

Day Ahead Market Generator LBMP

| Generator Data | | --- Marginal Cost of Losses | | | | | | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | 12/11/2023 | | |
|----------------------|--------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--|------------|--|--|
| 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 | 25.57 | 24.02 | 22.73 | 22.82 | 23.26 | 26.40 | 30.93 | 35.16 | 34.43 | 34.25 | 32.95 | 32.15 | 31.43 | 30.96 | 30.87 | 32.89 | 40.48 | 49.84 | 44.71 | 41.91 | 34.89 | 33.22 | 30.85 | 29.64 | | | | |
| | | 0.70 | 0.70 | 0.68 | 0.66 | 0.72 | 0.74 | 1.33 | 1.99 | 2.07 | 2.12 | 1.89 | 1.91 | 1.89 | 1.89 | 1.86 | 2.12 | 3.21 | 3.95 | 3.42 | 3.21 | 2.04 | 1.79 | 1.69 | 1.46 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 74TH STREET_GT_1 | 24260 | 25.70 | 24.05 | 22.75 | 22.87 | 23.28 | 26.43 | 30.90 | 35.13 | 34.33 | 34.59 | 32.89 | 32.05 | 31.37 | 30.90 | 30.84 | 32.71 | 40.37 | 49.84 | 44.71 | 41.91 | 34.85 | 33.28 | 30.88 | 29.61 | | | | |
| | | 0.82 | 0.72 | 0.71 | 0.71 | 0.74 | 0.77 | 1.30 | 1.96 | 1.97 | 2.08 | 1.83 | 1.81 | 1.83 | 1.83 | 1.83 | 1.94 | 3.09 | 3.95 | 3.43 | 3.21 | 2.00 | 1.85 | 1.72 | 1.44 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 74TH STREET_GT_2 | 24261 | 25.70 | 24.05 | 22.75 | 22.87 | 23.28 | 26.43 | 30.90 | 35.13 | 34.33 | 34.59 | 32.89 | 32.05 | 31.37 | 30.90 | 30.84 | 32.71 | 40.37 | 49.84 | 44.71 | 41.91 | 34.85 | 33.28 | 30.88 | 29.61 | | | | |
| | | 0.82 | 0.72 | 0.71 | 0.71 | 0.74 | 0.77 | 1.30 | 1.96 | 1.97 | 2.08 | 1.83 | 1.81 | 1.83 | 1.83 | 1.83 | 1.94 | 3.09 | 3.95 | 3.43 | 3.21 | 2.00 | 1.85 | 1.72 | 1.44 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| ADK HUDSON___FALLS | 24011 | 25.95 | 24.33 | 23.00 | 23.15 | 23.57 | 26.89 | 31.25 | 35.39 | 34.59 | 35.03 | 33.20 | 32.30 | 31.52 | 31.05 | 31.04 | 32.31 | 39.55 | 49.02 | 43.85 | 41.06 | 34.59 | 32.91 | 30.29 | 29.78 | | | | |
| | | 1.07 | 1.00 | 0.95 | 1.00 | 1.04 | 1.23 | 1.66 | 2.22 | 2.23 | 2.38 | 2.14 | 2.06 | 1.98 | 1.98 | 2.03 | 1.54 | 2.27 | 3.12 | 2.56 | 2.36 | 1.74 | 1.48 | 1.14 | 1.61 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| ADK RESOURCE___RCVRY | 23798 | 26.00 | 24.44 | 23.13 | 23.26 | 23.71 | 27.05 | 31.46 | 34.86 | 34.04 | 34.18 | 32.71 | 31.81 | 31.05 | 30.58 | 30.57 | 32.55 | 39.85 | 49.34 | 44.13 | 41.33 | 34.85 | 33.88 | 31.14 | 29.98 | | | | |
| | | 1.12 | 1.12 | 1.08 | 1.11 | 1.17 | 1.38 | 1.87 | 1.69 | 1.68 | 1.82 | 1.65 | 1.57 | 1.51 | 1.51 | 1.57 | 1.78 | 2.57 | 3.44 | 2.85 | 2.63 | 2.00 | 2.45 | 1.98 | 1.80 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| ADK S GLENS___FALLS | 24028 | 25.95 | 24.33 | 23.00 | 23.15 | 23.57 | 26.89 | 31.25 | 35.39 | 34.59 | 35.03 | 33.20 | 32.30 | 31.52 | 31.05 | 31.04 | 32.31 | 39.55 | 49.02 | 43.85 | 41.06 | 34.59 | 32.91 | 30.29 | 29.78 | | | | |
| | | 1.07 | 1.00 | 0.95 | 1.00 | 1.04 | 1.23 | 1.66 | 2.22 | 2.23 | 2.38 | 2.14 | 2.06 | 1.98 | 1.98 | 2.03 | 1.54 | 2.27 | 3.12 | 2.56 | 2.36 | 1.74 | 1.48 | 1.14 | 1.61 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| ADK_NYS___DAM | 23527 | 25.42 | 23.91 | 22.60 | 22.73 | 23.12 | 26.46 | 30.63 | 34.70 | 33.88 | 34.09 | 32.71 | 31.81 | 31.02 | 30.50 | 30.34 | 32.31 | 39.59 | 48.69 | 43.72 | 41.02 | 34.39 | 32.84 | 30.38 | 29.16 | | | | |
| | | 0.55 | 0.58 | 0.55 | 0.58 | 0.58 | 0.80 | 1.04 | 1.53 | 1.52 | 1.75 | 1.65 | 1.57 | 1.48 | 1.42 | 1.34 | 1.54 | 2.31 | 2.80 | 2.44 | 2.32 | 1.54 | 1.42 | 1.22 | 0.99 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| AIR_PRODUCTS___DRP | 24190 | 25.05 | 23.49 | 22.27 | 22.38 | 22.76 | 25.63 | 29.59 | 33.50 | 32.71 | 33.10 | 31.43 | 30.60 | 29.87 | 29.42 | 29.36 | 31.14 | 38.10 | 47.00 | 42.19 | 39.51 | 33.24 | 31.74 | 29.36 | 28.26 | | | | |
| | | 0.17 | 0.16 | 0.22 | 0.22 | 0.23 | -0.03 | 0.00 | 0.33 | 0.36 | 0.46 | 0.37 | 0.36 | 0.32 | 0.35 | 0.35 | 0.37 | 0.82 | 1.10 | 0.91 | 0.81 | 0.39 | 0.31 | 0.20 | 0.08 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| AKWESSNE_115KV_BK | 355683 | 25.13 | 23.56 | 22.25 | 22.38 | 22.76 | 25.89 | 29.77 | 33.21 | 32.39 | 32.89 | 30.94 | 30.12 | 29.42 | 28.90 | 28.83 | 30.58 | 36.53 | 44.89 | 40.42 | 37.88 | 32.62 | 31.33 | 29.13 | 28.20 | | | | |
| | | 0.25 | 0.23 | 0.20 | 0.22 | 0.23 | 0.23 | 0.18 | 0.03 | 0.03 | -0.03 | -0.12 | -0.12 | -0.12 | -0.17 | -0.17 | -0.18 | -0.75 | -1.01 | -0.87 | -0.81 | -0.23 | -0.09 | -0.03 | 0.03 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| ALBANY_1_SOLAR | 323833 | 25.55 | 23.95 | 22.67 | 22.80 | 23.19 | 26.25 | 30.30 | 34.23 | 33.42 | 33.75 | 32.05 | 31.18 | 30.46 | 30.00 | 29.94 | 31.78 | 38.88 | 47.96 | 43.06 | 40.36 | 34.03 | 32.47 | 30.00 | 28.94 | | | | |
| | | 0.67 | 0.63 | 0.62 | 0.64 | 0.65 | 0.59 | 0.71 | 1.06 | 1.07 | 1.12 | 0.99 | 0.94 | 0.92 | 0.93 | 0.93 | 1.02 | 1.60 | 2.07 | 1.78 | 1.66 | 1.18 | 1.04 | 0.85 | 0.76 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| ALBANY_2_SOLAR | 323834 | 25.52 | 23.95 | 22.67 | 22.78 | 23.19 | 26.22 | 30.30 | 34.23 | 33.42 | 33.75 | 32.05 | 31.18 | 30.46 | 29.97 | 29.94 | 31.78 | 38.88 | 47.91 | 43.06 | 40.36 | 34.00 | 32.47 | 30.00 | 28.91 | | | | |
| | | 0.65 | 0.63 | 0.62 | 0.62 | 0.65 | 0.56 | 0.71 | 1.06 | 1.07 | 1.12 | 0.99 | 0.94 | 0.92 | 0.90 | 0.93 | 1.02 | 1.60 | 2.02 | 1.78 | 1.66 | 1.15 | 1.04 | 0.85 | 0.73 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| ALBANY___1 | 23571 | 25.05 | 23.49 | 22.27 | 22.38 | 22.76 | 25.63 | 29.59 | 33.50 | 32.71 | 33.10 | 31.43 | 30.60 | 29.87 | 29.42 | 29.36 | 31.14 | 38.10 | 47.00 | 42.19 | 39.51 | 33.24 | 31.74 | 29.36 | 28.26 | | | | |
| | | 0.17 | 0.16 | 0.22 | 0.22 | 0.23 | -0.03 | 0.00 | 0.33 | 0.36 | 0.46 | 0.37 | 0.36 | 0.32 | 0.35 | 0.35 | 0.37 | 0.82 | 1.10 | 0.91 | 0.81 | 0.39 | 0.31 | 0.20 | 0.08 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 25.05 0.17 0.00 | 23.49 0.16 0.00 | 22.27 0.22 0.00 | 22.38 0.22 0.00 | 22.76 0.23 0.00 | 25.63 -0.03 0.00 | 29.59 0.00 0.00 | 33.50 0.33 0.00 | 32.71 0.36 0.00 | 33.10 0.46 0.43 | 31.43 0.37 0.00 | 30.60 0.36 0.00 | 29.87 0.32 0.00 | 29.42 0.35 0.00 | 29.36 0.35 0.00 | 31.14 0.37 0.00 | 38.10 0.82 0.00 | 47.00 1.10 0.00 | 42.19 0.91 0.00 | 39.51 0.81 0.00 | 33.24 0.39 0.00 | 31.74 0.31 0.00 | 29.36 0.20 0.00 | 28.26 0.08 0.00 |
| ALBANY___3 23573 | 25.05 0.17 0.00 | 23.49 0.16 0.00 | 22.27 0.22 0.00 | 22.38 0.22 0.00 | 22.76 0.23 0.00 | 25.63 -0.03 0.00 | 29.59 0.00 0.00 | 33.50 0.33 0.00 | 32.71 0.36 0.00 | 33.10 0.46 0.43 | 31.43 0.37 0.00 | 30.60 0.36 0.00 | 29.87 0.32 0.00 | 29.42 0.35 0.00 | 29.36 0.35 0.00 | 31.14 0.37 0.00 | 38.10 0.82 0.00 | 47.00 1.10 0.00 | 42.19 0.91 0.00 | 39.51 0.81 0.00 | 33.24 0.39 0.00 | 31.74 0.31 0.00 | 29.36 0.20 0.00 | 28.26 0.08 0.00 |
| ALBANY___4 23574 | 25.05 0.17 0.00 | 23.49 0.16 0.00 | 22.27 0.22 0.00 | 22.38 0.22 0.00 | 22.76 0.23 0.00 | 25.63 -0.03 0.00 | 29.59 0.00 0.00 | 33.50 0.33 0.00 | 32.71 0.36 0.00 | 33.10 0.46 0.43 | 31.43 0.37 0.00 | 30.60 0.36 0.00 | 29.87 0.32 0.00 | 29.42 0.35 0.00 | 29.36 0.35 0.00 | 31.14 0.37 0.00 | 38.10 0.82 0.00 | 47.00 1.10 0.00 | 42.19 0.91 0.00 | 39.51 0.81 0.00 | 33.24 0.39 0.00 | 31.74 0.31 0.00 | 29.36 0.20 0.00 | 28.26 0.08 0.00 |
| ALBANY___LFGE 323615 | 25.18 0.30 0.00 | 23.67 0.35 0.00 | 22.42 0.37 0.00 | 22.53 0.38 0.00 | 22.92 0.38 0.00 | 25.89 0.23 0.00 | 29.92 0.33 0.00 | 33.84 0.66 0.00 | 33.04 0.68 0.00 | 33.14 0.79 0.72 | 31.77 0.71 0.00 | 30.94 0.70 0.00 | 30.19 0.65 0.00 | 29.74 0.67 0.00 | 29.68 0.67 0.00 | 31.57 0.80 0.00 | 38.58 1.30 0.00 | 47.50 1.61 0.00 | 42.61 1.32 0.00 | 39.93 1.24 0.00 | 33.60 0.76 0.00 | 32.09 0.66 0.00 | 29.68 0.53 0.00 | 28.57 0.39 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 25.35 0.47 0.00 | 23.74 0.42 0.00 | 22.44 0.40 0.00 | 22.60 0.44 0.00 | 22.96 0.43 0.00 | 26.07 0.41 0.00 | 29.98 0.38 0.00 | 33.34 0.17 0.00 | 32.52 0.16 0.00 | 32.96 0.07 0.17 | 31.03 -0.03 0.00 | 30.33 0.09 0.00 | 29.60 0.06 0.00 | 29.07 0.00 0.00 | 29.01 0.00 0.00 | 30.80 0.03 0.00 | 36.68 -0.60 0.00 | 45.14 -0.83 -0.07 | 40.58 -0.70 0.00 | 38.04 -0.66 0.00 | 32.78 -0.07 0.00 | 31.55 0.13 0.00 | 29.42 0.26 0.00 | 28.46 0.28 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 25.35 0.47 0.00 | 23.74 0.42 0.00 | 22.44 0.40 0.00 | 22.60 0.44 0.00 | 22.96 0.43 0.00 | 26.07 0.41 0.00 | 29.98 0.38 0.00 | 33.34 0.17 0.00 | 32.52 0.16 0.00 | 32.96 0.07 0.17 | 31.03 -0.03 0.00 | 30.33 0.09 0.00 | 29.60 0.06 0.00 | 29.07 0.00 0.00 | 29.01 0.00 0.00 | 30.80 0.03 0.00 | 36.68 -0.60 0.00 | 45.14 -0.83 -0.07 | 40.58 -0.70 0.00 | 38.04 -0.66 0.00 | 32.78 -0.07 0.00 | 31.55 0.13 0.00 | 29.42 0.26 0.00 | 28.46 0.28 0.00 |
| ALCOA___DSASP 323711 | 25.35 0.47 0.00 | 23.74 0.42 0.00 | 22.44 0.40 0.00 | 22.60 0.44 0.00 | 22.96 0.43 0.00 | 26.07 0.41 0.00 | 29.98 0.38 0.00 | 33.37 0.20 0.00 | 32.52 0.16 0.00 | 32.88 0.10 0.28 | 31.03 -0.03 0.00 | 30.33 0.09 0.00 | 29.60 0.06 0.00 | 29.07 0.00 0.00 | 29.01 0.00 0.00 | 30.56 -0.21 0.00 | 36.61 -0.67 0.00 | 45.14 -0.82 -0.07 | 40.58 -0.70 0.00 | 38.04 -0.66 0.00 | 32.78 -0.07 0.00 | 31.56 0.13 0.00 | 29.42 0.26 0.00 | 28.49 0.31 0.00 |
| ALLEGHENY___COGEN 23514 | 25.95 1.07 0.00 | 24.16 0.84 0.00 | 22.75 0.71 0.00 | 22.76 0.60 0.00 | 23.10 0.56 0.00 | 26.51 0.85 0.00 | 30.84 1.24 0.00 | 34.42 1.23 -0.02 | 33.27 0.90 -0.01 | 29.88 0.30 3.48 | 31.71 0.65 0.00 | 30.81 0.57 0.00 | 30.10 0.56 0.00 | 29.65 0.58 0.00 | 29.82 0.81 0.00 | 31.82 1.05 0.00 | 39.12 1.83 -0.02 | 48.44 2.52 -0.02 | 43.87 2.56 -0.02 | 41.08 2.36 -0.02 | 34.65 1.81 0.00 | 32.94 1.51 0.00 | 30.44 1.28 0.00 | 29.53 1.35 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 25.28 0.40 0.00 | 23.70 0.37 0.00 | 22.42 0.37 0.00 | 22.53 0.38 0.00 | 22.92 0.38 0.00 | 26.02 0.36 0.00 | 30.07 0.47 0.00 | 33.97 0.80 0.00 | 33.13 0.78 0.00 | 33.49 0.86 0.43 | 31.81 0.75 0.00 | 30.97 0.73 0.00 | 30.22 0.68 0.00 | 29.77 0.70 0.00 | 29.70 0.70 0.00 | 31.51 0.74 0.00 | 38.51 1.23 0.00 | 47.50 1.61 0.00 | 42.69 1.40 0.00 | 40.01 1.32 0.00 | 33.67 0.82 0.00 | 32.15 0.72 0.00 | 29.77 0.61 0.00 | 28.68 0.51 0.00 |
| ALTONA_WT_PWR 323606 | 25.97 1.09 0.00 | 24.30 0.98 0.00 | 22.97 0.93 0.00 | 23.15 1.00 0.00 | 23.52 0.99 0.00 | 26.79 1.13 0.00 | 30.54 0.95 0.00 | 34.07 0.90 0.00 | 33.07 0.71 0.00 | 33.25 0.43 0.24 | 31.00 -0.06 0.00 | 29.94 -0.30 0.00 | 28.92 -0.62 0.00 | 28.11 -0.96 0.00 | 28.02 -0.99 0.00 | 29.51 -1.26 0.00 | 35.26 -2.01 0.00 | 40.72 -2.52 2.65 | 39.39 -1.90 0.00 | 36.88 -1.82 0.00 | 31.83 -1.02 0.00 | 30.71 -0.72 0.00 | 28.60 -0.55 0.00 | 28.04 -0.14 0.00 |
| AMERICAN_REF_FUEL 24010 | 23.58 -1.29 0.00 | 21.97 -1.35 0.00 | 20.77 -1.28 0.00 | 20.72 -1.44 0.00 | 20.89 -1.64 0.00 | 23.86 -1.80 0.00 | 27.41 -2.19 0.00 | 29.71 -3.45 0.02 | 29.02 -3.33 0.01 | 25.73 -3.57 3.76 | 27.95 -3.11 0.00 | 27.22 -3.02 0.00 | 26.62 -2.93 0.00 | 26.19 -2.88 0.00 | 26.17 -2.84 0.00 | 27.66 -3.11 0.00 | 33.27 -3.99 0.02 | 40.69 -5.19 0.02 | 37.31 -3.96 0.02 | 34.93 -3.75 0.02 | 29.73 -3.12 0.00 | 28.29 -3.14 0.00 | 26.53 -2.62 0.00 | 26.18 -2.00 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 25.00 0.13 0.00 | 23.23 -0.09 0.00 | 21.83 -0.22 0.00 | 21.76 -0.40 0.00 | 21.88 -0.65 0.00 | 24.86 -0.80 0.00 | 28.74 -0.86 0.00 | 31.17 -1.99 0.01 | 30.37 -1.97 0.01 | 26.49 -2.88 3.69 | 29.13 -1.93 0.00 | 28.39 -1.85 0.00 | 27.71 -1.83 0.00 | 27.24 -1.83 0.00 | 27.21 -1.80 0.00 | 28.80 -1.97 0.00 | 34.65 -2.61 0.01 | 42.35 -3.53 0.01 | 39.21 -2.06 0.01 | 36.94 -1.74 0.01 | 31.57 -1.28 0.00 | 30.11 -1.32 0.00 | 28.11 -1.05 0.00 | 27.67 -0.51 0.00 |
| ARTHUR KILL_GT_1 23520 | 25.67 0.80 0.00 | 24.14 0.82 0.00 | 22.82 0.77 0.00 | 22.91 0.75 0.00 | 23.34 0.81 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 33.98 1.85 0.93 | 32.58 1.52 0.00 | 31.78 1.54 0.00 | 31.10 1.56 0.00 | 30.64 1.57 0.00 | 30.60 1.59 0.00 | 32.68 1.91 0.00 | 40.37 3.09 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.13 1.70 0.00 | 30.85 1.69 0.00 | 29.75 1.58 0.00 |
| ARTHUR_KILL_2 23512 | 25.62 0.75 0.00 | 24.07 0.75 0.00 | 22.77 0.73 0.00 | 22.87 0.71 0.00 | 23.28 0.74 0.00 | 26.28 0.61 0.00 | 30.72 1.12 0.00 | 34.90 1.72 0.00 | 34.07 1.71 0.00 | 33.91 1.78 0.93 | 32.52 1.46 0.00 | 31.72 1.48 0.00 | 31.02 1.48 0.00 | 30.55 1.48 0.00 | 30.52 1.51 0.00 | 32.58 1.81 0.00 | 40.22 2.94 0.00 | 49.61 3.72 0.00 | 44.55 3.26 0.00 | 41.75 3.06 0.00 | 34.62 1.77 0.00 | 33.03 1.60 0.00 | 30.76 1.60 0.00 | 29.67 1.49 0.00 |
| ARTHUR_KILL_3 23513 | 25.33 0.45 0.00 | 23.79 0.47 0.00 | 22.53 0.48 0.00 | 22.62 0.47 0.00 | 23.03 0.50 0.00 | 26.17 0.51 0.00 | 30.63 1.04 0.00 | 34.83 1.66 0.00 | 34.10 1.75 0.00 | 33.91 1.78 0.93 | 32.64 1.58 0.00 | 31.84 1.60 0.00 | 31.16 1.62 0.00 | 30.67 1.60 0.00 | 30.57 1.57 0.00 | 32.58 1.81 0.00 | 40.07 2.80 0.00 | 49.38 3.49 0.00 | 44.30 3.01 0.00 | 41.48 2.79 0.00 | 34.56 1.71 0.00 | 32.94 1.51 0.00 | 30.56 1.40 0.00 | 29.36 1.18 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 25.67 0.80 0.00 | 24.14 0.82 0.00 | 22.82 0.77 0.00 | 22.91 0.75 0.00 | 23.34 0.81 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 33.98 1.85 0.93 | 32.58 1.52 0.00 | 31.78 1.54 0.00 | 31.10 1.56 0.00 | 30.64 1.57 0.00 | 30.60 1.59 0.00 | 32.68 1.91 0.00 | 40.37 3.09 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.13 1.70 0.00 | 30.85 1.69 0.00 | 29.75 1.58 0.00 |
| ASHOKAN____ 23654 | 26.00 1.12 0.00 | 24.44 1.12 0.00 | 23.11 1.06 0.00 | 23.26 1.11 0.00 | 23.68 1.15 0.00 | 26.82 1.16 0.00 | 31.10 1.51 0.00 | 35.13 1.96 0.00 | 34.26 1.91 0.00 | 34.02 1.78 0.82 | 32.49 1.43 0.00 | 31.54 1.30 0.00 | 30.78 1.24 0.00 | 30.35 1.28 0.00 | 30.43 1.42 0.00 | 32.62 1.85 0.00 | 40.33 3.06 0.00 | 49.79 3.90 0.00 | 44.84 3.55 0.00 | 41.98 3.29 0.00 | 35.21 2.37 0.00 | 33.47 2.04 0.00 | 30.94 1.78 0.00 | 29.75 1.58 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 25.47 0.60 0.00 | 24.02 0.70 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.07 0.41 0.00 | 30.39 0.80 0.01 | 34.62 1.46 0.01 | 33.90 1.55 0.01 | 33.74 1.62 0.94 | 32.45 1.40 0.01 | 31.68 1.45 0.01 | 30.98 1.45 0.01 | 30.52 1.45 0.01 | 30.45 1.45 0.01 | 32.45 1.69 0.01 | 39.91 2.65 0.01 | 49.10 3.21 0.01 | 44.04 2.77 0.01 | 41.28 2.59 0.01 | 34.42 1.58 0.01 | 32.71 1.29 0.01 | 30.41 1.25 0.00 | 29.47 1.30 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 25.47 0.60 0.00 | 24.02 0.70 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.07 0.41 0.00 | 30.39 0.80 0.01 | 34.62 1.46 0.01 | 33.90 1.55 0.01 | 33.74 1.62 0.94 | 32.45 1.40 0.01 | 31.68 1.45 0.01 | 30.98 1.45 0.01 | 30.52 1.45 0.01 | 30.45 1.45 0.01 | 32.45 1.69 0.01 | 39.91 2.65 0.01 | 49.10 3.21 0.01 | 44.04 2.77 0.01 | 41.28 2.59 0.01 | 34.42 1.58 0.01 | 32.71 1.29 0.01 | 30.41 1.25 0.00 | 29.47 1.30 0.00 |
| ASTORIA_GT2_1 24094 | 25.57 0.70 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.00 | 34.60 1.43 0.00 | 33.88 1.52 0.00 | 34.10 1.59 0.55 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.44 1.28 0.00 | 29.44 1.27 0.00 |
| ASTORIA_GT2_2 24095 | 25.57 0.70 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.00 | 34.60 1.43 0.00 | 33.88 1.52 0.00 | 34.10 1.59 0.55 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.44 1.28 0.00 | 29.44 1.27 0.00 |
| ASTORIA_GT2_3 24096 | 25.57 0.70 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.00 | 34.60 1.43 0.00 | 33.88 1.52 0.00 | 34.10 1.59 0.55 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.44 1.28 0.00 | 29.44 1.27 0.00 |
| ASTORIA_GT2_4 24097 | 25.57 0.70 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.00 | 34.60 1.43 0.00 | 33.88 1.52 0.00 | 34.10 1.59 0.55 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.44 1.28 0.00 | 29.44 1.27 0.00 |
| ASTORIA_GT3_1 24098 | 25.57 0.70 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.00 | 34.60 1.43 0.00 | 33.88 1.52 0.00 | 34.10 1.59 0.55 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.44 1.28 0.00 | 29.44 1.27 0.00 |
| ASTORIA_GT3_2 24099 | 25.57 0.70 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.00 | 34.60 1.43 0.00 | 33.88 1.52 0.00 | 34.10 1.59 0.55 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.44 1.28 0.00 | 29.44 1.27 0.00 |
| ASTORIA_GT3_3 24100 | 25.57 0.70 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.00 | 34.60 1.43 0.00 | 33.88 1.52 0.00 | 34.10 1.59 0.55 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.44 1.28 0.00 | 29.44 1.27 0.00 |
| ASTORIA_GT3_4 24101 | 25.57 0.70 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.00 | 34.60 1.43 0.00 | 33.88 1.52 0.00 | 34.10 1.59 0.55 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.44 1.28 0.00 | 29.44 1.27 0.00 |
| ASTORIA_GT4_1 24102 | 25.57 0.70 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.00 | 34.60 1.43 0.00 | 33.88 1.52 0.00 | 34.10 1.59 0.55 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.44 1.28 0.00 | 29.44 1.27 0.00 |
| ASTORIA_GT4_2 24103 | 25.57 0.70 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.00 | 34.60 1.43 0.00 | 33.88 1.52 0.00 | 34.10 1.59 0.55 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.44 1.28 0.00 | 29.44 1.27 0.00 |
| ASTORIA_GT4_3 24104 | 25.57 0.70 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.00 | 34.60 1.43 0.00 | 33.88 1.52 0.00 | 34.10 1.59 0.55 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.44 1.28 0.00 | 29.44 1.27 0.00 |

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| ASTORIA_GT4_4 24105 | 25.57 0.70 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.00 | 34.60 1.43 0.00 | 33.88 1.52 0.00 | 34.10 1.59 0.55 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.44 1.28 0.00 | 29.44 1.27 0.00 |
| ASTORIA_GT_1 23523 | 25.52 0.65 0.00 | 24.07 0.75 0.00 | 22.75 0.71 0.00 | 22.84 0.69 0.00 | 23.28 0.74 0.00 | 26.12 0.46 0.00 | 30.45 0.86 0.01 | 34.69 1.53 0.01 | 34.00 1.65 0.01 | 33.81 1.69 0.94 | 32.51 1.46 0.01 | 31.74 1.51 0.01 | 31.04 1.51 0.01 | 30.58 1.51 0.01 | 30.51 1.51 0.01 | 32.55 1.78 0.01 | 39.99 2.72 0.01 | 49.24 3.35 0.01 | 44.17 2.89 0.01 | 41.40 2.71 0.01 | 34.48 1.64 0.01 | 32.80 1.38 0.01 | 30.47 1.31 0.00 | 29.56 1.38 0.00 |
| ASTORIA_GT_10 24110 | 25.62 0.75 0.00 | 24.00 0.68 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.62 0.00 | 30.69 1.10 0.00 | 34.86 1.69 0.00 | 34.10 1.75 0.00 | 34.33 1.82 0.55 | 32.64 1.58 0.00 | 31.84 1.60 0.00 | 31.14 1.60 0.00 | 30.67 1.60 0.00 | 30.60 1.60 0.00 | 32.49 1.72 0.00 | 40.11 2.83 0.00 | 49.47 3.58 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.62 1.77 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.50 1.32 0.00 |
| ASTORIA_GT_11 24225 | 25.62 0.75 0.00 | 24.00 0.68 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.62 0.00 | 30.69 1.10 0.00 | 34.86 1.69 0.00 | 34.10 1.75 0.00 | 34.33 1.82 0.55 | 32.64 1.58 0.00 | 31.84 1.60 0.00 | 31.14 1.60 0.00 | 30.67 1.60 0.00 | 30.60 1.60 0.00 | 32.49 1.72 0.00 | 40.11 2.83 0.00 | 49.47 3.58 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.62 1.77 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.50 1.32 0.00 |
| ASTORIA_GT_12 24226 | 25.62 0.75 0.00 | 24.00 0.68 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.62 0.00 | 30.69 1.10 0.00 | 34.86 1.69 0.00 | 34.10 1.75 0.00 | 34.33 1.82 0.55 | 32.64 1.58 0.00 | 31.84 1.60 0.00 | 31.14 1.60 0.00 | 30.67 1.60 0.00 | 30.60 1.60 0.00 | 32.49 1.72 0.00 | 40.11 2.83 0.00 | 49.47 3.58 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.62 1.77 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.50 1.32 0.00 |
| ASTORIA_GT_13 24227 | 25.62 0.75 0.00 | 24.00 0.68 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.62 0.00 | 30.69 1.10 0.00 | 34.86 1.69 0.00 | 34.10 1.75 0.00 | 34.33 1.82 0.55 | 32.64 1.58 0.00 | 31.84 1.60 0.00 | 31.14 1.60 0.00 | 30.67 1.60 0.00 | 30.60 1.60 0.00 | 32.49 1.72 0.00 | 40.11 2.83 0.00 | 49.47 3.58 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.62 1.77 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.50 1.32 0.00 |
