 0.00 | 30.03 -0.36 0.00 | 26.49 -0.03 0.00 | 24.46 0.07 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 25.50 1.67 -0.01 | 24.12 1.34 -0.01 | 20.35 1.35 -0.01 | 19.90 1.21 -0.01 | 19.53 1.11 0.00 | 20.84 1.29 -0.01 | 22.81 1.47 0.00 | 23.08 1.77 0.00 | 24.05 1.95 0.00 | 23.16 1.74 0.00 | 25.87 1.99 -0.18 | 26.70 2.20 -0.54 | 28.15 2.37 -0.33 | 30.56 2.49 -0.44 | 34.03 2.48 -0.57 | 37.54 2.89 -0.67 | 40.80 2.57 0.06 | 44.98 3.14 0.00 | 41.76 2.84 0.00 | 38.80 2.47 0.00 | 36.08 2.42 0.00 | 32.52 2.13 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 25.76 1.93 -0.01 | 24.39 1.62 -0.01 | 20.56 1.56 -0.01 | 20.12 1.44 -0.01 | 19.73 1.31 0.00 | 21.04 1.49 -0.01 | 23.03 1.69 0.00 | 23.30 1.98 0.00 | 24.27 2.17 0.00 | 23.35 1.93 0.00 | 26.08 2.20 -0.18 | 26.92 2.42 -0.54 | 28.40 2.62 -0.33 | 30.81 2.74 -0.44 | 34.40 2.85 -0.57 | 37.98 3.33 -0.67 | 41.26 3.03 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.48 2.83 0.00 | 32.85 2.46 0.00 | 29.04 2.52 -0.01 | 26.54 2.15 0.00 |
| PATROON___115KV_TB1 80586 | 24.23 0.40 0.00 | 23.06 0.30 0.00 | 19.41 0.42 0.00 | 19.07 0.39 0.00 | 18.81 0.39 0.00 | 19.95 0.41 0.00 | 21.83 0.49 0.00 | 21.93 0.62 0.00 | 22.75 0.64 0.00 | 21.87 0.45 0.00 | 23.96 0.43 0.16 | 24.41 0.57 0.12 | 25.69 0.53 0.29 | 27.82 0.58 0.39 | 31.07 0.59 0.50 | 34.19 0.78 0.58 | 38.77 0.54 0.06 | 42.80 0.96 0.00 | 39.93 1.01 0.00 | 37.39 1.05 0.00 | 34.70 1.04 0.00 | 31.18 0.79 0.00 | 27.18 0.66 0.00 | 24.93 0.54 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 24.66 0.83 0.00 | 23.50 0.73 0.00 | 19.70 0.70 0.00 | 19.39 0.71 0.00 | 19.12 0.70 0.00 | 20.29 0.74 0.00 | 22.17 0.83 0.00 | 22.19 0.87 0.00 | 23.01 0.91 0.00 | 22.13 0.71 0.00 | 24.30 0.74 0.13 | 24.75 0.89 0.09 | 26.14 0.91 0.23 | 28.29 0.97 0.30 | 31.67 1.08 0.39 | 34.79 1.26 0.46 | 39.46 1.26 0.09 | 43.60 1.76 0.00 | 40.71 1.79 0.00 | 38.19 1.85 0.00 | 35.40 1.75 0.00 | 31.82 1.43 0.00 | 27.74 1.22 0.00 | 25.42 1.02 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 24.35 0.52 0.00 | 22.84 0.07 0.00 | 19.49 0.49 0.00 | 18.92 0.24 0.00 | 18.83 0.41 0.00 | 20.07 0.53 0.00 | 21.81 0.47 0.00 | 21.83 0.51 0.00 | 22.55 0.44 0.00 | 21.87 0.45 0.00 | 24.55 0.85 0.00 | 24.98 1.03 0.00 | 26.72 1.27 0.00 | 29.29 1.66 0.00 | 34.05 3.07 0.00 | 36.84 2.85 0.00 | 40.88 2.30 -0.29 | 46.23 4.39 0.00 | 42.35 3.43 0.00 | 39.42 3.09 0.00 | 36.01 2.36 0.00 | 31.70 1.31 0.00 | 27.84 1.33 0.00 | 25.61 1.22 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 25.30 1.48 0.00 | 23.98 1.21 0.00 | 20.19 1.20 0.00 | 19.76 1.08 0.00 | 19.42 0.99 0.00 | 20.68 1.13 0.00 | 22.62 1.28 0.00 | 22.87 1.56 0.00 | 23.85 1.75 0.00 | 22.92 1.50 0.00 | 25.61 1.75 -0.16 | 26.12 1.94 -0.23 | 27.82 2.09 -0.29 | 30.33 2.32 -0.38 | 33.82 2.35 -0.49 | 37.31 2.75 -0.57 | 40.80 2.57 0.06 | 45.06 3.22 0.00 | 41.96 3.04 0.00 | 39.17 2.83 0.00 | 36.31 2.66 0.00 | 32.58 2.19 0.00 | 28.37 1.86 0.00 | 25.95 1.56 0.00 |
| PEEKSKILL___ 23653 | 24.99 1.17 0.00 | 23.70 0.93 0.00 | 19.96 0.97 0.00 | 19.63 0.95 0.00 | 19.31 0.88 0.00 | 20.48 0.94 0.00 | 22.45 1.11 0.00 | 22.70 1.38 0.00 | 23.70 1.59 0.00 | 22.81 1.39 0.00 | 25.46 1.59 -0.17 | 26.06 1.80 -0.31 | 27.62 1.86 -0.31 | 29.98 1.93 -0.42 | 33.47 1.95 -0.54 | 36.83 2.21 -0.63 | 40.26 2.03 0.06 | 44.48 2.64 0.00 | 41.22 2.30 0.00 | 38.48 2.14 0.00 | 35.74 2.09 0.00 | 32.09 1.70 0.00 | 28.03 1.51 0.00 | 25.71 1.32 0.00 |
| PGE MADISON___WINDPWR 24146 | 26.01 2.19 0.00 | 24.68 1.91 0.00 | 20.65 1.65 0.00 | 20.21 1.53 0.00 | 20.02 1.60 0.00 | 21.34 1.80 0.00 | 23.43 2.09 0.00 | 24.43 3.11 0.00 | 25.09 2.98 0.00 | 23.97 2.55 0.00 | 26.47 2.77 0.00 | 27.07 3.11 0.00 | 28.81 3.36 0.00 | 31.63 4.00 0.00 | 35.87 4.89 0.00 | 39.15 5.16 0.00 | 47.34 5.86 -3.19 | 46.90 5.06 0.00 | 43.83 4.90 0.00 | 41.27 4.94 0.00 | 38.09 4.44 0.00 | 33.94 3.55 0.00 | 29.38 2.86 0.00 | 26.71 2.32 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PIERCEFIELD___HYD 23852 | 22.89 -0.93 0.00 | 22.18 -0.59 0.00 | 18.24 -0.76 0.00 | 18.43 -0.24 0.00 | 18.20 -0.22 0.00 | 18.82 -0.72 0.00 | 20.53 -0.81 0.00 | 20.29 -1.02 0.00 | 20.89 -1.22 0.00 | 20.35 -1.07 0.00 | 22.46 -1.23 0.00 | 22.49 -1.46 0.00 | 23.90 -1.55 0.00 | 25.83 -1.80 0.00 | 28.72 -2.26 0.00 | 31.57 -2.41 0.00 | 36.91 -1.38 0.00 | 39.83 -2.01 0.00 | 37.05 -1.87 0.00 | 33.90 -2.43 0.00 | 31.47 -2.19 0.00 | 28.78 -1.61 0.00 | 25.22 -1.30 0.00 | 23.34 -1.05 0.00 |
| PINELAWN_CC_1 323563 | 26.05 2.22 -0.01 | 24.69 1.91 -0.01 | 20.79 1.79 -0.01 | 20.36 1.68 0.00 | 19.86 1.44 0.00 | 21.13 1.58 0.00 | 23.22 1.88 0.00 | 23.21 1.90 0.00 | 24.54 2.43 0.00 | 23.41 1.99 0.00 | 26.39 2.51 -0.18 | 27.31 2.80 -0.56 | 28.33 2.54 -0.33 | 30.00 1.93 -0.44 | 33.41 1.86 -0.57 | 36.80 2.14 -0.67 | 40.19 1.95 0.06 | 44.23 2.38 0.00 | 41.18 2.26 0.00 | 38.33 2.00 0.00 | 35.50 1.85 0.00 | 32.31 1.92 0.00 | 28.32 1.80 0.00 | 26.67 2.27 -0.01 |
| PJM_GEN_HTTP_PROXY 323702 | 25.23 1.41 0.00 | 23.93 1.16 0.00 | 20.14 1.14 0.00 | 19.80 1.12 0.00 | 19.45 1.03 0.00 | 20.68 1.13 0.00 | 22.73 1.39 0.00 | 23.06 1.75 0.00 | 24.14 2.03 0.00 | 23.22 1.80 0.00 | 25.94 2.06 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.50 2.43 -0.44 | 34.00 2.45 -0.57 | 35.66 2.79 1.11 | 42.58 2.57 -1.72 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.88 2.54 0.00 | 36.14 2.49 0.00 | 32.46 2.07 0.00 | 28.37 1.86 0.00 | 25.98 1.58 0.00 |
| PJM_GEN_KEystone 24065 | 24.42 0.60 0.00 | 23.09 0.32 0.00 | 19.55 0.55 0.00 | 19.14 0.47 0.00 | 18.92 0.50 0.00 | 20.11 0.57 0.00 | 21.94 0.60 0.00 | 22.08 0.77 0.00 | 22.90 0.79 0.00 | 22.11 0.69 0.00 | 24.69 0.90 -0.09 | 25.00 1.08 0.03 | 26.81 1.20 -0.17 | 29.26 1.41 -0.22 | 33.13 1.86 -0.29 | 34.52 1.97 1.44 | 41.93 1.72 -1.91 | 44.48 2.64 0.00 | 41.10 2.18 0.00 | 38.33 2.00 0.00 | 35.40 1.75 0.00 | 31.54 1.15 0.00 | 27.68 1.17 0.00 | 25.37 0.98 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 25.62 1.79 -0.01 | 24.30 1.53 -0.01 | 20.47 1.46 -0.01 | 20.06 1.38 0.00 | 19.60 1.18 0.00 | 20.85 1.31 0.00 | 22.90 1.56 0.00 | 22.91 1.60 0.00 | 24.18 2.08 0.00 | 23.11 1.69 0.00 | 26.01 2.13 -0.18 | 26.91 2.40 -0.56 | 28.00 2.21 -0.33 | 29.76 1.69 -0.44 | 33.16 1.61 -0.57 | 34.74 1.87 1.11 | 41.58 1.57 -1.72 | 43.81 1.97 0.00 | 40.75 1.83 0.00 | 37.93 1.60 0.00 | 35.20 1.55 0.00 | 31.97 1.58 0.00 | 28.00 1.48 0.00 | 26.28 1.88 -0.01 |
| PJM_GEN_VFT_PROXY 323633 | 25.18 1.36 0.00 | 23.84 1.07 0.00 | 20.10 1.10 0.00 | 19.76 1.08 0.00 | 19.42 0.99 0.00 | 20.64 1.09 0.00 | 22.66 1.32 0.00 | 23.04 1.73 0.00 | 24.09 1.99 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.12 2.34 -0.33 | 30.47 2.40 -0.44 | 34.00 2.45 -0.57 | 35.59 2.72 1.11 | 42.43 2.41 -1.72 | 45.06 3.22 0.00 | 41.57 2.65 0.00 | 38.73 2.40 0.00 | 36.04 2.39 0.00 | 32.43 2.04 0.00 | 28.34 1.83 0.00 | 25.95 1.56 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 24.27 0.45 0.00 | 23.45 0.68 0.00 | 19.36 0.36 0.00 | 19.20 0.52 0.00 | 18.94 0.52 0.00 | 19.99 0.45 0.00 | 21.89 0.55 0.00 | 21.40 0.09 0.00 | 22.17 0.07 0.00 | 21.59 0.17 0.00 | 23.91 0.21 0.00 | 23.93 -0.02 0.00 | 25.45 0.00 0.00 | 27.57 -0.06 0.00 | 30.76 -0.22 0.00 | 33.82 -0.17 0.00 | 38.71 0.42 0.00 | 41.17 -0.67 0.00 | 38.18 -0.74 0.00 | 36.23 -0.11 0.00 | 33.45 -0.20 0.00 | 30.33 -0.06 0.00 | 26.28 -0.24 0.00 | 24.71 0.32 0.00 |
| PLEASANTVLY___LBMP 24000 | 24.89 1.07 0.00 | 23.61 0.84 0.00 | 19.89 0.89 0.00 | 19.50 0.82 0.00 | 19.18 0.76 0.00 | 20.42 0.88 0.00 | 22.36 1.02 0.00 | 22.61 1.30 0.00 | 23.56 1.46 0.00 | 22.66 1.24 0.00 | 25.32 1.42 -0.21 | 25.83 1.60 -0.27 | 27.50 1.68 -0.37 | 29.89 1.77 -0.50 | 33.39 1.77 -0.64 | 36.84 2.11 -0.75 | 40.07 1.84 0.06 | 44.27 2.43 0.00 | 41.18 2.26 0.00 | 38.41 2.07 0.00 | 35.64 1.99 0.00 | 32.03 1.64 0.00 | 27.95 1.43 0.00 | 25.61 1.22 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 25.13 1.31 0.00 | 23.84 1.07 0.00 | 20.08 1.08 0.00 | 19.67 0.99 0.00 | 19.31 0.88 0.00 | 20.60 1.06 0.00 | 22.58 1.24 0.00 | 22.89 1.58 0.00 | 23.89 1.79 0.00 | 22.99 1.56 0.00 | 25.71 1.82 -0.19 | 26.41 2.01 -0.45 | 27.90 2.11 -0.33 | 30.31 2.24 -0.45 | 33.85 2.29 -0.57 | 37.34 2.68 -0.67 | 40.68 2.45 0.06 | 44.94 3.10 0.00 | 41.72 2.80 0.00 | 38.88 2.54 0.00 | 36.11 2.46 0.00 | 32.40 2.01 0.00 | 28.29 1.78 0.00 | 25.90 1.51 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 25.13 1.31 0.00 | 23.84 1.07 0.00 | 20.08 1.08 0.00 | 19.67 0.99 0.00 | 19.31 0.88 0.00 | 20.60 1.06 0.00 | 22.58 1.24 0.00 | 22.89 1.58 0.00 | 23.89 1.79 0.00 | 22.99 1.56 0.00 | 25.71 1.82 -0.19 | 26.41 2.01 -0.45 | 27.90 2.11 -0.33 | 30.31 2.24 -0.45 | 33.85 2.29 -0.57 | 37.34 2.68 -0.67 | 40.68 2.45 0.06 | 44.94 3.10 0.00 | 41.72 2.80 0.00 | 38.88 2.54 0.00 | 36.11 2.46 0.00 | 32.40 2.01 0.00 | 28.29 1.78 0.00 | 25.90 1.51 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 25.06 1.24 0.00 | 23.77 1.00 0.00 | 20.02 1.03 0.00 | 19.61 0.93 0.00 | 19.27 0.85 0.00 | 20.54 1.00 0.00 | 22.47 1.13 0.00 | 22.66 1.34 0.00 | 23.61 1.50 0.00 | 22.69 1.26 0.00 | 25.11 1.45 0.03 | 25.60 1.63 -0.01 | 27.13 1.73 0.06 | 29.43 1.88 0.07 | 32.77 1.89 0.09 | 36.15 2.28 0.11 | 40.30 2.07 0.06 | 44.52 2.68 0.00 | 41.49 2.57 0.00 | 38.73 2.40 0.00 | 35.97 2.32 0.00 | 32.24 1.85 0.00 | 28.13 1.62 0.00 | 25.76 1.37 0.00 |
| POLETTI____ 23519 | 25.23 1.41 0.00 | 23.91 1.14 0.00 | 20.16 1.16 0.00 | 19.72 1.05 0.00 | 19.34 0.92 0.00 | 20.66 1.11 0.00 | 22.68 1.34 0.00 | 23.06 1.75 0.00 | 24.09 1.99 0.00 | 23.18 1.76 0.00 | 25.89 2.01 -0.18 | 26.73 2.23 -0.54 | 28.12 2.34 -0.33 | 30.53 2.46 -0.44 | 34.03 2.48 -0.57 | 37.58 2.92 -0.67 | 40.84 2.60 0.06 | 45.15 3.31 0.00 | 41.88 2.96 0.00 | 38.91 2.58 0.00 | 36.18 2.52 0.00 | 32.49 2.10 0.00 | 28.45 1.94 0.00 | 26.00 1.61 0.00 |
| POMONA___ESR 323819 | 25.01 1.19 0.00 | 23.72 0.96 0.00 | 19.96 0.97 0.00 | 19.63 0.95 0.00 | 19.31 0.88 0.00 | 20.50 0.96 0.00 | 22.47 1.13 0.00 | 22.70 1.38 0.00 | 23.70 1.59 0.00 | 22.79 1.37 0.00 | 25.45 1.59 -0.16 | 26.24 1.80 -0.48 | 27.60 1.86 -0.29 | 29.95 1.93 -0.39 | 33.44 1.95 -0.50 | 36.78 2.21 -0.59 | 40.26 2.03 0.06 | 44.48 2.64 0.00 | 41.22 2.30 0.00 | 38.48 2.14 0.00 | 35.71 2.05 0.00 | 32.09 1.70 0.00 | 28.05 1.54 0.00 | 25.73 1.34 0.00 |
| PORT_JEFF_3 23555 | 26.19 2.36 -0.01 | 24.83 2.05 -0.01 | 20.90 1.90 -0.01 | 20.45 1.78 0.00 | 19.93 1.51 0.00 | 21.22 1.68 0.00 | 23.30 1.96 0.00 | 23.32 2.00 0.00 | 24.69 2.58 0.00 | 23.48 2.06 0.00 | 26.49 2.61 -0.18 | 27.46 2.95 -0.56 | 28.45 2.67 -0.33 | 29.98 1.90 -0.44 | 33.13 1.58 -0.57 | 36.45 1.80 -0.67 | 39.73 1.49 0.06 | 43.60 1.76 0.00 | 40.59 1.67 0.00 | 37.86 1.53 0.00 | 35.17 1.52 0.00 | 32.34 1.95 0.00 | 28.48 1.96 0.00 | 26.86 2.46 -0.01 |
| PORT_JEFF_4 23616 | 26.19 2.36 -0.01 | 24.83 2.05 -0.01 | 20.90 1.90 -0.01 | 20.45 1.78 0.00 | 19.93 1.51 0.00 | 21.22 1.68 0.00 | 23.30 1.96 0.00 | 23.32 2.00 0.00 | 24.69 2.58 0.00 | 23.48 2.06 0.00 | 26.49 2.61 -0.18 | 27.46 2.95 -0.56 | 28.45 2.67 -0.33 | 29.98 1.90 -0.44 | 33.13 1.58 -0.57 | 36.45 1.80 -0.67 | 39.73 1.49 0.06 | 43.60 1.76 0.00 | 40.59 1.67 0.00 | 37.86 1.53 0.00 | 35.17 1.52 0.00 | 32.34 1.95 0.00 | 28.48 1.96 0.00 | 26.86 2.46 -0.01 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PORT_JEFF_IC 23713 | 26.23 2.41 0.00 | 24.86 2.09 0.00 | 20.92 1.92 0.00 | 20.40 1.72 0.00 | 19.86 1.44 0.00 | 21.24 1.70 0.00 | 23.35 2.01 0.00 | 23.34 2.02 0.00 | 24.71 2.61 0.00 | 23.50 2.08 0.00 | 26.53 2.65 -0.18 | 27.51 2.99 -0.56 | 28.86 3.08 -0.33 | 30.61 2.54 -0.44 | 33.81 2.26 -0.57 | 37.44 2.79 -0.67 | 40.72 2.49 0.06 | 44.85 3.01 0.00 | 42.00 3.07 0.00 | 39.13 2.80 0.00 | 36.48 2.83 0.00 | 33.34 2.95 0.00 | 29.06 2.55 0.00 | 27.05 2.66 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 26.21 2.38 -0.01 | 24.85 2.07 -0.01 | 20.92 1.92 -0.01 | 20.49 1.81 0.00 | 19.99 1.57 0.00 | 21.26 1.72 0.00 | 23.35 2.01 0.00 | 23.36 2.05 0.00 | 24.73 2.63 0.00 | 23.56 2.14 0.00 | 26.56 2.68 -0.18 | 27.50 2.99 -0.56 | 28.48 2.70 -0.33 | 30.06 1.99 -0.44 | 33.44 1.89 -0.57 | 36.83 2.18 -0.67 | 40.26 2.03 0.06 | 44.31 2.47 0.00 | 41.18 2.26 0.00 | 38.37 2.03 0.00 | 35.54 1.88 0.00 | 32.36 1.97 0.00 | 28.40 1.88 0.00 | 26.81 2.42 -0.01 |
| PPL PILGRIM_ST_GT2 24217 | 26.21 2.38 -0.01 | 24.85 2.07 -0.01 | 20.92 1.92 -0.01 | 20.49 1.81 0.00 | 19.99 1.57 0.00 | 21.26 1.72 0.00 | 23.35 2.01 0.00 | 23.36 2.05 0.00 | 24.73 2.63 0.00 | 23.56 2.14 0.00 | 26.56 2.68 -0.18 | 27.50 2.99 -0.56 | 28.48 2.70 -0.33 | 30.06 1.99 -0.44 | 33.44 1.89 -0.57 | 36.83 2.18 -0.67 | 40.26 2.03 0.06 | 44.31 2.47 0.00 | 41.18 2.26 0.00 | 38.37 2.03 0.00 | 35.54 1.88 0.00 | 32.36 1.97 0.00 | 28.40 1.88 0.00 | 26.81 2.42 -0.01 |
| PPL_SHRM_GT3 24213 | 26.12 2.29 -0.01 | 24.76 1.98 -0.01 | 20.83 1.82 -0.01 | 20.38 1.70 0.00 | 19.84 1.42 0.00 | 21.13 1.58 0.00 | 23.20 1.86 0.00 | 23.21 1.90 0.00 | 24.60 2.50 0.00 | 23.37 1.95 0.00 | 26.39 2.51 -0.18 | 27.38 2.87 -0.56 | 28.35 2.57 -0.33 | 29.92 1.85 -0.44 | 33.19 1.64 -0.57 | 36.62 1.97 -0.67 | 40.03 1.80 0.06 | 44.10 2.26 0.00 | 41.06 2.14 0.00 | 38.19 1.85 0.00 | 35.37 1.72 0.00 | 32.31 1.92 0.00 | 28.29 1.78 0.00 | 26.69 2.29 -0.01 |
| PPL_SHRM_GT4 24214 | 26.12 2.29 -0.01 | 24.76 1.98 -0.01 | 20.83 1.82 -0.01 | 20.38 1.70 0.00 | 19.84 1.42 0.00 | 21.13 1.58 0.00 | 23.20 1.86 0.00 | 23.21 1.90 0.00 | 24.60 2.50 0.00 | 23.37 1.95 0.00 | 26.39 2.51 -0.18 | 27.38 2.87 -0.56 | 28.35 2.57 -0.33 | 29.92 1.85 -0.44 | 33.19 1.64 -0.57 | 36.62 1.97 -0.67 | 40.03 1.80 0.06 | 44.10 2.26 0.00 | 41.06 2.14 0.00 | 38.19 1.85 0.00 | 35.37 1.72 0.00 | 32.31 1.92 0.00 | 28.29 1.78 0.00 | 26.69 2.29 -0.01 |
| PROJECT___ORANGE 1 24174 | 23.94 0.12 0.00 | 22.75 -0.02 0.00 | 19.07 0.08 0.00 | 18.70 0.02 0.00 | 18.48 0.06 0.00 | 19.66 0.12 0.00 | 21.43 0.09 0.00 | 21.34 0.02 0.00 | 22.10 0.00 0.00 | 21.40 -0.02 0.00 | 23.70 0.00 0.00 | 24.07 0.12 0.00 | 25.65 0.20 0.00 | 27.88 0.25 0.00 | 31.44 0.46 0.00 | 34.36 0.37 0.00 | 38.76 0.38 -0.09 | 42.51 0.67 0.00 | 39.43 0.51 0.00 | 36.81 0.47 0.00 | 33.99 0.34 0.00 | 30.51 0.12 0.00 | 26.73 0.21 0.00 | 24.59 0.20 0.00 |
| PROJECT___ORANGE 2 24166 | 23.94 0.12 0.00 | 22.75 -0.02 0.00 | 19.07 0.08 0.00 | 18.70 0.02 0.00 | 18.48 0.06 0.00 | 19.66 0.12 0.00 | 21.43 0.09 0.00 | 21.34 0.02 0.00 | 22.10 0.00 0.00 | 21.40 -0.02 0.00 | 23.70 0.00 0.00 | 24.07 0.12 0.00 | 25.65 0.20 0.00 | 27.88 0.25 0.00 | 31.44 0.46 0.00 | 34.36 0.37 0.00 | 38.76 0.38 -0.09 | 42.51 0.67 0.00 | 39.43 0.51 0.00 | 36.81 0.47 0.00 | 33.99 0.34 0.00 | 30.51 0.12 0.00 | 26.73 0.21 0.00 | 24.59 0.20 0.00 |
| PUCKETT___SOLAR 323809 | 24.70 0.88 0.00 | 23.43 0.66 0.00 | 19.70 0.70 0.00 | 19.31 0.64 0.00 | 19.10 0.68 0.00 | 20.30 0.76 0.00 | 22.19 0.85 0.00 | 22.29 0.98 0.00 | 22.99 0.89 0.00 | 22.13 0.71 0.00 | 24.48 0.78 0.00 | 24.91 0.96 0.00 | 26.52 1.07 0.00 | 28.93 1.30 0.00 | 32.71 1.73 0.00 | 35.82 1.83 0.00 | 42.69 1.95 -2.44 | 44.31 2.47 0.00 | 41.22 2.30 0.00 | 38.66 2.33 0.00 | 35.71 2.05 0.00 | 31.91 1.52 0.00 | 27.87 1.35 0.00 | 25.49 1.10 0.00 |
| PYRITES___HYD 24023 | 23.16 -0.67 0.00 | 22.45 -0.32 0.00 | 18.45 -0.55 0.00 | 18.66 -0.02 0.00 | 18.44 0.02 0.00 | 19.07 -0.47 0.00 | 20.87 -0.47 0.00 | 20.65 -0.66 0.00 | 21.29 -0.82 0.00 | 20.71 -0.71 0.00 | 22.87 -0.83 0.00 | 22.88 -1.08 0.00 | 24.33 -1.12 0.00 | 26.33 -1.30 0.00 | 29.34 -1.64 0.00 | 32.19 -1.80 0.00 | 37.60 -0.69 0.00 | 40.59 -1.26 0.00 | 37.83 -1.09 0.00 | 34.63 -1.71 0.00 | 32.14 -1.51 0.00 | 29.36 -1.03 0.00 | 25.56 -0.95 0.00 | 23.59 -0.80 0.00 |
| QUAKERRD_115KV_BK1 80622 | 23.49 -0.33 0.00 | 22.22 -0.55 0.00 | 18.69 -0.30 0.00 | 18.28 -0.39 0.00 | 18.11 -0.31 0.00 | 19.33 -0.21 0.00 | 21.00 -0.34 0.00 | 20.95 -0.36 0.00 | 21.71 -0.40 0.00 | 20.99 -0.43 0.00 | 23.36 -0.33 0.00 | 23.81 -0.14 0.00 | 25.42 -0.03 0.00 | 27.68 0.06 0.00 | 31.72 0.74 0.00 | 34.53 0.54 0.00 | 39.42 0.96 -0.17 | 43.10 1.26 0.00 | 39.66 0.74 0.00 | 37.06 0.73 0.00 | 34.06 0.40 0.00 | 30.21 -0.18 0.00 | 26.46 -0.05 0.00 | 24.32 -0.07 0.00 |
| QUENSBRY_115KV_TB8 356137 | 24.97 1.14 0.00 | 23.77 1.00 0.00 | 19.85 0.85 0.00 | 19.50 0.82 0.00 | 19.23 0.81 0.00 | 20.50 0.96 0.00 | 22.45 1.11 0.00 | 22.49 1.17 0.00 | 23.36 1.26 0.00 | 22.34 0.92 0.00 | 24.43 0.92 0.19 | 24.98 1.17 0.14 | 26.41 1.30 0.34 | 28.23 1.05 0.45 | 31.58 1.18 0.58 | 34.61 1.29 0.67 | 39.34 1.11 0.06 | 43.77 1.92 0.00 | 40.95 2.02 0.00 | 38.88 2.54 0.00 | 36.04 2.39 0.00 | 32.52 2.13 0.00 | 28.24 1.72 0.00 | 25.83 1.44 0.00 |
| RAMAPO___LBMP 323565 | 24.89 1.07 0.00 | 23.61 0.84 0.00 | 19.89 0.89 0.00 | 19.48 0.80 0.00 | 19.14 0.72 0.00 | 20.42 0.88 0.00 | 22.36 1.02 0.00 | 22.61 1.30 0.00 | 23.59 1.48 0.00 | 22.71 1.29 0.00 | 25.33 1.47 -0.16 | 25.46 1.65 0.15 | 27.47 1.73 -0.29 | 29.87 1.85 -0.39 | 33.30 1.83 -0.50 | 36.74 2.18 -0.58 | 40.11 1.88 0.06 | 44.31 2.47 0.00 | 41.18 2.26 0.00 | 38.37 2.03 0.00 | 35.60 1.95 0.00 | 32.00 1.61 0.00 | 27.97 1.46 0.00 | 25.63 1.24 0.00 |
| RANKINE____ 23646 | 24.27 0.45 0.00 | 22.77 0.00 0.00 | 19.43 0.44 0.00 | 18.88 0.21 0.00 | 18.75 0.33 0.00 | 19.99 0.45 0.00 | 21.70 0.36 0.00 | 21.68 0.36 0.00 | 22.41 0.31 0.00 | 21.74 0.32 0.00 | 24.41 0.71 0.00 | 24.82 0.86 0.00 | 26.54 1.09 0.00 | 29.07 1.44 0.00 | 33.86 2.88 0.00 | 36.60 2.62 0.00 | 41.36 2.80 -0.28 | 45.94 4.10 0.00 | 42.11 3.19 0.00 | 39.20 2.87 0.00 | 35.87 2.22 0.00 | 31.48 1.09 0.00 | 27.71 1.19 0.00 | 25.49 1.10 0.00 |
| RAVENSWOOD_GT2_1 24244 | 25.28 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.59 2.51 -0.44 | 34.06 2.51 -0.57 | 37.61 2.96 -0.67 | 40.91 2.68 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.48 1.96 0.00 | 26.05 1.66 0.00 |
| RAVENSWOOD_GT2_2 24245 | 25.28 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.59 2.51 -0.44 | 34.06 2.51 -0.57 | 37.61 2.96 -0.67 | 40.91 2.68 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.48 1.96 0.00 | 26.05 1.66 0.00 |

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| RAVENSWOOD_GT2_3 24246 | 25.30 1.48 0.00 | 23.98 1.21 0.00 | 20.19 1.20 0.00 | 19.76 1.08 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.14 2.03 0.00 | 23.22 1.80 0.00 | 25.94 2.06 -0.18 | 26.77 2.28 -0.54 | 28.18 2.39 -0.33 | 30.59 2.51 -0.44 | 34.09 2.54 -0.57 | 37.64 2.99 -0.67 | 40.91 2.68 0.06 | 45.23 3.39 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.50 1.99 0.00 | 26.05 1.66 0.00 |
| RAVENSWOOD_GT2_4 24247 | 25.30 1.48 0.00 | 23.98 1.21 0.00 | 20.19 1.20 0.00 | 19.76 1.08 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.14 2.03 0.00 | 23.22 1.80 0.00 | 25.94 2.06 -0.18 | 26.77 2.28 -0.54 | 28.18 2.39 -0.33 | 30.59 2.51 -0.44 | 34.09 2.54 -0.57 | 37.64 2.99 -0.67 | 40.91 2.68 0.06 | 45.23 3.39 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.50 1.99 0.00 | 26.05 1.66 0.00 |
| RAVENSWOOD_GT3_1 24248 | 25.28 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.59 2.51 -0.44 | 34.09 2.54 -0.57 | 37.64 2.99 -0.67 | 40.91 2.68 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.48 1.96 0.00 | 26.05 1.66 0.00 |
| RAVENSWOOD_GT3_2 24249 | 25.28 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.59 2.51 -0.44 | 34.09 2.54 -0.57 | 37.64 2.99 -0.67 | 40.91 2.68 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.48 1.96 0.00 | 26.05 1.66 0.00 |
| RAVENSWOOD_GT3_3 24250 | 25.32 1.50 0.00 | 24.00 1.23 0.00 | 20.21 1.22 0.00 | 19.78 1.10 0.00 | 19.40 0.98 0.00 | 20.72 1.17 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.20 2.42 -0.33 | 30.61 2.54 -0.44 | 34.12 2.57 -0.57 | 37.71 3.06 -0.67 | 40.99 2.76 0.06 | 45.27 3.43 0.00 | 42.04 3.11 0.00 | 39.06 2.73 0.00 | 36.31 2.66 0.00 | 32.58 2.19 0.00 | 28.53 2.02 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD_GT3_4 24251 | 25.32 1.50 0.00 | 24.00 1.23 0.00 | 20.21 1.22 0.00 | 19.78 1.10 0.00 | 19.40 0.98 0.00 | 20.72 1.17 0.00 | 22.75 1.41 0.00 | 23.10 1.79 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.96 2.09 -0.18 | 26.80 2.30 -0.54 | 28.20 2.42 -0.33 | 30.61 2.54 -0.44 | 34.12 2.57 -0.57 | 37.71 3.06 -0.67 | 40.99 2.76 0.06 | 45.27 3.43 0.00 | 42.04 3.11 0.00 | 39.06 2.73 0.00 | 36.31 2.66 0.00 | 32.58 2.19 0.00 | 28.53 2.02 0.00 | 26.07 1.68 0.00 |
| RAVENSWOOD_GT_1 23729 | 25.40 1.57 -0.01 | 24.08 1.30 -0.01 | 20.28 1.27 -0.01 | 19.84 1.16 0.00 | 19.45 1.03 0.00 | 20.75 1.21 0.00 | 22.79 1.45 0.00 | 23.15 1.83 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.01 2.13 -0.18 | 26.85 2.35 -0.54 | 28.28 2.49 -0.33 | 30.70 2.62 -0.44 | 34.21 2.66 -0.57 | 37.78 3.13 -0.67 | 41.03 2.80 0.06 | 45.23 3.39 0.00 | 42.04 3.11 0.00 | 39.02 2.69 0.00 | 36.31 2.66 0.00 | 32.61 2.22 0.00 | 28.65 2.12 -0.01 | 26.15 1.76 0.00 |
| RAVENSWOOD_GT_10 24258 | 25.27 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.59 2.51 -0.44 | 34.06 2.51 -0.57 | 37.61 2.96 -0.67 | 40.91 2.68 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.48 1.96 0.00 | 26.05 1.66 0.00 |
| RAVENSWOOD_GT_11 24259 | 25.27 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.59 2.51 -0.44 | 34.06 2.51 -0.57 | 37.61 2.96 -0.67 | 40.91 2.68 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.48 1.96 0.00 | 26.05 1.66 0.00 |