| ASTORIA_GT_5 24106 | 25.52 0.65 0.00 | 24.07 0.75 0.00 | 22.75 0.71 0.00 | 22.84 0.69 0.00 | 23.28 0.74 0.00 | 26.12 0.46 0.00 | 30.45 0.86 0.01 | 34.69 1.53 0.01 | 34.00 1.65 0.01 | 33.81 1.69 0.94 | 32.51 1.46 0.01 | 31.74 1.51 0.01 | 31.04 1.51 0.01 | 30.58 1.51 0.01 | 30.51 1.51 0.01 | 32.55 1.78 0.01 | 39.99 2.72 0.01 | 49.24 3.35 0.01 | 44.17 2.89 0.01 | 41.40 2.71 0.01 | 34.48 1.64 0.01 | 32.80 1.38 0.01 | 30.47 1.31 0.00 | 29.56 1.38 0.00 |
| ASTORIA_GT_7 24107 | 25.52 0.65 0.00 | 24.07 0.75 0.00 | 22.75 0.71 0.00 | 22.84 0.69 0.00 | 23.28 0.74 0.00 | 26.12 0.46 0.00 | 30.45 0.86 0.01 | 34.69 1.53 0.01 | 34.00 1.65 0.01 | 33.81 1.69 0.94 | 32.51 1.46 0.01 | 31.74 1.51 0.01 | 31.04 1.51 0.01 | 30.58 1.51 0.01 | 30.51 1.51 0.01 | 32.55 1.78 0.01 | 39.99 2.72 0.01 | 49.24 3.35 0.01 | 44.17 2.89 0.01 | 41.40 2.71 0.01 | 34.48 1.64 0.01 | 32.80 1.38 0.01 | 30.47 1.31 0.00 | 29.56 1.38 0.00 |
| ASTORIA_GT_8 24108 | 25.62 0.75 0.00 | 24.07 0.75 0.00 | 22.75 0.71 0.00 | 22.84 0.69 0.00 | 23.28 0.74 0.00 | 26.12 0.46 0.00 | 30.42 0.83 0.00 | 34.66 1.49 0.00 | 33.91 1.55 0.00 | 34.16 1.65 0.55 | 32.52 1.46 0.00 | 31.69 1.45 0.00 | 31.02 1.48 0.00 | 30.53 1.45 0.00 | 30.49 1.48 0.00 | 32.34 1.57 0.00 | 39.92 2.65 0.00 | 49.25 3.35 0.00 | 44.18 2.89 0.00 | 41.41 2.71 0.00 | 34.46 1.61 0.00 | 32.84 1.41 0.00 | 30.47 1.31 0.00 | 29.47 1.30 0.00 |
| ASTORIA___2 24149 | 25.50 0.62 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.01 | 34.62 1.46 0.01 | 33.93 1.59 0.01 | 33.74 1.62 0.94 | 32.48 1.43 0.01 | 31.68 1.45 0.01 | 30.98 1.45 0.01 | 30.52 1.45 0.01 | 30.45 1.45 0.01 | 32.48 1.72 0.01 | 39.95 2.69 0.01 | 49.15 3.26 0.01 | 44.09 2.81 0.01 | 41.32 2.63 0.01 | 34.45 1.61 0.01 | 32.74 1.32 0.01 | 30.41 1.25 0.00 | 29.50 1.32 0.00 |
| ASTORIA___3 23516 | 25.52 0.65 0.00 | 24.00 0.68 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.61 0.00 | 30.69 1.10 0.00 | 34.93 1.76 0.00 | 34.17 1.81 0.00 | 34.01 1.88 0.93 | 32.67 1.61 0.00 | 31.90 1.66 0.00 | 31.19 1.65 0.00 | 30.70 1.63 0.00 | 30.63 1.62 0.00 | 32.68 1.91 0.00 | 40.22 2.94 0.00 | 49.48 3.58 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.65 1.81 0.00 | 33.00 1.57 0.00 | 30.67 1.52 0.00 | 29.56 1.38 0.00 |
| ASTORIA___4 23517 | 25.62 0.75 0.00 | 24.00 0.68 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.62 0.00 | 30.69 1.10 0.00 | 34.86 1.69 0.00 | 34.10 1.75 0.00 | 34.33 1.82 0.55 | 32.64 1.58 0.00 | 31.84 1.60 0.00 | 31.14 1.60 0.00 | 30.67 1.60 0.00 | 30.60 1.60 0.00 | 32.49 1.72 0.00 | 40.11 2.83 0.00 | 49.47 3.58 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.62 1.77 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.50 1.32 0.00 |
| ASTORIA___5 23518 | 25.52 0.65 0.00 | 24.00 0.68 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.61 0.00 | 30.69 1.10 0.00 | 34.90 1.72 0.00 | 34.17 1.81 0.00 | 34.01 1.88 0.93 | 32.67 1.61 0.00 | 31.90 1.66 0.00 | 31.19 1.65 0.00 | 30.70 1.63 0.00 | 30.63 1.62 0.00 | 32.68 1.91 0.00 | 40.22 2.94 0.00 | 49.48 3.58 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.65 1.81 0.00 | 33.00 1.57 0.00 | 30.67 1.52 0.00 | 29.56 1.38 0.00 |
| AST_ENERGY_2_CC3 323677 | 25.42 0.55 0.00 | 23.88 0.56 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.12 0.58 0.00 | 26.25 0.59 0.00 | 30.72 1.12 0.00 | 34.93 1.76 0.00 | 34.17 1.81 0.00 | 33.98 1.85 0.93 | 32.71 1.65 0.00 | 31.90 1.66 0.00 | 31.19 1.65 0.00 | 30.73 1.66 0.00 | 30.63 1.62 0.00 | 32.65 1.88 0.00 | 40.15 2.87 0.00 | 49.43 3.53 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.65 1.81 0.00 | 33.03 1.60 0.00 | 30.64 1.49 0.00 | 29.44 1.27 0.00 |
| AST_ENERGY_2_CC4 323678 | 25.42 0.55 0.00 | 23.88 0.56 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.12 0.58 0.00 | 26.25 0.59 0.00 | 30.72 1.12 0.00 | 34.93 1.76 0.00 | 34.17 1.81 0.00 | 33.98 1.85 0.93 | 32.71 1.65 0.00 | 31.90 1.66 0.00 | 31.19 1.65 0.00 | 30.73 1.66 0.00 | 30.63 1.62 0.00 | 32.65 1.88 0.00 | 40.15 2.87 0.00 | 49.43 3.53 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.65 1.81 0.00 | 33.03 1.60 0.00 | 30.64 1.49 0.00 | 29.44 1.27 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| ATHENS_STG_1 23668 | 25.27 0.40 0.00 | 23.74 0.42 0.00 | 22.44 0.40 0.00 | 22.58 0.42 0.00 | 22.96 0.43 0.00 | 26.12 0.46 0.00 | 30.24 0.65 0.00 | 34.17 0.99 0.00 | 33.36 1.00 0.00 | 33.26 1.06 0.86 | 32.02 0.96 0.00 | 31.18 0.94 0.00 | 30.46 0.92 0.00 | 30.00 0.93 0.00 | 29.91 0.90 0.00 | 31.82 1.05 0.00 | 38.95 1.68 0.00 | 47.91 2.02 0.00 | 43.10 1.81 0.00 | 40.40 1.70 0.00 | 33.90 1.05 0.00 | 32.37 0.94 0.00 | 30.00 0.85 0.00 | 28.91 0.73 0.00 |
| ATHENS_STG_2 23670 | 25.27 0.40 0.00 | 23.74 0.42 0.00 | 22.44 0.40 0.00 | 22.58 0.42 0.00 | 22.96 0.43 0.00 | 26.12 0.46 0.00 | 30.24 0.65 0.00 | 34.17 0.99 0.00 | 33.36 1.00 0.00 | 33.26 1.06 0.86 | 32.02 0.96 0.00 | 31.18 0.94 0.00 | 30.46 0.92 0.00 | 30.00 0.93 0.00 | 29.91 0.90 0.00 | 31.82 1.05 0.00 | 38.95 1.68 0.00 | 47.91 2.02 0.00 | 43.10 1.81 0.00 | 40.40 1.70 0.00 | 33.90 1.05 0.00 | 32.37 0.94 0.00 | 30.00 0.85 0.00 | 28.91 0.73 0.00 |
| ATHENS_STG_3 23677 | 25.27 0.40 0.00 | 23.74 0.42 0.00 | 22.44 0.40 0.00 | 22.58 0.42 0.00 | 22.96 0.43 0.00 | 26.12 0.46 0.00 | 30.24 0.65 0.00 | 34.17 0.99 0.00 | 33.36 1.00 0.00 | 33.26 1.06 0.86 | 32.02 0.96 0.00 | 31.18 0.94 0.00 | 30.46 0.92 0.00 | 30.00 0.93 0.00 | 29.91 0.90 0.00 | 31.82 1.05 0.00 | 38.95 1.68 0.00 | 47.91 2.02 0.00 | 43.10 1.81 0.00 | 40.40 1.70 0.00 | 33.90 1.05 0.00 | 32.37 0.94 0.00 | 30.00 0.85 0.00 | 28.91 0.73 0.00 |
| AUBURN___LFGE 323710 | 24.80 -0.07 0.00 | 23.30 -0.02 0.00 | 22.00 -0.04 0.00 | 22.09 -0.07 0.00 | 22.47 -0.07 0.00 | 25.71 0.05 0.00 | 29.77 0.18 0.00 | 33.41 0.20 -0.04 | 32.86 0.49 -0.02 | 31.28 0.43 2.21 | 31.77 0.71 0.00 | 30.87 0.64 0.00 | 30.16 0.62 0.00 | 29.77 0.70 0.00 | 29.68 0.67 0.00 | 31.51 0.74 0.00 | 38.55 1.23 -0.04 | 47.50 1.56 -0.04 | 42.81 1.49 -0.04 | 40.09 1.35 -0.04 | 33.83 0.99 0.00 | 32.18 0.75 0.00 | 29.71 0.55 0.00 | 28.77 0.59 0.00 |
| BABYLON_RES_REC 323704 | 26.10 1.22 0.00 | 24.47 1.14 0.00 | 23.19 1.15 0.00 | 23.26 1.11 0.00 | 23.75 1.22 0.00 | 27.07 1.41 0.00 | 31.92 2.16 -0.17 | 37.68 2.79 -1.72 | 37.56 2.72 -2.49 | 40.33 2.78 -4.49 | 38.46 2.49 -4.91 | 38.96 2.48 -6.24 | 39.34 2.51 -7.29 | 37.98 2.47 -6.44 | 39.56 2.41 -8.15 | 42.84 2.71 -9.36 | 50.90 3.99 -9.64 | 71.23 4.82 -20.52 | 60.81 4.25 -15.27 | 55.26 4.02 -12.54 | 46.63 2.89 -10.89 | 40.89 2.67 -6.79 | 33.16 2.36 -1.64 | 39.04 2.28 -8.58 |
| BABYLON___69_KV_BK2 356345 | 26.57 1.69 0.00 | 24.75 1.42 0.00 | 23.48 1.43 0.00 | 23.53 1.37 0.00 | 24.04 1.51 0.00 | 27.41 1.74 0.00 | 32.28 2.52 -0.17 | 38.03 3.12 -1.74 | 37.93 3.04 -2.53 | 41.16 3.14 -4.96 | 38.85 2.80 -4.99 | 39.34 2.75 -6.35 | 39.70 2.75 -7.41 | 38.35 2.73 -6.54 | 40.02 2.73 -8.28 | 43.12 2.95 -9.40 | 51.48 4.44 -9.76 | 71.56 5.51 -20.16 | 61.22 4.91 -15.03 | 55.70 4.64 -12.36 | 47.05 3.35 -10.85 | 41.28 2.99 -6.87 | 33.60 2.77 -1.67 | 39.52 2.62 -8.72 |
| BALL_HILL_WT_PWR 323825 | 24.65 -0.22 0.00 | 22.97 -0.35 0.00 | 21.67 -0.37 0.00 | 21.63 -0.53 0.00 | 21.81 -0.72 0.00 | 24.89 -0.77 0.00 | 28.68 -0.92 0.00 | 31.27 -1.89 0.01 | 30.44 -1.91 0.01 | 26.57 -2.78 3.71 | 29.29 -1.77 0.00 | 28.52 -1.72 0.00 | 27.86 -1.68 0.00 | 27.42 -1.66 0.00 | 27.38 -1.62 0.00 | 28.95 -1.82 0.00 | 34.73 -2.54 0.01 | 42.35 -3.53 0.01 | 39.17 -2.10 0.01 | 36.79 -1.90 0.01 | 31.34 -1.51 0.00 | 29.86 -1.57 0.00 | 27.90 -1.25 0.00 | 27.44 -0.73 0.00 |
| BARON_WINDS___WT_PWR 323822 | 25.50 0.62 0.00 | 23.81 0.49 0.00 | 22.44 0.40 0.00 | 22.42 0.27 0.00 | 22.74 0.20 0.00 | 25.99 0.33 0.00 | 30.07 0.47 0.00 | 33.67 0.46 -0.03 | 32.57 0.20 -0.02 | 29.27 -0.59 3.20 | 31.18 0.12 0.00 | 30.33 0.09 0.00 | 29.63 0.09 0.00 | 29.22 0.15 0.00 | 29.21 0.20 0.00 | 31.08 0.31 0.00 | 37.87 0.56 -0.03 | 46.48 0.55 -0.03 | 42.39 1.07 -0.03 | 39.78 1.05 -0.03 | 33.64 0.79 0.00 | 32.06 0.63 0.00 | 29.71 0.55 0.00 | 28.85 0.68 0.00 |
| BARRETT_IC_1 23704 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |
| BARRETT_IC_10 23701 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |
| BARRETT_IC_11 23702 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |
| BARRETT_IC_12 23703 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |
| BARRETT_IC_2 23705 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |
| BARRETT_IC_3 23706 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |
| BARRETT_IC_4 23707 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| BARRETT_IC_5 23708 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |
| BARRETT_IC_6 23709 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |
| BARRETT_IC_7 23710 | 26.00 1.12 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.30 2.29 -1.84 | 37.25 2.23 -2.67 | 40.79 2.25 -5.48 | 38.39 2.08 -5.25 | 38.97 2.06 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.48 2.15 -35.56 | 58.09 3.28 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.70 2.30 -61.55 | 48.70 2.14 -15.13 | 32.96 2.04 -1.76 | 39.24 1.89 -9.18 |
| BARRETT_IC_8 23711 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |
| BARRETT_IC_9 23700 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |
| BARRETT___1 23545 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |
| BARRETT___2 23546 | 25.85 0.97 -0.01 | 24.24 0.91 -0.01 | 22.98 0.93 -0.01 | 23.05 0.89 -0.01 | 23.53 0.99 -0.01 | 26.77 1.10 -0.01 | 31.56 1.78 -0.19 | 37.33 2.32 -1.84 | 37.29 2.26 -2.67 | 40.44 2.28 -5.10 | 38.39 2.08 -5.25 | 39.00 2.08 -6.68 | 39.43 2.10 -7.80 | 38.02 2.06 -6.88 | 39.75 2.03 -8.71 | 68.61 2.28 -35.56 | 58.16 3.36 -17.53 | 69.63 4.04 -19.70 | 67.14 3.51 -22.35 | 67.14 3.33 -25.12 | 96.73 2.33 -61.55 | 48.70 2.14 -15.13 | 32.93 2.01 -1.76 | 39.30 1.94 -9.18 |
| BATAVIA__115KV_TB1 55881 | 23.98 -0.90 0.00 | 22.76 -0.56 0.00 | 21.52 -0.53 0.00 | 21.49 -0.66 0.00 | 21.72 -0.81 0.00 | 24.86 -0.80 0.00 | 28.77 -0.83 0.00 | 31.40 -1.76 0.02 | 30.66 -1.68 0.01 | 28.87 -1.95 2.25 | 29.41 -1.65 0.00 | 28.70 -1.54 0.00 | 28.03 -1.51 0.00 | 27.62 -1.45 0.00 | 27.56 -1.45 0.00 | 29.26 -1.51 0.00 | 35.43 -1.83 0.02 | 43.49 -2.39 0.02 | 39.53 -1.73 0.02 | 37.13 -1.55 0.02 | 31.57 -1.28 0.00 | 29.98 -1.45 0.00 | 27.96 -1.20 0.00 | 27.44 -0.73 0.00 |
| BAYONEEC___CTG1 323682 | 25.45 0.57 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.14 0.61 0.00 | 26.28 0.61 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.77 1.71 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.79 1.71 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.22 2.94 0.00 | 49.52 3.62 0.00 | 44.46 3.18 0.00 | 41.64 2.94 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.47 1.30 0.00 |
| BAYONEEC___CTG10 323750 | 25.45 0.57 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.14 0.61 0.00 | 26.28 0.61 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.77 1.71 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.79 1.71 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.22 2.94 0.00 | 49.52 3.62 0.00 | 44.46 3.18 0.00 | 41.64 2.94 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.47 1.30 0.00 |
| BAYONEEC___CTG2 323683 | 25.45 0.57 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.14 0.61 0.00 | 26.28 0.61 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.77 1.71 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.79 1.71 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.22 2.94 0.00 | 49.52 3.62 0.00 | 44.46 3.18 0.00 | 41.64 2.94 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.47 1.30 0.00 |
| BAYONEEC___CTG3 323684 | 25.45 0.57 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.14 0.61 0.00 | 26.28 0.61 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.77 1.71 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.79 1.71 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.22 2.94 0.00 | 49.52 3.62 0.00 | 44.46 3.18 0.00 | 41.64 2.94 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.47 1.30 0.00 |
| BAYONEEC___CTG4 323685 | 25.45 0.57 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.14 0.61 0.00 | 26.28 0.61 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.77 1.71 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.79 1.71 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.22 2.94 0.00 | 49.52 3.62 0.00 | 44.46 3.18 0.00 | 41.64 2.94 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.47 1.30 0.00 |
| BAYONEEC___CTG5 323686 | 25.45 0.57 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.14 0.61 0.00 | 26.28 0.61 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.77 1.71 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.79 1.71 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.22 2.94 0.00 | 49.52 3.62 0.00 | 44.46 3.18 0.00 | 41.64 2.94 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.47 1.30 0.00 |
| BAYONEEC___CTG6 323687 | 25.45 0.57 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.14 0.61 0.00 | 26.28 0.61 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.77 1.71 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.79 1.71 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.22 2.94 0.00 | 49.52 3.62 0.00 | 44.46 3.18 0.00 | 41.64 2.94 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.47 1.30 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG7 323688 | 25.45 0.57 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.14 0.61 0.00 | 26.28 0.61 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.77 1.71 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.79 1.71 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.22 2.94 0.00 | 49.52 3.62 0.00 | 44.46 3.18 0.00 | 41.64 2.94 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.47 1.30 0.00 |
| BAYONEEC___CTG8 323689 | 25.45 0.57 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.14 0.61 0.00 | 26.28 0.61 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.77 1.71 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.79 1.71 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.22 2.94 0.00 | 49.52 3.62 0.00 | 44.46 3.18 0.00 | 41.64 2.94 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.47 1.30 0.00 |
| BAYONEEC___CTG9 323749 | 25.45 0.57 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.14 0.61 0.00 | 26.28 0.61 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.77 1.71 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.79 1.71 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.22 2.94 0.00 | 49.52 3.62 0.00 | 44.46 3.18 0.00 | 41.64 2.94 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.47 1.30 0.00 |
| BEACON___LESR 323632 | 25.37 0.50 0.00 | 23.88 0.56 0.00 | 22.62 0.57 0.00 | 22.73 0.58 0.00 | 23.14 0.61 0.00 | 26.17 0.51 0.00 | 30.22 0.62 0.00 | 34.23 1.06 0.00 | 33.42 1.07 0.00 | 33.50 1.16 0.72 | 32.12 1.06 0.00 | 31.27 1.03 0.00 | 30.49 0.95 0.00 | 30.06 0.99 0.00 | 30.02 1.01 0.00 | 31.94 1.17 0.00 | 39.07 1.79 0.00 | 48.14 2.25 0.00 | 43.19 1.90 0.00 | 40.48 1.78 0.00 | 34.06 1.22 0.00 | 32.50 1.07 0.00 | 30.00 0.85 0.00 | 28.88 0.70 0.00 |
| BEAVER RIVER___HYD 24048 | 24.68 -0.20 0.00 | 23.09 -0.23 0.00 | 21.81 -0.24 0.00 | 21.96 -0.20 0.00 | 22.33 -0.20 0.00 | 25.28 -0.38 0.00 | 29.09 -0.50 0.00 | 32.61 -0.56 0.00 | 31.71 -0.65 0.00 | 30.72 -0.73 1.62 | 30.38 -0.68 0.00 | 29.57 -0.67 0.00 | 28.86 -0.68 0.00 | 28.41 -0.67 0.00 | 28.37 -0.64 0.00 | 30.25 -0.52 0.00 | 36.79 -0.49 0.00 | 45.59 -0.46 0.00 | 40.91 -0.37 0.00 | 38.43 -0.27 0.00 | 32.72 -0.13 0.00 | 31.56 0.13 0.00 | 29.22 0.06 0.00 | 28.15 -0.03 0.00 |
| BEEBEE_GT_13 23619 | 24.03 -0.85 0.00 | 22.72 -0.61 0.00 | 21.45 -0.60 0.00 | 21.47 -0.69 0.00 | 21.77 -0.77 0.00 | 24.89 -0.77 0.00 | 28.77 -0.83 0.00 | 31.72 -1.43 0.02 | 30.89 -1.46 0.01 | 29.52 -1.29 2.25 | 29.88 -1.18 0.00 | 29.12 -1.12 0.00 | 28.45 -1.09 0.00 | 28.06 -1.02 0.00 | 27.96 -1.04 0.00 | 29.66 -1.11 0.00 | 36.06 -1.19 0.02 | 44.45 -1.42 0.02 | 40.11 -1.16 0.02 | 37.51 -1.16 0.02 | 31.80 -1.05 0.00 | 30.27 -1.16 0.00 | 28.14 -1.02 0.00 | 27.44 -0.73 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 25.80 0.92 0.00 | 24.16 0.84 0.00 | 22.86 0.82 0.00 | 22.95 0.80 0.00 | 23.37 0.83 0.00 | 26.43 0.77 0.00 | 30.90 1.30 0.00 | 35.10 1.92 0.00 | 34.30 1.94 0.00 | 34.56 2.05 0.55 | 32.80 1.74 0.00 | 31.96 1.72 0.00 | 31.28 1.74 0.00 | 30.82 1.74 0.00 | 30.78 1.77 0.00 | 32.68 1.91 0.00 | 40.44 3.17 0.00 | 50.03 4.13 0.00 | 44.88 3.59 0.00 | 42.06 3.37 0.00 | 34.88 2.04 0.00 | 33.31 1.89 0.00 | 30.96 1.81 0.00 | 29.75 1.58 0.00 |
| BETHLEHEM___GRP 23843 | 25.05 0.17 0.00 | 23.49 0.16 0.00 | 22.27 0.22 0.00 | 22.38 0.22 0.00 | 22.76 0.23 0.00 | 25.63 -0.03 0.00 | 29.59 0.00 0.00 | 33.50 0.33 0.00 | 32.71 0.36 0.00 | 33.10 0.46 0.43 | 31.43 0.37 0.00 | 30.60 0.36 0.00 | 29.87 0.32 0.00 | 29.42 0.35 0.00 | 29.36 0.35 0.00 | 31.14 0.37 0.00 | 38.10 0.82 0.00 | 47.00 1.10 0.00 | 42.19 0.91 0.00 | 39.51 0.81 0.00 | 33.24 0.39 0.00 | 31.74 0.31 0.00 | 29.36 0.20 0.00 | 28.26 0.08 0.00 |
| BETHLEHEM___GS1 323560 | 24.98 0.10 0.00 | 23.49 0.16 0.00 | 22.27 0.22 0.00 | 22.38 0.22 0.00 | 22.76 0.23 0.00 | 25.66 0.00 0.00 | 29.62 0.03 0.00 | 33.50 0.33 0.00 | 32.71 0.36 0.00 | 32.80 0.46 0.72 | 31.43 0.37 0.00 | 30.60 0.36 0.00 | 29.87 0.33 0.00 | 29.42 0.35 0.00 | 29.36 0.35 0.00 | 31.23 0.46 0.00 | 38.17 0.89 0.00 | 46.99 1.10 0.00 | 42.15 0.87 0.00 | 39.51 0.81 0.00 | 33.24 0.40 0.00 | 31.74 0.31 0.00 | 29.39 0.23 0.00 | 28.29 0.11 0.00 |
| BETHLEHEM___GS2 323561 | 24.98 0.10 0.00 | 23.49 0.16 0.00 | 22.27 0.22 0.00 | 22.38 0.22 0.00 | 22.76 0.23 0.00 | 25.66 0.00 0.00 | 29.62 0.03 0.00 | 33.50 0.33 0.00 | 32.71 0.36 0.00 | 32.80 0.46 0.72 | 31.43 0.37 0.00 | 30.60 0.36 0.00 | 29.87 0.33 0.00 | 29.42 0.35 0.00 | 29.36 0.35 0.00 | 31.23 0.46 0.00 | 38.17 0.89 0.00 | 46.99 1.10 0.00 | 42.15 0.87 0.00 | 39.51 0.81 0.00 | 33.24 0.40 0.00 | 31.74 0.31 0.00 | 29.39 0.23 0.00 | 28.29 0.11 0.00 |
| BETHLEHEM___GS3 323562 | 24.98 0.10 0.00 | 23.49 0.16 0.00 | 22.27 0.22 0.00 | 22.38 0.22 0.00 | 22.76 0.23 0.00 | 25.66 0.00 0.00 | 29.62 0.03 0.00 | 33.50 0.33 0.00 | 32.71 0.36 0.00 | 32.80 0.46 0.72 | 31.43 0.37 0.00 | 30.60 0.36 0.00 | 29.87 0.33 0.00 | 29.42 0.35 0.00 | 29.36 0.35 0.00 | 31.23 0.46 0.00 | 38.17 0.89 0.00 | 46.99 1.10 0.00 | 42.15 0.87 0.00 | 39.51 0.81 0.00 | 33.24 0.40 0.00 | 31.74 0.31 0.00 | 29.39 0.23 0.00 | 28.29 0.11 0.00 |
| BETHLEHEM___STEEL 23779 | 24.03 -0.85 0.00 | 22.86 -0.47 0.00 | 21.58 -0.46 0.00 | 21.54 -0.62 0.00 | 21.70 -0.83 0.00 | 24.79 -0.87 0.00 | 28.56 -1.04 0.00 | 30.97 -2.19 0.01 | 30.18 -2.17 0.01 | 27.86 -2.98 2.23 | 28.95 -2.11 0.00 | 28.30 -1.94 0.00 | 27.62 -1.92 0.00 | 27.18 -1.89 0.00 | 27.12 -1.89 0.00 | 28.71 -2.06 0.00 | 34.43 -2.83 0.01 | 41.93 -3.95 0.01 | 38.51 -2.77 0.01 | 36.40 -2.28 0.01 | 31.11 -1.74 0.00 | 29.64 -1.79 0.00 | 27.67 -1.49 0.00 | 27.27 -0.90 0.00 |
| BETHLHEM_115KV_TB1 79974 | 25.10 0.22 0.00 | 23.53 0.21 0.00 | 22.29 0.24 0.00 | 22.42 0.27 0.00 | 22.80 0.27 0.00 | 25.71 0.05 0.00 | 29.71 0.12 0.00 | 33.60 0.43 0.00 | 32.81 0.45 0.00 | 33.16 0.53 0.43 | 31.53 0.47 0.00 | 30.66 0.42 0.00 | 29.95 0.41 0.00 | 29.51 0.44 0.00 | 29.41 0.41 0.00 | 31.23 0.46 0.00 | 38.21 0.93 0.00 | 47.09 1.19 0.00 | 42.28 0.99 0.00 | 39.63 0.93 0.00 | 33.34 0.49 0.00 | 31.84 0.41 0.00 | 29.45 0.29 0.00 | 28.34 0.17 0.00 |