| RAVENSWOOD_GT_4 24252 | 25.25 1.43 0.01 | 23.92 1.16 0.01 | 20.15 1.16 0.01 | 19.72 1.05 0.00 | 19.36 0.94 0.00 | 20.68 1.13 0.00 | 22.71 1.37 0.00 | 23.06 1.75 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.56 2.49 -0.44 | 34.06 2.51 -0.57 | 37.61 2.96 -0.67 | 40.88 2.64 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.45 1.94 0.01 | 26.03 1.63 0.00 |
| RAVENSWOOD_GT_5 24254 | 25.25 1.43 0.01 | 23.92 1.16 0.01 | 20.15 1.16 0.01 | 19.72 1.05 0.00 | 19.36 0.94 0.00 | 20.68 1.13 0.00 | 22.71 1.37 0.00 | 23.06 1.75 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.56 2.49 -0.44 | 34.06 2.51 -0.57 | 37.61 2.96 -0.67 | 40.88 2.64 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.45 1.94 0.01 | 26.03 1.63 0.00 |
| RAVENSWOOD_GT_6 24253 | 25.25 1.43 0.01 | 23.92 1.16 0.01 | 20.15 1.16 0.01 | 19.72 1.05 0.00 | 19.36 0.94 0.00 | 20.68 1.13 0.00 | 22.71 1.37 0.00 | 23.06 1.75 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.56 2.49 -0.44 | 34.06 2.51 -0.57 | 37.61 2.96 -0.67 | 40.88 2.64 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.45 1.94 0.01 | 26.03 1.63 0.00 |
| RAVENSWOOD_GT_7 24255 | 25.25 1.43 0.01 | 23.92 1.16 0.01 | 20.15 1.16 0.01 | 19.72 1.05 0.00 | 19.36 0.94 0.00 | 20.68 1.13 0.00 | 22.71 1.37 0.00 | 23.06 1.75 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.56 2.49 -0.44 | 34.06 2.51 -0.57 | 37.61 2.96 -0.67 | 40.88 2.64 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.45 1.94 0.01 | 26.03 1.63 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 25.27 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.59 2.51 -0.44 | 34.06 2.51 -0.57 | 37.61 2.96 -0.67 | 40.91 2.68 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.48 1.96 0.00 | 26.05 1.66 0.00 |
| RAVENSWOOD_GT_9 24257 | 25.27 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.08 1.77 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.75 2.25 -0.54 | 28.15 2.37 -0.33 | 30.59 2.51 -0.44 | 34.06 2.51 -0.57 | 37.61 2.96 -0.67 | 40.91 2.68 0.06 | 45.19 3.35 0.00 | 41.96 3.04 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.55 2.16 0.00 | 28.48 1.96 0.00 | 26.05 1.66 0.00 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD___1 23533 | 25.40 1.57 -0.01 | 24.07 1.30 -0.01 | 20.28 1.27 -0.01 | 19.91 1.23 0.00 | 19.55 1.12 0.00 | 20.75 1.21 0.00 | 22.77 1.43 0.00 | 23.10 1.79 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 25.99 2.11 -0.18 | 26.85 2.35 -0.54 | 28.25 2.47 -0.33 | 30.64 2.57 -0.44 | 34.15 2.60 -0.57 | 37.61 2.96 -0.67 | 40.91 2.68 0.06 | 45.27 3.43 0.00 | 41.80 2.88 0.00 | 38.91 2.58 0.00 | 36.28 2.63 0.00 | 32.52 2.13 0.00 | 28.54 2.01 -0.01 | 26.12 1.73 0.00 |
| RAVENSWOOD___2 23534 | 25.40 1.57 -0.01 | 24.07 1.30 -0.01 | 20.26 1.25 -0.01 | 19.91 1.23 0.00 | 19.55 1.12 0.00 | 20.74 1.19 0.00 | 22.77 1.43 0.00 | 23.10 1.79 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.25 2.47 -0.33 | 30.61 2.54 -0.44 | 34.15 2.60 -0.57 | 37.61 2.96 -0.67 | 40.91 2.68 0.06 | 45.27 3.43 0.00 | 41.76 2.84 0.00 | 38.91 2.58 0.00 | 36.24 2.59 0.00 | 32.52 2.13 0.00 | 28.54 2.01 -0.01 | 26.10 1.71 0.00 |
| RAVENSWOOD___3 23535 | 25.28 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.84 1.16 0.00 | 19.49 1.07 0.00 | 20.70 1.15 0.00 | 22.73 1.39 0.00 | 23.06 1.75 0.00 | 24.12 2.01 0.00 | 23.20 1.78 0.00 | 25.92 2.04 -0.18 | 26.78 2.28 -0.54 | 28.15 2.37 -0.33 | 30.50 2.43 -0.44 | 34.03 2.48 -0.57 | 37.47 2.82 -0.67 | 40.84 2.61 0.06 | 45.19 3.35 0.00 | 41.73 2.80 0.00 | 38.88 2.54 0.00 | 36.18 2.53 0.00 | 32.49 2.10 0.00 | 28.40 1.88 0.00 | 26.03 1.63 0.00 |
| RAVENSWOOD___4 23820 | 25.38 1.55 -0.01 | 24.05 1.27 -0.01 | 20.26 1.25 -0.01 | 19.89 1.21 0.00 | 19.55 1.12 0.00 | 20.74 1.19 0.00 | 22.77 1.43 0.00 | 23.10 1.79 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.25 2.47 -0.33 | 30.61 2.54 -0.44 | 34.12 2.57 -0.57 | 37.58 2.92 -0.67 | 40.91 2.68 0.06 | 45.23 3.39 0.00 | 41.76 2.84 0.00 | 38.88 2.54 0.00 | 36.24 2.59 0.00 | 32.52 2.13 0.00 | 28.54 2.01 -0.01 | 26.10 1.71 0.00 |
| RCPL_TRUST___DRP 24196 | 25.28 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 25.99 2.11 -0.18 | 26.80 2.30 -0.54 | 28.20 2.42 -0.33 | 30.61 2.54 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.99 2.76 0.06 | 45.31 3.47 0.00 | 42.04 3.11 0.00 | 39.06 2.73 0.00 | 36.28 2.62 0.00 | 32.58 2.19 0.00 | 28.48 1.96 0.00 | 26.05 1.66 0.00 |
| RED___ROCHESTER 323720 | 24.23 0.40 0.00 | 22.88 0.11 0.00 | 19.28 0.29 0.00 | 18.86 0.19 0.00 | 18.70 0.28 0.00 | 19.93 0.39 0.00 | 21.66 0.32 0.00 | 21.72 0.40 0.00 | 22.39 0.29 0.00 | 21.68 0.26 0.00 | 24.17 0.47 0.00 | 24.70 0.74 0.00 | 26.36 0.91 0.00 | 28.90 1.27 0.00 | 33.15 2.17 0.00 | 36.16 2.18 0.00 | 41.15 2.68 -0.18 | 45.06 3.22 0.00 | 41.53 2.61 0.00 | 38.81 2.47 0.00 | 35.67 2.02 0.00 | 31.48 1.09 0.00 | 27.58 1.06 0.00 | 25.27 0.88 0.00 |
| REGAN___SOLAR 323812 | 26.28 2.45 0.00 | 25.05 2.28 0.00 | 20.90 1.90 0.00 | 20.53 1.85 0.00 | 20.32 1.90 0.00 | 21.61 2.07 0.00 | 23.65 2.31 0.00 | 23.60 2.28 0.00 | 24.45 2.34 0.00 | 23.28 1.86 0.00 | 25.58 1.99 0.11 | 26.05 2.18 0.08 | 27.65 2.39 0.20 | 29.94 2.57 0.26 | 33.68 3.04 0.33 | 37.06 3.47 0.39 | 41.92 3.83 0.20 | 47.07 5.23 0.00 | 44.49 5.57 0.00 | 41.78 5.45 0.00 | 38.73 5.08 0.00 | 34.52 4.13 0.00 | 30.02 3.50 0.00 | 27.29 2.90 0.00 |
| RENSSELAER___COGEN 23796 | 24.08 0.26 0.00 | 22.95 0.18 0.00 | 19.32 0.32 0.00 | 19.05 0.37 0.00 | 18.77 0.35 0.00 | 19.85 0.31 0.00 | 21.72 0.38 0.00 | 21.80 0.49 0.00 | 22.61 0.51 0.00 | 21.76 0.34 0.00 | 23.84 0.31 0.16 | 24.29 0.45 0.12 | 25.55 0.38 0.28 | 27.64 0.39 0.38 | 30.83 0.34 0.49 | 33.89 0.48 0.57 | 38.54 0.30 0.05 | 42.47 0.63 0.00 | 39.62 0.70 0.00 | 37.10 0.76 0.00 | 34.43 0.77 0.00 | 30.97 0.58 0.00 | 26.97 0.45 0.00 | 24.78 0.39 0.00 |
| REPUBLIC_115KV_BARTNBK 55605 | 26.18 2.36 0.00 | 24.93 2.16 0.00 | 20.74 1.75 0.00 | 20.36 1.68 0.00 | 20.08 1.66 0.00 | 21.48 1.93 0.00 | 23.47 2.13 0.00 | 23.49 2.17 0.00 | 24.45 2.34 0.00 | 23.29 1.86 0.00 | 25.40 1.90 0.19 | 26.08 2.28 0.15 | 27.63 2.52 0.34 | 29.55 2.38 0.45 | 33.25 2.85 0.58 | 36.47 3.16 0.68 | 41.45 3.22 0.06 | 46.49 4.64 0.00 | 43.55 4.63 0.00 | 41.38 5.05 0.00 | 38.40 4.74 0.00 | 34.46 4.07 0.00 | 29.86 3.34 0.00 | 27.20 2.80 0.00 |
| REVERE_CPPR_DRP 24186 | 24.85 1.02 0.00 | 23.66 0.89 0.00 | 19.78 0.78 0.00 | 19.39 0.71 0.00 | 19.18 0.76 0.00 | 20.40 0.86 0.00 | 22.36 1.02 0.00 | 22.27 0.96 0.00 | 23.03 0.93 0.00 | 22.21 0.79 0.00 | 24.50 0.81 0.00 | 24.91 0.96 0.00 | 26.52 1.07 0.00 | 28.87 1.24 0.00 | 32.53 1.55 0.00 | 35.58 1.60 0.00 | 40.17 1.88 0.00 | 44.23 2.38 0.00 | 41.30 2.37 0.00 | 38.73 2.40 0.00 | 35.81 2.15 0.00 | 32.18 1.79 0.00 | 27.95 1.43 0.00 | 25.59 1.20 0.00 |
| REYNOLDS_115KV_TB3 80639 | 24.27 0.45 0.00 | 23.11 0.34 0.00 | 19.43 0.44 0.00 | 19.11 0.43 0.00 | 18.83 0.41 0.00 | 19.99 0.45 0.00 | 21.87 0.53 0.00 | 22.00 0.68 0.00 | 22.79 0.69 0.00 | 21.91 0.49 0.00 | 23.96 0.45 0.19 | 24.41 0.60 0.14 | 25.67 0.56 0.34 | 27.78 0.61 0.45 | 30.98 0.59 0.59 | 34.08 0.78 0.69 | 38.77 0.54 0.06 | 42.76 0.92 0.00 | 39.89 0.97 0.00 | 37.39 1.05 0.00 | 34.70 1.04 0.00 | 31.21 0.82 0.00 | 27.21 0.69 0.00 | 24.98 0.59 0.00 |
| RIVERBAY____ 323610 | 25.76 1.93 -0.01 | 24.39 1.62 -0.01 | 20.56 1.56 -0.01 | 20.12 1.44 -0.01 | 19.73 1.31 0.00 | 21.04 1.49 -0.01 | 23.03 1.69 0.00 | 23.30 1.98 0.00 | 24.27 2.17 0.00 | 23.35 1.93 0.00 | 26.08 2.20 -0.18 | 26.92 2.42 -0.54 | 28.40 2.62 -0.33 | 30.81 2.74 -0.44 | 34.40 2.85 -0.57 | 37.98 3.33 -0.67 | 41.26 3.03 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.48 2.83 0.00 | 32.85 2.46 0.00 | 29.04 2.52 -0.01 | 26.54 2.15 0.00 |
| RIVERSDE_115KV_TB3 55908 | 24.20 0.38 0.00 | 23.04 0.27 0.00 | 19.40 0.40 0.00 | 19.07 0.39 0.00 | 18.79 0.37 0.00 | 19.93 0.39 0.00 | 21.83 0.49 0.00 | 21.93 0.62 0.00 | 22.72 0.62 0.00 | 21.87 0.45 0.00 | 23.92 0.40 0.17 | 24.37 0.55 0.13 | 25.65 0.51 0.31 | 27.76 0.55 0.42 | 30.97 0.53 0.54 | 34.07 0.71 0.63 | 38.70 0.46 0.06 | 42.68 0.84 0.00 | 39.86 0.93 0.00 | 37.32 0.98 0.00 | 34.63 0.98 0.00 | 31.15 0.76 0.00 | 27.15 0.64 0.00 | 24.90 0.51 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 23.47 -0.36 0.00 | 22.56 -0.21 0.00 | 18.69 -0.30 0.00 | 18.38 -0.30 0.00 | 18.11 -0.31 0.00 | 19.23 -0.31 0.00 | 21.00 -0.34 0.00 | 20.93 -0.38 0.00 | 21.71 -0.40 0.00 | 21.14 -0.28 0.00 | 23.39 -0.31 0.00 | 23.50 -0.46 0.00 | 24.97 -0.48 0.00 | 27.08 -0.55 0.00 | 30.33 -0.65 0.00 | 33.31 -0.68 0.00 | 37.79 -0.50 0.00 | 41.00 -0.84 0.00 | 38.18 -0.74 0.00 | 35.50 -0.83 0.00 | 32.88 -0.77 0.00 | 29.81 -0.58 0.00 | 25.93 -0.58 0.00 | 23.81 -0.59 0.00 |
| ROCHESRG_115KV_T4 355643 | 23.97 0.14 0.00 | 22.65 -0.11 0.00 | 19.11 0.11 0.00 | 18.66 -0.02 0.00 | 18.50 0.07 0.00 | 19.74 0.20 0.00 | 21.45 0.11 0.00 | 21.38 0.06 0.00 | 22.13 0.02 0.00 | 21.42 0.00 0.00 | 23.88 0.19 0.00 | 24.34 0.38 0.00 | 25.98 0.53 0.00 | 28.32 0.69 0.00 | 32.59 1.61 0.00 | 35.38 1.39 0.00 | 40.50 2.03 -0.18 | 44.23 2.38 0.00 | 40.67 1.75 0.00 | 38.01 1.67 0.00 | 34.90 1.25 0.00 | 30.85 0.46 0.00 | 27.07 0.56 0.00 | 24.88 0.49 0.00 |

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| ROCHESTER_9_IC 23652 | 24.11 0.29 0.00 | 22.77 0.00 0.00 | 19.21 0.21 0.00 | 18.75 0.07 0.00 | 18.59 0.17 0.00 | 19.84 0.29 0.00 | 21.55 0.21 0.00 | 21.53 0.21 0.00 | 22.28 0.18 0.00 | 21.57 0.15 0.00 | 24.03 0.33 0.00 | 24.53 0.57 0.00 | 26.19 0.74 0.00 | 28.54 0.91 0.00 | 32.87 1.89 0.00 | 35.72 1.73 0.00 | 40.85 2.37 -0.18 | 44.64 2.80 0.00 | 41.02 2.10 0.00 | 38.33 2.00 0.00 | 35.20 1.55 0.00 | 31.09 0.70 0.00 | 27.26 0.74 0.00 | 25.05 0.66 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 25.25 1.43 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.71 1.37 0.00 | 23.04 1.73 0.00 | 24.09 1.99 0.00 | 23.18 1.76 0.00 | 25.92 2.04 -0.18 | 26.73 2.23 -0.54 | 28.12 2.34 -0.33 | 30.56 2.49 -0.44 | 34.09 2.54 -0.57 | 37.64 2.99 -0.67 | 40.99 2.76 0.06 | 45.27 3.43 0.00 | 42.04 3.11 0.00 | 39.13 2.80 0.00 | 36.34 2.69 0.00 | 32.61 2.22 0.00 | 28.45 1.94 0.00 | 26.03 1.63 0.00 |
| ROME____115KV_TB2 80656 | 24.85 1.02 0.00 | 23.66 0.89 0.00 | 19.78 0.78 0.00 | 19.39 0.71 0.00 | 19.18 0.76 0.00 | 20.40 0.86 0.00 | 22.36 1.02 0.00 | 22.27 0.96 0.00 | 23.03 0.93 0.00 | 22.21 0.79 0.00 | 24.50 0.81 0.00 | 24.91 0.96 0.00 | 26.52 1.07 0.00 | 28.87 1.24 0.00 | 32.53 1.55 0.00 | 35.58 1.60 0.00 | 40.17 1.88 0.00 | 44.23 2.38 0.00 | 41.30 2.37 0.00 | 38.73 2.40 0.00 | 35.81 2.15 0.00 | 32.18 1.79 0.00 | 27.95 1.43 0.00 | 25.59 1.20 0.00 |