| BETHPAGE_CC_5 323564 | 26.00 1.12 0.00 | 24.40 1.07 0.00 | 23.13 1.08 0.00 | 23.20 1.04 0.00 | 23.68 1.15 0.00 | 26.97 1.31 0.00 | 31.74 1.98 -0.16 | 37.43 2.59 -1.67 | 37.33 2.56 -2.42 | 40.00 2.58 -4.35 | 38.20 2.36 -4.78 | 38.67 2.36 -6.07 | 39.00 2.36 -7.09 | 37.66 2.33 -6.26 | 39.23 2.29 -7.93 | 43.57 2.52 -10.28 | 50.67 3.69 -9.71 | 71.98 4.45 -21.63 | 61.52 3.92 -16.31 | 55.99 3.72 -13.58 | 48.36 2.63 -12.89 | 40.82 2.42 -6.97 | 32.97 2.21 -1.60 | 38.61 2.08 -8.35 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 24.16 -0.72 0.00 | 22.97 -0.35 0.00 | 21.69 -0.35 0.00 | 21.65 -0.51 0.00 | 21.84 -0.70 0.00 | 24.92 -0.74 0.00 | 28.74 -0.86 0.00 | 31.20 -1.96 0.01 | 30.38 -1.97 0.01 | 27.83 -3.01 2.22 | 29.13 -1.93 0.00 | 28.49 -1.75 0.00 | 27.80 -1.74 0.00 | 27.36 -1.72 0.00 | 27.30 -1.71 0.00 | 28.89 -1.88 0.00 | 34.58 -2.68 0.01 | 42.03 -3.86 0.01 | 38.71 -2.56 0.01 | 36.67 -2.01 0.01 | 31.34 -1.51 0.00 | 29.86 -1.57 0.00 | 27.87 -1.28 0.00 | 27.47 -0.70 0.00 |

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| BINGHAMTON___COGEN 23790 | 25.00 0.12 0.00 | 23.49 0.16 0.00 | 22.18 0.13 0.00 | 22.25 0.09 0.00 | 22.62 0.09 0.00 | 25.84 0.18 0.00 | 29.89 0.30 0.00 | 33.52 0.33 -0.02 | 32.49 0.13 -0.01 | 31.18 -0.17 1.71 | 31.28 0.22 0.00 | 30.48 0.24 0.00 | 29.78 0.24 0.00 | 29.33 0.26 0.00 | 29.27 0.26 0.00 | 31.05 0.28 0.00 | 37.85 0.56 -0.02 | 46.55 0.64 -0.02 | 42.09 0.78 -0.02 | 39.52 0.81 -0.02 | 33.34 0.49 0.00 | 31.81 0.38 0.00 | 29.48 0.32 0.00 | 28.51 0.34 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 24.58 -0.30 0.00 | 23.39 0.07 0.00 | 22.11 0.07 0.00 | 22.05 -0.11 0.00 | 22.20 -0.34 0.00 | 25.22 -0.44 0.00 | 29.00 -0.59 0.00 | 31.30 -1.86 0.01 | 30.44 -1.91 0.01 | 27.17 -3.70 2.19 | 29.01 -2.05 0.00 | 28.30 -1.94 0.00 | 27.68 -1.86 0.00 | 27.33 -1.74 0.00 | 27.18 -1.83 0.00 | 28.68 -2.09 0.00 | 34.28 -2.98 0.01 | 41.75 -4.13 0.01 | 38.71 -2.56 0.01 | 36.83 -1.86 0.01 | 31.73 -1.12 0.00 | 30.42 -1.01 0.00 | 28.37 -0.79 0.00 | 27.95 -0.23 0.00 |
| BLACK RIVER___HYD 24047 | 24.53 -0.35 0.00 | 22.95 -0.37 0.00 | 21.67 -0.37 0.00 | 21.80 -0.36 0.00 | 22.20 -0.34 0.00 | 25.28 -0.38 0.00 | 29.18 -0.41 0.00 | 32.71 -0.46 0.00 | 31.71 -0.65 0.00 | 29.97 -0.76 2.34 | 30.44 -0.62 0.00 | 29.60 -0.64 0.00 | 28.86 -0.68 0.00 | 28.46 -0.61 0.00 | 28.46 -0.55 0.00 | 30.43 -0.34 0.00 | 37.16 -0.11 0.00 | 46.10 0.09 -0.11 | 41.41 0.12 0.00 | 38.89 0.19 0.00 | 32.95 0.10 0.00 | 31.56 0.13 0.00 | 29.16 0.00 0.00 | 28.09 -0.08 0.00 |
| BLACKRVR_115KV_TB2 79977 | 24.50 -0.37 0.00 | 22.95 -0.37 0.00 | 21.67 -0.37 0.00 | 21.80 -0.35 0.00 | 22.20 -0.34 0.00 | 25.28 -0.38 0.00 | 29.21 -0.38 0.00 | 32.71 -0.46 0.00 | 31.71 -0.65 0.00 | 30.87 -0.76 1.43 | 30.41 -0.65 0.00 | 29.60 -0.64 0.00 | 28.86 -0.68 0.00 | 28.46 -0.61 0.00 | 28.43 -0.58 0.00 | 30.46 -0.31 0.00 | 37.13 -0.15 0.00 | 46.10 0.09 -0.11 | 41.41 0.12 0.00 | 38.89 0.19 0.00 | 32.95 0.10 0.00 | 31.59 0.16 0.00 | 29.16 0.00 0.00 | 28.12 -0.06 0.00 |
| BLISS_WT_PWR 323608 | 25.00 0.13 0.00 | 23.39 0.07 0.00 | 22.14 0.09 0.00 | 22.05 -0.11 0.00 | 22.17 -0.36 0.00 | 25.17 -0.49 0.00 | 28.88 -0.71 0.00 | 31.07 -2.09 0.01 | 30.21 -2.14 0.01 | 25.45 -3.94 3.68 | 28.86 -2.20 0.00 | 28.06 -2.18 0.00 | 27.44 -2.10 0.00 | 27.10 -1.98 0.00 | 26.98 -2.03 0.00 | 28.46 -2.31 0.00 | 33.98 -3.28 0.01 | 41.43 -4.45 0.01 | 38.88 -2.40 0.01 | 36.60 -2.09 0.01 | 31.53 -1.31 0.00 | 30.23 -1.19 0.00 | 28.25 -0.90 0.00 | 27.89 -0.28 0.00 |
| BLUESTONE___WT_PWR 323821 | 26.40 1.52 0.00 | 24.68 1.35 0.00 | 23.28 1.23 0.00 | 23.40 1.24 0.00 | 23.80 1.26 0.00 | 27.33 1.67 0.00 | 31.73 2.13 0.00 | 35.81 2.62 -0.02 | 34.86 2.49 -0.01 | 32.59 2.15 2.62 | 33.42 2.36 0.00 | 32.54 2.30 0.00 | 31.76 2.22 0.00 | 31.28 2.21 0.00 | 31.24 2.23 0.00 | 33.35 2.58 0.00 | 40.68 3.39 -0.02 | 50.18 4.27 -0.02 | 45.39 3.95 -0.02 | 42.66 3.95 -0.02 | 35.90 3.06 0.00 | 34.10 2.67 0.00 | 31.49 2.33 0.00 | 30.37 2.20 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 25.40 0.52 0.00 | 23.81 0.49 0.00 | 22.53 0.49 0.00 | 22.64 0.49 0.00 | 23.05 0.52 0.00 | 26.10 0.44 0.00 | 30.13 0.53 0.00 | 34.03 0.86 0.00 | 33.23 0.87 0.00 | 33.58 0.96 0.44 | 31.90 0.84 0.00 | 31.03 0.79 0.00 | 30.31 0.77 0.00 | 29.83 0.76 0.00 | 29.76 0.75 0.00 | 31.60 0.83 0.00 | 38.58 1.30 0.00 | 47.55 1.65 0.00 | 42.73 1.44 0.00 | 40.05 1.35 0.00 | 33.77 0.92 0.00 | 32.25 0.82 0.00 | 29.83 0.67 0.00 | 28.74 0.56 0.00 |
| BOC_GAS_DRP 24189 | 25.20 0.32 0.00 | 23.63 0.30 0.00 | 22.36 0.31 0.00 | 22.47 0.31 0.00 | 22.85 0.32 0.00 | 25.92 0.26 0.00 | 29.95 0.36 0.00 | 33.80 0.63 0.00 | 33.00 0.65 0.00 | 33.36 0.73 0.43 | 31.68 0.62 0.00 | 30.84 0.60 0.00 | 30.13 0.59 0.00 | 29.65 0.58 0.00 | 29.59 0.58 0.00 | 31.38 0.62 0.00 | 38.36 1.08 0.00 | 47.27 1.38 0.00 | 42.48 1.20 0.00 | 39.82 1.12 0.00 | 33.51 0.66 0.00 | 32.03 0.60 0.00 | 29.65 0.50 0.00 | 28.54 0.37 0.00 |
| BOONVILLE_115KV_TB1 79983 | 25.20 0.32 0.00 | 23.63 0.30 0.00 | 22.31 0.26 0.00 | 22.45 0.29 0.00 | 22.85 0.32 0.00 | 25.99 0.33 0.00 | 29.98 0.38 0.00 | 33.67 0.50 0.00 | 32.91 0.55 0.00 | 32.78 0.50 0.77 | 31.53 0.47 0.00 | 30.69 0.45 0.00 | 29.95 0.41 0.00 | 29.51 0.44 0.00 | 29.47 0.46 0.00 | 31.38 0.62 0.00 | 38.17 0.89 0.00 | 47.15 1.19 -0.06 | 42.40 1.11 0.00 | 39.82 1.12 0.00 | 33.74 0.89 0.00 | 32.34 0.91 0.00 | 29.94 0.79 0.00 | 28.88 0.70 0.00 |
| BORALEX_4TH_BRANCH 23824 | 25.57 0.70 0.00 | 23.91 0.58 0.00 | 22.60 0.55 0.00 | 22.73 0.58 0.00 | 23.12 0.59 0.00 | 26.46 0.80 0.00 | 30.60 1.01 0.00 | 34.73 1.56 0.00 | 33.91 1.55 0.00 | 34.42 1.79 0.43 | 32.77 1.71 0.00 | 31.84 1.60 0.00 | 31.05 1.51 0.00 | 30.53 1.45 0.00 | 30.37 1.36 0.00 | 32.22 1.45 0.00 | 39.51 2.24 0.00 | 48.69 2.80 0.00 | 43.72 2.44 0.00 | 41.02 2.32 0.00 | 34.39 1.54 0.00 | 32.81 1.38 0.00 | 30.32 1.17 0.00 | 29.13 0.96 0.00 |
| BOWLINE___1 23526 | 25.40 0.52 0.00 | 23.84 0.51 0.00 | 22.56 0.51 0.00 | 22.67 0.51 0.00 | 23.07 0.54 0.00 | 26.25 0.59 0.00 | 30.60 1.01 0.00 | 34.73 1.56 0.00 | 33.94 1.59 0.00 | 33.69 1.59 0.95 | 32.52 1.46 0.00 | 31.69 1.45 0.00 | 30.99 1.45 0.00 | 30.53 1.45 0.00 | 30.43 1.42 0.00 | 32.40 1.63 0.00 | 39.81 2.54 0.00 | 49.06 3.16 0.00 | 44.05 2.77 0.00 | 41.29 2.59 0.00 | 34.49 1.64 0.00 | 32.88 1.45 0.00 | 30.47 1.31 0.00 | 29.30 1.13 0.00 |
| BOWLINE___2 23595 | 25.40 0.52 0.00 | 23.84 0.51 0.00 | 22.56 0.51 0.00 | 22.67 0.51 0.00 | 23.07 0.54 0.00 | 26.25 0.59 0.00 | 30.60 1.01 0.00 | 34.73 1.56 0.00 | 33.94 1.59 0.00 | 33.69 1.59 0.95 | 32.52 1.46 0.00 | 31.69 1.45 0.00 | 30.99 1.45 0.00 | 30.53 1.45 0.00 | 30.43 1.42 0.00 | 32.40 1.63 0.00 | 39.81 2.54 0.00 | 49.06 3.16 0.00 | 44.05 2.77 0.00 | 41.29 2.59 0.00 | 34.49 1.64 0.00 | 32.88 1.45 0.00 | 30.47 1.31 0.00 | 29.30 1.13 0.00 |
| BRADY___115KV_TB2 356060 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.64 0.60 0.00 | 22.80 0.64 0.00 | 23.17 0.63 0.00 | 26.28 0.62 0.00 | 30.22 0.62 0.00 | 33.60 0.43 0.00 | 32.78 0.42 0.00 | 33.12 0.30 0.24 | 31.28 0.22 0.00 | 30.54 0.30 0.00 | 29.84 0.30 0.00 | 29.31 0.23 0.00 | 29.24 0.23 0.00 | 31.11 0.34 0.00 | 36.94 -0.34 0.00 | 45.62 -0.46 -0.19 | 40.96 -0.33 0.00 | 38.43 -0.27 0.00 | 33.11 0.26 0.00 | 31.93 0.50 0.00 | 29.77 0.61 0.00 | 28.80 0.62 0.00 |
| BRANSCOMB___SOLAR 323811 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.93 0.78 0.00 | 23.34 0.81 0.00 | 26.58 0.92 0.00 | 30.84 1.24 0.00 | 34.53 1.36 0.00 | 33.75 1.39 0.00 | 33.88 1.52 0.70 | 32.43 1.37 0.00 | 31.54 1.30 0.00 | 30.78 1.24 0.00 | 30.29 1.22 0.00 | 30.26 1.25 0.00 | 32.22 1.45 0.00 | 39.40 2.12 0.00 | 48.65 2.75 0.00 | 43.60 2.31 0.00 | 40.86 2.17 0.00 | 34.42 1.58 0.00 | 33.09 1.66 0.00 | 30.56 1.40 0.00 | 29.41 1.24 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 26.47 1.59 0.00 | 24.65 1.33 0.00 | 23.39 1.34 0.00 | 23.46 1.31 0.00 | 23.98 1.44 0.00 | 27.30 1.64 0.00 | 32.16 2.40 -0.17 | 37.90 2.95 -1.77 | 37.81 2.88 -2.57 | 41.11 3.01 -5.04 | 38.78 2.64 -5.08 | 39.32 2.63 -6.45 | 39.71 2.63 -7.54 | 38.31 2.59 -6.65 | 40.01 2.58 -8.42 | 41.88 2.80 -8.31 | 51.06 4.21 -9.58 | 70.22 5.23 -19.09 | 59.89 4.62 -13.98 | 54.35 4.37 -11.28 | 44.60 3.15 -8.59 | 40.82 2.80 -6.60 | 33.48 2.62 -1.70 | 39.56 2.51 -8.87 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| BRISTLHL_115KV_TB1 79998 | 24.31 -0.57 0.00 | 22.81 -0.51 0.00 | 21.54 -0.51 0.00 | 21.63 -0.53 0.00 | 22.02 -0.52 0.00 | 25.12 -0.54 0.00 | 28.97 -0.62 0.00 | 32.45 -0.73 -0.01 | 31.36 -1.00 0.00 | 29.71 -0.99 2.36 | 30.41 -0.65 0.00 | 29.60 -0.64 0.00 | 28.95 -0.59 0.00 | 28.55 -0.52 0.00 | 28.49 -0.52 0.00 | 30.18 -0.58 0.00 | 36.84 -0.45 -0.01 | 45.40 -0.50 -0.01 | 40.84 -0.45 -0.01 | 38.28 -0.43 -0.01 | 32.29 -0.56 0.00 | 30.80 -0.63 0.00 | 28.54 -0.61 0.00 | 27.64 -0.54 0.00 |
| BROOKHAVEN___DRP 24191 | 26.54 1.67 0.00 | 24.72 1.40 0.00 | 23.48 1.43 0.00 | 23.55 1.40 0.00 | 24.07 1.53 0.00 | 27.38 1.72 0.00 | 31.90 2.13 -0.17 | 37.54 2.59 -1.78 | 37.53 2.59 -2.59 | 41.14 3.01 -5.07 | 38.50 2.33 -5.11 | 39.03 2.30 -6.50 | 39.49 2.36 -7.59 | 38.10 2.33 -6.70 | 39.75 2.26 -8.48 | 41.38 2.52 -8.09 | 50.67 3.84 -9.56 | 69.48 4.77 -18.81 | 59.22 4.21 -13.72 | 53.75 4.02 -11.03 | 43.78 2.82 -8.11 | 40.44 2.45 -6.56 | 33.17 2.30 -1.71 | 39.73 2.62 -8.93 |
| BROOKLYN_NAVY_YARD 23515 | 25.40 0.52 0.00 | 23.86 0.54 0.00 | 22.58 0.53 0.00 | 22.69 0.53 0.00 | 23.10 0.56 0.00 | 26.22 0.56 0.00 | 30.72 1.12 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.01 1.88 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.68 1.91 0.00 | 40.22 2.94 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.03 1.60 0.00 | 30.67 1.52 0.00 | 29.44 1.27 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 26.02 1.14 0.00 | 24.30 0.98 0.00 | 23.02 0.97 0.00 | 23.11 0.95 0.00 | 23.55 1.01 0.00 | 26.82 1.15 0.00 | 31.52 1.81 -0.12 | 36.93 2.42 -1.34 | 36.69 2.39 -1.94 | 39.22 2.45 -3.71 | 37.15 2.27 -3.82 | 37.33 2.24 -4.85 | 37.45 2.25 -5.67 | 36.29 2.21 -5.00 | 37.54 2.20 -6.33 | 45.61 2.34 -12.50 | 49.71 3.47 -8.96 | 79.63 4.36 -29.38 | 67.43 3.84 -22.30 | 61.00 3.60 -18.70 | 53.97 2.46 -18.66 | 40.64 2.33 -6.89 | 32.57 2.13 -1.28 | 36.72 1.89 -6.65 |
| BROOME_2_LFGE 323671 | 25.10 0.22 0.00 | 23.49 0.16 0.00 | 22.18 0.13 0.00 | 22.25 0.09 0.00 | 22.62 0.09 0.00 | 25.84 0.18 0.00 | 29.86 0.27 0.00 | 33.52 0.33 -0.02 | 32.53 0.16 -0.01 | 30.03 -0.16 2.86 | 31.31 0.25 0.00 | 30.48 0.24 0.00 | 29.78 0.24 0.00 | 29.36 0.29 0.00 | 29.30 0.29 0.00 | 31.14 0.37 0.00 | 37.93 0.63 -0.02 | 46.55 0.64 -0.02 | 42.17 0.87 -0.02 | 39.53 0.81 -0.02 | 33.34 0.49 0.00 | 31.78 0.35 0.00 | 29.45 0.29 0.00 | 28.49 0.31 0.00 |
| BROOME___LFGE 323600 | 25.10 0.22 0.00 | 23.49 0.16 0.00 | 22.18 0.13 0.00 | 22.25 0.09 0.00 | 22.62 0.09 0.00 | 25.84 0.18 0.00 | 29.86 0.27 0.00 | 33.52 0.33 -0.02 | 32.53 0.16 -0.01 | 30.03 -0.16 2.86 | 31.31 0.25 0.00 | 30.48 0.24 0.00 | 29.78 0.24 0.00 | 29.36 0.29 0.00 | 29.30 0.29 0.00 | 31.14 0.37 0.00 | 37.93 0.63 -0.02 | 46.55 0.64 -0.02 | 42.17 0.87 -0.02 | 39.53 0.81 -0.02 | 33.34 0.49 0.00 | 31.78 0.35 0.00 | 29.45 0.29 0.00 | 28.49 0.31 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 24.78 -0.10 0.00 | 23.21 -0.12 0.00 | 21.92 -0.13 0.00 | 22.07 -0.09 0.00 | 22.42 -0.11 0.00 | 25.30 -0.36 0.00 | 29.06 -0.53 0.00 | 32.44 -0.73 0.00 | 31.61 -0.74 0.00 | 31.51 -0.86 0.69 | 30.25 -0.81 0.00 | 29.51 -0.73 0.00 | 28.77 -0.77 0.00 | 28.29 -0.78 0.00 | 28.25 -0.75 0.00 | 30.12 -0.65 0.00 | 36.16 -1.12 0.00 | 44.84 -1.33 -0.28 | 40.17 -1.11 0.00 | 37.69 -1.01 0.00 | 32.32 -0.53 0.00 | 31.24 -0.19 0.00 | 29.07 -0.09 0.00 | 28.06 -0.11 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 25.72 0.85 0.00 | 24.07 0.75 0.00 | 22.78 0.73 0.00 | 22.87 0.71 0.00 | 23.30 0.77 0.00 | 26.46 0.80 0.00 | 30.96 1.36 0.00 | 35.20 2.02 0.00 | 34.43 2.07 0.00 | 34.66 2.15 0.55 | 32.95 1.89 0.00 | 32.11 1.87 0.00 | 31.43 1.89 0.00 | 30.96 1.89 0.00 | 30.89 1.89 0.00 | 32.77 2.00 0.00 | 40.48 3.21 0.00 | 49.98 4.08 0.00 | 44.88 3.59 0.00 | 42.02 3.33 0.00 | 34.95 2.10 0.00 | 33.38 1.95 0.00 | 30.94 1.78 0.00 | 29.67 1.49 0.00 |
| BURROWS___LYONSDAL 23803 | 25.10 0.22 0.00 | 23.51 0.19 0.00 | 22.22 0.18 0.00 | 22.36 0.20 0.00 | 22.76 0.23 0.00 | 25.81 0.15 0.00 | 29.74 0.15 0.00 | 33.40 0.23 0.00 | 32.62 0.26 0.00 | 32.44 0.20 0.82 | 31.25 0.19 0.00 | 30.39 0.15 0.00 | 29.66 0.12 0.00 | 29.22 0.15 0.00 | 29.18 0.17 0.00 | 31.11 0.34 0.00 | 37.84 0.56 0.00 | 46.80 0.83 -0.08 | 42.03 0.74 0.00 | 39.51 0.81 0.00 | 33.51 0.66 0.00 | 32.18 0.75 0.00 | 29.80 0.64 0.00 | 28.74 0.56 0.00 |
| CAITHNESS_CC_1 323624 | 26.29 1.42 0.00 | 24.63 1.31 0.00 | 23.41 1.37 0.00 | 23.49 1.33 0.00 | 23.98 1.44 0.00 | 27.28 1.62 0.00 | 31.93 2.16 -0.17 | 37.64 2.69 -1.78 | 37.60 2.65 -2.59 | 40.80 3.04 -4.70 | 38.59 2.42 -5.11 | 39.16 2.42 -6.50 | 39.67 2.54 -7.59 | 38.24 2.47 -6.70 | 39.84 2.35 -8.48 | 41.53 2.68 -8.08 | 50.78 3.95 -9.56 | 69.43 4.73 -18.80 | 59.17 4.17 -13.72 | 53.70 3.99 -11.02 | 43.80 2.86 -8.10 | 40.59 2.61 -6.55 | 33.14 2.28 -1.71 | 39.65 2.54 -8.93 |
| CALPINE BETH_PAGE_GT4 24209 | 26.15 1.27 0.00 | 24.37 1.05 0.00 | 23.11 1.06 0.00 | 23.18 1.02 0.00 | 23.66 1.13 0.00 | 26.94 1.28 0.00 | 31.64 1.89 -0.15 | 37.21 2.42 -1.62 | 37.10 2.39 -2.35 | 40.05 2.41 -4.58 | 37.93 2.24 -4.63 | 38.33 2.21 -5.88 | 38.63 2.22 -6.87 | 37.32 2.18 -6.07 | 38.86 2.18 -7.68 | 44.23 2.22 -11.24 | 50.47 3.43 -9.76 | 73.07 4.27 -22.91 | 62.51 3.76 -17.47 | 56.93 3.52 -14.72 | 50.26 2.43 -14.98 | 40.90 2.33 -7.14 | 32.86 2.16 -1.55 | 38.23 1.97 -8.08 |
| CALPINE_BETH_PAGE_GT_4 323586 | 26.00 1.12 0.00 | 24.37 1.05 0.00 | 23.11 1.06 0.00 | 23.18 1.02 0.00 | 23.66 1.13 0.00 | 26.94 1.28 0.00 | 31.67 1.92 -0.15 | 37.28 2.49 -1.62 | 37.16 2.46 -2.35 | 39.74 2.48 -4.20 | 37.96 2.27 -4.63 | 38.39 2.27 -5.88 | 38.69 2.27 -6.87 | 37.38 2.24 -6.07 | 38.89 2.20 -7.68 | 44.41 2.40 -11.24 | 50.58 3.54 -9.76 | 73.07 4.27 -22.91 | 62.51 3.76 -17.47 | 56.93 3.52 -14.72 | 50.33 2.50 -14.98 | 40.87 2.29 -7.14 | 32.83 2.13 -1.55 | 38.26 2.00 -8.08 |
| CALPINE_BP_GT1 23823 | 26.00 1.12 0.00 | 24.37 1.05 0.00 | 23.11 1.06 0.00 | 23.18 1.02 0.00 | 23.66 1.13 0.00 | 26.94 1.28 0.00 | 31.67 1.92 -0.15 | 37.28 2.49 -1.62 | 37.16 2.46 -2.35 | 39.74 2.48 -4.20 | 37.96 2.27 -4.63 | 38.39 2.27 -5.88 | 38.69 2.27 -6.87 | 37.38 2.24 -6.07 | 38.89 2.20 -7.68 | 44.41 2.40 -11.24 | 50.58 3.54 -9.76 | 73.07 4.27 -22.91 | 62.51 3.76 -17.47 | 56.93 3.52 -14.72 | 50.33 2.50 -14.98 | 40.87 2.29 -7.14 | 32.83 2.13 -1.55 | 38.26 2.00 -8.08 |
| CALSPAN___DRP 24200 | 24.03 -0.85 0.00 | 22.86 -0.47 0.00 | 21.58 -0.46 0.00 | 21.54 -0.62 0.00 | 21.70 -0.83 0.00 | 24.79 -0.87 0.00 | 28.56 -1.04 0.00 | 30.97 -2.19 0.01 | 30.18 -2.17 0.01 | 27.86 -2.98 2.23 | 28.95 -2.11 0.00 | 28.30 -1.94 0.00 | 27.62 -1.92 0.00 | 27.18 -1.89 0.00 | 27.12 -1.89 0.00 | 28.71 -2.06 0.00 | 34.43 -2.83 0.01 | 41.93 -3.95 0.01 | 38.51 -2.77 0.01 | 36.40 -2.28 0.01 | 31.11 -1.74 0.00 | 29.64 -1.79 0.00 | 27.67 -1.49 0.00 | 27.27 -0.90 0.00 |

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| CALVERTON___SOLAR 323806 | 26.47 1.59 0.00 | 24.82 1.49 0.00 | 23.57 1.52 0.00 | 23.64 1.48 0.00 | 24.16 1.62 0.00 | 27.48 1.82 0.00 | 32.05 2.28 -0.17 | 37.71 2.75 -1.78 | 37.69 2.75 -2.59 | 41.03 3.27 -4.69 | 38.68 2.51 -5.11 | 39.24 2.51 -6.50 | 39.79 2.66 -7.59 | 38.33 2.56 -6.70 | 39.92 2.44 -8.48 | 41.63 2.77 -8.09 | 50.94 4.10 -9.56 | 69.62 4.91 -18.81 | 59.38 4.37 -13.72 | 53.87 4.14 -11.03 | 43.92 2.96 -8.11 | 40.69 2.70 -6.56 | 33.20 2.33 -1.71 | 39.90 2.79 -8.93 |
| CANDIGU_WT_PWR 323617 | 25.50 0.62 0.00 | 23.81 0.49 0.00 | 22.44 0.40 0.00 | 22.42 0.27 0.00 | 22.74 0.20 0.00 | 25.99 0.33 0.00 | 30.07 0.47 0.00 | 33.67 0.46 -0.03 | 32.57 0.20 -0.02 | 29.27 -0.59 3.20 | 31.18 0.12 0.00 | 30.33 0.09 0.00 | 29.63 0.09 0.00 | 29.22 0.15 0.00 | 29.21 0.20 0.00 | 31.08 0.31 0.00 | 37.87 0.56 -0.03 | 46.48 0.55 -0.03 | 42.39 1.07 -0.03 | 39.78 1.05 -0.03 | 33.64 0.79 0.00 | 32.06 0.63 0.00 | 29.71 0.55 0.00 | 28.85 0.68 0.00 |
| CARR STREET_E_SYR 24060 | 24.58 -0.30 0.00 | 23.00 -0.33 0.00 | 21.74 -0.31 0.00 | 21.80 -0.36 0.00 | 22.17 -0.36 0.00 | 25.33 -0.33 0.00 | 29.15 -0.44 0.00 | 32.51 -0.66 -0.01 | 31.45 -0.91 0.00 | 28.62 -0.86 3.58 | 30.53 -0.53 0.00 | 29.73 -0.51 0.00 | 29.10 -0.44 0.00 | 28.69 -0.38 0.00 | 28.63 -0.38 0.00 | 30.34 -0.43 0.00 | 36.98 -0.30 -0.01 | 45.53 -0.37 -0.01 | 40.96 -0.33 -0.01 | 38.35 -0.35 -0.01 | 32.39 -0.46 0.00 | 30.86 -0.56 0.00 | 28.60 -0.55 0.00 | 27.70 -0.48 0.00 |
| CARTHAGE___PAPER 23857 | 24.58 -0.30 0.00 | 23.00 -0.33 0.00 | 21.74 -0.31 0.00 | 21.89 -0.26 0.00 | 22.29 -0.25 0.00 | 25.28 -0.38 0.00 | 29.15 -0.44 0.00 | 32.64 -0.53 0.00 | 31.74 -0.62 0.00 | 30.28 -0.73 2.06 | 30.38 -0.68 0.00 | 29.51 -0.73 0.00 | 28.77 -0.77 0.00 | 28.37 -0.70 0.00 | 28.34 -0.67 0.00 | 30.25 -0.52 0.00 | 36.87 -0.41 0.00 | 45.71 -0.32 -0.13 | 41.08 -0.21 0.00 | 38.58 -0.12 0.00 | 32.78 -0.07 0.00 | 31.52 0.09 0.00 | 29.16 0.00 0.00 | 28.09 -0.08 0.00 |
| CASSADAGA_WT_PWR 323784 | 25.27 0.40 0.00 | 23.44 0.12 0.00 | 21.98 -0.07 0.00 | 21.91 -0.24 0.00 | 22.04 -0.50 0.00 | 24.97 -0.69 0.00 | 28.97 -0.62 0.00 | 31.37 -1.79 0.01 | 30.54 -1.81 0.01 | 26.40 -2.98 3.69 | 29.26 -1.80 0.00 | 28.52 -1.72 0.00 | 27.80 -1.74 0.00 | 27.33 -1.74 0.00 | 27.30 -1.71 0.00 | 28.89 -1.88 0.00 | 34.69 -2.57 0.01 | 42.35 -3.53 0.01 | 39.38 -1.90 0.01 | 37.18 -1.51 0.01 | 31.80 -1.05 0.00 | 30.39 -1.04 0.00 | 28.37 -0.79 0.00 | 27.98 -0.20 0.00 |
| CE_DUNWOOD___DRP 24194 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.17 0.63 0.00 | 26.35 0.69 0.00 | 30.75 1.15 0.00 | 34.90 1.72 0.00 | 34.10 1.75 0.00 | 34.33 1.82 0.55 | 32.71 1.65 0.00 | 31.84 1.60 0.00 | 31.16 1.62 0.00 | 30.67 1.60 0.00 | 30.60 1.60 0.00 | 32.46 1.69 0.00 | 40.00 2.72 0.00 | 49.38 3.49 0.00 | 44.34 3.06 0.00 | 41.56 2.86 0.00 | 34.65 1.81 0.00 | 33.06 1.63 0.00 | 30.64 1.49 0.00 | 29.42 1.24 0.00 |
| CE_MILLWOOD___DRP 24193 | 25.55 0.67 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.73 0.58 0.00 | 23.14 0.61 0.00 | 26.30 0.64 0.00 | 30.66 1.07 0.00 | 34.83 1.66 0.00 | 34.01 1.65 0.00 | 34.23 1.72 0.55 | 32.61 1.55 0.00 | 31.78 1.54 0.00 | 31.08 1.54 0.00 | 30.58 1.51 0.00 | 30.55 1.54 0.00 | 32.40 1.63 0.00 | 39.89 2.61 0.00 | 49.25 3.35 0.00 | 44.22 2.93 0.00 | 41.44 2.75 0.00 | 34.56 1.71 0.00 | 33.00 1.57 0.00 | 30.59 1.43 0.00 | 29.36 1.18 0.00 |
| CE_NYC2_DRP 24202 | 25.62 0.75 0.00 | 24.02 0.70 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.30 0.64 0.00 | 30.72 1.12 0.00 | 34.93 1.76 0.00 | 34.14 1.78 0.00 | 34.39 1.88 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.19 1.65 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.52 1.75 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.65 1.81 0.00 | 33.09 1.67 0.00 | 30.70 1.55 0.00 | 29.53 1.35 0.00 |
| CE_NYC_DRP 24195 | 25.57 0.70 0.00 | 23.93 0.61 0.00 | 22.64 0.60 0.00 | 22.76 0.60 0.00 | 23.17 0.63 0.00 | 26.30 0.64 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.43 1.92 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.25 1.71 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.55 1.78 0.00 | 40.18 2.91 0.00 | 49.57 3.67 0.00 | 44.51 3.22 0.00 | 41.71 3.02 0.00 | 34.69 1.84 0.00 | 33.13 1.70 0.00 | 30.70 1.55 0.00 | 29.47 1.30 0.00 |
| CHAFFEE___LFGE 323603 | 24.60 -0.27 0.00 | 22.93 -0.40 0.00 | 21.67 -0.37 0.00 | 21.60 -0.55 0.00 | 21.81 -0.72 0.00 | 24.94 -0.72 0.00 | 28.71 -0.89 0.00 | 31.24 -1.92 0.01 | 30.44 -1.91 0.01 | 26.54 -2.81 3.71 | 29.29 -1.77 0.00 | 28.55 -1.69 0.00 | 27.86 -1.68 0.00 | 27.42 -1.66 0.00 | 27.41 -1.60 0.00 | 28.95 -1.82 0.00 | 34.73 -2.54 0.01 | 42.21 -3.67 0.01 | 39.12 -2.15 0.01 | 36.71 -1.97 0.01 | 31.30 -1.54 0.00 | 29.79 -1.64 0.00 | 27.85 -1.31 0.00 | 27.42 -0.76 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 25.87 1.00 0.00 | 24.21 0.89 0.00 | 22.86 0.82 0.00 | 23.04 0.89 0.00 | 23.44 0.90 0.00 | 26.66 1.00 0.00 | 30.48 0.89 0.00 | 33.97 0.80 0.00 | 33.00 0.65 0.00 | 33.23 0.33 0.17 | 30.97 -0.09 0.00 | 29.91 -0.33 0.00 | 28.95 -0.59 0.00 | 28.17 -0.90 0.00 | 28.11 -0.90 0.00 | 29.75 -1.02 0.00 | 35.45 -1.83 0.00 | 40.71 -2.34 2.85 | 39.51 -1.78 0.00 | 36.99 -1.70 0.00 | 31.90 -0.95 0.00 | 30.77 -0.66 0.00 | 28.66 -0.50 0.00 | 27.98 -0.20 0.00 |
| CHATEAUG_WT_PWR 323614 | 25.80 0.92 0.00 | 24.16 0.84 0.00 | 22.82 0.77 0.00 | 23.00 0.84 0.00 | 23.37 0.83 0.00 | 26.61 0.95 0.00 | 30.36 0.77 0.00 | 33.90 0.73 0.00 | 32.91 0.55 0.00 | 33.12 0.30 0.24 | 30.87 -0.19 0.00 | 29.85 -0.39 0.00 | 28.83 -0.71 0.00 | 28.05 -1.02 0.00 | 27.97 -1.04 0.00 | 29.45 -1.32 0.00 | 35.15 -2.12 0.00 | 40.59 -2.66 2.64 | 39.22 -2.06 0.00 | 36.72 -1.97 0.00 | 31.67 -1.18 0.00 | 30.55 -0.88 0.00 | 28.52 -0.64 0.00 | 27.89 -0.28 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 25.87 1.00 0.00 | 24.21 0.89 0.00 | 22.86 0.82 0.00 | 23.04 0.89 0.00 | 23.44 0.90 0.00 | 26.66 1.00 0.00 | 30.48 0.89 0.00 | 34.00 0.83 0.00 | 33.00 0.65 0.00 | 33.15 0.36 0.27 | 30.97 -0.09 0.00 | 29.91 -0.33 0.00 | 28.95 -0.59 0.00 | 28.17 -0.90 0.00 | 28.11 -0.90 0.00 | 29.60 -1.17 0.00 | 35.38 -1.90 0.00 | 40.71 -2.34 2.84 | 39.47 -1.82 0.00 | 36.99 -1.70 0.00 | 31.89 -0.95 0.00 | 30.77 -0.66 0.00 | 28.66 -0.50 0.00 | 27.98 -0.20 0.00 |
| CHAUTAUQUA___LFGE 323629 | 24.88 0.00 0.00 | 23.16 -0.16 0.00 | 21.83 -0.22 0.00 | 21.76 -0.40 0.00 | 21.93 -0.61 0.00 | 24.99 -0.67 0.00 | 28.86 -0.74 0.00 | 31.40 -1.76 0.01 | 30.60 -1.75 0.01 | 26.75 -2.61 3.70 | 29.38 -1.68 0.00 | 28.64 -1.60 0.00 | 27.94 -1.60 0.00 | 27.47 -1.60 0.00 | 27.47 -1.54 0.00 | 29.05 -1.72 0.00 | 34.92 -2.35 0.01 | 42.63 -3.26 0.01 | 39.38 -1.90 0.01 | 37.02 -1.66 0.01 | 31.57 -1.28 0.00 | 30.11 -1.32 0.00 | 28.11 -1.05 0.00 | 27.64 -0.54 0.00 |
| CHERRYST_13_KV_LD 356241 | 25.62 0.75 0.00 | 23.98 0.65 0.00 | 22.69 0.64 0.00 | 22.80 0.64 0.00 | 23.21 0.68 0.00 | 26.35 0.69 0.00 | 30.87 1.27 0.00 | 35.06 1.89 0.00 | 34.30 1.94 0.00 | 34.53 2.02 0.55 | 32.86 1.80 0.00 | 32.02 1.78 0.00 | 31.34 1.80 0.00 | 30.88 1.80 0.00 | 30.78 1.77 0.00 | 32.65 1.88 0.00 | 40.30 3.02 0.00 | 49.75 3.86 0.00 | 44.63 3.34 0.00 | 41.83 3.13 0.00 | 34.79 1.94 0.00 | 33.22 1.79 0.00 | 30.79 1.63 0.00 | 29.53 1.35 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CHESTROR_138KV_BK263 355645 | 25.40 0.52 0.00 | 23.79 0.47 0.00 | 22.49 0.44 0.00 | 22.60 0.44 0.00 | 23.01 0.47 0.00 | 26.17 0.51 0.00 | 30.45 0.86 0.00 | 34.50 1.33 0.00 | 33.65 1.29 0.00 | 33.77 1.29 0.58 | 32.24 1.18 0.00 | 31.42 1.18 0.00 | 30.72 1.18 0.00 | 30.24 1.16 0.00 | 30.20 1.19 0.00 | 32.06 1.29 0.00 | 39.44 2.16 0.00 | 48.69 2.80 0.00 | 43.76 2.48 0.00 | 40.98 2.28 0.00 | 34.26 1.41 0.00 | 32.72 1.29 0.00 | 30.32 1.17 0.00 | 29.13 0.96 0.00 |
| CH_MIDHUDSON___DRP 24192 | 25.62 0.75 0.00 | 23.98 0.65 0.00 | 22.69 0.64 0.00 | 22.80 0.64 0.00 | 23.21 0.68 0.00 | 26.38 0.72 0.00 | 30.69 1.10 0.00 | 34.76 1.59 0.00 | 33.97 1.62 0.00 | 34.17 1.65 0.54 | 32.55 1.49 0.00 | 31.69 1.45 0.00 | 30.99 1.45 0.00 | 30.50 1.42 0.00 | 30.46 1.45 0.00 | 32.37 1.60 0.00 | 39.74 2.46 0.00 | 49.06 3.17 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.52 1.68 0.00 | 32.94 1.51 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| CH_MISC_IPPS 23765 | 25.60 0.72 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.84 0.69 0.00 | 23.26 0.72 0.00 | 26.43 0.77 0.00 | 30.78 1.19 0.00 | 34.90 1.72 0.00 | 34.07 1.71 0.00 | 33.88 1.75 0.93 | 32.61 1.55 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.58 1.51 0.00 | 30.54 1.54 0.00 | 32.58 1.81 0.00 | 40.00 2.72 0.00 | 49.34 3.44 0.00 | 44.30 3.01 0.00 | 41.52 2.82 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.79 1.63 0.00 | 29.61 1.44 0.00 |
| CH_RES_BVR_FALLS 23983 | 24.98 0.10 0.00 | 23.39 0.07 0.00 | 22.11 0.07 0.00 | 22.25 0.09 0.00 | 22.60 0.07 0.00 | 25.71 0.05 0.00 | 29.57 -0.03 0.00 | 32.97 -0.20 0.00 | 32.10 -0.26 0.00 | 32.49 -0.36 0.21 | 30.53 -0.53 0.00 | 29.66 -0.58 0.00 | 28.95 -0.59 0.00 | 28.46 -0.61 0.00 | 28.40 -0.61 0.00 | 30.12 -0.65 0.00 | 36.35 -0.93 0.00 | 44.75 -1.15 0.00 | 40.29 -0.99 0.00 | 37.77 -0.93 0.00 | 32.29 -0.56 0.00 | 30.99 -0.44 0.00 | 28.81 -0.35 0.00 | 27.89 -0.28 0.00 |
| CH_RES_NIAGARA 23895 | 23.61 -1.27 0.00 | 21.99 -1.33 0.00 | 20.79 -1.26 0.00 | 20.74 -1.42 0.00 | 20.91 -1.62 0.00 | 23.89 -1.77 0.00 | 27.37 -2.22 0.00 | 29.67 -3.48 0.02 | 28.98 -3.37 0.01 | 25.78 -3.51 3.78 | 27.92 -3.14 0.00 | 27.22 -3.02 0.00 | 26.59 -2.95 0.00 | 26.17 -2.91 0.00 | 26.14 -2.87 0.00 | 27.63 -3.14 0.00 | 33.27 -3.99 0.02 | 40.69 -5.19 0.02 | 37.23 -4.04 0.02 | 34.85 -3.83 0.02 | 29.66 -3.19 0.00 | 28.22 -3.21 0.00 | 26.50 -2.65 0.00 | 26.15 -2.03 0.00 |
| CH_RES_SYRACUSE 23985 | 24.73 -0.15 0.00 | 23.14 -0.19 0.00 | 21.87 -0.18 0.00 | 21.96 -0.20 0.00 | 22.33 -0.20 0.00 | 25.51 -0.15 0.00 | 29.42 -0.18 0.00 | 32.96 -0.23 -0.02 | 32.30 -0.06 -0.01 | 29.33 -0.07 3.66 | 31.31 0.25 0.00 | 30.48 0.24 0.00 | 29.81 0.27 0.00 | 29.39 0.32 0.00 | 29.33 0.32 0.00 | 31.11 0.34 0.00 | 37.97 0.67 -0.02 | 46.74 0.83 -0.02 | 42.09 0.78 -0.02 | 39.41 0.70 -0.02 | 33.24 0.40 0.00 | 31.65 0.22 0.00 | 29.27 0.12 0.00 | 28.35 0.17 0.00 |
| CLINTON_WT_PWR 323605 | 25.80 0.92 0.00 | 24.16 0.84 0.00 | 22.82 0.77 0.00 | 23.00 0.84 0.00 | 23.37 0.83 0.00 | 26.61 0.95 0.00 | 30.36 0.77 0.00 | 33.90 0.73 0.00 | 32.91 0.55 0.00 | 33.12 0.30 0.24 | 30.87 -0.19 0.00 | 29.85 -0.39 0.00 | 28.83 -0.71 0.00 | 28.05 -1.02 0.00 | 27.97 -1.04 0.00 | 29.45 -1.32 0.00 | 35.15 -2.12 0.00 | 40.59 -2.66 2.64 | 39.22 -2.06 0.00 | 36.72 -1.97 0.00 | 31.67 -1.18 0.00 | 30.55 -0.88 0.00 | 28.52 -0.64 0.00 | 27.89 -0.28 0.00 |
| CLINTON___LFGE 323618 | 26.17 1.29 0.00 | 24.49 1.17 0.00 | 23.11 1.06 0.00 | 23.31 1.15 0.00 | 23.71 1.17 0.00 | 27.02 1.36 0.00 | 30.81 1.21 0.00 | 34.50 1.33 0.00 | 33.46 1.10 0.00 | 33.64 0.83 0.25 | 31.31 0.25 0.00 | 30.24 0.00 0.00 | 29.22 -0.32 0.00 | 28.41 -0.67 0.00 | 28.34 -0.67 0.00 | 29.88 -0.89 0.00 | 35.86 -1.42 0.00 | 41.45 -1.74 2.70 | 40.13 -1.16 0.00 | 37.54 -1.16 0.00 | 32.36 -0.49 0.00 | 31.18 -0.25 0.00 | 28.98 -0.17 0.00 | 28.40 0.22 0.00 |
| COBBLENY_34_KV_TB1 80064 | 24.13 -0.75 0.00 | 22.93 -0.40 0.00 | 21.67 -0.37 0.00 | 21.60 -0.55 0.00 | 21.81 -0.72 0.00 | 24.92 -0.74 0.00 | 28.74 -0.86 0.00 | 31.24 -1.92 0.01 | 30.44 -1.91 0.01 | 28.04 -2.81 2.21 | 29.20 -1.86 0.00 | 28.55 -1.69 0.00 | 27.86 -1.68 0.00 | 27.42 -1.66 0.00 | 27.33 -1.68 0.00 | 28.95 -1.82 0.00 | 34.73 -2.53 0.01 | 42.21 -3.67 0.01 | 38.80 -2.48 0.01 | 36.71 -1.97 0.01 | 31.37 -1.48 0.00 | 29.89 -1.54 0.00 | 27.87 -1.28 0.00 | 27.44 -0.73 0.00 |
| COFFEEN___115KV_TB3 355620 | 24.63 -0.25 0.00 | 23.04 -0.28 0.00 | 21.76 -0.29 0.00 | 21.91 -0.24 0.00 | 22.31 -0.23 0.00 | 25.43 -0.23 0.00 | 29.42 -0.18 0.00 | 32.94 -0.23 0.00 | 31.91 -0.45 0.00 | 31.01 -0.60 1.46 | 30.59 -0.47 0.00 | 29.76 -0.48 0.00 | 29.01 -0.53 0.00 | 28.61 -0.47 0.00 | 28.60 -0.41 0.00 | 30.68 -0.09 0.00 | 37.47 0.19 0.00 | 46.51 0.50 -0.11 | 41.79 0.50 0.00 | 39.28 0.58 0.00 | 33.24 0.39 0.00 | 31.84 0.41 0.00 | 29.36 0.20 0.00 | 28.29 0.11 0.00 |
| COLDSPRG_115KV_BK1 355956 | 25.23 0.35 0.00 | 23.88 0.56 0.00 | 22.47 0.42 0.00 | 22.42 0.27 0.00 | 22.62 0.09 0.00 | 25.79 0.13 0.00 | 29.95 0.36 0.00 | 32.73 -0.43 0.01 | 31.83 -0.52 0.01 | 28.66 -2.22 2.18 | 30.47 -0.59 0.00 | 29.79 -0.45 0.00 | 29.01 -0.53 0.00 | 28.55 -0.52 0.00 | 28.49 -0.52 0.00 | 30.09 -0.68 0.00 | 36.00 -1.27 0.01 | 43.68 -2.20 0.01 | 40.37 -0.91 0.01 | 38.49 -0.19 0.01 | 32.98 0.13 0.00 | 31.46 0.03 0.00 | 29.24 0.09 0.00 | 28.74 0.56 0.00 |
| COLONIE_LFGE___ 323577 | 25.33 0.45 0.00 | 23.81 0.49 0.00 | 22.51 0.46 0.00 | 22.64 0.49 0.00 | 23.05 0.52 0.00 | 26.25 0.59 0.00 | 30.36 0.77 0.00 | 34.27 1.09 0.00 | 33.46 1.10 0.00 | 33.61 1.26 0.71 | 32.21 1.15 0.00 | 31.33 1.09 0.00 | 30.57 1.03 0.00 | 30.12 1.05 0.00 | 30.02 1.01 0.00 | 31.94 1.17 0.00 | 39.07 1.79 0.00 | 48.10 2.20 0.00 | 43.15 1.86 0.00 | 40.48 1.78 0.00 | 34.03 1.18 0.00 | 32.56 1.13 0.00 | 30.12 0.96 0.00 | 28.96 0.79 0.00 |
| COOPERNY_115KV_TB1 80082 | 25.28 0.40 0.00 | 23.67 0.35 0.00 | 22.38 0.33 0.00 | 22.49 0.33 0.00 | 22.87 0.34 0.00 | 26.05 0.38 0.00 | 30.25 0.65 0.00 | 34.17 1.00 0.00 | 33.33 0.97 0.00 | 33.36 0.96 0.66 | 31.96 0.90 0.00 | 31.15 0.91 0.00 | 30.46 0.92 0.00 | 29.97 0.90 0.00 | 29.94 0.93 0.00 | 31.75 0.98 0.00 | 38.92 1.64 0.00 | 48.05 2.16 0.00 | 43.18 1.90 0.00 | 40.48 1.78 0.00 | 33.93 1.08 0.00 | 32.40 0.97 0.00 | 30.06 0.90 0.00 | 28.91 0.73 0.00 |
| COPENHAGEN_WT_PWR 323753 | 24.51 -0.37 0.00 | 22.90 -0.42 0.00 | 21.65 -0.40 0.00 | 21.78 -0.38 0.00 | 22.17 -0.36 0.00 | 25.22 -0.44 0.00 | 29.15 -0.44 0.00 | 32.64 -0.53 0.00 | 31.64 -0.71 0.00 | 29.76 -0.83 2.47 | 30.41 -0.65 0.00 | 29.57 -0.67 0.00 | 28.83 -0.71 0.00 | 28.43 -0.64 0.00 | 28.43 -0.58 0.00 | 30.37 -0.40 0.00 | 37.10 -0.19 0.00 | 45.96 -0.05 -0.11 | 41.33 0.04 0.00 | 38.78 0.08 0.00 | 32.85 0.00 0.00 | 31.46 0.03 0.00 | 29.07 -0.09 0.00 | 28.01 -0.17 0.00 |
| CORNELL_____ 23752 | 25.35 0.47 0.00 | 23.79 0.47 0.00 | 22.47 0.42 0.00 | 22.56 0.40 0.00 | 22.94 0.41 0.00 | 26.25 0.59 0.00 | 30.39 0.80 0.00 | 34.23 1.03 -0.03 | 33.25 0.87 -0.02 | 31.75 0.63 1.94 | 31.96 0.90 0.00 | 31.06 0.82 0.00 | 30.31 0.77 0.00 | 29.89 0.81 0.00 | 29.85 0.84 0.00 | 31.75 0.98 0.00 | 38.87 1.57 -0.03 | 47.95 2.02 -0.03 | 43.22 1.90 -0.03 | 40.55 1.82 -0.03 | 34.23 1.38 0.00 | 32.59 1.16 0.00 | 30.09 0.93 0.00 | 29.11 0.93 0.00 |

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| CORONA__69_KV_TB1 355595 | 26.08 1.19 0.00 | 24.33 1.00 0.00 | 23.04 0.99 0.00 | 23.11 0.95 0.00 | 23.60 1.06 0.00 | 26.87 1.21 0.00 | 31.64 1.89 -0.16 | 37.26 2.45 -1.63 | 37.15 2.43 -2.37 | 40.25 2.45 -4.75 | 37.98 2.27 -4.66 | 38.39 2.24 -5.92 | 38.69 2.25 -6.91 | 37.38 2.21 -6.10 | 38.93 2.20 -7.72 | 59.59 2.34 -26.48 | 54.85 3.47 -14.11 | 82.68 4.31 -32.47 | 73.36 3.80 -28.28 | 69.13 3.60 -26.84 | 80.06 2.50 -44.71 | 45.55 2.26 -11.86 | 32.91 2.19 -1.56 | 38.29 2.00 -8.11 |
| CORTLAND__115KV_TB3 80093 | 25.10 0.22 0.00 | 23.56 0.23 0.00 | 22.27 0.22 0.00 | 22.33 0.18 0.00 | 22.74 0.20 0.00 | 25.99 0.33 0.00 | 30.04 0.44 0.00 | 33.75 0.56 -0.02 | 32.75 0.39 -0.01 | 31.37 0.20 1.89 | 31.56 0.50 0.00 | 30.69 0.45 0.00 | 29.98 0.44 0.00 | 29.57 0.49 0.00 | 29.50 0.49 0.00 | 31.35 0.58 0.00 | 38.30 1.01 -0.02 | 47.15 1.24 -0.02 | 42.50 1.20 -0.02 | 39.87 1.16 -0.02 | 33.64 0.79 0.00 | 32.09 0.66 0.00 | 29.68 0.52 0.00 | 28.71 0.54 0.00 |
| COXSACKIE__GT 23611 | 26.10 1.22 0.00 | 24.54 1.21 0.00 | 23.22 1.17 0.00 | 23.37 1.22 0.00 | 23.80 1.26 0.00 | 26.87 1.21 0.00 | 31.13 1.54 0.00 | 35.13 1.96 0.00 | 34.23 1.88 0.00 | 34.04 1.75 0.78 | 32.46 1.40 0.00 | 31.48 1.24 0.00 | 30.72 1.18 0.00 | 30.29 1.22 0.00 | 30.40 1.39 0.00 | 32.62 1.85 0.00 | 40.22 2.94 0.00 | 49.66 3.76 0.00 | 44.67 3.39 0.00 | 41.83 3.13 0.00 | 35.18 2.33 0.00 | 33.44 2.01 0.00 | 30.82 1.66 0.00 | 29.67 1.49 0.00 |
| CPV_VALLEY__CC1 323721 | 25.18 0.30 0.00 | 23.65 0.33 0.00 | 22.36 0.31 0.00 | 22.47 0.31 0.00 | 22.87 0.34 0.00 | 26.02 0.36 0.00 | 30.24 0.65 0.00 | 34.27 1.09 0.00 | 33.46 1.10 0.00 | 33.12 1.09 1.03 | 32.08 1.02 0.00 | 31.27 1.03 0.00 | 30.55 1.00 0.00 | 30.09 1.02 0.00 | 30.05 1.04 0.00 | 31.94 1.17 0.00 | 39.18 1.90 0.00 | 48.28 2.39 0.00 | 43.39 2.10 0.00 | 40.63 1.93 0.00 | 34.03 1.18 0.00 | 32.43 1.01 0.00 | 30.09 0.93 0.00 | 28.96 0.79 0.00 |
| CPV_VALLEY__CC2 323722 | 25.18 0.30 0.00 | 23.65 0.33 0.00 | 22.36 0.31 0.00 | 22.47 0.31 0.00 | 22.87 0.34 0.00 | 26.02 0.36 0.00 | 30.24 0.65 0.00 | 34.27 1.09 0.00 | 33.46 1.10 0.00 | 33.12 1.09 1.03 | 32.08 1.02 0.00 | 31.27 1.03 0.00 | 30.55 1.00 0.00 | 30.09 1.02 0.00 | 30.05 1.04 0.00 | 31.94 1.17 0.00 | 39.18 1.90 0.00 | 48.28 2.39 0.00 | 43.39 2.10 0.00 | 40.63 1.93 0.00 | 34.03 1.18 0.00 | 32.43 1.01 0.00 | 30.09 0.93 0.00 | 28.96 0.79 0.00 |
| CRESCENT__HYD 24018 | 25.33 0.45 0.00 | 23.81 0.49 0.00 | 22.51 0.46 0.00 | 22.64 0.49 0.00 | 23.05 0.52 0.00 | 26.25 0.59 0.00 | 30.36 0.77 0.00 | 34.27 1.09 0.00 | 33.46 1.10 0.00 | 33.61 1.26 0.71 | 32.21 1.15 0.00 | 31.33 1.09 0.00 | 30.57 1.03 0.00 | 30.12 1.05 0.00 | 30.02 1.01 0.00 | 31.94 1.17 0.00 | 39.07 1.79 0.00 | 48.10 2.20 0.00 | 43.15 1.86 0.00 | 40.48 1.78 0.00 | 34.03 1.18 0.00 | 32.56 1.13 0.00 | 30.12 0.96 0.00 | 28.96 0.79 0.00 |
| CRICKET__VALLEY_CC1 323756 | 25.30 0.42 0.00 | 23.79 0.47 0.00 | 22.49 0.44 0.00 | 22.62 0.47 0.00 | 23.01 0.47 0.00 | 26.20 0.54 0.00 | 30.36 0.77 0.00 | 34.36 1.19 0.00 | 33.59 1.23 0.00 | 33.56 1.39 0.89 | 32.30 1.24 0.00 | 31.48 1.24 0.00 | 30.75 1.21 0.00 | 30.27 1.19 0.00 | 30.17 1.16 0.00 | 32.09 1.32 0.00 | 39.44 2.16 0.00 | 48.51 2.61 0.00 | 43.51 2.23 0.00 | 40.82 2.13 0.00 | 34.13 1.28 0.00 | 32.56 1.13 0.00 | 30.24 1.08 0.00 | 29.10 0.93 0.00 |
| CRICKET__VALLEY_CC2 323757 | 25.30 0.42 0.00 | 23.79 0.47 0.00 | 22.49 0.44 0.00 | 22.62 0.47 0.00 | 23.01 0.47 0.00 | 26.20 0.54 0.00 | 30.36 0.77 0.00 | 34.36 1.19 0.00 | 33.59 1.23 0.00 | 33.56 1.39 0.89 | 32.30 1.24 0.00 | 31.48 1.24 0.00 | 30.75 1.21 0.00 | 30.27 1.19 0.00 | 30.17 1.16 0.00 | 32.09 1.32 0.00 | 39.44 2.16 0.00 | 48.51 2.61 0.00 | 43.51 2.23 0.00 | 40.82 2.13 0.00 | 34.13 1.28 0.00 | 32.56 1.13 0.00 | 30.24 1.08 0.00 | 29.10 0.93 0.00 |
| CRICKET__VALLEY_CC3 323758 | 25.30 0.42 0.00 | 23.79 0.47 0.00 | 22.49 0.44 0.00 | 22.62 0.47 0.00 | 23.01 0.47 0.00 | 26.20 0.54 0.00 | 30.36 0.77 0.00 | 34.36 1.19 0.00 | 33.59 1.23 0.00 | 33.56 1.39 0.89 | 32.30 1.24 0.00 | 31.48 1.24 0.00 | 30.75 1.21 0.00 | 30.27 1.19 0.00 | 30.17 1.16 0.00 | 32.09 1.32 0.00 | 39.44 2.16 0.00 | 48.51 2.61 0.00 | 43.51 2.23 0.00 | 40.82 2.13 0.00 | 34.13 1.28 0.00 | 32.56 1.13 0.00 | 30.24 1.08 0.00 | 29.10 0.93 0.00 |
| CRUCIBLE_METL_DRP 24180 | 24.65 -0.22 0.00 | 23.14 -0.19 0.00 | 21.87 -0.18 0.00 | 21.96 -0.20 0.00 | 22.33 -0.20 0.00 | 25.51 -0.15 0.00 | 29.45 -0.15 0.00 | 32.96 -0.23 -0.02 | 32.30 -0.06 -0.01 | 30.74 -0.07 2.26 | 31.31 0.25 0.00 | 30.45 0.21 0.00 | 29.78 0.24 0.00 | 29.36 0.29 0.00 | 29.30 0.29 0.00 | 31.08 0.31 0.00 | 37.93 0.63 -0.02 | 46.74 0.83 -0.02 | 42.09 0.78 -0.02 | 39.41 0.70 -0.02 | 33.24 0.39 0.00 | 31.68 0.25 0.00 | 29.33 0.17 0.00 | 28.40 0.23 0.00 |
| DAHOWA__HYDRO 323763 | 25.72 0.85 0.00 | 24.16 0.84 0.00 | 22.84 0.79 0.00 | 23.00 0.84 0.00 | 23.41 0.88 0.00 | 26.69 1.03 0.00 | 30.96 1.36 0.00 | 34.60 1.43 0.00 | 33.78 1.42 0.00 | 33.92 1.55 0.70 | 32.46 1.40 0.00 | 31.57 1.33 0.00 | 30.81 1.27 0.00 | 30.35 1.28 0.00 | 30.32 1.31 0.00 | 32.28 1.51 0.00 | 39.51 2.24 0.00 | 48.79 2.89 0.00 | 43.68 2.39 0.00 | 40.94 2.24 0.00 | 34.49 1.64 0.00 | 33.28 1.85 0.00 | 30.67 1.52 0.00 | 29.53 1.35 0.00 |
| DANC__LFGE 323619 | 24.35 -0.52 0.00 | 22.79 -0.54 0.00 | 21.52 -0.53 0.00 | 21.65 -0.51 0.00 | 22.02 -0.52 0.00 | 25.10 -0.56 0.00 | 28.97 -0.62 0.00 | 32.45 -0.73 -0.01 | 31.42 -0.94 0.00 | 29.12 -0.99 2.95 | 30.28 -0.78 0.00 | 29.45 -0.79 0.00 | 28.77 -0.77 0.00 | 28.37 -0.70 0.00 | 28.34 -0.67 0.00 | 30.22 -0.55 0.00 | 36.87 -0.41 -0.01 | 45.60 -0.37 -0.08 | 41.00 -0.29 -0.01 | 38.47 -0.23 -0.01 | 32.52 -0.33 0.00 | 31.08 -0.35 0.00 | 28.75 -0.41 0.00 | 27.75 -0.42 0.00 |
| DANSKAMMER__1 23586 | 25.60 0.72 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.84 0.69 0.00 | 23.26 0.72 0.00 | 26.43 0.77 0.00 | 30.78 1.19 0.00 | 34.90 1.72 0.00 | 34.07 1.71 0.00 | 33.88 1.75 0.93 | 32.61 1.55 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.58 1.51 0.00 | 30.54 1.54 0.00 | 32.58 1.81 0.00 | 40.00 2.72 0.00 | 49.34 3.44 0.00 | 44.30 3.01 0.00 | 41.52 2.82 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.79 1.63 0.00 | 29.61 1.44 0.00 |
| DANSKAMMER__2 23589 | 25.60 0.72 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.84 0.69 0.00 | 23.26 0.72 0.00 | 26.43 0.77 0.00 | 30.78 1.19 0.00 | 34.90 1.72 0.00 | 34.07 1.71 0.00 | 33.88 1.75 0.93 | 32.61 1.55 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.58 1.51 0.00 | 30.54 1.54 0.00 | 32.58 1.81 0.00 | 40.00 2.72 0.00 | 49.34 3.44 0.00 | 44.30 3.01 0.00 | 41.52 2.82 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.79 1.63 0.00 | 29.61 1.44 0.00 |
| DANSKAMMER__3 23590 | 25.60 0.72 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.84 0.69 0.00 | 23.26 0.72 0.00 | 26.43 0.77 0.00 | 30.78 1.19 0.00 | 34.90 1.72 0.00 | 34.07 1.71 0.00 | 33.88 1.75 0.93 | 32.61 1.55 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.58 1.51 0.00 | 30.54 1.54 0.00 | 32.58 1.81 0.00 | 40.00 2.72 0.00 | 49.34 3.44 0.00 | 44.30 3.01 0.00 | 41.52 2.82 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.79 1.63 0.00 | 29.61 1.44 0.00 |

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| DANSKAMMER___4 23591 | 25.60 0.72 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.84 0.69 0.00 | 23.26 0.72 0.00 | 26.43 0.77 0.00 | 30.78 1.19 0.00 | 34.90 1.72 0.00 | 34.07 1.71 0.00 | 33.88 1.75 0.93 | 32.61 1.55 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.58 1.51 0.00 | 30.54 1.54 0.00 | 32.58 1.81 0.00 | 40.00 2.72 0.00 | 49.34 3.44 0.00 | 44.30 3.01 0.00 | 41.52 2.82 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.79 1.63 0.00 | 29.61 1.44 0.00 |
| DANSKAMMER___DIESEL 23592 | 25.67 0.80 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.84 0.69 0.00 | 23.26 0.72 0.00 | 26.43 0.77 0.00 | 30.75 1.15 0.00 | 34.86 1.69 0.00 | 34.04 1.68 0.00 | 34.20 1.69 0.55 | 32.58 1.52 0.00 | 31.72 1.48 0.00 | 31.02 1.48 0.00 | 30.53 1.45 0.00 | 30.52 1.51 0.00 | 32.43 1.66 0.00 | 39.92 2.65 0.00 | 49.34 3.44 0.00 | 44.30 3.01 0.00 | 41.52 2.82 0.00 | 34.69 1.84 0.00 | 33.09 1.67 0.00 | 30.82 1.66 0.00 | 29.58 1.41 0.00 |
| DARBY___SOLAR 323810 | 25.67 0.80 0.00 | 24.12 0.79 0.00 | 22.80 0.75 0.00 | 22.93 0.78 0.00 | 23.34 0.81 0.00 | 26.61 0.95 0.00 | 30.87 1.27 0.00 | 34.57 1.39 0.00 | 33.75 1.39 0.00 | 33.88 1.52 0.70 | 32.43 1.37 0.00 | 31.54 1.30 0.00 | 30.78 1.24 0.00 | 30.32 1.25 0.00 | 30.26 1.25 0.00 | 32.22 1.45 0.00 | 39.40 2.12 0.00 | 48.65 2.75 0.00 | 43.60 2.31 0.00 | 40.86 2.17 0.00 | 34.42 1.58 0.00 | 33.13 1.70 0.00 | 30.59 1.43 0.00 | 29.44 1.27 0.00 |
| DASHVILLE___HYD 23610 | 25.52 0.65 0.00 | 23.91 0.58 0.00 | 22.60 0.55 0.00 | 22.71 0.55 0.00 | 23.12 0.59 0.00 | 26.33 0.67 0.00 | 30.57 0.98 0.00 | 34.57 1.39 0.00 | 33.75 1.39 0.00 | 33.92 1.39 0.53 | 32.27 1.21 0.00 | 31.42 1.18 0.00 | 30.72 1.18 0.00 | 30.26 1.19 0.00 | 30.23 1.22 0.00 | 32.12 1.35 0.00 | 39.66 2.39 0.00 | 48.97 3.07 0.00 | 44.05 2.77 0.00 | 41.25 2.55 0.00 | 34.49 1.64 0.00 | 32.91 1.48 0.00 | 30.62 1.46 0.00 | 29.42 1.24 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 27.12 2.24 0.00 | 25.26 1.94 0.00 | 23.99 1.94 0.00 | 24.06 1.91 0.00 | 24.58 2.05 0.00 | 28.00 2.34 0.00 | 32.55 2.78 -0.17 | 38.31 3.35 -1.78 | 38.28 3.33 -2.59 | 41.97 3.84 -5.07 | 39.18 3.01 -5.11 | 39.64 2.90 -6.49 | 40.11 2.98 -7.59 | 38.73 2.97 -6.70 | 40.36 2.87 -8.48 | 42.06 3.20 -8.09 | 51.57 4.73 -9.56 | 70.72 6.01 -18.82 | 60.38 5.37 -13.73 | 54.80 5.07 -11.03 | 44.64 3.68 -8.12 | 41.19 3.21 -6.56 | 33.78 2.92 -1.71 | 40.43 3.32 -8.93 |
| DELAWARE___LFGE 323621 | 25.45 0.57 0.00 | 23.86 0.54 0.00 | 22.53 0.49 0.00 | 22.64 0.49 0.00 | 23.03 0.50 0.00 | 26.30 0.64 0.00 | 30.48 0.89 0.00 | 34.34 1.16 -0.01 | 33.46 1.10 0.00 | 32.84 1.02 1.24 | 32.15 1.09 0.00 | 31.33 1.09 0.00 | 30.60 1.06 0.00 | 30.15 1.08 0.00 | 30.08 1.07 0.00 | 31.94 1.17 0.00 | 39.07 1.79 -0.01 | 48.15 2.25 -0.01 | 43.40 2.11 -0.01 | 40.76 2.05 -0.01 | 34.23 1.38 0.00 | 32.65 1.23 0.00 | 30.24 1.08 0.00 | 29.13 0.96 0.00 |
| DERFIELD_115KV_TB7 355931 | 24.95 0.07 0.00 | 23.37 0.05 0.00 | 22.11 0.07 0.00 | 22.22 0.07 0.00 | 22.60 0.07 0.00 | 25.74 0.08 0.00 | 29.68 0.09 0.00 | 33.30 0.13 0.00 | 32.65 0.29 0.30 | 33.06 0.30 0.30 | 31.28 0.22 0.00 | 30.42 0.18 0.00 | 29.72 0.18 0.00 | 29.25 0.17 0.00 | 29.18 0.17 0.00 | 30.98 0.22 0.00 | 37.65 0.37 0.00 | 46.35 0.46 0.00 | 41.70 0.41 0.00 | 39.08 0.39 0.00 | 33.08 0.23 0.00 | 31.65 0.22 0.00 | 29.33 0.17 0.00 | 28.32 0.14 0.00 |