| ROSETON____1 23587 | 24.85 1.02 0.00 | 23.59 0.82 0.00 | 19.87 0.87 0.00 | 19.54 0.86 0.00 | 19.23 0.81 0.00 | 20.38 0.84 0.00 | 22.34 1.00 0.00 | 22.55 1.24 0.00 | 23.52 1.42 0.00 | 22.64 1.22 0.00 | 25.23 1.37 -0.17 | 25.71 1.58 -0.18 | 27.38 1.63 -0.30 | 29.71 1.69 -0.40 | 33.16 1.67 -0.51 | 36.49 1.90 -0.60 | 40.00 1.76 0.06 | 44.14 2.30 0.00 | 40.94 2.02 0.00 | 38.26 1.92 0.00 | 35.54 1.88 0.00 | 31.91 1.52 0.00 | 27.84 1.33 0.00 | 25.56 1.17 0.00 |
| ROSETON____2 23588 | 24.85 1.02 0.00 | 23.59 0.82 0.00 | 19.87 0.87 0.00 | 19.54 0.86 0.00 | 19.23 0.81 0.00 | 20.38 0.84 0.00 | 22.34 1.00 0.00 | 22.55 1.24 0.00 | 23.52 1.42 0.00 | 22.64 1.22 0.00 | 25.23 1.37 -0.17 | 25.71 1.58 -0.18 | 27.38 1.63 -0.30 | 29.71 1.69 -0.40 | 33.16 1.67 -0.51 | 36.49 1.90 -0.60 | 40.00 1.76 0.06 | 44.14 2.30 0.00 | 40.94 2.02 0.00 | 38.26 1.92 0.00 | 35.54 1.88 0.00 | 31.91 1.52 0.00 | 27.84 1.33 0.00 | 25.56 1.17 0.00 |
| ROTTDAM_115KV_TB3 80664 | 24.47 0.64 0.00 | 23.29 0.52 0.00 | 19.53 0.53 0.00 | 19.18 0.50 0.00 | 18.92 0.50 0.00 | 20.09 0.55 0.00 | 21.96 0.62 0.00 | 22.02 0.70 0.00 | 22.86 0.75 0.00 | 22.00 0.58 0.00 | 24.18 0.62 0.13 | 24.60 0.74 0.10 | 26.00 0.79 0.24 | 28.11 0.80 0.32 | 31.44 0.87 0.41 | 34.56 1.05 0.48 | 39.14 0.92 0.07 | 43.18 1.34 0.00 | 40.25 1.32 0.00 | 37.71 1.38 0.00 | 34.96 1.31 0.00 | 31.45 1.06 0.00 | 27.42 0.90 0.00 | 25.17 0.78 0.00 |
| RUSSELL____1 23602 | 24.23 0.40 0.00 | 22.88 0.11 0.00 | 19.28 0.28 0.00 | 18.83 0.15 0.00 | 18.66 0.24 0.00 | 19.93 0.39 0.00 | 21.66 0.32 0.00 | 21.63 0.32 0.00 | 22.39 0.29 0.00 | 21.68 0.26 0.00 | 24.17 0.47 0.00 | 24.67 0.72 0.00 | 26.37 0.92 0.00 | 28.73 1.11 0.00 | 33.09 2.11 0.00 | 35.96 1.97 0.00 | 41.11 2.64 -0.18 | 45.02 3.18 0.00 | 41.33 2.41 0.00 | 38.62 2.29 0.00 | 35.44 1.78 0.00 | 31.30 0.91 0.00 | 27.42 0.90 0.00 | 25.17 0.78 0.00 |
| RUSSELL____2 23532 | 24.23 0.40 0.00 | 22.88 0.11 0.00 | 19.28 0.28 0.00 | 18.83 0.15 0.00 | 18.66 0.24 0.00 | 19.93 0.39 0.00 | 21.66 0.32 0.00 | 21.63 0.32 0.00 | 22.39 0.29 0.00 | 21.68 0.26 0.00 | 24.17 0.47 0.00 | 24.67 0.72 0.00 | 26.37 0.92 0.00 | 28.73 1.11 0.00 | 33.09 2.11 0.00 | 35.96 1.97 0.00 | 41.11 2.64 -0.18 | 45.02 3.18 0.00 | 41.33 2.41 0.00 | 38.62 2.29 0.00 | 35.44 1.78 0.00 | 31.30 0.91 0.00 | 27.42 0.90 0.00 | 25.17 0.78 0.00 |
| RUSSELL____3 23549 | 24.23 0.40 0.00 | 22.88 0.11 0.00 | 19.28 0.28 0.00 | 18.83 0.15 0.00 | 18.66 0.24 0.00 | 19.93 0.39 0.00 | 21.66 0.32 0.00 | 21.63 0.32 0.00 | 22.39 0.29 0.00 | 21.68 0.26 0.00 | 24.17 0.47 0.00 | 24.67 0.72 0.00 | 26.37 0.92 0.00 | 28.73 1.11 0.00 | 33.09 2.11 0.00 | 35.96 1.97 0.00 | 41.11 2.64 -0.18 | 45.02 3.18 0.00 | 41.33 2.41 0.00 | 38.62 2.29 0.00 | 35.44 1.78 0.00 | 31.30 0.91 0.00 | 27.42 0.90 0.00 | 25.17 0.78 0.00 |
| RUSSELL____4 23556 | 24.23 0.40 0.00 | 22.88 0.11 0.00 | 19.28 0.28 0.00 | 18.83 0.15 0.00 | 18.66 0.24 0.00 | 19.93 0.39 0.00 | 21.66 0.32 0.00 | 21.63 0.32 0.00 | 22.39 0.29 0.00 | 21.68 0.26 0.00 | 24.17 0.47 0.00 | 24.67 0.72 0.00 | 26.37 0.92 0.00 | 28.73 1.11 0.00 | 33.09 2.11 0.00 | 35.96 1.97 0.00 | 41.11 2.64 -0.18 | 45.02 3.18 0.00 | 41.33 2.41 0.00 | 38.62 2.29 0.00 | 35.44 1.78 0.00 | 31.30 0.91 0.00 | 27.42 0.90 0.00 | 25.17 0.78 0.00 |
| RUSSELL____STATION 23914 | 24.23 0.40 0.00 | 22.88 0.11 0.00 | 19.28 0.28 0.00 | 18.83 0.15 0.00 | 18.66 0.24 0.00 | 19.93 0.39 0.00 | 21.66 0.32 0.00 | 21.63 0.32 0.00 | 22.39 0.29 0.00 | 21.68 0.26 0.00 | 24.17 0.47 0.00 | 24.67 0.72 0.00 | 26.37 0.92 0.00 | 28.73 1.11 0.00 | 33.09 2.11 0.00 | 35.96 1.97 0.00 | 41.11 2.64 -0.18 | 45.02 3.18 0.00 | 41.33 2.41 0.00 | 38.62 2.29 0.00 | 35.44 1.78 0.00 | 31.30 0.91 0.00 | 27.42 0.90 0.00 | 25.17 0.78 0.00 |
| S SALMON____HYD 24043 | 23.87 0.05 0.00 | 22.70 -0.07 0.00 | 19.00 0.00 0.00 | 18.66 -0.02 0.00 | 18.44 0.02 0.00 | 19.62 0.08 0.00 | 21.40 0.06 0.00 | 21.27 -0.04 0.00 | 21.97 -0.13 0.00 | 21.23 -0.19 0.00 | 23.46 -0.24 0.00 | 23.84 -0.12 0.00 | 25.35 -0.10 0.00 | 27.60 -0.03 0.00 | 31.04 0.06 0.00 | 33.92 -0.07 0.00 | 38.25 -0.11 -0.07 | 41.84 0.00 0.00 | 39.00 0.08 0.00 | 36.59 0.26 0.00 | 33.86 0.20 0.00 | 30.45 0.06 0.00 | 26.68 0.16 0.00 | 24.49 0.10 0.00 |
| S.PERRY__115KV_TB1 80734 | 24.97 1.14 0.00 | 23.50 0.73 0.00 | 19.83 0.84 0.00 | 19.33 0.65 0.00 | 19.20 0.77 0.00 | 20.54 1.00 0.00 | 22.32 0.98 0.00 | 22.32 1.00 0.00 | 22.90 0.80 0.00 | 22.02 0.60 0.00 | 24.48 0.78 0.00 | 24.94 0.98 0.00 | 26.57 1.12 0.00 | 28.90 1.27 0.00 | 32.16 1.18 0.00 | 35.04 1.05 0.00 | 40.10 1.53 -0.28 | 44.23 2.38 0.00 | 41.06 2.14 0.00 | 38.77 2.43 0.00 | 35.64 1.99 0.00 | 31.39 1.00 0.00 | 28.43 1.91 0.00 | 25.95 1.56 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 24.01 0.19 0.00 | 22.54 -0.23 0.00 | 19.22 0.23 0.00 | 18.68 0.00 0.00 | 18.57 0.15 0.00 | 19.78 0.23 0.00 | 21.45 0.11 0.00 | 21.40 0.09 0.00 | 22.13 0.02 0.00 | 21.44 0.02 0.00 | 24.07 0.38 0.00 | 24.48 0.53 0.00 | 26.16 0.71 0.00 | 28.60 0.97 0.00 | 33.36 2.39 0.00 | 36.03 2.04 0.00 | 41.04 2.49 -0.26 | 45.27 3.43 0.00 | 41.45 2.53 0.00 | 38.66 2.33 0.00 | 35.37 1.72 0.00 | 31.03 0.64 0.00 | 27.34 0.82 0.00 | 25.17 0.78 0.00 |
| SAWYER____23_KV_LOAD 55526 | 24.01 0.19 0.00 | 22.54 -0.23 0.00 | 19.22 0.23 0.00 | 18.68 0.00 0.00 | 18.57 0.15 0.00 | 19.78 0.23 0.00 | 21.45 0.11 0.00 | 21.40 0.09 0.00 | 22.13 0.02 0.00 | 21.44 0.02 0.00 | 24.07 0.38 0.00 | 24.48 0.53 0.00 | 26.16 0.71 0.00 | 28.60 0.97 0.00 | 33.36 2.39 0.00 | 36.03 2.04 0.00 | 41.04 2.49 -0.26 | 45.27 3.43 0.00 | 41.45 2.53 0.00 | 38.66 2.33 0.00 | 35.37 1.72 0.00 | 31.03 0.64 0.00 | 27.34 0.82 0.00 | 25.17 0.78 0.00 |

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| SELKIRK___I 23801 | 24.35 0.52 0.00 | 23.18 0.41 0.00 | 19.49 0.49 0.00 | 19.20 0.52 0.00 | 18.94 0.52 0.00 | 20.03 0.49 0.00 | 21.89 0.55 0.00 | 21.91 0.60 0.00 | 22.68 0.57 0.00 | 21.79 0.36 0.00 | 23.90 0.31 0.10 | 24.32 0.43 0.06 | 25.68 0.41 0.18 | 27.81 0.42 0.23 | 31.08 0.40 0.30 | 34.21 0.58 0.35 | 38.74 0.50 0.05 | 42.76 0.92 0.00 | 39.93 1.01 0.00 | 37.42 1.09 0.00 | 34.70 1.04 0.00 | 31.24 0.85 0.00 | 27.23 0.72 0.00 | 25.02 0.63 0.00 |
| SELKIRK___II 23799 | 24.20 0.38 0.00 | 23.04 0.27 0.00 | 19.40 0.40 0.00 | 19.11 0.43 0.00 | 18.83 0.40 0.00 | 19.93 0.39 0.00 | 21.79 0.45 0.00 | 21.87 0.55 0.00 | 22.68 0.57 0.00 | 21.85 0.43 0.00 | 23.98 0.40 0.12 | 24.43 0.55 0.08 | 25.75 0.51 0.21 | 27.87 0.52 0.28 | 31.11 0.49 0.36 | 34.21 0.64 0.42 | 38.74 0.50 0.05 | 42.68 0.84 0.00 | 39.78 0.86 0.00 | 37.24 0.91 0.00 | 34.53 0.87 0.00 | 31.06 0.67 0.00 | 27.10 0.58 0.00 | 24.88 0.49 0.00 |
| SENECA OSWGO___HYD 24041 | 23.75 -0.07 0.00 | 22.56 -0.21 0.00 | 18.92 -0.08 0.00 | 18.58 -0.09 0.00 | 18.37 -0.06 0.00 | 19.50 -0.04 0.00 | 21.25 -0.09 0.00 | 21.12 -0.19 0.00 | 21.86 -0.24 0.00 | 21.14 -0.28 0.00 | 23.39 -0.31 0.00 | 23.76 -0.19 0.00 | 25.30 -0.15 0.00 | 27.52 -0.11 0.00 | 30.98 0.00 0.00 | 33.88 -0.10 0.00 | 38.22 -0.15 -0.08 | 41.88 0.04 0.00 | 38.92 0.00 0.00 | 36.41 0.07 0.00 | 33.65 0.00 0.00 | 30.24 -0.15 0.00 | 26.49 -0.03 0.00 | 24.37 -0.02 0.00 |
| SENECA___115KV_TB3 355854 | 24.30 0.48 0.00 | 22.79 0.02 0.00 | 19.45 0.46 0.00 | 18.90 0.22 0.00 | 18.79 0.37 0.00 | 20.01 0.47 0.00 | 21.72 0.38 0.00 | 21.72 0.40 0.00 | 22.46 0.35 0.00 | 21.79 0.36 0.00 | 24.45 0.76 0.00 | 24.86 0.91 0.00 | 26.60 1.15 0.00 | 29.12 1.49 0.00 | 33.92 2.94 0.00 | 36.67 2.68 0.00 | 41.48 2.91 -0.28 | 46.07 4.23 0.00 | 42.19 3.27 0.00 | 39.31 2.98 0.00 | 35.94 2.29 0.00 | 31.55 1.15 0.00 | 27.76 1.25 0.00 | 25.54 1.15 0.00 |
| SENECA___ENERGY 23797 | 24.08 0.26 0.00 | 22.79 0.02 0.00 | 19.17 0.17 0.00 | 18.79 0.11 0.00 | 18.61 0.18 0.00 | 19.82 0.27 0.00 | 21.60 0.26 0.00 | 21.59 0.28 0.00 | 22.28 0.18 0.00 | 21.55 0.13 0.00 | 23.91 0.21 0.00 | 24.34 0.38 0.00 | 25.93 0.48 0.00 | 28.32 0.69 0.00 | 32.13 1.15 0.00 | 35.11 1.12 0.00 | 39.65 1.19 -0.17 | 43.64 1.80 0.00 | 40.48 1.56 0.00 | 37.82 1.49 0.00 | 34.86 1.21 0.00 | 31.09 0.70 0.00 | 27.20 0.69 0.00 | 24.90 0.51 0.00 |
| SHOEMAKER___GT 23640 | 24.75 0.93 0.00 | 23.50 0.73 0.00 | 19.78 0.78 0.00 | 19.43 0.75 0.00 | 19.12 0.70 0.00 | 20.29 0.74 0.00 | 22.22 0.88 0.00 | 22.36 1.04 0.00 | 23.28 1.17 0.00 | 22.39 0.96 0.00 | 24.98 1.14 -0.14 | 25.24 1.29 0.01 | 27.06 1.35 -0.26 | 29.38 1.41 -0.34 | 32.85 1.43 -0.44 | 36.13 1.63 -0.52 | 39.76 1.53 0.06 | 43.85 2.01 0.00 | 40.71 1.79 0.00 | 38.04 1.71 0.00 | 35.33 1.68 0.00 | 31.73 1.34 0.00 | 27.71 1.19 0.00 | 25.44 1.05 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 24.75 0.93 0.00 | 23.50 0.73 0.00 | 19.76 0.76 0.00 | 19.35 0.67 0.00 | 19.05 0.63 0.00 | 20.29 0.74 0.00 | 22.21 0.87 0.00 | 22.38 1.07 0.00 | 23.30 1.19 0.00 | 22.41 0.99 0.00 | 25.00 1.16 -0.14 | 25.26 1.32 0.01 | 27.08 1.37 -0.25 | 29.46 1.49 -0.34 | 32.90 1.49 -0.44 | 36.26 1.77 -0.51 | 39.80 1.57 0.06 | 43.89 2.05 0.00 | 40.83 1.91 0.00 | 38.11 1.78 0.00 | 35.37 1.72 0.00 | 31.76 1.37 0.00 | 27.74 1.22 0.00 | 25.44 1.05 0.00 |
| SHOREHAM_IC_1 23715 | 26.12 2.29 -0.01 | 24.76 1.98 -0.01 | 20.83 1.82 -0.01 | 20.38 1.70 0.00 | 19.84 1.42 0.00 | 21.13 1.58 0.00 | 23.20 1.86 0.00 | 23.21 1.90 0.00 | 24.60 2.50 0.00 | 23.37 1.95 0.00 | 26.39 2.51 -0.18 | 27.38 2.87 -0.56 | 28.35 2.57 -0.33 | 29.92 1.85 -0.44 | 33.19 1.64 -0.57 | 36.62 1.97 -0.67 | 40.03 1.80 0.06 | 44.10 2.26 0.00 | 41.06 2.14 0.00 | 38.19 1.85 0.00 | 35.37 1.72 0.00 | 32.31 1.92 0.00 | 28.29 1.78 0.00 | 26.69 2.29 -0.01 |
| SHOREHAM_IC_2 23716 | 26.12 2.29 -0.01 | 24.76 1.98 -0.01 | 20.83 1.82 -0.01 | 20.38 1.70 0.00 | 19.84 1.42 0.00 | 21.13 1.58 0.00 | 23.20 1.86 0.00 | 23.21 1.90 0.00 | 24.60 2.50 0.00 | 23.37 1.95 0.00 | 26.39 2.51 -0.18 | 27.38 2.87 -0.56 | 28.35 2.57 -0.33 | 29.92 1.85 -0.44 | 33.19 1.64 -0.57 | 36.62 1.97 -0.67 | 40.03 1.80 0.06 | 44.10 2.26 0.00 | 41.06 2.14 0.00 | 38.19 1.85 0.00 | 35.37 1.72 0.00 | 32.31 1.92 0.00 | 28.29 1.78 0.00 | 26.69 2.29 -0.01 |
| SISSONVILLE____ 23735 | 22.89 -0.93 0.00 | 22.18 -0.59 0.00 | 18.24 -0.76 0.00 | 18.43 -0.24 0.00 | 18.20 -0.22 0.00 | 18.82 -0.72 0.00 | 20.53 -0.81 0.00 | 20.29 -1.02 0.00 | 20.89 -1.22 0.00 | 20.35 -1.07 0.00 | 22.46 -1.23 0.00 | 22.49 -1.46 0.00 | 23.90 -1.55 0.00 | 25.83 -1.80 0.00 | 28.72 -2.26 0.00 | 31.57 -2.41 0.00 | 36.91 -1.38 0.00 | 39.83 -2.01 0.00 | 37.05 -1.87 0.00 | 33.90 -2.43 0.00 | 31.47 -2.19 0.00 | 28.78 -1.61 0.00 | 25.22 -1.30 0.00 | 23.34 -1.05 0.00 |