| DOGLEVILLE___HYD 23807 | 25.47 0.60 0.00 | 23.88 0.56 0.00 | 22.56 0.51 0.00 | 22.67 0.51 0.00 | 23.05 0.52 0.00 | 26.20 0.54 0.00 | 30.19 0.59 0.00 | 33.80 0.63 0.00 | 33.04 0.68 0.00 | 33.17 0.60 0.49 | 31.46 0.40 0.00 | 30.60 0.36 0.00 | 29.87 0.33 0.00 | 29.39 0.32 0.00 | 29.33 0.32 0.00 | 31.20 0.43 0.00 | 37.95 0.67 0.00 | 46.81 0.92 0.00 | 42.07 0.78 0.00 | 39.47 0.77 0.00 | 33.41 0.56 0.00 | 32.00 0.57 0.00 | 29.71 0.55 0.00 | 28.71 0.53 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 24.36 -0.52 0.00 | 23.11 -0.21 0.00 | 21.81 -0.24 0.00 | 21.74 -0.42 0.00 | 21.93 -0.61 0.00 | 24.99 -0.67 0.00 | 28.85 -0.74 0.00 | 31.40 -1.76 0.01 | 30.57 -1.78 0.01 | 28.24 -2.61 2.21 | 29.29 -1.77 0.00 | 28.64 -1.60 0.00 | 27.95 -1.60 0.00 | 27.50 -1.57 0.00 | 27.41 -1.60 0.00 | 29.02 -1.75 0.00 | 34.92 -2.35 0.01 | 42.62 -3.26 0.01 | 39.09 -2.19 0.01 | 36.98 -1.70 0.01 | 31.63 -1.22 0.00 | 30.14 -1.29 0.00 | 28.11 -1.05 0.00 | 27.64 -0.54 0.00 |
| DUNKIRK___1 23563 | 24.36 -0.52 0.00 | 23.11 -0.21 0.00 | 21.81 -0.24 0.00 | 21.74 -0.42 0.00 | 21.93 -0.61 0.00 | 24.99 -0.67 0.00 | 28.85 -0.74 0.00 | 31.40 -1.76 0.01 | 30.57 -1.78 0.01 | 28.24 -2.61 2.21 | 29.29 -1.77 0.00 | 28.64 -1.60 0.00 | 27.95 -1.60 0.00 | 27.50 -1.57 0.00 | 27.41 -1.60 0.00 | 29.02 -1.75 0.00 | 34.92 -2.35 0.01 | 42.62 -3.26 0.01 | 39.09 -2.19 0.01 | 36.98 -1.70 0.01 | 31.63 -1.22 0.00 | 30.14 -1.29 0.00 | 28.11 -1.05 0.00 | 27.64 -0.54 0.00 |
| DUNKIRK___2 23564 | 24.36 -0.52 0.00 | 23.11 -0.21 0.00 | 21.81 -0.24 0.00 | 21.74 -0.42 0.00 | 21.93 -0.61 0.00 | 24.99 -0.67 0.00 | 28.85 -0.74 0.00 | 31.40 -1.76 0.01 | 30.57 -1.78 0.01 | 28.24 -2.61 2.21 | 29.29 -1.77 0.00 | 28.64 -1.60 0.00 | 27.95 -1.60 0.00 | 27.50 -1.57 0.00 | 27.41 -1.60 0.00 | 29.02 -1.75 0.00 | 34.92 -2.35 0.01 | 42.62 -3.26 0.01 | 39.09 -2.19 0.01 | 36.98 -1.70 0.01 | 31.63 -1.22 0.00 | 30.14 -1.29 0.00 | 28.11 -1.05 0.00 | 27.64 -0.54 0.00 |
| DUNKIRK___3 23565 | 24.28 -0.60 0.00 | 23.04 -0.28 0.00 | 21.74 -0.31 0.00 | 21.69 -0.47 0.00 | 21.88 -0.65 0.00 | 24.97 -0.69 0.00 | 28.83 -0.77 0.00 | 31.40 -1.76 0.01 | 30.57 -1.78 0.01 | 28.15 -2.71 2.20 | 29.32 -1.74 0.00 | 28.64 -1.60 0.00 | 27.95 -1.60 0.00 | 27.50 -1.57 0.00 | 27.44 -1.57 0.00 | 29.02 -1.75 0.00 | 34.88 -2.39 0.01 | 42.53 -3.35 0.01 | 39.04 -2.23 0.01 | 36.94 -1.74 0.01 | 31.57 -1.28 0.00 | 30.11 -1.32 0.00 | 28.08 -1.08 0.00 | 27.61 -0.56 0.00 |
| DUNKIRK___4 23566 | 24.26 -0.62 0.00 | 23.04 -0.28 0.00 | 21.74 -0.31 0.00 | 21.67 -0.49 0.00 | 21.86 -0.68 0.00 | 24.94 -0.72 0.00 | 28.77 -0.83 0.00 | 31.27 -1.89 0.01 | 30.47 -1.88 0.01 | 28.07 -2.78 2.22 | 29.20 -1.86 0.00 | 28.55 -1.69 0.00 | 27.86 -1.68 0.00 | 27.42 -1.66 0.00 | 27.33 -1.68 0.00 | 28.92 -1.85 0.00 | 34.77 -2.50 0.01 | 42.39 -3.49 0.01 | 38.92 -2.35 0.01 | 36.83 -1.86 0.01 | 31.47 -1.38 0.00 | 30.01 -1.41 0.00 | 27.99 -1.17 0.00 | 27.56 -0.62 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 25.62 0.75 0.00 | 23.98 0.65 0.00 | 22.69 0.64 0.00 | 22.78 0.62 0.00 | 23.21 0.68 0.00 | 26.38 0.72 0.00 | 30.81 1.21 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.77 1.71 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.52 1.75 0.00 | 40.07 2.80 0.00 | 49.52 3.63 0.00 | 44.46 3.18 0.00 | 41.64 2.94 0.00 | 34.72 1.87 0.00 | 33.16 1.73 0.00 | 30.70 1.55 0.00 | 29.47 1.30 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 25.50 0.62 0.00 | 23.88 0.56 0.00 | 22.58 0.53 0.00 | 22.69 0.53 0.00 | 23.10 0.56 0.00 | 26.28 0.62 0.00 | 30.57 0.98 0.00 | 34.63 1.46 0.00 | 33.81 1.46 0.00 | 33.95 1.45 0.56 | 32.36 1.30 0.00 | 31.54 1.30 0.00 | 30.81 1.27 0.00 | 30.35 1.28 0.00 | 30.31 1.31 0.00 | 32.22 1.45 0.00 | 39.62 2.35 0.00 | 48.97 3.07 0.00 | 44.01 2.72 0.00 | 41.21 2.52 0.00 | 34.42 1.58 0.00 | 32.87 1.45 0.00 | 30.53 1.37 0.00 | 29.33 1.16 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 25.65 0.77 0.00 | 24.05 0.72 0.00 | 22.75 0.71 0.00 | 22.84 0.69 0.00 | 23.26 0.72 0.00 | 26.20 0.54 0.00 | 30.54 0.95 0.00 | 34.73 1.56 0.00 | 33.97 1.62 0.00 | 34.20 1.69 0.55 | 32.52 1.46 0.00 | 31.69 1.45 0.00 | 31.02 1.48 0.00 | 30.56 1.48 0.00 | 30.49 1.48 0.00 | 32.34 1.57 0.00 | 39.96 2.68 0.00 | 49.29 3.40 0.00 | 44.22 2.93 0.00 | 41.44 2.75 0.00 | 34.46 1.61 0.00 | 32.94 1.51 0.00 | 30.59 1.43 0.00 | 29.50 1.32 0.00 |
| E179THST_13_KV_LOAD 356214 | 25.72 0.85 0.00 | 24.12 0.79 0.00 | 22.82 0.77 0.00 | 22.89 0.73 0.00 | 23.32 0.79 0.00 | 26.28 0.62 0.00 | 30.66 1.07 0.00 | 34.86 1.69 0.00 | 34.10 1.75 0.00 | 34.36 1.85 0.55 | 32.64 1.58 0.00 | 31.81 1.57 0.00 | 31.14 1.60 0.00 | 30.67 1.60 0.00 | 30.60 1.60 0.00 | 32.49 1.72 0.00 | 40.15 2.87 0.00 | 49.52 3.63 0.00 | 44.42 3.14 0.00 | 41.64 2.94 0.00 | 34.62 1.77 0.00 | 33.06 1.63 0.00 | 30.70 1.55 0.00 | 29.61 1.44 0.00 |
| EAST HAMPTON___GT 23717 | 27.24 2.36 0.00 | 25.51 2.19 0.00 | 24.25 2.20 0.00 | 24.28 2.13 0.00 | 24.83 2.30 0.00 | 28.30 2.64 0.00 | 33.02 3.26 -0.17 | 38.84 3.88 -1.78 | 38.79 3.85 -2.59 | 42.19 4.43 -4.69 | 39.68 3.51 -5.11 | 40.18 3.45 -6.49 | 40.70 3.57 -7.59 | 39.26 3.49 -6.70 | 40.85 3.36 -8.48 | 42.65 3.78 -8.09 | 52.28 5.44 -9.56 | 71.41 6.70 -18.82 | 61.04 6.03 -13.73 | 55.42 5.69 -11.03 | 45.17 4.21 -8.12 | 41.82 3.83 -6.56 | 34.19 3.32 -1.71 | 40.82 3.72 -8.93 |
| EAST RIVER___6 23660 | 25.50 0.62 0.00 | 23.95 0.63 0.00 | 22.66 0.62 0.00 | 22.76 0.60 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.84 1.24 0.00 | 35.10 1.92 0.00 | 34.36 2.01 0.00 | 34.21 2.08 0.93 | 32.89 1.83 0.00 | 32.08 1.84 0.00 | 31.37 1.83 0.00 | 30.91 1.83 0.00 | 30.75 1.74 0.00 | 32.77 2.00 0.00 | 40.33 3.06 0.00 | 49.66 3.76 0.00 | 44.55 3.26 0.00 | 41.75 3.06 0.00 | 34.72 1.87 0.00 | 33.06 1.63 0.00 | 30.70 1.54 0.00 | 29.50 1.32 0.00 |
| EAST RIVER___7 23524 | 25.50 0.62 0.00 | 23.95 0.63 0.00 | 22.66 0.62 0.00 | 22.76 0.60 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.84 1.24 0.00 | 35.10 1.92 0.00 | 34.36 2.01 0.00 | 34.21 2.08 0.93 | 32.89 1.83 0.00 | 32.08 1.84 0.00 | 31.37 1.83 0.00 | 30.91 1.83 0.00 | 30.75 1.74 0.00 | 32.77 2.00 0.00 | 40.33 3.06 0.00 | 49.66 3.76 0.00 | 44.55 3.26 0.00 | 41.75 3.06 0.00 | 34.72 1.87 0.00 | 33.06 1.63 0.00 | 30.70 1.54 0.00 | 29.50 1.32 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.17 0.63 0.00 | 26.35 0.69 0.00 | 30.75 1.15 0.00 | 34.90 1.72 0.00 | 34.10 1.75 0.00 | 34.33 1.82 0.55 | 32.71 1.65 0.00 | 31.84 1.60 0.00 | 31.16 1.62 0.00 | 30.67 1.60 0.00 | 30.60 1.60 0.00 | 32.46 1.69 0.00 | 40.00 2.72 0.00 | 49.38 3.49 0.00 | 44.34 3.06 0.00 | 41.56 2.86 0.00 | 34.65 1.81 0.00 | 33.06 1.63 0.00 | 30.64 1.49 0.00 | 29.42 1.24 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 27.24 2.36 0.00 | 25.51 2.19 0.00 | 24.25 2.20 0.00 | 24.31 2.15 0.00 | 24.83 2.30 0.00 | 28.30 2.64 0.00 | 33.05 3.28 -0.17 | 38.87 3.91 -1.78 | 38.83 3.88 -2.59 | 42.19 4.43 -4.69 | 39.71 3.54 -5.11 | 40.18 3.45 -6.49 | 40.73 3.60 -7.59 | 39.26 3.49 -6.70 | 40.85 3.36 -8.48 | 42.65 3.78 -8.09 | 52.32 5.48 -9.56 | 71.46 6.75 -18.82 | 61.09 6.07 -13.73 | 55.45 5.73 -11.03 | 45.20 4.24 -8.12 | 41.85 3.86 -6.56 | 34.19 3.32 -1.71 | 40.82 3.72 -8.93 |
| EAST_PULASKI___ESR 323781 | 24.28 -0.60 0.00 | 22.79 -0.54 0.00 | 21.52 -0.53 0.00 | 21.63 -0.53 0.00 | 21.99 -0.54 0.00 | 25.10 -0.56 0.00 | 28.97 -0.62 0.00 | 32.38 -0.80 -0.01 | 31.32 -1.04 0.00 | 29.90 -1.02 2.13 | 30.31 -0.75 0.00 | 29.51 -0.73 0.00 | 28.83 -0.71 0.00 | 28.43 -0.64 0.00 | 28.37 -0.64 0.00 | 30.15 -0.62 0.00 | 36.80 -0.48 -0.01 | 45.40 -0.50 -0.01 | 40.88 -0.41 -0.01 | 38.32 -0.39 -0.01 | 32.36 -0.49 0.00 | 30.89 -0.53 0.00 | 28.57 -0.58 0.00 | 27.64 -0.54 0.00 |
| EAST_RIVER___1 323558 | 25.47 0.60 0.00 | 23.93 0.61 0.00 | 22.64 0.60 0.00 | 22.76 0.60 0.00 | 23.16 0.63 0.00 | 26.30 0.64 0.00 | 30.78 1.19 0.00 | 35.00 1.82 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.80 1.74 0.00 | 31.99 1.75 0.00 | 31.28 1.74 0.00 | 30.82 1.74 0.00 | 30.72 1.71 0.00 | 32.74 1.97 0.00 | 40.26 2.98 0.00 | 49.57 3.67 0.00 | 44.51 3.22 0.00 | 41.72 3.02 0.00 | 34.72 1.87 0.00 | 33.09 1.66 0.00 | 30.70 1.54 0.00 | 29.50 1.32 0.00 |
| EAST_RIVER___2 323559 | 25.50 0.62 0.00 | 23.95 0.63 0.00 | 22.66 0.62 0.00 | 22.76 0.60 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.84 1.24 0.00 | 35.10 1.92 0.00 | 34.36 2.01 0.00 | 34.21 2.08 0.93 | 32.89 1.83 0.00 | 32.08 1.84 0.00 | 31.37 1.83 0.00 | 30.91 1.83 0.00 | 30.75 1.74 0.00 | 32.77 2.00 0.00 | 40.33 3.06 0.00 | 49.66 3.76 0.00 | 44.55 3.26 0.00 | 41.75 3.06 0.00 | 34.72 1.87 0.00 | 33.06 1.63 0.00 | 30.70 1.54 0.00 | 29.50 1.32 0.00 |
| EAST___DELAWARE_HYD 23607 | 25.50 0.62 0.00 | 23.93 0.61 0.00 | 22.60 0.55 0.00 | 22.73 0.58 0.00 | 23.14 0.61 0.00 | 26.35 0.69 0.00 | 30.66 1.06 0.00 | 34.70 1.53 0.00 | 33.85 1.49 0.00 | 33.45 1.39 1.00 | 32.27 1.21 0.00 | 31.42 1.18 0.00 | 30.72 1.18 0.00 | 30.27 1.19 0.00 | 30.26 1.25 0.00 | 32.31 1.54 0.00 | 39.85 2.57 0.00 | 49.15 3.26 0.00 | 44.22 2.93 0.00 | 41.44 2.75 0.00 | 34.65 1.81 0.00 | 32.97 1.54 0.00 | 30.61 1.46 0.00 | 29.47 1.30 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 25.97 1.09 0.00 | 24.26 0.93 0.00 | 22.82 0.77 0.00 | 22.78 0.62 0.00 | 23.10 0.56 0.00 | 26.40 0.74 0.00 | 30.54 0.95 0.00 | 34.28 1.06 -0.05 | 33.09 0.71 -0.02 | 29.68 -0.10 3.29 | 31.59 0.53 0.00 | 30.66 0.42 0.00 | 29.95 0.41 0.00 | 29.54 0.46 0.00 | 29.56 0.55 0.00 | 31.54 0.77 0.00 | 38.55 1.23 -0.05 | 47.50 1.56 -0.05 | 43.27 1.94 -0.05 | 40.60 1.86 -0.05 | 34.36 1.51 0.00 | 32.75 1.32 0.00 | 30.26 1.11 0.00 | 29.39 1.21 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 24.55 -0.32 0.00 | 23.04 -0.28 0.00 | 21.78 -0.26 0.00 | 21.87 -0.29 0.00 | 22.24 -0.29 0.00 | 25.40 -0.26 0.00 | 29.30 -0.30 0.00 | 32.83 -0.36 -0.02 | 32.43 0.06 -0.01 | 30.83 0.03 2.27 | 31.40 0.34 0.00 | 30.54 0.30 0.00 | 29.87 0.32 0.00 | 29.45 0.38 0.00 | 29.39 0.38 0.00 | 31.17 0.40 0.00 | 38.08 0.78 -0.02 | 46.93 1.01 -0.02 | 42.26 0.95 -0.02 | 39.57 0.85 -0.02 | 33.41 0.56 0.00 | 31.81 0.38 0.00 | 29.42 0.26 0.00 | 28.49 0.31 0.00 |
| ELEC_TRO_TEK 24086 | 25.92 1.04 0.00 | 24.19 0.86 0.00 | 22.91 0.86 0.00 | 23.00 0.84 0.00 | 23.46 0.92 0.00 | 26.71 1.05 0.00 | 31.40 1.69 -0.12 | 36.71 2.26 -1.28 | 36.41 2.20 -1.85 | 38.85 2.25 -3.54 | 36.75 2.05 -3.64 | 36.92 2.06 -4.62 | 37.00 2.07 -5.40 | 35.87 2.04 -4.76 | 37.04 2.00 -6.03 | 48.53 2.12 -15.64 | 50.15 3.28 -9.59 | 81.51 4.08 -31.53 | 69.53 3.55 -24.69 | 63.42 3.37 -21.36 | 60.21 2.30 -25.06 | 41.24 2.11 -7.71 | 32.36 1.98 -1.22 | 36.31 1.80 -6.33 |
| ELLENBURG_WT_PWR 323604 | 25.80 0.92 0.00 | 24.16 0.84 0.00 | 22.82 0.77 0.00 | 23.00 0.84 0.00 | 23.37 0.83 0.00 | 26.61 0.95 0.00 | 30.36 0.77 0.00 | 33.90 0.73 0.00 | 32.91 0.55 0.00 | 33.12 0.30 0.24 | 30.87 -0.19 0.00 | 29.85 -0.39 0.00 | 28.83 -0.71 0.00 | 28.05 -1.02 0.00 | 27.97 -1.04 0.00 | 29.45 -1.32 0.00 | 35.15 -2.12 0.00 | 40.59 -2.66 2.64 | 39.22 -2.06 0.00 | 36.72 -1.97 0.00 | 31.67 -1.18 0.00 | 30.55 -0.88 0.00 | 28.52 -0.64 0.00 | 27.89 -0.28 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 23.81 -1.07 0.00 | 22.65 -0.68 0.00 | 21.41 -0.64 0.00 | 21.34 -0.82 0.00 | 21.52 -1.01 0.00 | 24.58 -1.08 0.00 | 28.32 -1.27 0.00 | 30.74 -2.42 0.01 | 29.95 -2.39 0.01 | 27.82 -3.01 2.24 | 28.76 -2.30 0.00 | 28.09 -2.15 0.00 | 27.41 -2.13 0.00 | 27.01 -2.06 0.00 | 26.92 -2.09 0.00 | 28.49 -2.28 0.00 | 34.24 -3.02 0.01 | 41.80 -4.08 0.01 | 38.26 -3.01 0.01 | 36.13 -2.55 0.01 | 30.84 -2.00 0.00 | 29.39 -2.04 0.00 | 27.44 -1.72 0.00 | 27.05 -1.13 0.00 |
| EMPIRE_CC_1 323656 | 25.05 0.18 0.00 | 23.56 0.23 0.00 | 22.27 0.22 0.00 | 22.40 0.24 0.00 | 22.78 0.25 0.00 | 25.92 0.26 0.00 | 29.86 0.27 0.00 | 33.77 0.60 0.00 | 33.00 0.65 0.00 | 33.10 0.79 0.76 | 31.87 0.81 0.00 | 31.02 0.78 0.00 | 30.28 0.74 0.00 | 29.80 0.73 0.00 | 29.70 0.70 0.00 | 31.60 0.83 0.00 | 38.54 1.27 0.00 | 47.41 1.51 0.00 | 42.57 1.28 0.00 | 39.90 1.20 0.00 | 33.57 0.72 0.00 | 32.12 0.69 0.00 | 29.74 0.58 0.00 | 28.60 0.42 0.00 |
| EMPIRE_CC_2 323658 | 25.05 0.18 0.00 | 23.56 0.23 0.00 | 22.27 0.22 0.00 | 22.40 0.24 0.00 | 22.78 0.25 0.00 | 25.92 0.26 0.00 | 29.86 0.27 0.00 | 33.77 0.60 0.00 | 33.00 0.65 0.00 | 33.10 0.79 0.76 | 31.87 0.81 0.00 | 31.02 0.78 0.00 | 30.28 0.74 0.00 | 29.80 0.73 0.00 | 29.70 0.70 0.00 | 31.60 0.83 0.00 | 38.54 1.27 0.00 | 47.41 1.51 0.00 | 42.57 1.28 0.00 | 39.90 1.20 0.00 | 33.57 0.72 0.00 | 32.12 0.69 0.00 | 29.74 0.58 0.00 | 28.60 0.42 0.00 |
| ENORWICH_115KV_TB1 80156 | 26.67 1.79 0.00 | 25.00 1.68 0.00 | 23.57 1.52 0.00 | 23.69 1.53 0.00 | 24.11 1.58 0.00 | 27.76 2.10 0.00 | 32.29 2.69 0.00 | 36.44 3.25 -0.02 | 35.38 3.01 -0.01 | 33.93 2.55 1.68 | 33.70 2.64 0.00 | 32.78 2.54 0.00 | 31.96 2.42 0.00 | 31.49 2.41 0.00 | 31.47 2.47 0.00 | 33.69 2.92 0.00 | 41.32 4.03 -0.02 | 51.10 5.19 -0.02 | 46.22 4.91 -0.02 | 43.51 4.80 -0.02 | 36.63 3.78 0.00 | 34.76 3.33 0.00 | 32.01 2.86 0.00 | 30.85 2.68 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 24.43 -0.45 0.00 | 23.21 -0.12 0.00 | 21.89 -0.15 0.00 | 21.85 -0.31 0.00 | 22.06 -0.47 0.00 | 25.20 -0.46 0.00 | 29.09 -0.50 0.00 | 32.20 -0.96 0.01 | 31.35 -1.00 0.01 | 27.58 -3.27 2.21 | 30.07 -0.99 0.00 | 29.39 -0.85 0.00 | 28.68 -0.86 0.00 | 28.23 -0.84 0.00 | 28.17 -0.84 0.00 | 29.78 -0.98 0.00 | 35.25 -2.01 0.01 | 42.21 -3.67 0.01 | 39.46 -1.82 0.01 | 37.75 -0.93 0.01 | 32.36 -0.49 0.00 | 30.83 -0.60 0.00 | 28.69 -0.47 0.00 | 28.20 0.03 0.00 |
| ERIE_WT_PWR 323693 | 24.55 -0.32 0.00 | 22.86 -0.47 0.00 | 21.61 -0.44 0.00 | 21.54 -0.62 0.00 | 21.72 -0.81 0.00 | 24.81 -0.85 0.00 | 28.56 -1.04 0.00 | 31.00 -2.16 0.01 | 30.21 -2.14 0.01 | 26.38 -2.94 3.74 | 29.07 -1.99 0.00 | 28.34 -1.90 0.00 | 27.65 -1.89 0.00 | 27.21 -1.86 0.00 | 27.21 -1.80 0.00 | 28.74 -2.03 0.00 | 34.47 -2.80 0.01 | 41.98 -3.90 0.01 | 38.84 -2.44 0.01 | 36.44 -2.25 0.01 | 31.07 -1.77 0.00 | 29.57 -1.85 0.00 | 27.67 -1.49 0.00 | 27.27 -0.90 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 25.52 0.65 0.00 | 23.95 0.63 0.00 | 22.62 0.57 0.00 | 22.73 0.58 0.00 | 23.17 0.63 0.00 | 26.56 0.90 0.00 | 30.90 1.30 0.00 | 34.80 1.63 -0.01 | 33.85 1.49 0.00 | 33.65 1.36 0.77 | 32.43 1.37 0.00 | 31.57 1.33 0.00 | 30.81 1.27 0.00 | 30.35 1.28 0.00 | 30.34 1.33 0.00 | 32.31 1.54 0.00 | 39.63 2.35 -0.01 | 49.02 3.12 -0.01 | 44.14 2.85 -0.01 | 41.41 2.71 -0.01 | 34.85 2.00 0.00 | 33.13 1.70 0.00 | 30.53 1.37 0.00 | 29.42 1.24 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 25.33 0.45 0.00 | 23.77 0.44 0.00 | 22.44 0.40 0.00 | 22.51 0.35 0.00 | 22.92 0.38 0.00 | 26.22 0.56 0.00 | 30.33 0.74 0.00 | 34.13 0.93 -0.03 | 33.15 0.78 -0.02 | 31.69 0.56 1.93 | 31.90 0.84 0.00 | 31.00 0.76 0.00 | 30.25 0.71 0.00 | 29.86 0.78 0.00 | 29.79 0.78 0.00 | 31.69 0.92 0.00 | 38.79 1.49 -0.03 | 47.80 1.88 -0.03 | 43.13 1.82 -0.03 | 40.47 1.74 -0.03 | 34.13 1.28 0.00 | 32.50 1.07 0.00 | 30.03 0.87 0.00 | 29.05 0.87 0.00 |
| ETNA____115KV_TB2 80207 | 25.33 0.45 0.00 | 23.77 0.44 0.00 | 22.44 0.40 0.00 | 22.51 0.35 0.00 | 22.92 0.38 0.00 | 26.22 0.56 0.00 | 30.33 0.74 0.00 | 34.13 0.93 -0.03 | 33.15 0.78 -0.02 | 31.69 0.56 1.93 | 31.90 0.84 0.00 | 31.00 0.76 0.00 | 30.25 0.71 0.00 | 29.86 0.78 0.00 | 29.79 0.78 0.00 | 31.69 0.92 0.00 | 38.79 1.49 -0.03 | 47.80 1.88 -0.03 | 43.13 1.82 -0.03 | 40.47 1.74 -0.03 | 34.13 1.28 0.00 | 32.50 1.07 0.00 | 30.03 0.87 0.00 | 29.05 0.87 0.00 |
| EUCLID__115KV_TB2 356179 | 24.38 -0.50 0.00 | 22.88 -0.44 0.00 | 21.63 -0.42 0.00 | 21.69 -0.47 0.00 | 22.06 -0.47 0.00 | 25.20 -0.46 0.00 | 29.03 -0.56 0.00 | 32.45 -0.73 -0.01 | 31.39 -0.97 0.00 | 29.89 -0.96 2.21 | 30.44 -0.62 0.00 | 29.63 -0.60 0.00 | 28.98 -0.56 0.00 | 28.58 -0.49 0.00 | 28.52 -0.49 0.00 | 30.22 -0.55 0.00 | 36.83 -0.45 -0.01 | 45.40 -0.50 -0.01 | 40.84 -0.45 -0.01 | 38.28 -0.43 -0.01 | 32.32 -0.53 0.00 | 30.83 -0.60 0.00 | 28.57 -0.58 0.00 | 27.70 -0.48 0.00 |
| E_CANADA_CAP_HY 24051 | 25.42 0.55 0.00 | 23.91 0.58 0.00 | 22.58 0.53 0.00 | 22.69 0.53 0.00 | 23.12 0.58 0.00 | 26.48 0.82 0.00 | 30.84 1.24 0.00 | 34.73 1.56 0.00 | 33.78 1.42 0.00 | 33.40 1.36 1.02 | 32.30 1.24 0.00 | 31.42 1.18 0.00 | 30.69 1.15 0.00 | 30.21 1.13 0.00 | 30.23 1.22 0.00 | 32.31 1.54 0.00 | 39.66 2.39 0.00 | 49.15 3.26 0.00 | 44.13 2.85 0.00 | 41.36 2.67 0.00 | 34.89 2.04 0.00 | 33.13 1.70 0.00 | 30.47 1.31 0.00 | 29.33 1.16 0.00 |
| E_CANADA_MHWK_HY 24050 | 25.47 0.60 0.00 | 23.88 0.56 0.00 | 22.56 0.51 0.00 | 22.67 0.51 0.00 | 23.05 0.52 0.00 | 26.20 0.54 0.00 | 30.19 0.59 0.00 | 33.80 0.63 0.00 | 33.04 0.68 0.00 | 33.17 0.60 0.49 | 31.46 0.40 0.00 | 30.60 0.36 0.00 | 29.87 0.33 0.00 | 29.39 0.32 0.00 | 29.33 0.32 0.00 | 31.20 0.43 0.00 | 37.95 0.67 0.00 | 46.81 0.92 0.00 | 42.07 0.78 0.00 | 39.47 0.77 0.00 | 33.41 0.56 0.00 | 32.00 0.57 0.00 | 29.71 0.55 0.00 | 28.71 0.53 0.00 |
| E_FISHKILL__LBMP 23776 | 25.50 0.62 0.00 | 23.86 0.54 0.00 | 22.58 0.53 0.00 | 22.69 0.53 0.00 | 23.10 0.56 0.00 | 26.28 0.62 0.00 | 30.54 0.95 0.00 | 34.63 1.46 0.00 | 33.81 1.46 0.00 | 34.07 1.55 0.54 | 32.46 1.40 0.00 | 31.63 1.39 0.00 | 30.93 1.39 0.00 | 30.44 1.37 0.00 | 30.37 1.36 0.00 | 32.22 1.45 0.00 | 39.62 2.35 0.00 | 48.92 3.03 0.00 | 43.93 2.64 0.00 | 41.17 2.48 0.00 | 34.39 1.54 0.00 | 32.84 1.41 0.00 | 30.44 1.28 0.00 | 29.22 1.04 0.00 |
| FALCON__SEABRD_CC1 323796 | 26.15 1.27 0.00 | 24.49 1.17 0.00 | 23.13 1.08 0.00 | 23.31 1.15 0.00 | 23.71 1.17 0.00 | 26.99 1.33 0.00 | 30.66 1.06 0.00 | 34.20 1.03 0.00 | 33.20 0.84 0.00 | 33.38 0.56 0.24 | 31.09 0.03 0.00 | 30.03 -0.21 0.00 | 29.01 -0.53 0.00 | 28.20 -0.87 0.00 | 28.14 -0.87 0.00 | 29.60 -1.17 0.00 | 35.41 -1.86 0.00 | 40.84 -2.39 2.67 | 39.59 -1.69 0.00 | 37.07 -1.62 0.00 | 31.96 -0.89 0.00 | 30.83 -0.60 0.00 | 28.72 -0.44 0.00 | 28.26 0.08 0.00 |
| FALCON__SEABRD_CC2 323797 | 26.15 1.27 0.00 | 24.49 1.17 0.00 | 23.13 1.08 0.00 | 23.31 1.15 0.00 | 23.71 1.17 0.00 | 26.99 1.33 0.00 | 30.66 1.06 0.00 | 34.20 1.03 0.00 | 33.20 0.84 0.00 | 33.38 0.56 0.24 | 31.09 0.03 0.00 | 30.03 -0.21 0.00 | 29.01 -0.53 0.00 | 28.20 -0.87 0.00 | 28.14 -0.87 0.00 | 29.60 -1.17 0.00 | 35.41 -1.86 0.00 | 40.84 -2.39 2.67 | 39.59 -1.69 0.00 | 37.07 -1.62 0.00 | 31.96 -0.89 0.00 | 30.83 -0.60 0.00 | 28.72 -0.44 0.00 | 28.26 0.08 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| FAR ROCKAWAY___4 23548 | 26.30 1.42 0.00 | 24.52 1.19 0.00 | 23.22 1.17 0.00 | 23.29 1.13 0.00 | 23.78 1.24 0.00 | 27.10 1.44 0.00 | 31.91 2.16 -0.16 | 37.59 2.79 -1.63 | 37.47 2.75 -2.36 | 40.59 2.78 -4.75 | 38.29 2.58 -4.65 | 38.69 2.54 -5.91 | 38.98 2.54 -6.90 | 37.67 2.50 -6.10 | 39.22 2.49 -7.71 | 60.49 2.65 -27.08 | 55.16 3.62 -14.27 | 79.93 4.50 -29.54 | 71.76 3.96 -26.51 | 68.20 3.75 -25.75 | 81.36 2.63 -45.89 | 45.83 2.36 -12.04 | 33.20 2.48 -1.56 | 38.54 2.25 -8.11 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.20 1.84 0.00 | 34.43 1.92 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.25 1.71 0.00 | 30.79 1.72 0.00 | 30.72 1.71 0.00 | 32.58 1.82 0.00 | 40.18 2.91 0.00 | 49.61 3.72 0.00 | 44.55 3.26 0.00 | 41.71 3.02 0.00 | 34.72 1.87 0.00 | 33.16 1.73 0.00 | 30.73 1.57 0.00 | 29.50 1.32 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.20 1.84 0.00 | 34.43 1.92 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.25 1.71 0.00 | 30.79 1.72 0.00 | 30.72 1.71 0.00 | 32.58 1.82 0.00 | 40.18 2.91 0.00 | 49.61 3.72 0.00 | 44.55 3.26 0.00 | 41.75 3.06 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.76 1.60 0.00 | 29.50 1.32 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 25.57 0.70 0.00 | 23.93 0.61 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.17 0.63 0.00 | 26.30 0.64 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.43 1.92 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.25 1.71 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.55 1.78 0.00 | 40.18 2.91 0.00 | 49.61 3.72 0.00 | 44.51 3.22 0.00 | 41.71 3.02 0.00 | 34.72 1.87 0.00 | 33.16 1.73 0.00 | 30.73 1.57 0.00 | 29.47 1.30 0.00 |
| FARRAGUT___LBMP 323566 | 25.55 0.67 0.00 | 23.93 0.61 0.00 | 22.64 0.60 0.00 | 22.73 0.58 0.00 | 23.17 0.63 0.00 | 26.30 0.64 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.74 1.68 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.66 1.65 0.00 | 32.52 1.75 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.13 1.70 0.00 | 30.70 1.55 0.00 | 29.44 1.27 0.00 |
| FENNER___WINDPWR 24204 | 25.33 0.45 0.00 | 23.70 0.37 0.00 | 22.40 0.35 0.00 | 22.51 0.35 0.00 | 22.89 0.36 0.00 | 26.17 0.51 0.00 | 30.24 0.65 0.00 | 33.98 0.79 -0.01 | 33.11 0.74 -0.01 | 31.11 0.63 2.58 | 31.80 0.74 0.00 | 30.94 0.70 0.00 | 30.22 0.68 0.00 | 29.77 0.70 0.00 | 29.73 0.73 0.00 | 31.66 0.89 0.00 | 38.55 1.27 -0.01 | 47.47 1.56 -0.01 | 42.74 1.44 -0.01 | 40.10 1.39 -0.01 | 33.87 1.02 0.00 | 32.31 0.88 0.00 | 29.89 0.73 0.00 | 28.88 0.70 0.00 |
| FIBERTEK___ENERGY 23856 | 24.65 -0.22 0.00 | 23.14 -0.19 0.00 | 21.87 -0.18 0.00 | 21.96 -0.20 0.00 | 22.33 -0.20 0.00 | 25.51 -0.15 0.00 | 29.45 -0.15 0.00 | 32.96 -0.23 -0.02 | 32.30 -0.06 -0.01 | 30.74 -0.07 2.26 | 31.31 0.25 0.00 | 30.45 0.21 0.00 | 29.78 0.24 0.00 | 29.36 0.29 0.00 | 29.30 0.29 0.00 | 31.08 0.31 0.00 | 37.93 0.63 -0.02 | 46.74 0.83 -0.02 | 42.09 0.78 -0.02 | 39.41 0.70 -0.02 | 33.24 0.39 0.00 | 31.68 0.25 0.00 | 29.33 0.17 0.00 | 28.40 0.23 0.00 |
| FITZPATRICK___ 23598 | 24.13 -0.75 0.00 | 22.60 -0.72 0.00 | 21.36 -0.68 0.00 | 21.45 -0.71 0.00 | 21.81 -0.72 0.00 | 24.86 -0.80 0.00 | 28.65 -0.95 0.00 | 31.95 -1.23 0.00 | 30.97 -1.39 0.00 | 27.07 -1.39 4.60 | 29.91 -1.15 0.00 | 29.12 -1.12 0.00 | 28.48 -1.06 0.00 | 28.03 -1.05 0.00 | 27.99 -1.02 0.00 | 29.69 -1.08 0.00 | 36.08 -1.19 0.00 | 44.47 -1.42 0.00 | 40.01 -1.28 0.00 | 37.46 -1.24 0.00 | 31.70 -1.15 0.00 | 30.27 -1.16 0.00 | 28.08 -1.08 0.00 | 27.22 -0.96 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 26.44 1.57 0.00 | 24.63 1.31 0.00 | 23.37 1.32 0.00 | 23.44 1.29 0.00 | 23.95 1.42 0.00 | 27.28 1.62 0.00 | 32.02 2.25 -0.17 | 37.81 2.85 -1.78 | 37.72 2.78 -2.58 | 41.03 2.91 -5.06 | 38.71 2.55 -5.10 | 39.23 2.51 -6.48 | 39.65 2.54 -7.57 | 38.26 2.50 -6.68 | 39.93 2.47 -8.46 | 41.62 2.71 -8.14 | 50.90 4.06 -9.56 | 69.75 4.96 -18.90 | 59.46 4.38 -13.80 | 54.02 4.22 -11.10 | 44.07 2.99 -8.23 | 40.70 2.70 -6.56 | 33.37 2.51 -1.70 | 39.60 2.51 -8.91 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 25.70 0.82 0.00 | 24.07 0.75 0.00 | 22.75 0.71 0.00 | 22.89 0.73 0.00 | 23.28 0.74 0.00 | 26.48 0.82 0.00 | 30.81 1.21 0.00 | 34.90 1.72 0.00 | 34.10 1.75 0.00 | 34.26 1.75 0.55 | 32.64 1.58 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.58 1.51 0.00 | 30.57 1.57 0.00 | 32.49 1.72 0.00 | 40.00 2.72 0.00 | 49.38 3.49 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.72 1.87 0.00 | 33.13 1.70 0.00 | 30.85 1.69 0.00 | 29.61 1.44 0.00 |
| FORT ORANGE___ 23900 | 25.20 0.32 0.00 | 23.72 0.40 0.00 | 22.47 0.42 0.00 | 22.58 0.42 0.00 | 22.96 0.43 0.00 | 25.94 0.28 0.00 | 29.98 0.38 0.00 | 33.90 0.73 0.00 | 33.10 0.74 0.73 | 33.13 0.79 0.00 | 31.74 0.68 0.00 | 30.90 0.66 0.00 | 30.16 0.62 0.00 | 29.71 0.64 0.00 | 29.65 0.64 0.00 | 31.57 0.80 0.00 | 38.62 1.34 0.00 | 47.59 1.70 0.00 | 42.73 1.44 0.00 | 40.05 1.35 0.00 | 33.70 0.85 0.00 | 32.15 0.72 0.00 | 29.74 0.58 0.00 | 28.62 0.45 0.00 |
| FORT_DRUM_COGEN 23780 | 24.53 -0.35 0.00 | 22.95 -0.37 0.00 | 21.69 -0.35 0.00 | 21.82 -0.33 0.00 | 22.22 -0.32 0.00 | 25.28 -0.38 0.00 | 29.18 -0.41 0.00 | 32.71 -0.46 0.00 | 31.71 -0.65 1.40 | 30.90 -0.76 0.00 | 30.41 -0.65 0.00 | 29.60 -0.64 0.00 | 28.86 -0.68 0.00 | 28.46 -0.61 0.00 | 28.43 -0.58 0.00 | 30.43 -0.34 0.00 | 37.13 -0.15 0.00 | 46.05 0.05 -0.11 | 41.37 0.08 0.00 | 38.85 0.15 0.00 | 32.95 0.10 0.00 | 31.59 0.16 0.00 | 29.16 0.00 0.00 | 28.12 -0.06 0.00 |
| FOX_HILLS___ESR 323835 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.93 1.76 0.00 | 34.10 1.75 0.00 | 34.36 1.85 0.55 | 32.61 1.55 0.00 | 31.78 1.54 0.00 | 31.11 1.57 0.00 | 30.64 1.57 0.00 | 30.60 1.60 0.00 | 32.49 1.72 0.00 | 40.26 2.98 0.00 | 49.75 3.86 0.00 | 44.63 3.34 0.00 | 41.83 3.13 0.00 | 34.69 1.84 0.00 | 33.16 1.73 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 26.15 1.27 0.00 | 24.52 1.19 0.00 | 23.22 1.17 0.00 | 23.29 1.13 0.00 | 23.78 1.24 0.00 | 27.08 1.41 0.00 | 31.94 2.19 -0.16 | 37.62 2.82 -1.63 | 37.50 2.78 -2.36 | 40.24 2.81 -4.37 | 38.32 2.61 -4.65 | 38.72 2.57 -5.91 | 39.01 2.57 -6.90 | 37.70 2.53 -6.10 | 39.22 2.50 -7.71 | 60.65 2.80 -27.08 | 55.24 3.69 -14.27 | 79.93 4.50 -29.54 | 71.76 3.96 -26.51 | 68.20 3.75 -25.75 | 81.36 2.63 -45.89 | 45.89 2.42 -12.04 | 33.17 2.45 -1.56 | 38.57 2.28 -8.11 |
| FPL_FAR_ROCK_GT2 23815 | 26.15 1.27 0.00 | 24.52 1.19 0.00 | 23.22 1.17 0.00 | 23.29 1.13 0.00 | 23.78 1.24 0.00 | 27.08 1.41 0.00 | 31.94 2.19 -0.16 | 37.62 2.82 -1.63 | 37.50 2.78 -2.36 | 40.24 2.81 -4.37 | 38.32 2.61 -4.65 | 38.72 2.57 -5.91 | 39.01 2.57 -6.90 | 37.70 2.53 -6.10 | 39.22 2.50 -7.71 | 60.65 2.80 -27.08 | 55.24 3.69 -14.27 | 79.93 4.50 -29.54 | 71.76 3.96 -26.51 | 68.20 3.75 -25.75 | 81.36 2.63 -45.89 | 45.89 2.42 -12.04 | 33.17 2.45 -1.56 | 38.57 2.28 -8.11 |

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| FRANKLIN_FALL_HYD 24054 | 25.92 1.04 0.00 | 24.26 0.93 0.00 | 22.89 0.84 0.00 | 23.09 0.93 0.00 | 23.46 0.92 0.00 | 26.66 1.00 0.00 | 30.54 0.95 0.00 | 34.03 0.86 0.00 | 33.13 0.78 0.00 | 33.34 0.50 0.22 | 31.18 0.12 0.00 | 30.21 -0.03 0.00 | 29.27 -0.27 0.00 | 28.55 -0.52 0.00 | 28.49 -0.52 0.00 | 30.18 -0.58 0.00 | 36.01 -1.27 0.00 | 46.16 -1.56 -1.83 | 40.13 -1.16 0.00 | 37.57 -1.12 0.00 | 32.39 -0.46 0.00 | 31.30 -0.13 0.00 | 29.13 -0.03 0.00 | 28.34 0.17 0.00 |
| FREEPORT_EQUS_GT1 23764 | 26.00 1.12 0.00 | 24.38 1.05 0.00 | 23.09 1.04 0.00 | 23.16 1.00 0.00 | 23.64 1.10 0.00 | 26.92 1.26 0.00 | 31.73 1.98 -0.15 | 37.32 2.59 -1.56 | 37.17 2.56 -2.26 | 39.65 2.55 -4.04 | 37.84 2.33 -4.45 | 38.22 2.33 -5.66 | 38.48 2.33 -6.61 | 37.20 2.30 -5.83 | 38.65 2.26 -7.38 | 47.98 2.55 -14.66 | 51.48 3.73 -10.48 | 75.04 4.54 -24.60 | 64.92 4.00 -19.63 | 59.78 3.79 -17.29 | 57.47 2.69 -21.93 | 41.94 2.45 -8.06 | 32.89 2.25 -1.49 | 38.03 2.08 -7.77 |
| FREEPORT___CT2 23818 | 26.00 1.12 0.00 | 24.38 1.05 0.00 | 23.09 1.04 0.00 | 23.16 1.00 0.00 | 23.64 1.10 0.00 | 26.92 1.26 0.00 | 31.73 1.98 -0.15 | 37.32 2.59 -1.56 | 37.17 2.56 -2.26 | 39.65 2.55 -4.04 | 37.84 2.33 -4.45 | 38.22 2.33 -5.66 | 38.48 2.33 -6.61 | 37.20 2.30 -5.83 | 38.65 2.26 -7.38 | 47.98 2.55 -14.66 | 51.48 3.73 -10.48 | 75.04 4.54 -24.60 | 64.92 4.00 -19.63 | 59.78 3.79 -17.29 | 57.47 2.69 -21.93 | 41.94 2.45 -8.06 | 32.89 2.25 -1.49 | 38.03 2.08 -7.77 |
| FRESHKLS_33_KV_LOAD 356253 | 25.77 0.90 0.00 | 24.14 0.82 0.00 | 22.82 0.77 0.00 | 22.91 0.75 0.00 | 23.35 0.81 0.00 | 26.35 0.69 0.00 | 30.78 1.18 0.00 | 34.93 1.76 0.00 | 34.10 1.75 0.00 | 34.33 1.82 0.55 | 32.55 1.49 0.00 | 31.72 1.48 0.00 | 31.05 1.51 0.00 | 30.58 1.51 0.00 | 30.57 1.57 0.00 | 32.46 1.69 0.00 | 40.26 2.98 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.69 1.84 0.00 | 33.19 1.76 0.00 | 30.88 1.72 0.00 | 29.70 1.52 0.00 |
| FULTON COGEN____ 23766 | 24.31 -0.57 0.00 | 22.81 -0.51 0.00 | 21.54 -0.51 0.00 | 21.63 -0.53 0.00 | 22.02 -0.52 0.00 | 25.12 -0.54 0.00 | 28.97 -0.62 0.00 | 32.45 -0.73 -0.01 | 31.36 -1.00 0.00 | 29.71 -0.99 2.36 | 30.41 -0.65 0.00 | 29.60 -0.64 0.00 | 28.95 -0.59 0.00 | 28.55 -0.52 0.00 | 28.49 -0.52 0.00 | 30.18 -0.58 0.00 | 36.84 -0.45 -0.01 | 45.40 -0.50 -0.01 | 40.84 -0.45 -0.01 | 38.28 -0.43 -0.01 | 32.29 -0.56 0.00 | 30.80 -0.63 0.00 | 28.54 -0.61 0.00 | 27.64 -0.54 0.00 |
| FULTON___LFGE 323630 | 26.74 1.87 0.00 | 25.19 1.87 0.00 | 23.79 1.74 0.00 | 23.89 1.73 0.00 | 24.31 1.78 0.00 | 27.84 2.18 0.00 | 32.50 2.90 0.00 | 36.56 3.39 0.00 | 35.49 3.14 0.00 | 35.24 3.08 0.90 | 33.86 2.80 0.00 | 32.93 2.69 0.00 | 32.23 2.69 0.00 | 31.72 2.65 0.00 | 31.79 2.79 0.00 | 34.15 3.38 0.00 | 42.12 4.84 0.00 | 52.27 6.38 0.00 | 46.73 5.45 0.00 | 43.84 5.15 0.00 | 37.09 4.24 0.00 | 35.20 3.77 0.00 | 32.22 3.06 0.00 | 31.02 2.84 0.00 |
| G.F.CEMENT___DRP 24184 | 25.95 1.07 0.00 | 24.33 1.00 0.00 | 23.00 0.95 0.00 | 23.15 1.00 0.00 | 23.57 1.04 0.00 | 26.89 1.23 0.00 | 31.25 1.66 0.00 | 35.39 2.22 0.00 | 34.59 2.23 0.00 | 35.03 2.38 0.41 | 33.20 2.14 0.00 | 32.30 2.06 0.00 | 31.52 1.98 0.00 | 31.05 1.98 0.00 | 31.04 2.03 0.00 | 32.31 1.54 0.00 | 39.55 2.27 0.00 | 49.02 3.12 0.00 | 43.85 2.56 0.00 | 41.06 2.36 0.00 | 34.59 1.74 0.00 | 32.91 1.48 0.00 | 30.29 1.14 0.00 | 29.78 1.61 0.00 |
| GARDENVILLE___LBMP 24039 | 23.93 -0.95 0.00 | 22.76 -0.56 0.00 | 21.50 -0.55 0.00 | 21.45 -0.71 0.00 | 21.63 -0.90 0.00 | 24.71 -0.95 0.00 | 28.47 -1.12 0.00 | 30.87 -2.29 0.01 | 30.08 -2.26 0.01 | 27.82 -3.01 2.23 | 28.85 -2.21 0.00 | 28.21 -2.03 0.00 | 27.53 -2.01 0.00 | 27.10 -1.98 0.00 | 27.04 -1.97 0.00 | 28.62 -2.15 0.00 | 34.35 -2.91 0.01 | 41.89 -3.99 0.01 | 38.42 -2.85 0.01 | 36.28 -2.40 0.01 | 31.01 -1.84 0.00 | 29.54 -1.89 0.00 | 27.58 -1.57 0.00 | 27.19 -0.99 0.00 |
| GARDNVLA_35_KV_LD 355827 | 24.06 -0.82 0.00 | 22.88 -0.44 0.00 | 21.63 -0.42 0.00 | 21.56 -0.60 0.00 | 21.75 -0.79 0.00 | 24.84 -0.82 0.00 | 28.62 -0.98 0.00 | 31.04 -2.12 0.01 | 30.25 -2.10 0.01 | 27.89 -2.94 2.22 | 29.01 -2.05 0.00 | 28.33 -1.91 0.00 | 27.65 -1.89 0.00 | 27.24 -1.83 0.00 | 27.15 -1.86 0.00 | 28.74 -2.03 0.00 | 34.50 -2.76 0.01 | 42.03 -3.86 0.01 | 38.59 -2.68 0.01 | 36.48 -2.21 0.01 | 31.17 -1.68 0.00 | 29.70 -1.73 0.00 | 27.73 -1.43 0.00 | 27.33 -0.85 0.00 |
| GELCKHM___115KV_LOAD 80723 | 24.48 -0.40 0.00 | 22.97 -0.35 0.00 | 21.69 -0.35 0.00 | 21.78 -0.38 0.00 | 22.15 -0.38 0.00 | 25.30 -0.36 0.00 | 29.18 -0.41 0.00 | 32.65 -0.53 -0.01 | 31.71 -0.65 -0.01 | 30.19 -0.63 2.24 | 30.78 -0.28 0.00 | 29.97 -0.27 0.00 | 29.30 -0.24 0.00 | 28.87 -0.20 0.00 | 28.81 -0.20 0.00 | 30.55 -0.22 0.00 | 37.25 -0.04 -0.01 | 45.91 0.00 -0.01 | 41.30 0.00 -0.01 | 38.71 0.00 -0.01 | 32.68 -0.16 0.00 | 31.15 -0.28 0.00 | 28.87 -0.29 0.00 | 27.95 -0.23 0.00 |
| GENERAL___MILLS 23808 | 24.03 -0.85 0.00 | 22.86 -0.47 0.00 | 21.58 -0.46 0.00 | 21.54 -0.62 0.00 | 21.70 -0.83 0.00 | 24.79 -0.87 0.00 | 28.56 -1.04 0.00 | 30.97 -2.19 0.01 | 30.18 -2.17 0.01 | 27.86 -2.98 2.23 | 28.95 -2.11 0.00 | 28.30 -1.94 0.00 | 27.62 -1.92 0.00 | 27.18 -1.89 0.00 | 27.12 -1.89 0.00 | 28.71 -2.06 0.00 | 34.43 -2.83 0.01 | 41.93 -3.95 0.01 | 38.51 -2.77 0.01 | 36.40 -2.28 0.01 | 31.11 -1.74 0.00 | 29.64 -1.79 0.00 | 27.67 -1.49 0.00 | 27.27 -0.90 0.00 |
| GE_PLASTICS___DRP 24183 | 25.23 0.35 0.00 | 23.65 0.33 0.00 | 22.38 0.33 0.00 | 22.51 0.35 0.00 | 22.89 0.36 0.00 | 25.92 0.26 0.00 | 29.92 0.33 0.00 | 33.84 0.66 0.00 | 33.04 0.68 0.00 | 33.39 0.76 0.43 | 31.71 0.65 0.00 | 30.84 0.60 0.00 | 30.13 0.59 0.00 | 29.68 0.61 0.00 | 29.59 0.58 0.00 | 31.42 0.65 0.00 | 38.43 1.16 0.00 | 47.36 1.47 0.00 | 42.57 1.28 0.00 | 39.86 1.16 0.00 | 33.57 0.72 0.00 | 32.06 0.63 0.00 | 29.65 0.50 0.00 | 28.57 0.39 0.00 |
| GILBOA___1 23756 | 25.27 0.40 0.00 | 23.72 0.40 0.00 | 22.44 0.40 0.00 | 22.53 0.38 0.00 | 22.94 0.41 0.00 | 26.10 0.44 0.00 | 30.10 0.50 0.00 | 33.97 0.79 0.00 | 33.13 0.78 0.00 | 32.70 0.79 1.16 | 31.84 0.78 0.00 | 31.00 0.76 0.00 | 30.28 0.74 0.00 | 29.80 0.73 0.00 | 29.73 0.73 0.00 | 31.63 0.86 0.00 | 38.66 1.38 0.00 | 47.50 1.61 0.00 | 42.77 1.48 0.00 | 40.09 1.39 0.00 | 33.70 0.85 0.00 | 32.18 0.75 0.00 | 29.83 0.67 0.00 | 28.77 0.59 0.00 |
| GILBOA___2 23757 | 25.27 0.40 0.00 | 23.72 0.40 0.00 | 22.44 0.40 0.00 | 22.53 0.38 0.00 | 22.94 0.41 0.00 | 26.10 0.44 0.00 | 30.10 0.50 0.00 | 33.97 0.79 0.00 | 33.13 0.78 0.00 | 32.70 0.79 1.16 | 31.84 0.78 0.00 | 31.00 0.76 0.00 | 30.28 0.74 0.00 | 29.80 0.73 0.00 | 29.73 0.73 0.00 | 31.63 0.86 0.00 | 38.66 1.38 0.00 | 47.50 1.61 0.00 | 42.77 1.48 0.00 | 40.09 1.39 0.00 | 33.70 0.85 0.00 | 32.18 0.75 0.00 | 29.83 0.67 0.00 | 28.77 0.59 0.00 |
| GILBOA___3 23758 | 25.27 0.40 0.00 | 23.72 0.40 0.00 | 22.44 0.40 0.00 | 22.53 0.38 0.00 | 22.94 0.41 0.00 | 26.10 0.44 0.00 | 30.10 0.50 0.00 | 33.97 0.79 0.00 | 33.13 0.78 0.00 | 32.70 0.79 1.16 | 31.84 0.78 0.00 | 31.00 0.76 0.00 | 30.28 0.74 0.00 | 29.80 0.73 0.00 | 29.73 0.73 0.00 | 31.63 0.86 0.00 | 38.66 1.38 0.00 | 47.50 1.61 0.00 | 42.77 1.48 0.00 | 40.09 1.39 0.00 | 33.70 0.85 0.00 | 32.18 0.75 0.00 | 29.83 0.67 0.00 | 28.77 0.59 0.00 |

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| GILBOA___4 23759 | 25.27 0.40 0.00 | 23.72 0.40 0.00 | 22.44 0.40 0.00 | 22.53 0.38 0.00 | 22.94 0.41 0.00 | 26.10 0.44 0.00 | 30.10 0.50 0.00 | 33.97 0.79 0.00 | 33.13 0.78 0.00 | 32.70 0.79 1.16 | 31.84 0.78 0.00 | 31.00 0.76 0.00 | 30.28 0.74 0.00 | 29.80 0.73 0.00 | 29.73 0.73 0.00 | 31.63 0.86 0.00 | 38.66 1.38 0.00 | 47.50 1.61 0.00 | 42.77 1.48 0.00 | 40.09 1.39 0.00 | 33.70 0.85 0.00 | 32.18 0.75 0.00 | 29.83 0.67 0.00 | 28.77 0.59 0.00 |
| GILBOA____ 23599 | 25.33 0.45 0.00 | 23.72 0.40 0.00 | 22.44 0.40 0.00 | 22.53 0.38 0.00 | 22.94 0.41 0.00 | 26.10 0.44 0.00 | 30.10 0.50 0.00 | 33.97 0.80 0.00 | 33.13 0.78 0.00 | 33.17 0.79 0.69 | 31.81 0.75 0.00 | 30.97 0.73 0.00 | 30.28 0.74 0.00 | 29.80 0.73 0.00 | 29.73 0.73 0.00 | 31.54 0.77 0.00 | 38.58 1.30 0.00 | 47.50 1.61 0.00 | 42.77 1.49 0.00 | 40.09 1.39 0.00 | 33.70 0.85 0.00 | 32.18 0.75 0.00 | 29.83 0.67 0.00 | 28.74 0.56 0.00 |
| GINNA____ 23603 | 23.18 -1.69 0.00 | 21.64 -1.68 0.00 | 20.44 -1.61 0.00 | 20.47 -1.68 0.00 | 20.80 -1.73 0.00 | 23.79 -1.87 0.00 | 27.52 -2.07 0.00 | 30.48 -2.65 0.04 | 29.68 -2.65 0.02 | 26.74 -2.51 3.80 | 28.79 -2.27 0.00 | 28.00 -2.24 0.00 | 27.41 -2.13 0.00 | 27.01 -2.06 0.00 | 26.95 -2.06 0.00 | 28.59 -2.18 0.00 | 34.78 -2.46 0.04 | 42.92 -2.94 0.04 | 38.60 -2.64 0.04 | 36.10 -2.56 0.04 | 30.52 -2.33 0.00 | 29.04 -2.39 0.00 | 26.97 -2.19 0.00 | 26.20 -1.97 0.00 |
| GLEN PARK____ 23778 | 24.58 -0.30 0.00 | 22.97 -0.35 0.00 | 21.72 -0.33 0.00 | 21.85 -0.31 0.00 | 22.24 -0.29 0.00 | 25.35 -0.31 0.00 | 29.30 -0.30 0.00 | 32.84 -0.33 0.00 | 31.81 -0.55 0.00 | 30.03 -0.66 2.37 | 30.50 -0.56 0.00 | 29.66 -0.58 0.00 | 28.95 -0.59 0.00 | 28.52 -0.55 0.00 | 28.52 -0.49 0.00 | 30.56 -0.21 0.00 | 37.32 0.04 0.00 | 46.33 0.32 -0.11 | 41.66 0.37 0.00 | 39.13 0.43 0.00 | 33.11 0.26 0.00 | 31.71 0.28 0.00 | 29.24 0.09 0.00 | 28.18 0.00 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.38 0.72 0.00 | 30.84 1.24 0.00 | 35.06 1.89 0.00 | 34.30 1.94 0.00 | 34.53 2.02 0.55 | 32.83 1.77 0.00 | 31.99 1.75 0.00 | 31.31 1.77 0.00 | 30.85 1.77 0.00 | 30.78 1.77 0.00 | 32.65 1.88 0.00 | 40.33 3.06 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.82 1.97 0.00 | 33.25 1.82 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GLENWOOD_IC_1_G5 23712 | 25.92 1.04 0.00 | 24.21 0.89 0.00 | 22.93 0.88 0.00 | 23.00 0.84 0.00 | 23.46 0.92 0.00 | 26.71 1.05 0.00 | 31.37 1.66 -0.12 | 36.70 2.26 -1.27 | 36.43 2.23 -1.84 | 38.84 2.28 -3.49 | 36.80 2.11 -3.62 | 36.93 2.09 -4.60 | 36.98 2.07 -5.37 | 35.88 2.06 -4.75 | 37.04 2.03 -6.01 | 45.09 2.15 -12.16 | 49.03 3.17 -8.59 | 80.79 4.04 -30.86 | 68.03 3.51 -23.23 | 61.29 3.29 -19.31 | 53.35 2.20 -18.30 | 40.19 2.14 -6.63 | 32.33 1.95 -1.22 | 36.23 1.75 -6.31 |
| GLENWOOD_IC_2_G1 23688 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.32 0.79 0.00 | 26.53 0.87 0.00 | 31.05 1.45 0.00 | 35.26 2.06 -0.03 | 34.47 2.07 -0.04 | 34.31 2.08 0.84 | 33.04 1.89 -0.08 | 32.25 1.91 -0.10 | 31.55 1.89 -0.12 | 31.07 1.89 -0.11 | 31.00 1.86 -0.13 | 33.17 2.09 -0.31 | 40.57 3.09 -0.20 | 51.00 3.81 -1.29 | 45.56 3.34 -0.93 | 42.56 3.13 -0.73 | 35.43 2.10 -0.47 | 33.47 1.89 -0.16 | 30.93 1.75 -0.03 | 29.89 1.58 -0.14 |
| GLENWOOD_IC_3_G1 23689 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.32 0.79 0.00 | 26.53 0.87 0.00 | 31.05 1.45 0.00 | 35.26 2.06 -0.03 | 34.47 2.07 -0.04 | 34.31 2.08 0.84 | 33.04 1.89 -0.08 | 32.25 1.91 -0.10 | 31.55 1.89 -0.12 | 31.07 1.89 -0.11 | 31.00 1.86 -0.13 | 33.17 2.09 -0.31 | 40.57 3.09 -0.20 | 51.00 3.81 -1.29 | 45.56 3.34 -0.93 | 42.56 3.13 -0.73 | 35.43 2.10 -0.47 | 33.47 1.89 -0.16 | 30.93 1.75 -0.03 | 29.89 1.58 -0.14 |
| GLENWOOD___4 23550 | 25.92 1.04 0.00 | 24.21 0.89 0.00 | 22.93 0.88 0.00 | 23.00 0.84 0.00 | 23.46 0.92 0.00 | 26.71 1.05 0.00 | 31.37 1.66 -0.12 | 36.70 2.26 -1.27 | 36.43 2.23 -1.84 | 38.84 2.28 -3.49 | 36.80 2.11 -3.62 | 36.93 2.09 -4.60 | 36.98 2.07 -5.37 | 35.88 2.06 -4.75 | 37.04 2.03 -6.01 | 45.09 2.15 -12.16 | 49.11 3.24 -8.59 | 80.84 4.08 -30.86 | 68.11 3.59 -23.23 | 61.37 3.37 -19.31 | 53.42 2.27 -18.30 | 40.19 2.14 -6.63 | 32.33 1.95 -1.22 | 36.23 1.75 -6.31 |
| GLENWOOD___5 23614 | 25.92 1.04 0.00 | 24.21 0.89 0.00 | 22.93 0.88 0.00 | 23.00 0.84 0.00 | 23.46 0.92 0.00 | 26.71 1.05 0.00 | 31.37 1.66 -0.12 | 36.70 2.26 -1.27 | 36.43 2.23 -1.84 | 38.84 2.28 -3.49 | 36.80 2.11 -3.62 | 36.93 2.09 -4.60 | 36.98 2.07 -5.37 | 35.88 2.06 -4.75 | 37.04 2.03 -6.01 | 45.09 2.15 -12.16 | 49.11 3.24 -8.59 | 80.84 4.08 -30.86 | 68.11 3.59 -23.23 | 61.37 3.37 -19.31 | 53.42 2.27 -18.30 | 40.19 2.14 -6.63 | 32.33 1.95 -1.22 | 36.23 1.75 -6.31 |
| GLOBAL GREEN_PORT_GT1 23814 | 27.21 2.34 0.00 | 25.47 2.14 0.00 | 24.21 2.16 0.00 | 24.26 2.11 0.00 | 24.79 2.25 0.00 | 28.28 2.62 0.00 | 32.99 3.23 -0.17 | 38.80 3.85 -1.78 | 38.76 3.82 -2.59 | 42.12 4.36 -4.69 | 39.65 3.48 -5.11 | 40.15 3.42 -6.49 | 40.67 3.54 -7.59 | 39.20 3.43 -6.70 | 40.82 3.33 -8.48 | 42.62 3.75 -8.09 | 52.24 5.40 -9.56 | 71.37 6.65 -18.82 | 61.00 5.98 -13.73 | 55.38 5.65 -11.03 | 45.14 4.17 -8.12 | 41.79 3.80 -6.56 | 34.16 3.29 -1.71 | 40.77 3.66 -8.93 |
| GLOBE___DSASP 323697 | 23.04 -1.84 0.00 | 21.95 -1.38 0.00 | 20.75 -1.30 0.00 | 20.69 -1.46 0.00 | 20.87 -1.67 0.00 | 23.84 -1.82 0.00 | 27.38 -2.22 0.00 | 29.64 -3.52 0.02 | 28.92 -3.43 0.01 | 27.21 -3.60 2.25 | 27.80 -3.26 0.00 | 27.16 -3.08 0.00 | 26.53 -3.01 0.00 | 26.11 -2.97 0.00 | 26.02 -2.99 0.00 | 27.57 -3.20 0.00 | 33.20 -4.06 0.02 | 40.60 -5.28 0.02 | 37.02 -4.25 0.02 | 34.77 -3.91 0.02 | 29.66 -3.19 0.00 | 28.25 -3.17 0.00 | 26.47 -2.68 0.00 | 26.15 -2.03 0.00 |
| GOETHSLN___LBMP 323567 | 25.42 0.55 0.00 | 23.79 0.47 0.00 | 22.51 0.46 0.00 | 22.62 0.47 0.00 | 23.03 0.50 0.00 | 26.17 0.51 0.00 | 30.60 1.01 0.00 | 34.80 1.63 0.00 | 34.01 1.65 0.00 | 34.23 1.72 0.55 | 32.61 1.55 0.00 | 31.78 1.54 0.00 | 31.11 1.57 0.00 | 30.61 1.54 0.00 | 30.55 1.54 0.00 | 32.40 1.63 0.00 | 39.96 2.68 0.00 | 49.34 3.44 0.00 | 44.30 3.01 0.00 | 41.48 2.79 0.00 | 34.52 1.68 0.00 | 33.00 1.57 0.00 | 30.59 1.43 0.00 | 29.30 1.13 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 24.03 -0.85 0.00 | 22.74 -0.58 0.00 | 21.50 -0.55 0.00 | 21.49 -0.66 0.00 | 21.81 -0.72 0.00 | 24.89 -0.77 0.00 | 28.74 -0.86 0.00 | 31.59 -1.56 0.02 | 30.79 -1.55 0.01 | 29.26 -1.55 2.25 | 29.57 -1.49 0.00 | 28.85 -1.39 0.00 | 28.18 -1.36 0.00 | 27.71 -1.37 0.00 | 27.70 -1.31 0.00 | 29.32 -1.45 0.00 | 35.58 -1.68 0.02 | 43.94 -1.93 0.02 | 39.78 -1.49 0.02 | 37.16 -1.51 0.02 | 31.47 -1.38 0.00 | 29.95 -1.48 0.00 | 27.93 -1.22 0.00 | 27.30 -0.87 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 25.57 0.70 0.00 | 23.98 0.65 0.00 | 22.64 0.60 0.00 | 22.76 0.60 0.00 | 23.17 0.63 0.00 | 26.53 0.87 0.00 | 30.78 1.18 0.00 | 34.71 1.53 -0.01 | 33.78 1.42 0.00 | 33.29 1.32 1.09 | 32.43 1.37 0.00 | 31.60 1.36 0.00 | 30.84 1.30 0.00 | 30.38 1.31 0.00 | 30.34 1.33 0.00 | 32.28 1.51 0.00 | 39.48 2.20 -0.01 | 48.70 2.80 -0.01 | 43.89 2.60 -0.01 | 41.22 2.52 -0.01 | 34.65 1.81 0.00 | 32.97 1.54 0.00 | 30.50 1.34 0.00 | 29.39 1.21 0.00 |

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| GOUDEY___7 345031 | 25.03 0.15 0.00 | 23.51 0.19 0.00 | 22.20 0.15 0.00 | 22.27 0.11 0.00 | 22.62 0.09 0.00 | 25.84 0.18 0.00 | 29.89 0.30 0.00 | 33.52 0.33 -0.02 | 32.49 0.13 -0.01 | 31.15 -0.20 1.72 | 31.28 0.22 0.00 | 30.45 0.21 0.00 | 29.78 0.24 0.00 | 29.33 0.26 0.00 | 29.27 0.26 0.00 | 31.05 0.28 0.00 | 37.85 0.56 -0.02 | 46.55 0.64 -0.02 | 42.09 0.78 -0.02 | 39.53 0.81 -0.02 | 33.34 0.49 0.00 | 31.81 0.38 0.00 | 29.48 0.32 0.00 | 28.54 0.37 0.00 |