| SITHE_IND_GS1 24169 | 23.42 -0.41 0.00 | 22.29 -0.48 0.00 | 18.67 -0.32 0.00 | 18.34 -0.34 0.00 | 18.11 -0.31 0.00 | 19.23 -0.31 0.00 | 20.93 -0.41 0.00 | 20.74 -0.57 0.00 | 21.46 -0.64 0.00 | 20.78 -0.64 0.00 | 22.98 -0.71 0.00 | 23.33 -0.62 0.00 | 24.81 -0.64 0.00 | 26.99 -0.63 0.00 | 30.39 -0.59 0.00 | 33.27 -0.72 0.00 | 37.55 -0.81 -0.06 | 41.09 -0.75 0.00 | 38.18 -0.74 0.00 | 35.68 -0.65 0.00 | 32.98 -0.67 0.00 | 29.66 -0.73 0.00 | 25.96 -0.56 0.00 | 23.95 -0.44 0.00 |
| SITHE_IND_GS2 24170 | 23.42 -0.41 0.00 | 22.29 -0.48 0.00 | 18.67 -0.32 0.00 | 18.34 -0.34 0.00 | 18.11 -0.31 0.00 | 19.23 -0.31 0.00 | 20.93 -0.41 0.00 | 20.74 -0.57 0.00 | 21.46 -0.64 0.00 | 20.78 -0.64 0.00 | 22.98 -0.71 0.00 | 23.33 -0.62 0.00 | 24.81 -0.64 0.00 | 26.99 -0.63 0.00 | 30.39 -0.59 0.00 | 33.27 -0.72 0.00 | 37.55 -0.81 -0.06 | 41.09 -0.75 0.00 | 38.18 -0.74 0.00 | 35.68 -0.65 0.00 | 32.98 -0.67 0.00 | 29.66 -0.73 0.00 | 25.96 -0.56 0.00 | 23.95 -0.44 0.00 |
| SITHE_IND_GS3 24171 | 23.42 -0.41 0.00 | 22.29 -0.48 0.00 | 18.67 -0.32 0.00 | 18.34 -0.34 0.00 | 18.11 -0.31 0.00 | 19.23 -0.31 0.00 | 20.93 -0.41 0.00 | 20.74 -0.57 0.00 | 21.46 -0.64 0.00 | 20.78 -0.64 0.00 | 22.98 -0.71 0.00 | 23.33 -0.62 0.00 | 24.81 -0.64 0.00 | 26.99 -0.63 0.00 | 30.39 -0.59 0.00 | 33.27 -0.72 0.00 | 37.55 -0.81 -0.06 | 41.09 -0.75 0.00 | 38.18 -0.74 0.00 | 35.68 -0.65 0.00 | 32.98 -0.67 0.00 | 29.66 -0.73 0.00 | 25.96 -0.56 0.00 | 23.95 -0.44 0.00 |
| SITHE_IND_GS4 24172 | 23.42 -0.41 0.00 | 22.29 -0.48 0.00 | 18.67 -0.32 0.00 | 18.34 -0.34 0.00 | 18.11 -0.31 0.00 | 19.23 -0.31 0.00 | 20.93 -0.41 0.00 | 20.74 -0.57 0.00 | 21.46 -0.64 0.00 | 20.78 -0.64 0.00 | 22.98 -0.71 0.00 | 23.33 -0.62 0.00 | 24.81 -0.64 0.00 | 26.99 -0.63 0.00 | 30.39 -0.59 0.00 | 33.27 -0.72 0.00 | 37.55 -0.81 -0.06 | 41.09 -0.75 0.00 | 38.18 -0.74 0.00 | 35.68 -0.65 0.00 | 32.98 -0.67 0.00 | 29.66 -0.73 0.00 | 25.96 -0.56 0.00 | 23.95 -0.44 0.00 |
| SITHE___BATAVIA 24024 | 24.49 0.67 0.00 | 23.02 0.25 0.00 | 19.53 0.53 0.00 | 19.05 0.37 0.00 | 18.92 0.50 0.00 | 20.03 0.49 0.00 | 21.72 0.38 0.00 | 21.85 0.53 0.00 | 22.44 0.33 0.00 | 21.68 0.26 0.00 | 24.34 0.64 0.00 | 24.82 0.86 0.00 | 26.52 1.07 0.00 | 29.20 1.57 0.00 | 33.95 2.97 0.00 | 36.87 2.89 0.00 | 41.75 3.22 -0.24 | 46.36 4.52 0.00 | 42.74 3.82 0.00 | 39.93 3.60 0.00 | 36.61 2.96 0.00 | 32.12 1.73 0.00 | 28.13 1.62 0.00 | 25.76 1.37 0.00 |

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| SITHE___INDEPEND 23800 | 23.42 -0.40 0.00 | 22.29 -0.48 0.00 | 18.67 -0.32 0.00 | 18.32 -0.35 0.00 | 18.09 -0.33 0.00 | 19.23 -0.31 0.00 | 20.93 -0.41 0.00 | 20.72 -0.60 0.00 | 21.46 -0.64 0.00 | 20.78 -0.64 0.00 | 22.98 -0.71 0.00 | 23.33 -0.62 0.00 | 24.81 -0.64 0.00 | 26.97 -0.66 0.00 | 30.36 -0.62 0.00 | 33.24 -0.75 0.00 | 37.55 -0.80 -0.06 | 41.09 -0.75 0.00 | 38.14 -0.78 0.00 | 35.64 -0.69 0.00 | 32.95 -0.71 0.00 | 29.63 -0.76 0.00 | 25.93 -0.58 0.00 | 23.93 -0.46 0.00 |
| SITHE___MASSENA 23902 | 23.11 -0.71 0.00 | 22.36 -0.41 0.00 | 18.41 -0.59 0.00 | 18.08 -0.60 0.00 | 17.83 -0.59 0.00 | 18.96 -0.59 0.00 | 20.72 -0.62 0.00 | 20.61 -0.70 0.00 | 21.31 -0.79 0.00 | 20.78 -0.64 0.00 | 22.98 -0.71 0.00 | 23.00 -0.96 0.00 | 24.43 -1.02 0.00 | 26.47 -1.16 0.00 | 29.59 -1.39 0.00 | 32.53 -1.46 0.00 | 37.76 -0.54 0.00 | 40.80 -1.04 0.00 | 37.99 -0.93 0.00 | 34.66 -1.67 0.00 | 32.14 -1.51 0.00 | 29.30 -1.09 0.00 | 25.56 -0.95 0.00 | 23.54 -0.85 0.00 |
| SITHE___OGDNSBRG 24021 | 23.18 -0.64 0.00 | 22.47 -0.30 0.00 | 18.46 -0.53 0.00 | 18.66 -0.02 0.00 | 18.42 0.00 0.00 | 19.07 -0.47 0.00 | 20.85 -0.49 0.00 | 20.70 -0.62 0.00 | 21.33 -0.77 0.00 | 20.78 -0.64 0.00 | 22.94 -0.76 0.00 | 22.95 -1.01 0.00 | 24.38 -1.07 0.00 | 26.41 -1.22 0.00 | 29.40 -1.58 0.00 | 32.29 -1.70 0.00 | 37.76 -0.54 0.00 | 40.75 -1.09 0.00 | 37.95 -0.97 0.00 | 34.74 -1.60 0.00 | 32.27 -1.38 0.00 | 29.45 -0.94 0.00 | 25.64 -0.88 0.00 | 23.63 -0.76 0.00 |
| SITHE___STERLING 23777 | 24.68 0.86 0.00 | 23.48 0.71 0.00 | 19.64 0.65 0.00 | 19.27 0.60 0.00 | 19.07 0.64 0.00 | 20.27 0.72 0.00 | 22.17 0.83 0.00 | 22.12 0.81 0.00 | 22.88 0.77 0.00 | 22.06 0.64 0.00 | 24.38 0.69 0.00 | 24.79 0.84 0.00 | 26.36 0.91 0.00 | 28.70 1.08 0.00 | 32.34 1.36 0.00 | 35.41 1.43 0.00 | 39.96 1.61 -0.06 | 43.93 2.09 0.00 | 40.94 2.02 0.00 | 38.37 2.03 0.00 | 35.50 1.85 0.00 | 31.88 1.49 0.00 | 27.76 1.25 0.00 | 25.42 1.02 0.00 |
| SLEIGHT___34_KV_TB1 80719 | 23.89 0.07 0.00 | 22.61 -0.16 0.00 | 19.02 0.02 0.00 | 18.58 -0.09 0.00 | 18.42 0.00 0.00 | 19.66 0.12 0.00 | 21.40 0.06 0.00 | 21.36 0.04 0.00 | 22.10 0.00 0.00 | 21.40 -0.02 0.00 | 23.77 0.07 0.00 | 24.24 0.29 0.00 | 25.88 0.43 0.00 | 28.18 0.55 0.00 | 32.22 1.24 0.00 | 35.14 1.16 0.00 | 39.99 1.53 -0.16 | 43.81 1.97 0.00 | 40.36 1.44 0.00 | 37.71 1.38 0.00 | 34.70 1.04 0.00 | 30.79 0.40 0.00 | 26.97 0.45 0.00 | 24.71 0.32 0.00 |
| SOUTH CAIRO___GT 23612 | 24.87 1.05 0.00 | 23.66 0.89 0.00 | 19.89 0.89 0.00 | 19.54 0.86 0.00 | 19.23 0.81 0.00 | 20.40 0.86 0.00 | 22.39 1.05 0.00 | 22.25 0.94 0.00 | 22.99 0.88 0.00 | 21.96 0.54 0.00 | 24.25 0.62 0.06 | 24.68 0.77 0.04 | 26.12 0.79 0.12 | 28.41 0.94 0.16 | 31.80 1.02 0.20 | 35.11 1.36 0.23 | 39.35 1.11 0.05 | 43.68 1.84 0.00 | 40.91 1.99 0.00 | 38.55 2.22 0.00 | 35.81 2.15 0.00 | 32.03 1.64 0.00 | 27.84 1.33 0.00 | 25.46 1.07 0.00 |
| SOUTH HAMPTN___IC 23720 | 26.62 2.79 -0.01 | 25.21 2.44 -0.01 | 21.23 2.22 -0.01 | 20.75 2.07 0.00 | 20.21 1.79 0.00 | 21.50 1.95 0.00 | 23.60 2.26 0.00 | 23.62 2.30 0.00 | 25.11 3.01 0.00 | 23.86 2.44 0.00 | 26.98 3.10 -0.18 | 28.01 3.50 -0.56 | 29.02 3.23 -0.33 | 30.61 2.54 -0.44 | 34.03 2.48 -0.57 | 37.54 2.89 -0.67 | 41.07 2.83 0.06 | 45.19 3.35 0.00 | 42.07 3.15 0.00 | 39.09 2.76 0.00 | 36.14 2.49 0.00 | 33.00 2.61 0.00 | 28.80 2.28 0.00 | 27.15 2.76 -0.01 |
| SOUTHDOW_115KV_TB1 355954 | 25.18 1.36 0.00 | 23.54 0.77 0.00 | 20.14 1.14 0.00 | 19.52 0.84 0.00 | 19.42 0.99 0.00 | 20.74 1.19 0.00 | 22.60 1.26 0.00 | 22.83 1.51 0.00 | 23.56 1.46 0.00 | 22.92 1.50 0.00 | 25.80 2.11 0.00 | 26.28 2.32 0.00 | 28.61 3.16 0.00 | 31.44 3.81 0.00 | 36.40 5.42 0.00 | 39.39 5.40 0.00 | 43.84 5.25 -0.31 | 47.99 6.15 0.00 | 44.10 5.18 0.00 | 41.02 4.69 0.00 | 37.46 3.80 0.00 | 32.94 2.55 0.00 | 28.85 2.33 0.00 | 26.37 1.98 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 27.16 3.34 0.00 | 25.73 2.96 0.00 | 21.64 2.64 0.00 | 21.09 2.41 0.00 | 20.49 2.06 0.00 | 21.91 2.36 0.00 | 24.05 2.71 0.00 | 24.08 2.77 0.00 | 25.64 3.54 0.00 | 24.38 2.96 0.00 | 27.60 3.72 -0.18 | 28.68 4.17 -0.56 | 30.08 4.30 -0.33 | 31.91 3.84 -0.44 | 35.42 3.87 -0.57 | 39.24 4.59 -0.67 | 43.02 4.79 0.06 | 47.57 5.73 0.00 | 44.57 5.64 0.00 | 41.28 4.94 0.00 | 38.13 4.48 0.00 | 34.71 4.32 0.00 | 29.91 3.39 0.00 | 27.83 3.44 0.00 |
| SOUTHOLD___IC 23719 | 27.16 3.33 -0.01 | 25.74 2.96 -0.01 | 21.64 2.64 -0.01 | 21.16 2.48 0.00 | 20.58 2.15 0.00 | 21.91 2.36 0.00 | 24.05 2.71 0.00 | 24.08 2.77 0.00 | 25.64 3.54 0.00 | 24.38 2.96 0.00 | 27.60 3.72 -0.18 | 28.68 4.17 -0.56 | 29.70 3.92 -0.33 | 31.33 3.26 -0.44 | 34.87 3.32 -0.57 | 38.46 3.81 -0.67 | 42.14 3.91 0.06 | 46.40 4.56 0.00 | 43.20 4.28 0.00 | 40.11 3.78 0.00 | 36.98 3.33 0.00 | 33.76 3.37 0.00 | 29.35 2.84 0.00 | 27.67 3.27 -0.01 |
| SOUTH_FORK_WT_PWR 323839 | 27.24 3.41 -0.01 | 25.83 3.05 -0.01 | 21.72 2.72 -0.01 | 21.24 2.56 0.00 | 20.65 2.23 0.00 | 21.97 2.42 0.00 | 24.11 2.77 0.00 | 24.17 2.86 0.00 | 25.73 3.63 0.00 | 24.46 3.04 0.00 | 27.70 3.82 -0.18 | 28.80 4.29 -0.56 | 29.80 4.02 -0.33 | 31.44 3.37 -0.44 | 34.99 3.44 -0.57 | 38.59 3.94 -0.67 | 42.29 4.06 0.06 | 46.57 4.73 0.00 | 43.32 4.40 0.00 | 40.22 3.89 0.00 | 37.09 3.43 0.00 | 33.85 3.46 0.00 | 29.43 2.92 0.00 | 27.74 3.34 -0.01 |
| SPIERFLS_115KV_TB 1 80737 | 24.82 1.00 0.00 | 23.63 0.87 0.00 | 19.74 0.74 0.00 | 19.39 0.71 0.00 | 19.12 0.70 0.00 | 20.36 0.82 0.00 | 22.30 0.96 0.00 | 22.34 1.02 0.00 | 23.21 1.11 0.00 | 22.21 0.79 0.00 | 24.29 0.78 0.18 | 24.84 1.03 0.14 | 26.24 1.12 0.33 | 28.01 0.83 0.44 | 31.34 0.93 0.57 | 34.31 0.99 0.67 | 39.03 0.80 0.06 | 43.39 1.55 0.00 | 40.56 1.63 0.00 | 38.51 2.18 0.00 | 35.74 2.09 0.00 | 32.24 1.85 0.00 | 28.03 1.51 0.00 | 25.66 1.27 0.00 |
| ST LAWRENCE____ 23600 | 23.13 -0.69 0.00 | 22.36 -0.41 0.00 | 18.41 -0.59 0.00 | 18.10 -0.58 0.00 | 17.85 -0.57 0.00 | 18.96 -0.59 0.00 | 20.70 -0.64 0.00 | 20.63 -0.68 0.00 | 21.38 -0.73 0.00 | 20.86 -0.56 0.00 | 23.08 -0.62 0.00 | 23.09 -0.86 0.00 | 24.53 -0.92 0.00 | 26.61 -1.02 0.00 | 29.74 -1.24 0.00 | 32.70 -1.29 0.00 | 37.34 -0.96 0.00 | 40.29 -1.55 0.00 | 37.52 -1.40 0.00 | 34.74 -1.60 0.00 | 32.21 -1.45 0.00 | 29.36 -1.03 0.00 | 25.56 -0.95 0.00 | 23.56 -0.83 0.00 |
| STATE_CA_115KV_115_LB 55624 | 24.23 0.40 0.00 | 23.06 0.30 0.00 | 19.41 0.42 0.00 | 19.09 0.41 0.00 | 18.81 0.39 0.00 | 19.95 0.41 0.00 | 21.85 0.51 0.00 | 21.95 0.64 0.00 | 22.75 0.64 0.00 | 21.89 0.47 0.00 | 23.96 0.43 0.16 | 24.41 0.57 0.12 | 25.72 0.56 0.29 | 27.82 0.58 0.39 | 31.07 0.59 0.50 | 34.19 0.78 0.58 | 38.77 0.54 0.06 | 42.80 0.96 0.00 | 39.93 1.01 0.00 | 37.39 1.05 0.00 | 34.70 1.04 0.00 | 31.18 0.79 0.00 | 27.18 0.66 0.00 | 24.93 0.54 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 24.20 0.38 0.00 | 22.95 0.18 0.00 | 19.24 0.25 0.00 | 18.86 0.19 0.00 | 18.66 0.24 0.00 | 19.88 0.33 0.00 | 21.66 0.32 0.00 | 21.57 0.26 0.00 | 22.33 0.22 0.00 | 21.61 0.19 0.00 | 23.93 0.24 0.00 | 24.34 0.38 0.00 | 25.96 0.51 0.00 | 28.24 0.61 0.00 | 32.00 1.02 0.00 | 35.01 1.02 0.00 | 39.59 1.15 -0.15 | 43.56 1.72 0.00 | 40.32 1.40 0.00 | 37.64 1.31 0.00 | 34.76 1.11 0.00 | 31.06 0.67 0.00 | 27.18 0.66 0.00 | 24.90 0.51 0.00 |

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| STATION 5_MISC_HYD 23604 | 24.11 0.29 0.00 | 22.77 0.00 0.00 | 19.21 0.21 0.00 | 18.79 0.11 0.00 | 18.63 0.20 0.00 | 19.84 0.29 0.00 | 21.55 0.21 0.00 | 21.61 0.30 0.00 | 22.28 0.18 0.00 | 21.57 0.15 0.00 | 24.03 0.33 0.00 | 24.55 0.60 0.00 | 26.19 0.74 0.00 | 28.70 1.08 0.00 | 32.90 1.92 0.00 | 35.89 1.90 0.00 | 40.85 2.37 -0.18 | 44.69 2.85 0.00 | 41.22 2.30 0.00 | 38.51 2.18 0.00 | 35.40 1.75 0.00 | 31.27 0.88 0.00 | 27.42 0.90 0.00 | 25.12 0.73 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 24.23 0.40 0.00 | 22.91 0.14 0.00 | 19.26 0.27 0.00 | 18.83 0.15 0.00 | 18.66 0.24 0.00 | 19.91 0.37 0.00 | 21.68 0.34 0.00 | 21.68 0.36 0.00 | 22.44 0.33 0.00 | 21.70 0.28 0.00 | 24.12 0.43 0.00 | 24.60 0.65 0.00 | 26.26 0.81 0.00 | 28.62 0.99 0.00 | 32.75 1.77 0.00 | 35.69 1.70 0.00 | 40.65 2.18 -0.17 | 44.60 2.76 0.00 | 41.06 2.14 0.00 | 38.37 2.03 0.00 | 35.23 1.58 0.00 | 31.27 0.88 0.00 | 27.36 0.85 0.00 | 25.07 0.68 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 23.97 0.14 0.00 | 22.65 -0.11 0.00 | 19.09 0.09 0.00 | 18.64 -0.04 0.00 | 18.48 0.06 0.00 | 19.72 0.18 0.00 | 21.45 0.11 0.00 | 21.42 0.11 0.00 | 22.17 0.07 0.00 | 21.46 0.04 0.00 | 23.91 0.21 0.00 | 24.41 0.46 0.00 | 26.06 0.61 0.00 | 28.40 0.77 0.00 | 32.65 1.67 0.00 | 35.48 1.50 0.00 | 40.57 2.11 -0.18 | 44.35 2.51 0.00 | 40.75 1.83 0.00 | 38.08 1.74 0.00 | 34.96 1.31 0.00 | 30.91 0.52 0.00 | 27.07 0.56 0.00 | 24.85 0.46 0.00 |
| STA_56____34_KV_BUS2 355983 | 23.97 0.14 0.00 | 22.65 -0.11 0.00 | 19.09 0.09 0.00 | 18.64 -0.04 0.00 | 18.48 0.06 0.00 | 19.72 0.18 0.00 | 21.45 0.11 0.00 | 21.42 0.11 0.00 | 22.17 0.07 0.00 | 21.46 0.04 0.00 | 23.91 0.21 0.00 | 24.41 0.46 0.00 | 26.06 0.61 0.00 | 28.40 0.77 0.00 | 32.65 1.67 0.00 | 35.48 1.50 0.00 | 40.57 2.11 -0.18 | 44.35 2.51 0.00 | 40.75 1.83 0.00 | 38.08 1.74 0.00 | 34.96 1.31 0.00 | 30.91 0.52 0.00 | 27.07 0.56 0.00 | 24.85 0.46 0.00 |
| STA_67____115KV_BK2 355882 | 24.06 0.24 0.00 | 22.72 -0.05 0.00 | 19.17 0.17 0.00 | 18.71 0.04 0.00 | 18.55 0.13 0.00 | 19.80 0.25 0.00 | 21.51 0.17 0.00 | 21.46 0.15 0.00 | 22.24 0.13 0.00 | 21.51 0.09 0.00 | 23.98 0.28 0.00 | 24.46 0.50 0.00 | 26.11 0.66 0.00 | 28.46 0.83 0.00 | 32.75 1.77 0.00 | 35.58 1.60 0.00 | 40.69 2.22 -0.18 | 44.52 2.68 0.00 | 40.91 1.99 0.00 | 38.22 1.89 0.00 | 35.07 1.41 0.00 | 31.00 0.61 0.00 | 27.18 0.66 0.00 | 24.98 0.59 0.00 |
| STA_7____115KV_9TRANS 80674 | 24.23 0.40 0.00 | 22.88 0.11 0.00 | 19.28 0.28 0.00 | 18.83 0.15 0.00 | 18.66 0.24 0.00 | 19.93 0.39 0.00 | 21.66 0.32 0.00 | 21.63 0.32 0.00 | 22.39 0.29 0.00 | 21.68 0.26 0.00 | 24.17 0.47 0.00 | 24.67 0.72 0.00 | 26.37 0.92 0.00 | 28.73 1.11 0.00 | 33.09 2.11 0.00 | 35.96 1.97 0.00 | 41.11 2.64 -0.18 | 45.02 3.18 0.00 | 41.33 2.41 0.00 | 38.62 2.29 0.00 | 35.44 1.78 0.00 | 31.30 0.91 0.00 | 27.42 0.90 0.00 | 25.17 0.78 0.00 |
| STA_82____115KV_TB1 80780 | 24.08 0.26 0.00 | 22.75 -0.02 0.00 | 19.19 0.19 0.00 | 18.71 0.04 0.00 | 18.57 0.15 0.00 | 19.82 0.27 0.00 | 21.53 0.19 0.00 | 21.48 0.17 0.00 | 22.24 0.13 0.00 | 21.53 0.11 0.00 | 24.00 0.31 0.00 | 24.48 0.53 0.00 | 26.14 0.69 0.00 | 28.48 0.86 0.00 | 32.78 1.80 0.00 | 35.62 1.63 0.00 | 40.73 2.26 -0.18 | 44.52 2.68 0.00 | 40.95 2.02 0.00 | 38.26 1.93 0.00 | 35.10 1.45 0.00 | 31.03 0.64 0.00 | 27.21 0.69 0.00 | 25.00 0.61 0.00 |
| STEEL____WIND 323596 | 24.27 0.45 0.00 | 22.79 0.02 0.00 | 19.45 0.46 0.00 | 18.96 0.28 0.00 | 18.83 0.40 0.00 | 20.01 0.47 0.00 | 21.72 0.38 0.00 | 21.82 0.51 0.00 | 22.44 0.33 0.00 | 21.76 0.34 0.00 | 24.43 0.74 0.00 | 24.89 0.93 0.00 | 26.57 1.12 0.00 | 29.31 1.69 0.00 | 33.98 3.00 0.00 | 36.94 2.96 0.00 | 41.40 2.83 -0.28 | 46.07 4.22 0.00 | 42.43 3.50 0.00 | 39.57 3.23 0.00 | 36.24 2.59 0.00 | 31.82 1.43 0.00 | 27.97 1.46 0.00 | 25.59 1.19 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 24.35 0.52 0.00 | 23.18 0.41 0.00 | 19.51 0.51 0.00 | 19.16 0.49 0.00 | 18.88 0.46 0.00 | 20.05 0.51 0.00 | 21.96 0.62 0.00 | 22.06 0.75 0.00 | 22.86 0.75 0.00 | 21.98 0.56 0.16 | 24.06 0.52 0.12 | 24.53 0.69 0.28 | 25.83 0.66 0.38 | 27.97 0.72 0.49 | 31.27 0.77 0.57 | 34.47 1.05 0.05 | 39.12 0.88 0.05 | 43.22 1.38 0.00 | 40.36 1.44 0.00 | 37.79 1.45 0.00 | 35.03 1.38 0.00 | 31.48 1.09 0.00 | 27.44 0.93 0.00 | 25.12 0.73 0.00 |
| STEUBEN_REC_LFGE 323667 | 24.80 0.98 0.00 | 23.29 0.52 0.00 | 19.78 0.78 0.00 | 19.26 0.58 0.00 | 19.12 0.70 0.00 | 20.42 0.88 0.00 | 22.21 0.87 0.00 | 22.27 0.96 0.00 | 22.99 0.88 0.00 | 22.26 0.84 0.00 | 24.81 1.11 0.00 | 25.27 1.32 0.00 | 27.03 1.58 0.00 | 29.53 1.91 0.00 | 33.86 2.88 0.00 | 36.84 2.85 0.00 | 41.67 2.99 -0.39 | 46.23 4.39 0.00 | 42.62 3.70 0.00 | 39.75 3.42 0.00 | 36.28 2.62 0.00 | 32.06 1.67 0.00 | 28.16 1.64 0.00 | 25.71 1.32 0.00 |
| STILLWATER____SOLAR 323814 | 24.94 1.12 0.00 | 23.75 0.98 0.00 | 19.87 0.87 0.00 | 19.59 0.91 0.00 | 19.31 0.88 0.00 | 20.48 0.94 0.00 | 22.41 1.07 0.00 | 22.42 1.11 0.00 | 23.28 1.17 0.00 | 22.34 0.92 0.00 | 24.41 0.92 0.21 | 24.92 1.13 0.16 | 26.28 1.20 0.37 | 28.29 1.16 0.49 | 31.61 1.27 0.64 | 34.70 1.46 0.74 | 39.69 1.45 0.06 | 43.93 2.09 0.00 | 41.06 2.14 0.00 | 38.69 2.36 0.00 | 35.84 2.19 0.00 | 32.28 1.88 0.00 | 28.08 1.56 0.00 | 25.73 1.34 0.00 |
| STONY____BROOK 24151 | 26.28 2.45 -0.01 | 24.92 2.14 -0.01 | 20.96 1.96 -0.01 | 20.51 1.83 0.00 | 19.99 1.57 0.00 | 21.28 1.74 0.00 | 23.37 2.03 0.00 | 23.36 2.05 0.00 | 24.73 2.63 0.00 | 23.54 2.12 0.00 | 26.58 2.70 -0.18 | 27.55 3.04 -0.56 | 28.56 2.77 -0.33 | 30.12 2.04 -0.44 | 33.38 1.83 -0.57 | 36.76 2.11 -0.67 | 40.03 1.80 0.06 | 43.93 2.09 0.00 | 40.91 1.98 0.00 | 38.19 1.85 0.00 | 35.47 1.82 0.00 | 32.49 2.10 0.00 | 28.53 2.01 0.00 | 26.91 2.51 -0.01 |
| STURGEON_POOL_HYD 23609 | 25.01 1.19 0.00 | 23.70 0.93 0.00 | 19.97 0.97 0.00 | 19.54 0.86 0.00 | 19.20 0.77 0.00 | 20.44 0.90 0.00 | 22.36 1.02 0.00 | 22.57 1.26 0.00 | 23.54 1.44 0.00 | 22.64 1.22 0.00 | 25.34 1.56 -0.08 | 25.75 1.72 -0.07 | 27.43 1.83 -0.14 | 29.81 1.99 -0.19 | 33.21 1.98 -0.25 | 36.65 2.38 -0.29 | 40.19 1.95 0.06 | 44.35 2.51 0.00 | 41.26 2.34 0.00 | 38.48 2.14 0.00 | 35.71 2.05 0.00 | 32.06 1.67 0.00 | 28.00 1.48 0.00 | 25.66 1.27 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 24.85 1.02 0.00 | 23.59 0.82 0.00 | 19.85 0.85 0.00 | 19.42 0.75 0.00 | 19.10 0.68 0.00 | 20.36 0.82 0.00 | 22.30 0.96 0.00 | 22.51 1.19 0.00 | 23.47 1.37 0.00 | 22.58 1.16 0.00 | 25.17 1.33 -0.15 | 25.45 1.51 0.01 | 27.30 1.58 -0.27 | 29.67 1.69 -0.36 | 33.15 1.70 -0.46 | 36.57 2.04 -0.54 | 40.03 1.80 0.06 | 44.18 2.34 0.00 | 41.10 2.18 0.00 | 38.33 2.00 0.00 | 35.57 1.92 0.00 | 31.94 1.55 0.00 | 27.89 1.38 0.00 | 25.56 1.17 0.00 |
| SWANROAD_115KV_TB1 355699 | 23.63 -0.19 0.00 | 22.18 -0.59 0.00 | 18.92 -0.08 0.00 | 18.38 -0.30 0.00 | 18.28 -0.15 0.00 | 19.46 -0.08 0.00 | 21.11 -0.23 0.00 | 20.99 -0.32 0.00 | 21.73 -0.38 0.00 | 21.06 -0.36 0.00 | 23.62 -0.07 0.00 | 24.00 0.05 0.00 | 25.65 0.20 0.00 | 28.04 0.41 0.00 | 32.75 1.77 0.00 | 35.35 1.36 0.00 | 40.38 1.84 -0.25 | 44.48 2.64 0.00 | 40.71 1.79 0.00 | 38.01 1.67 0.00 | 34.76 1.11 0.00 | 30.45 0.06 0.00 | 26.86 0.34 0.00 | 24.76 0.37 0.00 |

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| SYNERGY___BIOGAS 323694 | 24.49 0.67 0.00 | 23.02 0.25 0.00 | 19.53 0.53 0.00 | 19.05 0.37 0.00 | 18.92 0.50 0.00 | 20.03 0.49 0.00 | 21.72 0.38 0.00 | 21.85 0.53 0.00 | 22.44 0.33 0.00 | 21.68 0.26 0.00 | 24.34 0.64 0.00 | 24.82 0.86 0.00 | 26.52 1.07 0.00 | 29.20 1.57 0.00 | 33.95 2.97 0.00 | 36.87 2.89 0.00 | 41.75 3.22 -0.24 | 46.36 4.52 0.00 | 42.74 3.82 0.00 | 39.93 3.60 0.00 | 36.61 2.96 0.00 | 32.12 1.73 0.00 | 28.13 1.62 0.00 | 25.76 1.37 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 24.01 0.19 0.00 | 22.81 0.05 0.00 | 19.13 0.13 0.00 | 18.75 0.07 0.00 | 18.51 0.09 0.00 | 19.72 0.18 0.00 | 21.49 0.15 0.00 | 21.38 0.06 0.00 | 22.13 0.02 0.00 | 21.42 0.00 0.00 | 23.70 0.00 0.00 | 24.07 0.12 0.00 | 25.65 0.20 0.00 | 27.90 0.28 0.00 | 31.51 0.53 0.00 | 34.46 0.48 0.00 | 38.94 0.54 -0.11 | 42.68 0.84 0.00 | 39.58 0.66 0.00 | 36.99 0.65 0.00 | 34.16 0.50 0.00 | 30.63 0.24 0.00 | 26.83 0.32 0.00 | 24.66 0.27 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 24.01 0.19 0.00 | 22.81 0.05 0.00 | 19.13 0.13 0.00 | 18.75 0.07 0.00 | 18.51 0.09 0.00 | 19.72 0.18 0.00 | 21.49 0.15 0.00 | 21.38 0.06 0.00 | 22.13 0.02 0.00 | 21.42 0.00 0.00 | 23.70 0.00 0.00 | 24.07 0.12 0.00 | 25.65 0.20 0.00 | 27.90 0.28 0.00 | 31.51 0.53 0.00 | 34.46 0.48 0.00 | 38.94 0.54 -0.11 | 42.68 0.84 0.00 | 39.58 0.66 0.00 | 36.99 0.65 0.00 | 34.16 0.50 0.00 | 30.63 0.24 0.00 | 26.83 0.32 0.00 | 24.66 0.27 0.00 |
| SYRACUSE___POWER 24017 | 23.92 0.10 0.00 | 22.72 -0.05 0.00 | 19.05 0.06 0.00 | 18.68 0.00 0.00 | 18.44 0.02 0.00 | 19.64 0.10 0.00 | 21.40 0.06 0.00 | 21.31 0.00 0.00 | 22.08 -0.02 0.00 | 21.36 -0.06 0.00 | 23.65 -0.05 0.00 | 24.03 0.07 0.00 | 25.60 0.15 0.00 | 27.82 0.19 0.00 | 31.38 0.40 0.00 | 34.33 0.34 0.00 | 38.73 0.34 -0.10 | 42.47 0.63 0.00 | 39.39 0.47 0.00 | 36.77 0.44 0.00 | 33.96 0.30 0.00 | 30.48 0.09 0.00 | 26.70 0.19 0.00 | 24.56 0.17 0.00 |
| TALLMAN___138KV_BK151 55660 | 24.97 1.14 0.00 | 23.68 0.91 0.00 | 19.95 0.95 0.00 | 19.52 0.84 0.00 | 19.20 0.77 0.00 | 20.48 0.94 0.00 | 22.43 1.09 0.00 | 22.68 1.36 0.00 | 23.67 1.57 0.00 | 22.77 1.35 0.00 | 25.42 1.56 -0.16 | 25.87 1.75 -0.16 | 27.57 1.83 -0.29 | 29.97 1.96 -0.38 | 33.43 1.95 -0.50 | 36.88 2.31 -0.58 | 40.26 2.03 0.06 | 44.48 2.64 0.00 | 41.33 2.41 0.00 | 38.51 2.18 0.00 | 35.74 2.09 0.00 | 32.09 1.70 0.00 | 28.08 1.56 0.00 | 25.71 1.32 0.00 |
| TEALLAVE_115KV_TB7 355573 | 23.94 0.12 0.00 | 22.72 -0.05 0.00 | 19.07 0.08 0.00 | 18.68 0.00 0.00 | 18.46 0.04 0.00 | 19.66 0.12 0.00 | 21.43 0.09 0.00 | 21.34 0.02 0.00 | 22.10 0.00 0.00 | 21.38 -0.04 0.00 | 23.67 -0.02 0.00 | 24.07 0.12 0.00 | 25.63 0.18 0.00 | 27.88 0.25 0.00 | 31.41 0.43 0.00 | 34.36 0.37 0.00 | 38.76 0.38 -0.09 | 42.51 0.67 0.00 | 39.39 0.47 0.00 | 36.77 0.44 0.00 | 33.96 0.30 0.00 | 30.48 0.09 0.00 | 26.73 0.21 0.00 | 24.56 0.17 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 24.16 0.33 0.00 | 22.70 -0.07 0.00 | 19.30 0.30 0.00 | 18.77 0.09 0.00 | 18.66 0.24 0.00 | 19.88 0.33 0.00 | 21.55 0.21 0.00 | 21.53 0.21 0.00 | 22.24 0.13 0.00 | 21.55 0.13 0.00 | 24.15 0.45 0.00 | 24.60 0.65 0.00 | 26.32 0.87 0.00 | 28.76 1.13 0.00 | 33.55 2.57 0.00 | 36.23 2.24 0.00 | 41.36 2.83 -0.24 | 45.65 3.81 0.00 | 41.80 2.88 0.00 | 39.02 2.69 0.00 | 35.71 2.05 0.00 | 31.30 0.91 0.00 | 27.52 1.01 0.00 | 25.32 0.93 0.00 |
| TEMPLE___115KV_TB 2 55572 | 23.94 0.12 0.00 | 22.75 -0.02 0.00 | 19.07 0.08 0.00 | 18.70 0.02 0.00 | 18.48 0.06 0.00 | 19.66 0.12 0.00 | 21.43 0.09 0.00 | 21.34 0.02 0.00 | 22.10 0.00 0.00 | 21.40 -0.02 0.00 | 23.70 0.00 0.00 | 24.07 0.12 0.00 | 25.65 0.20 0.00 | 27.88 0.25 0.00 | 31.44 0.46 0.00 | 34.36 0.37 0.00 | 38.76 0.38 -0.09 | 42.51 0.67 0.00 | 39.43 0.51 0.00 | 36.81 0.47 0.00 | 33.99 0.34 0.00 | 30.51 0.12 0.00 | 26.73 0.21 0.00 | 24.59 0.20 0.00 |