| GOUDEY___7 23579 | 25.05 0.17 0.00 | 23.53 0.21 0.00 | 22.22 0.18 0.00 | 22.29 0.13 0.00 | 22.65 0.11 0.00 | 25.87 0.21 0.00 | 29.92 0.33 0.00 | 33.55 0.36 -0.02 | 32.56 0.19 -0.01 | 31.21 -0.13 1.72 | 31.31 0.25 0.00 | 30.51 0.27 0.00 | 29.81 0.27 0.00 | 29.36 0.29 0.00 | 29.32 0.32 0.00 | 31.11 0.34 0.00 | 37.93 0.63 -0.02 | 46.60 0.69 -0.02 | 42.13 0.83 -0.02 | 39.56 0.85 -0.02 | 33.41 0.56 0.00 | 31.87 0.44 0.00 | 29.51 0.35 0.00 | 28.57 0.39 0.00 |
| GOUDEY___8 23580 | 25.03 0.15 0.00 | 23.51 0.19 0.00 | 22.20 0.15 0.00 | 22.27 0.11 0.00 | 22.62 0.09 0.00 | 25.84 0.18 0.00 | 29.89 0.30 0.00 | 33.52 0.33 -0.02 | 32.49 0.13 -0.01 | 31.15 -0.20 1.72 | 31.28 0.22 0.00 | 30.45 0.21 0.00 | 29.78 0.24 0.00 | 29.33 0.26 0.00 | 29.27 0.26 0.00 | 31.05 0.28 0.00 | 37.85 0.56 -0.02 | 46.55 0.64 -0.02 | 42.09 0.78 -0.02 | 39.53 0.81 -0.02 | 33.34 0.49 0.00 | 31.81 0.38 0.00 | 29.48 0.32 0.00 | 28.54 0.37 0.00 |
| GOWANUS_GT1_1 24077 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT1_2 24078 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT1_3 24079 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT1_4 24080 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT1_5 24084 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT1_6 24111 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT1_7 24112 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT1_8 24113 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT2_1 24114 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT2_2 24115 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT2_3 24116 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT2_4 24117 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |

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| GOWANUS_GT2_5 24118 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT2_6 24119 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT2_7 24120 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT2_8 24121 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT3_1 24122 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT3_2 24123 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT3_3 24124 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT3_4 24125 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT3_5 24126 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT3_6 24127 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT3_7 24128 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT3_8 24129 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| GOWANUS_GT4_1 24130 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT4_2 24131 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT4_3 24132 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_4 24133 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT4_5 24134 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT4_6 24135 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT4_7 24136 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GOWANUS_GT4_8 24137 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GREENBSH_115KV_TB3 55895 | 25.15 0.27 0.00 | 23.58 0.26 0.00 | 22.33 0.29 0.00 | 22.45 0.29 0.00 | 22.83 0.29 0.00 | 25.79 0.13 0.00 | 29.77 0.18 0.00 | 33.67 0.50 0.00 | 32.87 0.52 0.00 | 33.26 0.63 0.43 | 31.62 0.56 0.00 | 30.75 0.51 0.00 | 30.04 0.50 0.00 | 29.57 0.49 0.00 | 29.50 0.49 0.00 | 31.29 0.52 0.00 | 38.32 1.04 0.00 | 47.23 1.33 0.00 | 42.40 1.11 0.00 | 39.74 1.04 0.00 | 33.44 0.59 0.00 | 31.93 0.50 0.00 | 29.54 0.38 0.00 | 28.40 0.23 0.00 |
| GREENDGE_115KV_TB5 80291 | 25.23 0.35 0.00 | 23.70 0.37 0.00 | 22.36 0.31 0.00 | 22.40 0.24 0.00 | 22.76 0.23 0.00 | 26.07 0.41 0.00 | 30.25 0.65 0.00 | 34.08 0.80 -0.11 | 33.06 0.65 -0.06 | 31.29 0.26 2.03 | 31.74 0.68 0.00 | 30.87 0.64 0.00 | 30.13 0.59 0.00 | 29.74 0.67 0.00 | 29.68 0.67 0.00 | 31.57 0.80 0.00 | 38.54 1.16 -0.11 | 47.20 1.19 -0.11 | 42.64 1.24 -0.11 | 40.05 1.24 -0.11 | 34.06 1.22 0.00 | 32.43 1.01 0.00 | 29.94 0.79 0.00 | 29.02 0.85 0.00 |
| GREENIDGE___3 23582 | 25.23 0.35 0.00 | 23.70 0.37 0.00 | 22.36 0.31 0.00 | 22.40 0.24 0.00 | 22.76 0.23 0.00 | 26.07 0.41 0.00 | 30.25 0.65 0.00 | 34.08 0.80 -0.11 | 33.06 0.65 -0.06 | 31.29 0.26 2.03 | 31.74 0.68 0.00 | 30.87 0.64 0.00 | 30.13 0.59 0.00 | 29.74 0.67 0.00 | 29.68 0.67 0.00 | 31.57 0.80 0.00 | 38.54 1.16 -0.11 | 47.20 1.19 -0.11 | 42.64 1.24 -0.11 | 40.05 1.24 -0.11 | 34.06 1.22 0.00 | 32.43 1.01 0.00 | 29.94 0.79 0.00 | 29.02 0.85 0.00 |
| GREENIDGE___4 23583 | 25.37 0.50 0.00 | 23.70 0.37 0.00 | 22.36 0.31 0.00 | 22.40 0.24 0.00 | 22.76 0.23 0.00 | 26.07 0.41 0.00 | 30.24 0.65 0.00 | 34.08 0.79 -0.11 | 33.10 0.68 -0.06 | 29.94 0.26 3.39 | 31.80 0.74 0.00 | 30.88 0.64 0.00 | 30.16 0.62 0.00 | 29.74 0.67 0.00 | 29.70 0.70 0.00 | 31.63 0.86 0.00 | 38.58 1.19 -0.11 | 47.20 1.19 -0.11 | 42.76 1.36 -0.11 | 40.05 1.24 -0.11 | 34.06 1.22 0.00 | 32.37 0.94 0.00 | 29.91 0.76 0.00 | 28.99 0.82 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 26.00 1.12 0.00 | 24.21 0.89 0.00 | 22.95 0.90 0.00 | 23.04 0.89 0.00 | 23.53 0.99 0.00 | 26.79 1.13 0.00 | 31.57 1.81 -0.17 | 37.29 2.36 -1.77 | 37.22 2.30 -2.56 | 40.20 2.12 -5.02 | 38.30 2.17 -5.06 | 38.82 2.15 -6.44 | 39.21 2.16 -7.52 | 37.83 2.12 -6.64 | 39.50 2.09 -8.40 | 41.23 2.15 -8.31 | 49.96 3.13 -9.55 | 69.00 3.90 -19.21 | 58.77 3.43 -14.06 | 53.25 3.21 -11.34 | 43.62 2.17 -8.61 | 40.18 2.17 -6.59 | 32.95 2.10 -1.69 | 38.94 1.92 -8.85 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |
| GRISSOM___SOLAR 323813 | 26.74 1.87 0.00 | 25.19 1.87 0.00 | 23.79 1.74 0.00 | 23.89 1.73 0.00 | 24.31 1.78 0.00 | 27.84 2.18 0.00 | 32.50 2.90 0.00 | 36.56 3.39 0.00 | 35.49 3.14 0.00 | 35.24 3.08 0.90 | 33.86 2.80 0.00 | 32.93 2.69 0.00 | 32.23 2.69 0.00 | 31.72 2.65 0.00 | 31.79 2.79 0.00 | 34.15 3.38 0.00 | 42.12 4.84 0.00 | 52.27 6.38 0.00 | 46.73 5.45 0.00 | 43.84 5.15 0.00 | 37.09 4.24 0.00 | 35.20 3.77 0.00 | 32.22 3.06 0.00 | 31.02 2.84 0.00 |
| GROVEVILLE___HYD 323602 | 25.70 0.82 0.00 | 24.07 0.75 0.00 | 22.75 0.71 0.00 | 22.89 0.73 0.00 | 23.28 0.74 0.00 | 26.48 0.82 0.00 | 30.81 1.21 0.00 | 34.90 1.72 0.00 | 34.10 1.75 0.00 | 34.26 1.75 0.55 | 32.64 1.58 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.58 1.51 0.00 | 30.57 1.57 0.00 | 32.49 1.72 0.00 | 40.00 2.72 0.00 | 49.38 3.49 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.72 1.87 0.00 | 33.13 1.70 0.00 | 30.85 1.69 0.00 | 29.61 1.44 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 24.65 -0.22 0.00 | 23.14 -0.19 0.00 | 21.87 -0.18 0.00 | 21.96 -0.20 0.00 | 22.33 -0.20 0.00 | 25.51 -0.15 0.00 | 29.45 -0.15 0.00 | 32.96 -0.23 -0.02 | 32.30 -0.06 -0.01 | 30.74 -0.07 2.26 | 31.31 0.25 0.00 | 30.45 0.21 0.00 | 29.78 0.24 0.00 | 29.36 0.29 0.00 | 29.30 0.29 0.00 | 31.08 0.31 0.00 | 37.93 0.63 -0.02 | 46.74 0.83 -0.02 | 42.09 0.78 -0.02 | 39.41 0.70 -0.02 | 33.24 0.39 0.00 | 31.68 0.25 0.00 | 29.33 0.17 0.00 | 28.40 0.23 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 24.68 -0.20 0.00 | 23.16 -0.16 0.00 | 21.89 -0.15 0.00 | 21.96 -0.20 0.00 | 22.33 -0.20 0.00 | 25.53 -0.13 0.00 | 29.48 -0.12 0.00 | 33.03 -0.17 -0.02 | 32.63 0.26 -0.01 | 31.03 0.23 2.27 | 31.59 0.53 0.00 | 30.75 0.51 0.00 | 30.07 0.53 0.00 | 29.65 0.58 0.00 | 29.59 0.58 0.00 | 31.38 0.62 0.00 | 38.34 1.04 -0.02 | 47.25 1.33 -0.02 | 42.50 1.20 -0.02 | 39.80 1.08 -0.02 | 33.60 0.76 0.00 | 31.96 0.53 0.00 | 29.57 0.41 0.00 | 28.63 0.45 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 24.78 -0.10 0.00 | 23.21 -0.12 0.00 | 21.92 -0.13 0.00 | 22.07 -0.09 0.00 | 22.42 -0.11 0.00 | 25.30 -0.36 0.00 | 29.06 -0.53 0.00 | 32.47 -0.70 0.00 | 31.61 -0.74 0.00 | 31.10 -0.83 1.13 | 30.25 -0.81 0.00 | 29.51 -0.73 0.00 | 28.77 -0.77 0.00 | 28.29 -0.78 0.00 | 28.25 -0.75 0.00 | 29.94 -0.83 0.00 | 36.12 -1.16 0.00 | 44.84 -1.33 -0.28 | 40.17 -1.11 0.00 | 37.69 -1.01 0.00 | 32.32 -0.53 0.00 | 31.24 -0.19 0.00 | 29.07 -0.09 0.00 | 28.09 -0.08 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 25.33 0.45 0.00 | 23.74 0.42 0.00 | 22.42 0.37 0.00 | 22.53 0.38 0.00 | 22.89 0.36 0.00 | 26.02 0.36 0.00 | 29.95 0.36 0.00 | 33.54 0.37 0.00 | 32.75 0.39 0.00 | 32.87 0.30 0.49 | 31.15 0.09 0.00 | 30.30 0.06 0.00 | 29.57 0.03 0.00 | 29.10 0.03 0.00 | 29.04 0.03 0.00 | 30.89 0.12 0.00 | 37.57 0.30 0.00 | 46.31 0.41 0.00 | 41.66 0.37 0.00 | 39.08 0.39 0.00 | 33.11 0.26 0.00 | 31.71 0.28 0.00 | 29.45 0.29 0.00 | 28.49 0.31 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 25.52 0.65 0.00 | 23.91 0.58 0.00 | 22.60 0.55 0.00 | 22.71 0.55 0.00 | 23.12 0.59 0.00 | 26.30 0.64 0.00 | 30.63 1.04 0.00 | 34.73 1.56 0.00 | 33.91 1.55 0.00 | 34.00 1.52 0.58 | 32.46 1.40 0.00 | 31.60 1.36 0.00 | 30.90 1.36 0.00 | 30.44 1.37 0.00 | 30.40 1.39 0.00 | 32.28 1.51 0.00 | 39.77 2.50 0.00 | 49.15 3.26 0.00 | 44.18 2.89 0.00 | 41.37 2.67 0.00 | 34.52 1.68 0.00 | 32.94 1.51 0.00 | 30.53 1.37 0.00 | 29.30 1.13 0.00 |
| HARSNRAD_115KV_TB1 81005 | 23.41 -1.47 0.00 | 22.30 -1.03 0.00 | 21.08 -0.97 0.00 | 21.03 -1.13 0.00 | 21.20 -1.33 0.00 | 24.22 -1.44 0.00 | 27.88 -1.72 0.00 | 30.20 -2.95 0.02 | 29.50 -2.85 0.01 | 27.58 -3.24 2.25 | 28.30 -2.76 0.00 | 27.64 -2.60 0.00 | 27.00 -2.54 0.00 | 26.57 -2.50 0.00 | 26.51 -2.49 0.00 | 28.09 -2.68 0.00 | 33.83 -3.43 0.02 | 41.33 -4.54 0.02 | 37.72 -3.55 0.02 | 35.51 -3.17 0.02 | 30.32 -2.53 0.00 | 28.85 -2.58 0.00 | 27.00 -2.16 0.00 | 26.63 -1.55 0.00 |
| HARZA MOOSE___RIVER 24016 | 25.10 0.22 0.00 | 23.51 0.19 0.00 | 22.22 0.18 0.00 | 22.36 0.20 0.00 | 22.76 0.23 0.00 | 25.81 0.15 0.00 | 29.74 0.15 0.00 | 33.40 0.23 0.00 | 32.62 0.26 0.00 | 32.44 0.20 0.82 | 31.25 0.19 0.00 | 30.39 0.15 0.00 | 29.66 0.12 0.00 | 29.22 0.15 0.00 | 29.18 0.17 0.00 | 31.11 0.34 0.00 | 37.84 0.56 0.00 | 46.80 0.83 -0.08 | 42.03 0.74 0.00 | 39.51 0.81 0.00 | 33.51 0.66 0.00 | 32.18 0.75 0.00 | 29.80 0.64 0.00 | 28.74 0.56 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 24.48 -0.40 0.00 | 23.00 -0.33 0.00 | 21.72 -0.33 0.00 | 21.80 -0.35 0.00 | 22.17 -0.36 0.00 | 25.33 -0.33 0.00 | 29.18 -0.41 0.00 | 32.61 -0.56 -0.01 | 31.55 -0.81 0.00 | 30.11 -0.79 2.16 | 30.59 -0.47 0.00 | 29.82 -0.42 0.00 | 29.13 -0.41 0.00 | 28.72 -0.35 0.00 | 28.66 -0.35 0.00 | 30.37 -0.40 0.00 | 37.06 -0.22 -0.01 | 45.63 -0.28 -0.01 | 41.08 -0.21 -0.01 | 38.47 -0.23 -0.01 | 32.49 -0.36 0.00 | 30.99 -0.44 0.00 | 28.75 -0.41 0.00 | 27.87 -0.31 0.00 |
| HELLGATE_13_KV_LD 55870 | 25.62 0.75 0.00 | 24.02 0.70 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.62 0.00 | 30.69 1.10 0.00 | 34.90 1.72 0.00 | 34.10 1.75 0.00 | 34.36 1.85 0.55 | 32.64 1.58 0.00 | 31.84 1.60 0.00 | 31.14 1.60 0.00 | 30.67 1.60 0.00 | 30.60 1.60 0.00 | 32.49 1.72 0.00 | 40.11 2.83 0.00 | 49.47 3.58 0.00 | 44.38 3.10 0.00 | 41.64 2.94 0.00 | 34.62 1.77 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.53 1.35 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 25.62 0.75 0.00 | 24.02 0.70 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.62 0.00 | 30.69 1.10 0.00 | 34.90 1.72 0.00 | 34.10 1.75 0.00 | 34.36 1.85 0.55 | 32.64 1.58 0.00 | 31.84 1.60 0.00 | 31.14 1.60 0.00 | 30.67 1.60 0.00 | 30.60 1.60 0.00 | 32.49 1.72 0.00 | 40.11 2.83 0.00 | 49.47 3.58 0.00 | 44.38 3.10 0.00 | 41.64 2.94 0.00 | 34.62 1.77 0.00 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.53 1.35 0.00 |
| HEMPSTEAD___ 23647 | 25.77 0.89 0.00 | 24.19 0.86 0.00 | 22.91 0.86 0.00 | 23.00 0.84 0.00 | 23.46 0.92 0.00 | 26.71 1.05 0.00 | 31.42 1.69 -0.14 | 36.91 2.29 -1.45 | 36.75 2.30 -2.10 | 39.05 2.31 -3.67 | 37.30 2.11 -4.13 | 37.60 2.12 -5.25 | 37.80 2.13 -6.13 | 36.58 2.09 -5.41 | 37.92 2.06 -6.85 | 46.11 2.31 -13.03 | 50.23 3.39 -9.56 | 76.99 4.08 -27.01 | 65.70 3.59 -20.82 | 59.80 3.36 -17.73 | 54.41 2.33 -19.23 | 40.87 2.14 -7.30 | 32.50 1.95 -1.38 | 37.21 1.83 -7.20 |
| HEWLETT___69_KV_BK3 55828 | 26.18 1.29 0.00 | 24.40 1.07 0.00 | 23.13 1.08 0.00 | 23.20 1.04 0.00 | 23.67 1.13 0.00 | 26.97 1.31 0.00 | 31.76 2.01 -0.16 | 37.42 2.62 -1.63 | 37.28 2.56 -2.36 | 40.39 2.58 -4.75 | 38.11 2.39 -4.65 | 38.51 2.36 -5.91 | 38.81 2.36 -6.90 | 37.49 2.33 -6.10 | 39.04 2.32 -7.71 | 60.31 2.46 -27.08 | 55.09 3.54 -14.27 | 79.84 4.41 -29.54 | 71.68 3.88 -26.51 | 68.08 3.64 -25.75 | 81.30 2.56 -45.89 | 45.80 2.33 -12.04 | 33.02 2.30 -1.56 | 38.40 2.11 -8.11 |
| HICKLING___1 23621 | 25.33 0.45 0.00 | 23.84 0.51 0.00 | 22.47 0.42 0.00 | 22.49 0.33 0.00 | 22.83 0.29 0.00 | 26.12 0.46 0.00 | 30.25 0.65 0.00 | 34.41 0.65 -0.04 | 33.32 0.94 -0.02 | 31.40 0.23 1.90 | 31.99 0.93 0.00 | 31.12 0.88 0.00 | 30.43 0.89 0.00 | 30.03 0.96 0.00 | 29.99 0.99 0.00 | 31.82 1.05 0.00 | 38.06 0.75 -0.03 | 46.66 0.73 -0.03 | 42.43 1.11 -0.03 | 39.93 1.20 -0.03 | 33.80 0.95 0.00 | 32.21 0.79 0.00 | 29.83 0.67 0.00 | 28.94 0.76 0.00 |
| HICKLING___2 23622 | 25.33 0.45 0.00 | 23.84 0.51 0.00 | 22.47 0.42 0.00 | 22.49 0.33 0.00 | 22.83 0.29 0.00 | 26.12 0.46 0.00 | 30.25 0.65 0.00 | 34.41 1.19 -0.04 | 33.32 0.94 -0.02 | 31.40 0.23 1.90 | 31.99 0.93 0.00 | 31.12 0.88 0.00 | 30.43 0.89 0.00 | 30.03 0.96 0.00 | 29.99 0.99 0.00 | 31.82 1.05 0.00 | 38.06 0.75 -0.03 | 46.66 0.73 -0.03 | 42.43 1.11 -0.03 | 39.93 1.20 -0.03 | 33.80 0.95 0.00 | 32.21 0.79 0.00 | 29.83 0.67 0.00 | 28.94 0.76 0.00 |
| HIGH FALLS___HY 23754 | 25.65 0.77 0.00 | 24.00 0.68 0.00 | 22.67 0.62 0.00 | 22.80 0.64 0.00 | 23.21 0.68 0.00 | 26.46 0.80 0.00 | 30.78 1.18 0.00 | 34.80 1.63 0.00 | 33.91 1.55 0.00 | 34.00 1.49 0.55 | 32.36 1.30 0.00 | 31.51 1.27 0.00 | 30.81 1.27 0.00 | 30.35 1.28 0.00 | 30.34 1.33 0.00 | 32.31 1.54 0.00 | 39.96 2.68 0.00 | 49.38 3.49 0.00 | 44.46 3.18 0.00 | 41.64 2.94 0.00 | 34.75 1.91 0.00 | 33.16 1.73 0.00 | 30.85 1.69 0.00 | 29.58 1.41 0.00 |
| HILLBURN___GT 23639 | 25.42 0.55 0.00 | 23.88 0.56 0.00 | 22.58 0.53 0.00 | 22.69 0.53 0.00 | 23.12 0.58 0.00 | 26.28 0.61 0.00 | 30.66 1.06 0.00 | 34.83 1.66 0.00 | 34.01 1.65 0.00 | 33.75 1.65 0.97 | 32.58 1.52 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.58 1.51 0.00 | 30.52 1.51 0.00 | 32.49 1.72 0.00 | 39.88 2.61 0.00 | 49.20 3.31 0.00 | 44.17 2.89 0.00 | 41.40 2.71 0.00 | 34.56 1.71 0.00 | 32.94 1.51 0.00 | 30.56 1.40 0.00 | 29.36 1.18 0.00 |
| HILLSIDE_115KV_TB1 80332 | 24.90 0.02 0.00 | 23.44 0.12 0.00 | 22.11 0.07 0.00 | 22.13 -0.02 0.00 | 22.47 -0.07 0.00 | 25.69 0.03 0.00 | 29.71 0.12 0.00 | 33.13 -0.07 -0.03 | 32.08 -0.29 -0.01 | 30.08 -1.12 1.86 | 30.81 -0.25 0.00 | 30.03 -0.21 0.00 | 29.33 -0.21 0.00 | 28.93 -0.15 0.00 | 28.86 -0.15 0.00 | 30.58 -0.18 0.00 | 37.15 -0.15 -0.03 | 45.51 -0.41 -0.03 | 41.40 0.08 -0.03 | 39.00 0.27 -0.03 | 33.01 0.16 0.00 | 31.52 0.09 0.00 | 29.22 0.06 0.00 | 28.37 0.20 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| HISHELDN_WT_PWR 323625 | 24.28 -0.60 0.00 | 22.62 -0.70 0.00 | 21.36 -0.68 0.00 | 21.29 -0.86 0.00 | 21.43 -1.10 0.00 | 24.43 -1.23 0.00 | 28.05 -1.54 0.00 | 30.40 -2.75 0.01 | 29.60 -2.75 0.01 | 25.84 -3.47 3.75 | 28.39 -2.67 0.00 | 27.61 -2.63 0.00 | 26.97 -2.57 0.00 | 26.54 -2.53 0.00 | 26.54 -2.47 0.00 | 28.06 -2.71 0.00 | 33.76 -3.51 0.01 | 41.29 -4.59 0.01 | 38.13 -3.14 0.01 | 35.82 -2.86 0.01 | 30.55 -2.30 0.00 | 29.10 -2.33 0.00 | 27.26 -1.89 0.00 | 26.91 -1.27 0.00 |
| HOLTSVILLE_IC_1 23690 | 26.24 1.37 0.00 | 24.60 1.28 0.00 | 23.37 1.32 0.00 | 23.44 1.28 0.00 | 23.93 1.40 0.00 | 27.25 1.59 0.00 | 31.99 2.22 -0.17 | 37.74 2.79 -1.78 | 37.69 2.75 -2.59 | 40.77 3.01 -4.70 | 38.69 2.51 -5.11 | 39.25 2.51 -6.50 | 39.73 2.60 -7.59 | 38.30 2.53 -6.70 | 39.90 2.41 -8.48 | 41.58 2.74 -8.07 | 50.90 4.06 -9.56 | 69.50 4.82 -18.79 | 59.24 4.25 -13.71 | 53.77 4.06 -11.01 | 43.85 2.92 -8.07 | 40.65 2.67 -6.55 | 33.23 2.36 -1.71 | 39.62 2.51 -8.94 |
| HOLTSVILLE_IC_10 23699 | 26.37 1.49 0.00 | 24.72 1.40 0.00 | 23.48 1.43 0.00 | 23.55 1.40 0.00 | 24.07 1.53 0.00 | 27.38 1.72 0.00 | 32.14 2.37 -0.17 | 37.90 2.95 -1.78 | 37.85 2.91 -2.58 | 40.95 3.21 -4.68 | 38.83 2.67 -5.10 | 39.38 2.66 -6.48 | 39.86 2.75 -7.57 | 38.43 2.67 -6.68 | 40.05 2.58 -8.46 | 41.86 2.92 -8.17 | 51.13 4.28 -9.56 | 69.95 5.14 -18.91 | 59.64 4.54 -13.82 | 54.15 4.33 -11.12 | 44.28 3.15 -8.28 | 40.89 2.89 -6.57 | 33.37 2.51 -1.70 | 39.76 2.68 -8.91 |
| HOLTSVILLE_IC_2 23691 | 26.24 1.37 0.00 | 24.60 1.28 0.00 | 23.37 1.32 0.00 | 23.44 1.28 0.00 | 23.93 1.40 0.00 | 27.25 1.59 0.00 | 31.99 2.22 -0.17 | 37.74 2.79 -1.78 | 37.69 2.75 -2.59 | 40.77 3.01 -4.70 | 38.69 2.51 -5.11 | 39.25 2.51 -6.50 | 39.73 2.60 -7.59 | 38.30 2.53 -6.70 | 39.90 2.41 -8.48 | 41.58 2.74 -8.07 | 50.90 4.06 -9.56 | 69.50 4.82 -18.79 | 59.24 4.25 -13.71 | 53.77 4.06 -11.01 | 43.85 2.92 -8.07 | 40.65 2.67 -6.55 | 33.23 2.36 -1.71 | 39.62 2.51 -8.94 |
| HOLTSVILLE_IC_3 23692 | 26.24 1.37 0.00 | 24.60 1.28 0.00 | 23.37 1.32 0.00 | 23.44 1.28 0.00 | 23.93 1.40 0.00 | 27.25 1.59 0.00 | 31.99 2.22 -0.17 | 37.74 2.79 -1.78 | 37.69 2.75 -2.59 | 40.77 3.01 -4.70 | 38.69 2.51 -5.11 | 39.25 2.51 -6.50 | 39.73 2.60 -7.59 | 38.30 2.53 -6.70 | 39.90 2.41 -8.48 | 41.58 2.74 -8.07 | 50.90 4.06 -9.56 | 69.50 4.82 -18.79 | 59.24 4.25 -13.71 | 53.77 4.06 -11.01 | 43.85 2.92 -8.07 | 40.65 2.67 -6.55 | 33.23 2.36 -1.71 | 39.62 2.51 -8.94 |
| HOLTSVILLE_IC_4 23693 | 26.24 1.37 0.00 | 24.60 1.28 0.00 | 23.37 1.32 0.00 | 23.44 1.28 0.00 | 23.93 1.40 0.00 | 27.25 1.59 0.00 | 31.99 2.22 -0.17 | 37.74 2.79 -1.78 | 37.69 2.75 -2.59 | 40.77 3.01 -4.70 | 38.69 2.51 -5.11 | 39.25 2.51 -6.50 | 39.73 2.60 -7.59 | 38.30 2.53 -6.70 | 39.90 2.41 -8.48 | 41.58 2.74 -8.07 | 50.90 4.06 -9.56 | 69.50 4.82 -18.79 | 59.24 4.25 -13.71 | 53.77 4.06 -11.01 | 43.85 2.92 -8.07 | 40.65 2.67 -6.55 | 33.23 2.36 -1.71 | 39.62 2.51 -8.94 |
| HOLTSVILLE_IC_5 23694 | 26.24 1.37 0.00 | 24.60 1.28 0.00 | 23.37 1.32 0.00 | 23.44 1.28 0.00 | 23.93 1.40 0.00 | 27.25 1.59 0.00 | 31.99 2.22 -0.17 | 37.74 2.79 -1.78 | 37.69 2.75 -2.59 | 40.77 3.01 -4.70 | 38.69 2.51 -5.11 | 39.25 2.51 -6.50 | 39.73 2.60 -7.59 | 38.30 2.53 -6.70 | 39.90 2.41 -8.48 | 41.58 2.74 -8.07 | 50.90 4.06 -9.56 | 69.50 4.82 -18.79 | 59.24 4.25 -13.71 | 53.77 4.06 -11.01 | 43.85 2.92 -8.07 | 40.65 2.67 -6.55 | 33.23 2.36 -1.71 | 39.62 2.51 -8.94 |
| HOLTSVILLE_IC_6 23695 | 26.37 1.49 0.00 | 24.72 1.40 0.00 | 23.48 1.43 0.00 | 23.55 1.40 0.00 | 24.07 1.53 0.00 | 27.38 1.72 0.00 | 32.14 2.37 -0.17 | 37.90 2.95 -1.78 | 37.85 2.91 -2.58 | 40.95 3.21 -4.68 | 38.83 2.67 -5.10 | 39.38 2.66 -6.48 | 39.86 2.75 -7.57 | 38.43 2.67 -6.68 | 40.05 2.58 -8.46 | 41.86 2.92 -8.17 | 51.13 4.28 -9.56 | 69.95 5.14 -18.91 | 59.64 4.54 -13.82 | 54.15 4.33 -11.12 | 44.28 3.15 -8.28 | 40.89 2.89 -6.57 | 33.37 2.51 -1.70 | 39.76 2.68 -8.91 |
| HOLTSVILLE_IC_7 23696 | 26.37 1.49 0.00 | 24.72 1.40 0.00 | 23.48 1.43 0.00 | 23.55 1.40 0.00 | 24.07 1.53 0.00 | 27.38 1.72 0.00 | 32.14 2.37 -0.17 | 37.90 2.95 -1.78 | 37.85 2.91 -2.58 | 40.95 3.21 -4.68 | 38.83 2.67 -5.10 | 39.38 2.66 -6.48 | 39.86 2.75 -7.57 | 38.43 2.67 -6.68 | 40.05 2.58 -8.46 | 41.86 2.92 -8.17 | 51.13 4.28 -9.56 | 69.95 5.14 -18.91 | 59.64 4.54 -13.82 | 54.15 4.33 -11.12 | 44.28 3.15 -8.28 | 40.89 2.89 -6.57 | 33.37 2.51 -1.70 | 39.76 2.68 -8.91 |
| HOLTSVILLE_IC_8 23697 | 26.37 1.49 0.00 | 24.72 1.40 0.00 | 23.48 1.43 0.00 | 23.55 1.40 0.00 | 24.07 1.53 0.00 | 27.38 1.72 0.00 | 32.14 2.37 -0.17 | 37.90 2.95 -1.78 | 37.85 2.91 -2.58 | 40.95 3.21 -4.68 | 38.83 2.67 -5.10 | 39.38 2.66 -6.48 | 39.86 2.75 -7.57 | 38.43 2.67 -6.68 | 40.05 2.58 -8.46 | 41.86 2.92 -8.17 | 51.13 4.28 -9.56 | 69.95 5.14 -18.91 | 59.64 4.54 -13.82 | 54.15 4.33 -11.12 | 44.28 3.15 -8.28 | 40.89 2.89 -6.57 | 33.37 2.51 -1.70 | 39.76 2.68 -8.91 |
| HOLTSVILLE_IC_9 23698 | 26.37 1.49 0.00 | 24.72 1.40 0.00 | 23.48 1.43 0.00 | 23.55 1.40 0.00 | 24.07 1.53 0.00 | 27.38 1.72 0.00 | 32.14 2.37 -0.17 | 37.90 2.95 -1.78 | 37.85 2.91 -2.58 | 40.95 3.21 -4.68 | 38.83 2.67 -5.10 | 39.38 2.66 -6.48 | 39.86 2.75 -7.57 | 38.43 2.67 -6.68 | 40.05 2.58 -8.46 | 41.86 2.92 -8.17 | 51.13 4.28 -9.56 | 69.95 5.14 -18.91 | 59.64 4.54 -13.82 | 54.15 4.33 -11.12 | 44.28 3.15 -8.28 | 40.89 2.89 -6.57 | 33.37 2.51 -1.70 | 39.76 2.68 -8.91 |