| TIANA____69_KV_BK 1 55817 | 26.47 2.64 0.00 | 25.09 2.32 0.00 | 21.11 2.11 0.00 | 20.58 1.91 0.00 | 20.01 1.58 0.00 | 21.40 1.86 0.00 | 23.50 2.16 0.00 | 23.53 2.22 0.00 | 24.98 2.87 0.00 | 23.73 2.31 0.00 | 26.84 2.96 -0.18 | 27.84 3.33 -0.56 | 29.22 3.44 -0.33 | 31.03 2.96 -0.44 | 34.40 2.85 -0.57 | 38.12 3.47 -0.67 | 41.72 3.48 0.06 | 46.11 4.27 0.00 | 43.16 4.24 0.00 | 40.08 3.74 0.00 | 37.12 3.47 0.00 | 33.79 3.40 0.00 | 29.25 2.73 0.00 | 27.22 2.83 0.00 |
| TILDEN___115KV_TB1 80814 | 23.92 0.10 0.00 | 22.72 -0.05 0.00 | 19.05 0.06 0.00 | 18.68 0.00 0.00 | 18.44 0.02 0.00 | 19.64 0.10 0.00 | 21.40 0.06 0.00 | 21.31 0.00 0.00 | 22.08 -0.02 0.00 | 21.36 -0.06 0.00 | 23.65 -0.05 0.00 | 24.03 0.07 0.00 | 25.60 0.15 0.00 | 27.82 0.19 0.00 | 31.38 0.40 0.00 | 34.33 0.34 0.00 | 38.73 0.34 -0.10 | 42.47 0.63 0.00 | 39.39 0.47 0.00 | 36.77 0.44 0.00 | 33.96 0.30 0.00 | 30.48 0.09 0.00 | 26.70 0.19 0.00 | 24.56 0.17 0.00 |
| TRIGEN___CC 323695 | 25.61 1.79 0.00 | 24.27 1.50 0.00 | 20.44 1.44 0.00 | 19.98 1.31 0.00 | 19.53 1.11 0.00 | 20.85 1.31 0.00 | 22.92 1.58 0.00 | 23.00 1.68 0.00 | 24.23 2.12 0.00 | 23.18 1.76 0.00 | 26.06 2.18 -0.18 | 26.93 2.42 -0.56 | 28.30 2.52 -0.33 | 30.34 2.27 -0.44 | 33.72 2.17 -0.57 | 37.24 2.58 -0.67 | 40.65 2.41 0.06 | 44.90 3.05 0.00 | 41.92 3.00 0.00 | 38.95 2.62 0.00 | 36.18 2.52 0.00 | 32.73 2.34 0.00 | 28.48 1.96 0.00 | 26.39 2.00 0.00 |
| TRINITY___115KV__ 4 BK 55933 | 24.13 0.31 0.00 | 22.97 0.20 0.00 | 19.36 0.36 0.00 | 19.01 0.34 0.00 | 18.74 0.31 0.00 | 19.88 0.33 0.00 | 21.77 0.43 0.00 | 21.87 0.55 0.00 | 22.66 0.55 0.00 | 21.81 0.39 0.16 | 23.87 0.33 0.12 | 24.32 0.48 0.29 | 25.60 0.43 0.38 | 27.72 0.47 0.49 | 30.92 0.43 0.57 | 34.02 0.61 0.57 | 38.58 0.34 0.06 | 42.55 0.71 0.00 | 39.74 0.82 0.00 | 37.21 0.87 0.00 | 34.49 0.84 0.00 | 31.03 0.64 0.00 | 27.05 0.53 0.00 | 24.83 0.44 0.00 |
| UNION___PROCESSING_DRP 323587 | 24.08 0.26 0.00 | 22.75 -0.02 0.00 | 19.19 0.19 0.00 | 18.73 0.06 0.00 | 18.57 0.15 0.00 | 19.82 0.27 0.00 | 21.53 0.19 0.00 | 21.51 0.19 0.00 | 22.26 0.15 0.00 | 21.55 0.13 0.00 | 24.00 0.31 0.00 | 24.48 0.53 0.00 | 26.14 0.69 0.00 | 28.48 0.86 0.00 | 32.81 1.83 0.00 | 35.62 1.63 0.00 | 40.77 2.30 -0.18 | 44.56 2.72 0.00 | 40.95 2.02 0.00 | 38.26 1.93 0.00 | 35.13 1.48 0.00 | 31.03 0.64 0.00 | 27.23 0.72 0.00 | 25.00 0.61 0.00 |
| UPPER HUDSON___HYD 24058 | 24.82 1.00 0.00 | 23.63 0.86 0.00 | 19.74 0.74 0.00 | 19.44 0.77 0.00 | 19.18 0.76 0.00 | 20.36 0.82 0.00 | 22.30 0.96 0.00 | 22.32 1.00 0.00 | 23.21 1.10 0.00 | 22.21 0.79 0.00 | 24.29 0.78 0.18 | 24.84 1.03 0.14 | 26.24 1.12 0.33 | 28.04 0.86 0.44 | 31.34 0.93 0.57 | 34.27 0.95 0.67 | 39.07 0.84 0.06 | 43.39 1.55 0.00 | 40.63 1.71 0.00 | 38.51 2.18 0.00 | 35.71 2.05 0.00 | 32.24 1.85 0.00 | 28.03 1.51 0.00 | 25.66 1.27 0.00 |
| UPPER RAQUET___HYD 24056 | 22.89 -0.93 0.00 | 22.18 -0.59 0.00 | 18.24 -0.76 0.00 | 17.91 -0.77 0.00 | 17.68 -0.74 0.00 | 18.82 -0.72 0.00 | 20.53 -0.81 0.00 | 20.27 -1.04 0.00 | 20.89 -1.22 0.00 | 20.35 -1.07 0.00 | 22.46 -1.23 0.00 | 22.49 -1.46 0.00 | 23.90 -1.55 0.00 | 25.80 -1.82 0.00 | 28.78 -2.20 0.00 | 31.64 -2.34 0.00 | 36.91 -1.38 0.00 | 39.83 -2.01 0.00 | 37.17 -1.75 0.00 | 33.86 -2.47 0.00 | 31.43 -2.22 0.00 | 28.75 -1.64 0.00 | 25.24 -1.27 0.00 | 23.34 -1.05 0.00 |

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| VALLEY44_115KV_TB2 355964 | 24.37 0.55 0.00 | 22.88 0.11 0.00 | 19.55 0.55 0.00 | 18.96 0.28 0.00 | 18.86 0.44 0.00 | 20.15 0.61 0.00 | 21.89 0.55 0.00 | 21.91 0.60 0.00 | 22.61 0.51 0.00 | 21.94 0.51 0.00 | 24.57 0.88 0.00 | 24.98 1.03 0.00 | 26.75 1.30 0.00 | 29.34 1.71 0.00 | 33.80 2.82 0.00 | 36.67 2.68 0.00 | 40.33 1.72 -0.32 | 45.82 3.97 0.00 | 42.07 3.15 0.00 | 39.13 2.80 0.00 | 35.77 2.12 0.00 | 31.73 1.34 0.00 | 27.89 1.38 0.00 | 25.68 1.29 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 24.20 0.38 0.00 | 23.09 0.32 0.00 | 19.30 0.30 0.00 | 18.94 0.26 0.00 | 18.70 0.28 0.00 | 19.88 0.33 0.00 | 21.72 0.38 0.00 | 21.70 0.38 0.00 | 22.50 0.40 0.00 | 21.76 0.34 0.00 | 24.07 0.38 0.00 | 24.41 0.46 0.00 | 25.93 0.48 0.00 | 28.18 0.55 0.00 | 31.60 0.62 0.00 | 34.63 0.65 0.00 | 38.94 0.65 0.00 | 42.68 0.84 0.00 | 39.70 0.78 0.00 | 37.13 0.80 0.00 | 34.39 0.74 0.00 | 31.00 0.61 0.00 | 27.05 0.53 0.00 | 24.83 0.44 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 25.01 1.19 0.00 | 23.79 1.02 0.00 | 19.97 0.97 0.00 | 19.56 0.88 0.00 | 19.31 0.88 0.00 | 20.54 1.00 0.00 | 22.51 1.17 0.00 | 22.57 1.26 0.00 | 23.41 1.30 0.00 | 22.54 1.11 0.00 | 24.93 1.23 0.00 | 25.33 1.39 0.01 | 26.95 1.50 0.00 | 29.31 1.69 0.00 | 32.96 1.98 0.00 | 36.16 2.18 0.00 | 44.83 2.22 -4.32 | 44.52 2.68 0.00 | 41.53 2.61 0.00 | 38.88 2.54 0.00 | 36.01 2.36 0.00 | 32.30 1.91 0.00 | 28.13 1.62 0.00 | 25.78 1.39 0.00 |
| VISCHER___FERRY HYD 24020 | 24.54 0.71 0.00 | 23.36 0.59 0.00 | 19.60 0.61 0.00 | 19.35 0.67 0.00 | 19.07 0.64 0.00 | 20.19 0.64 0.00 | 22.09 0.75 0.00 | 22.17 0.85 0.00 | 22.99 0.89 0.00 | 22.09 0.66 0.00 | 24.10 0.64 0.23 | 24.58 0.81 0.19 | 25.84 0.81 0.42 | 27.89 0.83 0.56 | 31.09 0.84 0.73 | 34.16 1.02 0.85 | 39.19 0.96 0.06 | 43.26 1.42 0.00 | 40.40 1.48 0.00 | 37.90 1.56 0.00 | 35.13 1.48 0.00 | 31.61 1.22 0.00 | 27.55 1.03 0.00 | 25.29 0.90 0.00 |
| V_A_10_SYNC_DSASP 323832 | 23.73 -0.09 0.00 | 22.36 -0.41 0.00 | 18.98 -0.02 0.00 | 18.53 -0.15 0.00 | 18.39 -0.04 0.00 | 19.56 0.02 0.00 | 21.23 -0.11 0.00 | 21.23 -0.08 0.00 | 21.86 -0.24 0.00 | 21.19 -0.24 0.00 | 23.67 -0.02 0.00 | 24.12 0.17 0.00 | 25.73 0.28 0.00 | 28.24 0.61 0.00 | 32.62 1.64 0.00 | 35.48 1.49 0.00 | 40.50 1.99 -0.22 | 44.23 2.38 0.00 | 40.79 1.87 0.00 | 38.08 1.74 0.00 | 35.00 1.35 0.00 | 30.78 0.39 0.00 | 27.07 0.56 0.00 | 24.81 0.41 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 23.23 -0.59 0.00 | 22.43 -0.34 0.00 | 18.48 -0.51 0.00 | 18.17 -0.50 0.00 | 17.91 -0.52 0.00 | 19.03 -0.51 0.00 | 20.79 -0.55 0.00 | 20.72 -0.60 0.00 | 21.46 -0.64 0.00 | 20.95 -0.47 0.00 | 23.17 -0.52 0.00 | 23.19 -0.77 0.00 | 24.63 -0.82 0.00 | 26.72 -0.91 0.00 | 29.87 -1.11 0.00 | 32.83 -1.16 0.00 | 37.49 -0.81 0.00 | 40.50 -1.34 0.00 | 37.71 -1.21 0.00 | 34.92 -1.42 0.00 | 32.37 -1.28 0.00 | 29.48 -0.91 0.00 | 25.67 -0.85 0.00 | 23.63 -0.76 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 24.27 0.45 0.00 | 23.45 0.68 0.00 | 19.36 0.36 0.00 | 19.01 0.34 0.00 | 18.74 0.31 0.00 | 19.99 0.45 0.00 | 21.89 0.55 0.00 | 21.40 0.09 0.00 | 22.17 0.07 0.00 | 21.59 0.17 0.00 | 23.91 0.21 0.00 | 23.93 -0.02 0.00 | 25.45 0.00 0.00 | 27.57 -0.06 0.00 | 30.83 -0.15 0.00 | 33.92 -0.07 0.00 | 38.71 0.42 0.00 | 41.17 -0.67 0.00 | 39.00 0.08 0.00 | 36.23 -0.11 0.00 | 33.45 -0.20 0.00 | 30.33 -0.06 0.00 | 26.33 -0.18 0.00 | 24.71 0.32 0.00 |
| V_D_10_SYNC_DSASP 323841 | 23.11 -0.71 0.00 | 22.36 -0.41 0.00 | 18.43 -0.57 0.00 | 18.08 -0.60 0.00 | 17.83 -0.59 0.00 | 18.98 -0.57 0.00 | 20.72 -0.62 0.00 | 20.61 -0.70 0.00 | 21.33 -0.77 0.00 | 20.80 -0.62 0.00 | 23.01 -0.69 0.00 | 23.02 -0.93 0.00 | 24.46 -0.99 0.00 | 26.49 -1.13 0.00 | 29.59 -1.39 0.00 | 32.56 -1.43 0.00 | 37.76 -0.54 0.00 | 40.80 -1.04 0.00 | 37.99 -0.93 0.00 | 34.70 -1.63 0.00 | 32.17 -1.48 0.00 | 29.33 -1.06 0.00 | 25.56 -0.95 0.00 | 23.54 -0.85 0.00 |
| V_E_10_SYNC_DSASP 323830 | 26.01 2.19 0.00 | 24.68 1.91 0.00 | 20.65 1.65 0.00 | 20.21 1.53 0.00 | 20.02 1.60 0.00 | 21.34 1.80 0.00 | 23.43 2.09 0.00 | 24.43 3.11 0.00 | 25.09 2.98 0.00 | 23.97 2.55 0.00 | 26.47 2.77 0.00 | 27.07 3.11 0.00 | 28.81 3.36 0.00 | 31.63 4.00 0.00 | 35.87 4.89 0.00 | 39.15 5.16 0.00 | 47.34 5.86 -3.19 | 46.90 5.06 0.00 | 43.83 4.90 0.00 | 41.27 4.94 0.00 | 38.09 4.44 0.00 | 33.94 3.55 0.00 | 29.38 2.86 0.00 | 26.71 2.32 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 24.99 1.17 0.00 | 23.79 1.03 0.00 | 19.91 0.91 0.00 | 19.63 0.95 0.00 | 19.36 0.94 0.00 | 20.52 0.98 0.00 | 22.45 1.11 0.00 | 22.49 1.17 0.00 | 23.34 1.24 0.00 | 22.39 0.96 0.00 | 24.47 0.97 0.20 | 24.99 1.20 0.16 | 26.36 1.27 0.36 | 28.36 1.21 0.48 | 31.69 1.33 0.62 | 34.82 1.56 0.73 | 39.80 1.57 0.06 | 44.06 2.22 0.00 | 41.18 2.26 0.00 | 38.81 2.47 0.00 | 35.94 2.29 0.00 | 32.34 1.95 0.00 | 28.16 1.64 0.00 | 25.81 1.41 0.00 |
| V_F_30_SYNC_DSASP 323786 | 24.23 0.40 0.00 | 23.06 0.30 0.00 | 19.41 0.42 0.00 | 19.07 0.39 0.00 | 18.81 0.39 0.00 | 19.95 0.41 0.00 | 21.83 0.49 0.00 | 21.93 0.62 0.00 | 22.75 0.64 0.00 | 21.87 0.45 0.00 | 23.96 0.43 0.16 | 24.41 0.57 0.12 | 25.69 0.53 0.29 | 27.82 0.58 0.39 | 31.07 0.59 0.50 | 34.19 0.78 0.58 | 38.77 0.54 0.06 | 42.80 0.96 0.00 | 39.93 1.01 0.00 | 37.39 1.05 0.00 | 34.70 1.04 0.00 | 31.18 0.79 0.00 | 27.18 0.66 0.00 | 24.93 0.54 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 24.27 0.45 0.00 | 23.45 0.68 0.00 | 19.36 0.36 0.00 | 19.01 0.34 0.00 | 18.74 0.31 0.00 | 19.99 0.45 0.00 | 21.89 0.55 0.00 | 21.40 0.09 0.00 | 22.17 0.07 0.00 | 21.59 0.17 0.00 | 23.91 0.21 0.00 | 23.93 -0.02 0.00 | 25.45 0.00 0.00 | 27.57 -0.06 0.00 | 30.83 -0.15 0.00 | 33.92 -0.07 0.00 | 38.71 0.42 0.00 | 41.17 -0.67 0.00 | 39.00 0.08 0.00 | 36.23 -0.11 0.00 | 33.45 -0.20 0.00 | 30.33 -0.06 0.00 | 26.33 -0.18 0.00 | 24.71 0.32 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 25.06 1.24 0.00 | 23.77 1.00 0.00 | 20.00 1.01 0.00 | 19.59 0.92 0.00 | 19.25 0.83 0.00 | 20.54 1.00 0.00 | 22.51 1.17 0.00 | 22.74 1.43 0.00 | 23.74 1.64 0.00 | 22.84 1.41 0.00 | 25.49 1.63 -0.16 | 26.30 1.84 -0.50 | 27.68 1.93 -0.29 | 30.09 2.07 -0.39 | 33.53 2.04 -0.51 | 36.99 2.41 -0.59 | 40.38 2.14 0.06 | 44.60 2.76 0.00 | 41.45 2.53 0.00 | 38.66 2.33 0.00 | 35.87 2.22 0.00 | 32.21 1.82 0.00 | 28.16 1.64 0.00 | 25.78 1.39 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 25.28 1.45 0.00 | 23.95 1.18 0.00 | 20.17 1.18 0.00 | 19.74 1.06 0.00 | 19.38 0.96 0.00 | 20.70 1.15 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 25.99 2.11 -0.18 | 26.80 2.30 -0.54 | 28.20 2.42 -0.33 | 30.61 2.54 -0.44 | 34.12 2.57 -0.57 | 37.68 3.02 -0.67 | 40.99 2.76 0.06 | 45.31 3.47 0.00 | 42.04 3.11 0.00 | 39.06 2.73 0.00 | 36.28 2.62 0.00 | 32.58 2.19 0.00 | 28.48 1.96 0.00 | 26.05 1.66 0.00 |
| W50THST__13_KV_LOAD 356117 | 25.37 1.55 0.00 | 24.04 1.28 0.00 | 20.25 1.25 0.00 | 19.82 1.14 0.00 | 19.45 1.03 0.00 | 20.79 1.25 0.00 | 22.86 1.52 0.00 | 23.25 1.94 0.00 | 24.31 2.21 0.00 | 23.39 1.97 0.00 | 26.13 2.25 -0.18 | 26.97 2.47 -0.54 | 28.35 2.57 -0.33 | 30.81 2.74 -0.44 | 34.34 2.79 -0.57 | 37.92 3.26 -0.67 | 41.26 3.03 0.06 | 45.61 3.77 0.00 | 42.27 3.35 0.00 | 39.24 2.91 0.00 | 36.45 2.79 0.00 | 32.70 2.31 0.00 | 28.61 2.09 0.00 | 26.15 1.76 0.00 |

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| WADING RIVER_IC_1 23522 | 26.09 2.26 -0.01 | 24.71 1.93 -0.01 | 20.79 1.79 -0.01 | 20.36 1.68 0.00 | 19.82 1.40 0.00 | 21.09 1.54 0.00 | 23.18 1.84 0.00 | 23.17 1.85 0.00 | 24.58 2.48 0.00 | 23.35 1.93 0.00 | 26.37 2.49 -0.18 | 27.36 2.85 -0.56 | 28.33 2.54 -0.33 | 29.89 1.82 -0.44 | 33.19 1.64 -0.57 | 36.62 1.97 -0.67 | 40.00 1.76 0.06 | 44.02 2.17 0.00 | 40.98 2.06 0.00 | 38.15 1.82 0.00 | 35.33 1.68 0.00 | 32.28 1.88 0.00 | 28.24 1.72 0.00 | 26.64 2.24 -0.01 |
| WADING RIVER_IC_2 23547 | 26.09 2.26 -0.01 | 24.71 1.93 -0.01 | 20.79 1.79 -0.01 | 20.36 1.68 0.00 | 19.82 1.40 0.00 | 21.09 1.54 0.00 | 23.18 1.84 0.00 | 23.17 1.85 0.00 | 24.58 2.48 0.00 | 23.35 1.93 0.00 | 26.37 2.49 -0.18 | 27.36 2.85 -0.56 | 28.33 2.54 -0.33 | 29.89 1.82 -0.44 | 33.19 1.64 -0.57 | 36.62 1.97 -0.67 | 40.00 1.76 0.06 | 44.02 2.17 0.00 | 40.98 2.06 0.00 | 38.15 1.82 0.00 | 35.33 1.68 0.00 | 32.28 1.88 0.00 | 28.24 1.72 0.00 | 26.64 2.24 -0.01 |
| WADING RIVER_IC_3 23601 | 26.09 2.26 -0.01 | 24.71 1.93 -0.01 | 20.79 1.79 -0.01 | 20.36 1.68 0.00 | 19.82 1.40 0.00 | 21.09 1.54 0.00 | 23.18 1.84 0.00 | 23.17 1.85 0.00 | 24.58 2.48 0.00 | 23.35 1.93 0.00 | 26.37 2.49 -0.18 | 27.36 2.85 -0.56 | 28.33 2.54 -0.33 | 29.89 1.82 -0.44 | 33.19 1.64 -0.57 | 36.62 1.97 -0.67 | 40.00 1.76 0.06 | 44.02 2.17 0.00 | 40.98 2.06 0.00 | 38.15 1.82 0.00 | 35.33 1.68 0.00 | 32.28 1.88 0.00 | 28.24 1.72 0.00 | 26.64 2.24 -0.01 |
| WALDENNY_I2_KV_BK2 80841 | 24.27 0.45 0.00 | 22.77 0.00 0.00 | 19.43 0.44 0.00 | 18.88 0.21 0.00 | 18.77 0.35 0.00 | 19.99 0.45 0.00 | 21.70 0.36 0.00 | 21.70 0.38 0.00 | 22.44 0.33 0.00 | 21.76 0.34 0.00 | 24.43 0.73 0.00 | 24.86 0.91 0.00 | 26.60 1.15 0.00 | 29.12 1.49 0.00 | 33.95 2.97 0.00 | 36.71 2.72 0.00 | 41.55 2.99 -0.27 | 46.07 4.23 0.00 | 42.19 3.27 0.00 | 39.28 2.94 0.00 | 35.91 2.25 0.00 | 31.51 1.12 0.00 | 27.74 1.22 0.00 | 25.51 1.12 0.00 |
| WALDEN___HYDRO 24148 | 24.99 1.17 0.00 | 23.70 0.93 0.00 | 19.95 0.95 0.00 | 19.54 0.86 0.00 | 19.20 0.77 0.00 | 20.46 0.92 0.00 | 22.39 1.05 0.00 | 22.57 1.26 0.00 | 23.52 1.41 0.00 | 22.62 1.20 0.00 | 25.21 1.37 -0.14 | 25.57 1.53 -0.08 | 27.33 1.63 -0.25 | 29.73 1.77 -0.33 | 33.17 1.77 -0.43 | 36.59 2.11 -0.50 | 40.11 1.88 0.06 | 44.31 2.47 0.00 | 41.30 2.37 0.00 | 38.55 2.22 0.00 | 35.77 2.12 0.00 | 32.12 1.73 0.00 | 28.03 1.51 0.00 | 25.68 1.29 0.00 |
| WARRENSBURG___ 23737 | 24.82 1.00 0.00 | 23.63 0.86 0.00 | 19.74 0.74 0.00 | 19.44 0.77 0.00 | 19.18 0.76 0.00 | 20.36 0.82 0.00 | 22.30 0.96 0.00 | 22.32 1.00 0.00 | 23.21 1.10 0.00 | 22.21 0.79 0.00 | 24.29 0.78 0.18 | 24.84 1.03 0.14 | 26.24 1.12 0.33 | 28.04 0.86 0.44 | 31.34 0.93 0.57 | 34.27 0.95 0.67 | 39.07 0.84 0.06 | 43.39 1.55 0.00 | 40.63 1.71 0.00 | 38.51 2.18 0.00 | 35.71 2.05 0.00 | 32.24 1.85 0.00 | 28.03 1.51 0.00 | 25.66 1.27 0.00 |
| WATERSIDE___6 8 9 23538 | 25.38 1.55 -0.01 | 24.05 1.28 -0.01 | 20.26 1.25 -0.01 | 19.82 1.14 0.00 | 19.44 1.01 0.00 | 20.74 1.19 0.00 | 22.77 1.43 0.00 | 23.13 1.81 0.00 | 24.16 2.06 0.00 | 23.24 1.82 0.00 | 25.99 2.11 -0.18 | 26.82 2.32 -0.54 | 28.25 2.47 -0.33 | 30.67 2.60 -0.44 | 34.15 2.60 -0.57 | 37.71 3.06 -0.67 | 40.99 2.76 0.06 | 45.23 3.39 0.00 | 42.00 3.07 0.00 | 38.99 2.65 0.00 | 36.24 2.59 0.00 | 32.58 2.19 0.00 | 28.59 2.07 -0.01 | 26.12 1.73 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 24.13 0.31 0.00 | 23.00 0.23 0.00 | 19.24 0.25 0.00 | 18.88 0.21 0.00 | 18.64 0.22 0.00 | 19.80 0.25 0.00 | 21.64 0.30 0.00 | 21.61 0.30 0.00 | 22.41 0.31 0.00 | 21.68 0.26 0.00 | 23.96 0.26 0.00 | 24.29 0.34 0.00 | 25.83 0.38 0.00 | 28.04 0.41 0.00 | 31.44 0.46 0.00 | 34.50 0.51 0.00 | 38.75 0.46 0.00 | 42.47 0.63 0.00 | 39.54 0.62 0.00 | 36.99 0.65 0.00 | 34.26 0.61 0.00 | 30.88 0.49 0.00 | 26.94 0.42 0.00 | 24.76 0.37 0.00 |
| WATSON___69_KV_BK 1 55734 | 26.44 2.62 0.00 | 25.07 2.30 0.00 | 21.09 2.09 0.00 | 20.56 1.89 0.00 | 20.03 1.60 0.00 | 21.42 1.88 0.00 | 23.54 2.20 0.00 | 23.55 2.24 0.00 | 24.93 2.83 0.00 | 23.76 2.33 0.00 | 26.79 2.91 -0.18 | 27.77 3.26 -0.56 | 29.17 3.38 -0.33 | 31.00 2.93 -0.44 | 34.40 2.85 -0.57 | 38.05 3.40 -0.67 | 41.64 3.41 0.06 | 46.03 4.18 0.00 | 43.09 4.16 0.00 | 40.00 3.67 0.00 | 37.12 3.47 0.00 | 33.73 3.34 0.00 | 29.27 2.76 0.00 | 27.24 2.85 0.00 |
| WDELAWARE___HYD 323627 | 24.66 0.83 0.00 | 23.36 0.59 0.00 | 19.64 0.65 0.00 | 19.29 0.62 0.00 | 18.97 0.55 0.00 | 20.13 0.59 0.00 | 22.04 0.70 0.00 | 22.17 0.85 0.00 | 23.12 1.02 0.00 | 22.19 0.77 0.00 | 24.75 0.95 -0.10 | 25.12 1.10 -0.06 | 26.78 1.15 -0.19 | 29.09 1.21 -0.25 | 32.51 1.21 -0.32 | 35.82 1.46 -0.37 | 39.61 1.38 0.06 | 43.73 1.88 0.00 | 40.63 1.71 0.00 | 38.04 1.71 0.00 | 35.30 1.65 0.00 | 31.64 1.25 0.00 | 27.58 1.06 0.00 | 25.27 0.88 0.00 |
| WEST BABYLON___IC 23714 | 26.30 2.48 0.00 | 24.93 2.16 0.00 | 20.99 1.99 0.00 | 20.47 1.79 0.00 | 19.95 1.53 0.00 | 21.32 1.78 0.00 | 23.43 2.09 0.00 | 23.45 2.13 0.00 | 24.80 2.70 0.00 | 23.65 2.23 0.00 | 26.65 2.77 -0.18 | 27.62 3.11 -0.56 | 28.99 3.21 -0.33 | 30.89 2.82 -0.44 | 34.28 2.73 -0.57 | 37.92 3.26 -0.67 | 41.45 3.22 0.06 | 45.86 4.02 0.00 | 42.89 3.97 0.00 | 39.82 3.49 0.00 | 36.95 3.30 0.00 | 33.55 3.16 0.00 | 29.11 2.60 0.00 | 27.10 2.71 0.00 |
| WEST CANADA___HYD 24049 | 23.99 0.17 0.00 | 22.88 0.11 0.00 | 19.15 0.15 0.00 | 18.83 0.15 0.00 | 18.57 0.15 0.00 | 19.70 0.16 0.00 | 21.51 0.17 0.00 | 21.51 0.19 0.00 | 22.30 0.20 0.00 | 21.55 0.13 0.00 | 23.84 0.14 0.00 | 24.17 0.22 0.00 | 25.65 0.20 0.00 | 27.88 0.25 0.00 | 31.26 0.28 0.00 | 34.26 0.27 0.00 | 38.52 0.23 0.00 | 42.22 0.38 0.00 | 39.27 0.35 0.00 | 36.73 0.40 0.00 | 34.02 0.37 0.00 | 30.66 0.27 0.00 | 26.75 0.24 0.00 | 24.61 0.22 0.00 |
| WESTERN_NY_WIND 24143 | 24.47 0.64 0.00 | 23.00 0.23 0.00 | 19.51 0.51 0.00 | 18.98 0.30 0.00 | 18.86 0.44 0.00 | 20.03 0.49 0.00 | 21.72 0.38 0.00 | 21.72 0.40 0.00 | 22.44 0.33 0.00 | 21.68 0.26 0.00 | 24.33 0.64 0.00 | 24.77 0.81 0.00 | 26.49 1.04 0.00 | 28.95 1.33 0.00 | 33.86 2.88 0.00 | 36.54 2.55 0.00 | 41.75 3.22 -0.24 | 46.23 4.39 0.00 | 42.39 3.46 0.00 | 39.64 3.31 0.00 | 36.24 2.59 0.00 | 31.79 1.40 0.00 | 27.89 1.38 0.00 | 25.61 1.22 0.00 |
| WESTOVER___LESR 323668 | 24.39 0.57 0.00 | 23.13 0.36 0.00 | 19.47 0.47 0.00 | 19.05 0.37 0.00 | 18.85 0.42 0.00 | 20.07 0.53 0.00 | 21.87 0.53 0.00 | 21.89 0.58 0.00 | 22.66 0.55 0.00 | 21.89 0.47 0.00 | 24.26 0.57 0.00 | 24.67 0.72 0.00 | 26.26 0.81 0.00 | 28.60 0.97 0.00 | 32.37 1.39 0.00 | 35.45 1.46 0.00 | 41.77 1.42 -2.06 | 43.89 2.05 0.00 | 40.71 1.79 0.00 | 38.01 1.67 0.00 | 35.07 1.41 0.00 | 31.36 0.97 0.00 | 27.44 0.93 0.00 | 25.20 0.80 0.00 |
| WETHRSFD_WT_PWR 323626 | 24.23 0.40 0.00 | 22.77 0.00 0.00 | 19.36 0.36 0.00 | 18.90 0.22 0.00 | 18.75 0.33 0.00 | 19.91 0.37 0.00 | 21.64 0.30 0.00 | 21.74 0.43 0.00 | 22.37 0.27 0.00 | 21.68 0.26 0.00 | 24.26 0.57 0.00 | 24.72 0.77 0.00 | 26.39 0.94 0.00 | 29.04 1.41 0.00 | 33.43 2.45 0.00 | 36.44 2.45 0.00 | 40.94 2.34 -0.31 | 45.40 3.55 0.00 | 41.88 2.96 0.00 | 39.09 2.76 0.00 | 35.84 2.19 0.00 | 31.52 1.13 0.00 | 27.68 1.17 0.00 | 25.29 0.90 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|
| WHAVSTOR_138KV_BK127 55557 | 24.97 1.14 0.00 | 23.68 0.91 0.00 | 19.95 0.95 0.00 | 19.52 0.84 0.00 | 19.20 0.77 0.00 | 20.46 0.92 0.00 | 22.43 1.09 0.00 | 22.68 1.36 0.00 | 23.67 1.57 0.00 | 22.77 1.35 0.00 | 25.42 1.56 -0.16 | 26.27 1.75 -0.57 | 27.58 1.83 -0.30 | 29.96 1.93 -0.39 | 33.41 1.92 -0.51 | 36.86 2.28 -0.59 | 40.22 1.99 0.06 | 44.39 2.55 0.00 | 41.30 2.37 0.00 | 38.48 2.14 0.00 | 35.71 2.05 0.00 | 32.09 1.70 0.00 | 28.05 1.54 0.00 | 25.71 1.32 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 24.97 1.14 0.00 | 23.68 0.91 0.00 | 19.95 0.95 0.00 | 19.52 0.84 0.00 | 19.20 0.77 0.00 | 20.46 0.92 0.00 | 22.43 1.09 0.00 | 22.68 1.36 0.00 | 23.67 1.57 0.00 | 22.77 1.35 0.00 | 25.42 1.56 -0.16 | 26.27 1.75 -0.57 | 27.58 1.83 -0.30 | 29.96 1.93 -0.39 | 33.41 1.92 -0.51 | 36.86 2.28 -0.59 | 40.22 1.99 0.06 | 44.39 2.55 0.00 | 41.30 2.37 0.00 | 38.48 2.14 0.00 | 35.71 2.05 0.00 | 32.09 1.70 0.00 | 28.05 1.54 0.00 | 25.71 1.32 0.00 |
| WHITEHAL_115KV_TB1 80871 | 25.37 1.55 0.00 | 24.13 1.37 0.00 | 20.16 1.16 0.00 | 19.78 1.10 0.00 | 19.51 1.09 0.00 | 20.81 1.27 0.00 | 22.79 1.45 0.00 | 22.83 1.51 0.00 | 23.72 1.61 0.00 | 22.64 1.22 0.00 | 24.74 1.23 0.19 | 25.34 1.53 0.15 | 26.79 1.68 0.34 | 28.64 1.46 0.45 | 32.10 1.70 0.58 | 35.18 1.87 0.68 | 40.03 1.80 0.06 | 44.69 2.85 0.00 | 41.84 2.92 0.00 | 39.71 3.38 0.00 | 36.85 3.20 0.00 | 33.16 2.77 0.00 | 28.77 2.25 0.00 | 26.27 1.88 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 25.39 1.57 0.00 | 24.07 1.30 0.00 | 20.27 1.27 0.00 | 19.85 1.18 0.00 | 19.49 1.07 0.00 | 20.79 1.25 0.00 | 22.79 1.45 0.00 | 23.19 1.88 0.00 | 24.25 2.14 0.00 | 23.31 1.89 0.00 | 26.11 2.23 -0.18 | 26.95 2.42 -0.57 | 28.35 2.57 -0.33 | 30.83 2.76 -0.44 | 34.37 2.82 -0.57 | 37.95 3.30 -0.67 | 41.34 3.10 0.06 | 45.69 3.85 0.00 | 42.35 3.43 0.00 | 39.46 3.12 0.00 | 36.65 3.00 0.00 | 32.82 2.43 0.00 | 28.61 2.09 0.00 | 26.17 1.78 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 26.30 2.48 0.00 | 24.93 2.16 0.00 | 20.97 1.98 0.00 | 20.43 1.76 0.00 | 19.90 1.47 0.00 | 21.28 1.74 0.00 | 23.37 2.03 0.00 | 23.38 2.07 0.00 | 24.78 2.67 0.00 | 23.54 2.12 0.00 | 26.58 2.70 -0.18 | 27.55 3.04 -0.56 | 28.91 3.13 -0.33 | 30.72 2.65 -0.44 | 34.03 2.48 -0.57 | 37.68 3.02 -0.67 | 41.18 2.95 0.06 | 45.57 3.72 0.00 | 42.70 3.78 0.00 | 39.64 3.31 0.00 | 36.78 3.13 0.00 | 33.49 3.10 0.00 | 29.06 2.55 0.00 | 27.05 2.66 0.00 |
| WOODARD__115KV_TB2 355635 | 23.89 0.07 0.00 | 22.70 -0.07 0.00 | 19.03 0.04 0.00 | 18.66 -0.02 0.00 | 18.42 0.00 0.00 | 19.62 0.08 0.00 | 21.36 0.02 0.00 | 21.27 -0.04 0.00 | 22.04 -0.07 0.00 | 21.31 -0.11 0.00 | 23.60 -0.09 0.00 | 23.98 0.02 0.00 | 25.55 0.10 0.00 | 27.77 0.14 0.00 | 31.32 0.34 0.00 | 34.26 0.27 0.00 | 38.65 0.27 -0.09 | 42.39 0.54 0.00 | 39.31 0.39 0.00 | 36.70 0.36 0.00 | 33.89 0.24 0.00 | 30.42 0.03 0.00 | 26.65 0.13 0.00 | 24.51 0.12 0.00 |
| YORK___WARBASSE 23770 | 25.52 1.69 -0.01 | 24.21 1.43 -0.01 | 20.33 1.33 -0.01 | 19.89 1.21 0.00 | 19.49 1.07 0.00 | 20.75 1.21 0.00 | 22.75 1.41 0.00 | 23.13 1.81 0.00 | 24.18 2.08 0.00 | 23.26 1.84 0.00 | 26.04 2.16 -0.18 | 26.89 2.40 -0.54 | 28.33 2.55 -0.33 | 30.78 2.71 -0.44 | 34.31 2.76 -0.57 | 37.95 3.30 -0.67 | 41.22 2.99 0.06 | 45.44 3.60 0.00 | 42.23 3.31 0.00 | 39.20 2.87 0.00 | 36.45 2.79 0.00 | 32.67 2.28 0.00 | 28.72 2.20 -0.01 | 26.24 1.85 0.00 |