| HOMER_HL_115KV_TB2 355744 | 24.93 0.05 0.00 | 23.60 0.28 0.00 | 22.27 0.22 0.00 | 22.22 0.07 0.00 | 22.49 -0.05 0.00 | 25.69 0.03 0.00 | 29.74 0.15 0.00 | 32.73 -0.43 0.01 | 31.77 -0.58 0.00 | 27.92 -2.98 2.17 | 30.41 -0.65 0.00 | 29.73 -0.51 0.00 | 29.04 -0.50 0.00 | 28.58 -0.49 0.00 | 28.52 -0.49 0.00 | 30.12 -0.65 0.00 | 35.70 -1.57 0.01 | 42.95 -2.94 0.01 | 40.08 -1.20 0.01 | 38.30 -0.39 0.01 | 32.75 -0.10 0.00 | 31.27 -0.16 0.00 | 29.07 -0.09 0.00 | 28.49 0.31 0.00 |
| HOWARD_WT_PWR 323690 | 26.00 1.12 0.00 | 24.26 0.93 0.00 | 22.84 0.79 0.00 | 22.78 0.62 0.00 | 23.07 0.54 0.00 | 26.40 0.74 0.00 | 30.54 0.95 0.00 | 34.25 1.03 -0.05 | 33.06 0.68 -0.03 | 29.65 -0.13 3.28 | 31.53 0.47 0.00 | 30.60 0.36 0.00 | 29.90 0.36 0.00 | 29.51 0.44 0.00 | 29.53 0.52 0.00 | 31.48 0.71 0.00 | 38.52 1.19 -0.05 | 47.46 1.51 -0.05 | 43.24 1.90 -0.05 | 40.57 1.82 -0.05 | 34.33 1.48 0.00 | 32.72 1.29 0.00 | 30.24 1.08 0.00 | 29.36 1.18 0.00 |
| HQ_GEN_CEDARS 23644 | 25.42 0.55 0.00 | 23.81 0.49 0.00 | 22.49 0.44 0.00 | 22.64 0.49 0.00 | 23.01 0.47 0.00 | 26.10 0.44 0.00 | 29.98 0.38 0.00 | 33.27 0.10 0.00 | 32.45 0.10 0.00 | 32.86 0.00 0.20 | 31.00 -0.06 0.00 | 30.33 0.09 0.00 | 29.63 0.09 0.00 | 29.10 0.03 0.00 | 29.04 0.03 0.00 | 30.83 0.06 0.00 | 36.57 -0.71 0.00 | 45.09 -0.92 0.00 | 40.50 -0.78 0.00 | 37.96 -0.74 0.00 | 32.72 -0.13 0.00 | 31.52 0.09 0.00 | 29.48 0.32 0.00 | 28.51 0.34 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 25.40 0.52 0.00 | 23.81 0.49 0.00 | 22.49 0.44 0.00 | 22.64 0.49 0.00 | 23.01 0.47 0.00 | 26.10 0.44 0.00 | 29.98 0.38 0.00 | 33.31 0.13 0.00 | 32.45 0.10 0.00 | 32.77 0.03 0.33 | 31.00 -0.06 0.00 | 30.33 0.09 0.00 | 29.63 0.09 0.00 | 29.10 0.03 0.00 | 29.04 0.03 0.00 | 30.52 -0.25 0.00 | 36.49 -0.78 0.00 | 45.10 -0.92 0.00 | 40.50 -0.79 0.00 | 37.06 -0.74 0.90 | 33.62 -0.13 -0.90 | 31.52 0.09 0.00 | 29.48 0.32 0.00 | 28.54 0.37 0.00 |

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| HQ_GEN_IMPORT 323601 | 25.03 0.15 0.00 | 23.46 0.14 0.00 | 22.18 0.13 0.00 | 22.31 0.16 0.00 | 22.67 0.14 0.00 | 25.82 0.15 0.00 | 29.71 0.12 0.00 | 33.24 0.07 0.00 | 32.39 0.03 0.00 | 32.96 0.00 0.10 | 31.00 -0.06 0.00 | 30.21 -0.03 0.00 | 29.48 -0.06 0.00 | 28.99 -0.09 0.00 | 28.92 -0.09 0.00 | 33.46 -0.18 -2.88 | 33.80 -0.60 2.88 | 45.16 -0.74 0.00 | 40.67 -0.62 0.00 | 37.03 -0.58 1.08 | 33.80 -0.13 -1.08 | 31.37 -0.06 0.00 | 29.16 0.00 0.00 | 28.20 0.03 0.00 |
| HQ_GEN_WHEEL 23651 | 25.03 0.15 0.00 | 23.46 0.14 0.00 | 22.18 0.13 0.00 | 22.31 0.16 0.00 | 22.67 0.14 0.00 | 25.82 0.15 0.00 | 29.71 0.12 0.00 | 33.24 0.07 0.00 | 32.39 0.03 0.00 | 32.96 0.00 0.10 | 31.00 -0.06 0.00 | 30.21 -0.03 0.00 | 29.48 -0.06 0.00 | 28.99 -0.09 0.00 | 28.92 -0.09 0.00 | 33.46 -0.18 -2.88 | 33.80 -0.60 2.88 | 45.16 -0.74 0.00 | 40.67 -0.62 0.00 | 37.03 -0.58 1.08 | 33.80 -0.13 -1.08 | 31.37 -0.06 0.00 | 29.16 0.00 0.00 | 28.20 0.03 0.00 |
| HUDSON AVE_GT_3 23810 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 35.00 1.82 0.00 | 34.20 1.84 0.00 | 34.43 1.92 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.25 1.71 0.00 | 30.79 1.72 0.00 | 30.72 1.71 0.00 | 32.58 1.82 0.00 | 40.22 2.94 0.00 | 49.66 3.76 0.00 | 44.55 3.26 0.00 | 41.75 3.06 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.76 1.60 0.00 | 29.50 1.32 0.00 |
| HUDSON AVE_GT_4 23540 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 35.00 1.82 0.00 | 34.20 1.84 0.00 | 34.43 1.92 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.25 1.71 0.00 | 30.79 1.72 0.00 | 30.72 1.71 0.00 | 32.58 1.82 0.00 | 40.22 2.94 0.00 | 49.66 3.76 0.00 | 44.55 3.26 0.00 | 41.75 3.06 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.76 1.60 0.00 | 29.50 1.32 0.00 |
| HUDSON AVE_GT_5 23657 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 35.00 1.82 0.00 | 34.20 1.84 0.00 | 34.43 1.92 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.25 1.71 0.00 | 30.79 1.72 0.00 | 30.72 1.71 0.00 | 32.58 1.82 0.00 | 40.22 2.94 0.00 | 49.66 3.76 0.00 | 44.55 3.26 0.00 | 41.75 3.06 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.76 1.60 0.00 | 29.50 1.32 0.00 |
| HUDSON_AVE_10 24168 | 25.50 0.62 0.00 | 23.86 0.54 0.00 | 22.58 0.53 0.00 | 22.69 0.53 0.00 | 23.10 0.56 0.00 | 26.25 0.59 0.00 | 30.72 1.12 0.00 | 34.93 1.76 0.00 | 34.10 1.75 0.00 | 34.36 1.85 0.55 | 32.68 1.62 0.00 | 31.84 1.60 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.63 1.62 0.00 | 32.49 1.72 0.00 | 40.11 2.83 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.65 1.81 0.00 | 33.09 1.67 0.00 | 30.67 1.52 0.00 | 29.42 1.24 0.00 |
| HUDSON___115KV_TB 4 355613 | 25.65 0.77 0.00 | 24.07 0.75 0.00 | 22.78 0.73 0.00 | 22.91 0.75 0.00 | 23.32 0.79 0.00 | 26.35 0.69 0.00 | 30.48 0.89 0.00 | 34.50 1.33 0.00 | 33.62 1.26 0.00 | 33.87 1.26 0.44 | 32.15 1.09 0.00 | 31.24 1.00 0.00 | 30.49 0.95 0.00 | 30.03 0.96 0.00 | 30.02 1.02 0.00 | 31.97 1.20 0.00 | 39.25 1.98 0.00 | 48.47 2.57 0.00 | 43.56 2.27 0.00 | 40.79 2.09 0.00 | 34.36 1.51 0.00 | 32.72 1.29 0.00 | 30.18 1.02 0.00 | 29.08 0.90 0.00 |
| HUNTER MOUNT___DRP 323613 | 25.82 0.95 0.00 | 24.21 0.89 0.00 | 22.93 0.88 0.00 | 23.07 0.91 0.00 | 23.48 0.95 0.00 | 26.51 0.85 0.00 | 30.66 1.07 0.00 | 34.66 1.49 0.00 | 33.81 1.46 0.00 | 34.02 1.42 0.46 | 32.24 1.18 0.00 | 31.30 1.06 0.00 | 30.54 1.00 0.00 | 30.09 1.02 0.00 | 30.11 1.10 0.00 | 32.09 1.32 0.00 | 39.44 2.16 0.00 | 48.74 2.85 0.00 | 43.80 2.52 0.00 | 41.02 2.32 0.00 | 34.56 1.71 0.00 | 32.87 1.45 0.00 | 30.29 1.14 0.00 | 29.19 1.01 0.00 |
| HUNTINGTON_RES_REC 323705 | 26.02 1.14 0.00 | 24.40 1.07 0.00 | 23.15 1.10 0.00 | 23.22 1.06 0.00 | 23.71 1.17 0.00 | 26.99 1.33 0.00 | 31.81 2.04 -0.17 | 37.60 2.65 -1.78 | 37.55 2.62 -2.58 | 40.28 2.55 -4.67 | 38.54 2.39 -5.09 | 39.10 2.39 -6.47 | 39.52 2.42 -7.56 | 38.10 2.35 -6.67 | 39.77 2.32 -8.44 | 41.52 2.58 -8.17 | 50.52 3.69 -9.55 | 69.28 4.41 -18.98 | 59.07 3.92 -13.86 | 53.57 3.72 -11.15 | 43.86 2.72 -8.29 | 40.60 2.61 -6.56 | 33.13 2.28 -1.70 | 39.30 2.23 -8.90 |
| HUNTLEY___63 23557 | 23.68 -1.19 0.00 | 22.55 -0.77 0.00 | 21.32 -0.73 0.00 | 21.25 -0.91 0.00 | 21.43 -1.10 0.00 | 24.48 -1.18 0.00 | 28.17 -1.42 0.00 | 30.57 -2.59 0.02 | 29.82 -2.52 0.01 | 27.78 -3.04 2.24 | 28.54 -2.52 0.00 | 27.88 -2.36 0.00 | 27.21 -2.33 0.00 | 26.81 -2.27 0.00 | 26.72 -2.29 0.00 | 28.28 -2.49 0.00 | 34.05 -3.21 0.02 | 41.61 -4.27 0.02 | 38.01 -3.26 0.02 | 35.82 -2.86 0.02 | 30.58 -2.27 0.00 | 29.10 -2.33 0.00 | 27.20 -1.95 0.00 | 26.82 -1.35 0.00 |
| HUNTLEY___64 23558 | 23.68 -1.19 0.00 | 22.55 -0.77 0.00 | 21.32 -0.73 0.00 | 21.25 -0.91 0.00 | 21.43 -1.10 0.00 | 24.48 -1.18 0.00 | 28.17 -1.42 0.00 | 30.57 -2.59 0.02 | 29.82 -2.52 0.01 | 27.78 -3.04 2.24 | 28.54 -2.52 0.00 | 27.88 -2.36 0.00 | 27.21 -2.33 0.00 | 26.81 -2.27 0.00 | 26.72 -2.29 0.00 | 28.28 -2.49 0.00 | 34.05 -3.21 0.02 | 41.61 -4.27 0.02 | 38.01 -3.26 0.02 | 35.82 -2.86 0.02 | 30.58 -2.27 0.00 | 29.10 -2.33 0.00 | 27.20 -1.95 0.00 | 26.82 -1.35 0.00 |
| HUNTLEY___65 23559 | 23.68 -1.19 0.00 | 22.55 -0.77 0.00 | 21.32 -0.73 0.00 | 21.25 -0.91 0.00 | 21.43 -1.10 0.00 | 24.48 -1.18 0.00 | 28.17 -1.42 0.00 | 30.57 -2.59 0.02 | 29.82 -2.52 0.01 | 27.78 -3.04 2.24 | 28.54 -2.52 0.00 | 27.88 -2.36 0.00 | 27.21 -2.33 0.00 | 26.81 -2.27 0.00 | 26.72 -2.29 0.00 | 28.28 -2.49 0.00 | 34.05 -3.21 0.02 | 41.61 -4.27 0.02 | 38.01 -3.26 0.02 | 35.82 -2.86 0.02 | 30.58 -2.27 0.00 | 29.10 -2.33 0.00 | 27.20 -1.95 0.00 | 26.82 -1.35 0.00 |
| HUNTLEY___66 23560 | 23.68 -1.19 0.00 | 22.55 -0.77 0.00 | 21.32 -0.73 0.00 | 21.25 -0.91 0.00 | 21.43 -1.10 0.00 | 24.48 -1.18 0.00 | 28.17 -1.42 0.00 | 30.57 -2.59 0.02 | 29.82 -2.52 0.01 | 27.78 -3.04 2.24 | 28.54 -2.52 0.00 | 27.88 -2.36 0.00 | 27.21 -2.33 0.00 | 26.81 -2.27 0.00 | 26.72 -2.29 0.00 | 28.28 -2.49 0.00 | 34.05 -3.21 0.02 | 41.61 -4.27 0.02 | 38.01 -3.26 0.02 | 35.82 -2.86 0.02 | 30.58 -2.27 0.00 | 29.10 -2.33 0.00 | 27.20 -1.95 0.00 | 26.82 -1.35 0.00 |
| HUNTLEY___67 23561 | 23.61 -1.27 0.00 | 22.46 -0.86 0.00 | 21.23 -0.82 0.00 | 21.18 -0.97 0.00 | 21.36 -1.17 0.00 | 24.40 -1.26 0.00 | 28.09 -1.51 0.00 | 30.47 -2.69 0.01 | 29.70 -2.65 0.01 | 27.71 -3.11 2.24 | 28.51 -2.55 0.00 | 27.88 -2.36 0.00 | 27.21 -2.33 0.00 | 26.78 -2.30 0.00 | 26.72 -2.29 0.00 | 28.28 -2.49 0.00 | 34.02 -3.24 0.01 | 41.52 -4.36 0.01 | 37.97 -3.30 0.01 | 35.78 -2.90 0.01 | 30.55 -2.30 0.00 | 29.10 -2.33 0.00 | 27.20 -1.95 0.00 | 26.82 -1.35 0.00 |
| HUNTLEY___68 23562 | 23.61 -1.27 0.00 | 22.46 -0.86 0.00 | 21.23 -0.82 0.00 | 21.18 -0.97 0.00 | 21.36 -1.17 0.00 | 24.40 -1.26 0.00 | 28.09 -1.51 0.00 | 30.47 -2.69 0.01 | 29.70 -2.65 0.01 | 27.71 -3.11 2.24 | 28.51 -2.55 0.00 | 27.88 -2.36 0.00 | 27.21 -2.33 0.00 | 26.78 -2.30 0.00 | 26.72 -2.29 0.00 | 28.28 -2.49 0.00 | 34.02 -3.24 0.01 | 41.52 -4.36 0.01 | 37.97 -3.30 0.01 | 35.78 -2.90 0.01 | 30.55 -2.30 0.00 | 29.10 -2.33 0.00 | 27.20 -1.95 0.00 | 26.82 -1.35 0.00 |

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| HYLAND___LFGE 323620 | 26.02 1.14 0.00 | 24.23 0.91 0.00 | 22.84 0.79 0.00 | 22.82 0.66 0.00 | 23.16 0.63 0.00 | 26.61 0.95 0.00 | 31.02 1.42 0.00 | 34.58 1.39 -0.02 | 33.40 1.04 -0.01 | 29.95 0.36 3.48 | 31.77 0.71 0.00 | 30.84 0.60 0.00 | 30.13 0.59 0.00 | 29.68 0.61 0.00 | 29.91 0.90 0.00 | 31.91 1.14 0.00 | 39.31 2.01 -0.02 | 48.76 2.85 -0.02 | 44.11 2.81 -0.02 | 41.31 2.59 -0.02 | 34.85 2.00 0.00 | 33.13 1.70 0.00 | 30.59 1.43 0.00 | 29.67 1.49 0.00 |
| INDECK___CORINTH 23802 | 25.77 0.89 0.00 | 24.21 0.89 0.00 | 22.91 0.86 0.00 | 23.04 0.89 0.00 | 23.48 0.95 0.00 | 26.76 1.10 0.00 | 31.10 1.51 0.00 | 34.17 0.99 0.00 | 33.30 0.94 0.00 | 33.45 1.09 0.70 | 32.02 0.96 0.00 | 31.18 0.94 0.00 | 30.43 0.89 0.00 | 29.98 0.90 0.00 | 29.94 0.93 0.00 | 31.88 1.11 0.00 | 38.99 1.72 0.00 | 48.23 2.34 0.00 | 43.15 1.86 0.00 | 40.40 1.70 0.00 | 34.10 1.25 0.00 | 33.44 2.01 0.00 | 30.79 1.63 0.00 | 29.64 1.46 0.00 |
| INDECK___ILION 23567 | 25.23 0.35 0.00 | 23.63 0.30 0.00 | 22.33 0.29 0.00 | 22.45 0.29 0.00 | 22.83 0.29 0.00 | 25.99 0.33 0.00 | 29.98 0.38 0.00 | 33.64 0.46 0.00 | 32.91 0.55 0.00 | 33.29 0.53 0.30 | 31.43 0.37 0.00 | 30.60 0.36 0.00 | 29.87 0.32 0.00 | 29.39 0.32 0.00 | 29.36 0.35 0.00 | 31.17 0.40 0.00 | 37.87 0.60 0.00 | 46.72 0.83 0.00 | 42.03 0.74 0.00 | 39.39 0.70 0.00 | 33.34 0.49 0.00 | 31.90 0.47 0.00 | 29.57 0.41 0.00 | 28.57 0.39 0.00 |
| INDECK___OLEAN 23982 | 25.30 0.42 0.00 | 23.60 0.28 0.00 | 22.27 0.22 0.00 | 22.22 0.07 0.00 | 22.49 -0.04 0.00 | 25.69 0.03 0.00 | 29.71 0.12 0.00 | 32.73 -0.43 0.01 | 31.80 -0.55 0.01 | 26.47 -2.94 3.65 | 30.53 -0.53 0.00 | 29.75 -0.49 0.00 | 29.04 -0.50 0.00 | 28.58 -0.49 0.00 | 28.57 -0.43 0.00 | 30.18 -0.59 0.00 | 35.74 -1.53 0.01 | 42.90 -2.98 0.01 | 40.61 -0.66 0.01 | 38.30 -0.39 0.01 | 32.68 -0.16 0.00 | 31.18 -0.25 0.00 | 29.04 -0.12 0.00 | 28.46 0.28 0.00 |
| INDECK___OSWEGO 23783 | 24.28 -0.60 0.00 | 22.74 -0.58 0.00 | 21.47 -0.57 0.00 | 21.58 -0.58 0.00 | 21.95 -0.59 0.00 | 25.04 -0.62 0.00 | 28.86 -0.74 0.00 | 32.25 -0.93 -0.01 | 31.23 -1.13 0.00 | 28.11 -1.16 3.80 | 30.22 -0.84 0.00 | 29.42 -0.82 0.00 | 28.74 -0.80 0.00 | 28.35 -0.73 0.00 | 28.28 -0.72 0.00 | 30.03 -0.74 0.00 | 36.61 -0.67 -0.01 | 45.08 -0.82 -0.01 | 40.59 -0.70 -0.01 | 38.01 -0.70 -0.01 | 32.09 -0.75 0.00 | 30.61 -0.82 0.00 | 28.37 -0.79 0.00 | 27.44 -0.73 0.00 |
| INDECK___YERKES 23781 | 24.23 -0.65 0.00 | 22.55 -0.77 0.00 | 21.32 -0.73 0.00 | 21.27 -0.89 0.00 | 21.45 -1.08 0.00 | 24.51 -1.15 0.00 | 28.17 -1.42 0.00 | 30.57 -2.59 0.02 | 29.86 -2.49 0.01 | 26.26 -3.04 3.76 | 28.61 -2.45 0.00 | 27.88 -2.36 0.00 | 27.24 -2.30 0.00 | 26.81 -2.27 0.00 | 26.78 -2.23 0.00 | 28.28 -2.49 0.00 | 34.05 -3.21 0.02 | 41.61 -4.27 0.02 | 38.22 -3.05 0.02 | 35.82 -2.86 0.02 | 30.48 -2.37 0.00 | 29.01 -2.42 0.00 | 27.17 -1.98 0.00 | 26.80 -1.38 0.00 |
| INDIAN POINT_GT_1 24139 | 25.52 0.65 0.00 | 23.88 0.56 0.00 | 22.60 0.55 0.00 | 22.71 0.55 0.00 | 23.12 0.59 0.00 | 26.28 0.62 0.00 | 30.63 1.04 0.00 | 34.80 1.63 0.00 | 33.97 1.62 0.00 | 34.16 1.65 0.56 | 32.58 1.52 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.56 1.48 0.00 | 30.52 1.51 0.00 | 32.37 1.60 0.00 | 39.85 2.57 0.00 | 49.25 3.35 0.00 | 44.22 2.93 0.00 | 41.41 2.71 0.00 | 34.56 1.71 0.00 | 33.00 1.57 0.00 | 30.56 1.40 0.00 | 29.33 1.16 0.00 |
| INDIAN POINT_GT_2 23659 | 25.52 0.65 0.00 | 23.88 0.56 0.00 | 22.60 0.55 0.00 | 22.71 0.55 0.00 | 23.12 0.59 0.00 | 26.28 0.62 0.00 | 30.63 1.04 0.00 | 34.80 1.63 0.00 | 33.97 1.62 0.00 | 34.16 1.65 0.56 | 32.58 1.52 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.56 1.48 0.00 | 30.52 1.51 0.00 | 32.37 1.60 0.00 | 39.85 2.57 0.00 | 49.25 3.35 0.00 | 44.22 2.93 0.00 | 41.41 2.71 0.00 | 34.56 1.71 0.00 | 33.00 1.57 0.00 | 30.56 1.40 0.00 | 29.33 1.16 0.00 |
| INDIAN POINT_GT_3 24019 | 25.52 0.65 0.00 | 23.88 0.56 0.00 | 22.60 0.55 0.00 | 22.71 0.55 0.00 | 23.12 0.59 0.00 | 26.28 0.62 0.00 | 30.63 1.04 0.00 | 34.80 1.63 0.00 | 33.97 1.62 0.00 | 34.16 1.65 0.56 | 32.58 1.52 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.56 1.48 0.00 | 30.52 1.51 0.00 | 32.37 1.60 0.00 | 39.85 2.57 0.00 | 49.25 3.35 0.00 | 44.22 2.93 0.00 | 41.41 2.71 0.00 | 34.56 1.71 0.00 | 33.00 1.57 0.00 | 30.56 1.40 0.00 | 29.33 1.16 0.00 |
| INDIAN POINT___2 23530 | 25.42 0.55 0.00 | 23.86 0.54 0.00 | 22.58 0.53 0.00 | 22.69 0.53 0.00 | 23.10 0.56 0.00 | 26.25 0.59 0.00 | 30.63 1.04 0.00 | 34.80 1.63 0.00 | 34.01 1.65 0.00 | 33.80 1.69 0.95 | 32.58 1.52 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.58 1.51 0.00 | 30.49 1.48 0.00 | 32.49 1.72 0.00 | 39.88 2.61 0.00 | 49.15 3.26 0.00 | 44.13 2.85 0.00 | 41.36 2.67 0.00 | 34.52 1.67 0.00 | 32.91 1.48 0.00 | 30.53 1.37 0.00 | 29.36 1.18 0.00 |
| INDIAN POINT___3 23531 | 25.52 0.65 0.00 | 23.88 0.56 0.00 | 22.60 0.55 0.00 | 22.69 0.53 0.00 | 23.12 0.59 0.00 | 26.28 0.62 0.00 | 30.63 1.04 0.00 | 34.76 1.59 0.00 | 33.94 1.59 0.00 | 34.16 1.65 0.56 | 32.55 1.49 0.00 | 31.72 1.48 0.00 | 31.02 1.48 0.00 | 30.53 1.45 0.00 | 30.49 1.48 0.00 | 32.34 1.57 0.00 | 39.81 2.53 0.00 | 49.15 3.26 0.00 | 44.13 2.85 0.00 | 41.37 2.67 0.00 | 34.49 1.64 0.00 | 32.94 1.51 0.00 | 30.53 1.37 0.00 | 29.30 1.13 0.00 |
| INGHAM_C_115KV_TB7 356103 | 25.50 0.62 0.00 | 23.88 0.56 0.00 | 22.55 0.51 0.00 | 22.67 0.51 0.00 | 23.05 0.52 0.00 | 26.20 0.54 0.00 | 30.19 0.59 0.00 | 33.80 0.63 0.00 | 33.04 0.68 0.00 | 33.36 0.60 0.30 | 31.46 0.40 0.00 | 30.60 0.36 0.00 | 29.87 0.32 0.00 | 29.39 0.32 0.00 | 29.36 0.35 0.00 | 31.17 0.40 0.00 | 37.91 0.63 0.00 | 46.81 0.92 0.00 | 42.07 0.78 0.00 | 39.47 0.77 0.00 | 33.41 0.56 0.00 | 31.99 0.57 0.00 | 29.71 0.55 0.00 | 28.71 0.54 0.00 |
| IP CORINTH___1 23988 | 25.82 0.95 0.00 | 24.21 0.89 0.00 | 22.91 0.86 0.00 | 23.04 0.89 0.00 | 23.48 0.95 0.00 | 26.76 1.10 0.00 | 31.10 1.51 0.00 | 35.23 2.06 0.00 | 34.43 2.07 0.00 | 34.83 2.18 0.41 | 33.05 1.99 0.00 | 32.14 1.91 0.00 | 31.37 1.83 0.00 | 30.90 1.83 0.00 | 30.87 1.86 0.00 | 31.97 1.20 0.00 | 39.14 1.86 0.00 | 48.51 2.62 0.00 | 43.39 2.11 0.00 | 40.63 1.93 0.00 | 34.23 1.38 0.00 | 32.59 1.16 0.00 | 30.00 0.85 0.00 | 29.61 1.44 0.00 |
| IP___TICONDEROGA 23804 | 26.67 1.79 0.00 | 25.05 1.73 0.00 | 23.68 1.63 0.00 | 23.86 1.71 0.00 | 24.34 1.80 0.00 | 27.74 2.08 0.00 | 32.41 2.81 0.00 | 36.79 3.62 0.00 | 35.98 3.62 0.00 | 36.42 3.77 0.41 | 34.51 3.45 0.00 | 33.54 3.30 0.00 | 32.70 3.16 0.00 | 32.24 3.17 0.00 | 32.29 3.28 0.00 | 33.60 2.83 0.00 | 41.23 3.95 0.00 | 51.22 5.32 0.00 | 45.74 4.46 0.00 | 42.80 4.10 0.00 | 36.07 3.22 0.00 | 34.23 2.80 0.00 | 31.34 2.19 0.00 | 30.88 2.70 0.00 |
| ISLIP_RES_REC 323679 | 26.49 1.62 0.00 | 24.82 1.49 0.00 | 23.57 1.52 0.00 | 23.64 1.48 0.00 | 24.16 1.62 0.00 | 27.51 1.85 0.00 | 32.31 2.55 -0.17 | 38.10 3.15 -1.78 | 38.04 3.11 -2.58 | 41.14 3.41 -4.67 | 39.00 2.86 -5.09 | 39.52 2.81 -6.47 | 39.99 2.90 -7.56 | 38.56 2.82 -6.67 | 40.21 2.76 -8.44 | 42.11 3.11 -8.23 | 51.39 4.55 -9.57 | 70.34 5.46 -18.99 | 60.04 4.87 -13.89 | 54.53 4.64 -11.19 | 44.65 3.38 -8.42 | 41.09 3.08 -6.58 | 33.54 2.68 -1.70 | 39.89 2.82 -8.89 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| JAMAICA__27_KV_LOAD 355505 | 25.52 0.65 0.00 | 23.91 0.58 0.00 | 22.60 0.55 0.00 | 22.71 0.55 0.00 | 23.12 0.59 0.00 | 26.30 0.64 0.00 | 30.84 1.24 0.00 | 35.10 1.92 0.00 | 34.27 1.91 0.00 | 34.49 1.98 0.55 | 32.80 1.74 0.00 | 31.96 1.72 0.00 | 31.28 1.74 0.00 | 30.82 1.74 0.00 | 30.75 1.74 0.00 | 32.65 1.88 0.00 | 40.37 3.09 0.00 | 49.93 4.04 0.00 | 44.84 3.55 0.00 | 41.99 3.29 0.00 | 34.85 2.00 0.00 | 33.28 1.85 0.00 | 30.82 1.66 0.00 | 29.50 1.32 0.00 |
| JANIS__SOLAR 323808 | 26.12 1.24 0.00 | 24.42 1.10 0.00 | 23.04 0.99 0.00 | 23.13 0.97 0.00 | 23.55 1.01 0.00 | 27.05 1.38 0.00 | 31.37 1.78 0.00 | 35.38 2.19 -0.02 | 34.31 1.94 -0.01 | 31.63 1.55 2.98 | 32.80 1.74 0.00 | 31.84 1.60 0.00 | 31.05 1.51 0.00 | 30.61 1.54 0.00 | 30.63 1.62 0.00 | 32.77 2.00 0.00 | 40.21 2.91 -0.02 | 49.59 3.67 -0.02 | 44.86 3.55 -0.02 | 42.08 3.36 -0.02 | 35.48 2.63 0.00 | 33.69 2.26 0.00 | 31.05 1.89 0.00 | 29.98 1.80 0.00 |
| JARVIS____ 23743 | 24.93 0.05 0.00 | 23.37 0.05 0.00 | 22.11 0.07 0.00 | 22.22 0.07 0.00 | 22.60 0.07 0.00 | 25.74 0.08 0.00 | 29.68 0.09 0.00 | 33.31 0.13 0.00 | 32.65 0.29 0.00 | 32.87 0.30 0.49 | 31.25 0.19 0.00 | 30.42 0.18 0.00 | 29.72 0.18 0.00 | 29.25 0.18 0.00 | 29.18 0.18 0.00 | 31.01 0.25 0.00 | 37.65 0.37 0.00 | 46.35 0.46 0.00 | 41.70 0.41 0.00 | 39.08 0.39 0.00 | 33.08 0.23 0.00 | 31.65 0.22 0.00 | 29.36 0.21 0.00 | 28.35 0.17 0.00 |
| JENNISON____1 23625 | 26.17 1.29 0.00 | 24.54 1.21 0.00 | 23.17 1.12 0.00 | 23.26 1.11 0.00 | 23.66 1.13 0.00 | 27.17 1.51 0.00 | 31.55 1.95 0.00 | 35.58 2.39 -0.02 | 34.56 2.20 -0.01 | 33.38 1.88 1.57 | 33.14 2.08 0.00 | 32.27 2.03 0.00 | 31.49 1.95 0.00 | 31.02 1.95 0.00 | 30.98 1.97 0.00 | 33.02 2.25 0.00 | 40.35 3.06 -0.02 | 49.81 3.90 -0.02 | 44.98 3.67 -0.02 | 42.35 3.64 -0.02 | 35.64 2.79 0.00 | 33.91 2.48 0.00 | 31.29 2.13 0.00 | 30.18 2.00 0.00 |
| JENNISON____2 23626 | 26.17 1.29 0.00 | 24.54 1.21 0.00 | 23.17 1.12 0.00 | 23.26 1.11 0.00 | 23.66 1.13 0.00 | 27.17 1.51 0.00 | 31.55 1.95 0.00 | 35.58 2.39 -0.02 | 34.56 2.20 -0.01 | 33.38 1.88 1.57 | 33.14 2.08 0.00 | 32.27 2.03 0.00 | 31.49 1.95 0.00 | 31.02 1.95 0.00 | 30.98 1.97 0.00 | 33.02 2.25 0.00 | 40.35 3.06 -0.02 | 49.81 3.90 -0.02 | 44.98 3.67 -0.02 | 42.35 3.64 -0.02 | 35.64 2.79 0.00 | 33.91 2.48 0.00 | 31.29 2.13 0.00 | 30.18 2.00 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 25.77 0.89 0.00 | 24.12 0.79 0.00 | 22.77 0.73 0.00 | 22.98 0.82 0.00 | 23.34 0.81 0.00 | 26.56 0.90 0.00 | 30.36 0.77 0.00 | 33.87 0.70 0.00 | 32.91 0.55 0.00 | 33.08 0.30 0.27 | 30.87 -0.19 0.00 | 29.85 -0.39 0.00 | 28.86 -0.68 0.00 | 28.11 -0.96 0.00 | 28.02 -0.99 0.00 | 29.51 -1.26 0.00 | 35.23 -2.05 0.00 | 40.52 -2.52 2.85 | 39.30 -1.98 0.00 | 36.80 -1.90 0.00 | 31.77 -1.08 0.00 | 30.64 -0.78 0.00 | 28.54 -0.61 0.00 | 27.87 -0.31 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 25.70 0.82 0.00 | 24.07 0.75 0.00 | 22.75 0.71 0.00 | 22.87 0.71 0.00 | 23.26 0.72 0.00 | 26.43 0.77 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.20 1.84 0.00 | 34.47 1.95 0.55 | 32.89 1.83 0.00 | 32.02 1.78 0.00 | 31.31 1.77 0.00 | 30.82 1.74 0.00 | 30.75 1.74 0.00 | 32.68 1.91 0.00 | 40.11 2.83 0.00 | 49.61 3.72 0.00 | 44.55 3.26 0.00 | 41.75 3.06 0.00 | 34.85 2.00 0.00 | 33.25 1.82 0.00 | 30.76 1.60 0.00 | 29.50 1.32 0.00 |
| KCE_NY_1 323755 | 25.72 0.85 0.00 | 24.19 0.86 0.00 | 22.86 0.82 0.00 | 23.00 0.84 0.00 | 23.41 0.88 0.00 | 26.66 1.00 0.00 | 30.93 1.33 0.00 | 34.67 1.49 0.00 | 33.85 1.49 0.00 | 33.98 1.62 0.70 | 32.52 1.46 0.00 | 31.66 1.42 0.00 | 30.90 1.36 0.00 | 30.44 1.37 0.00 | 30.37 1.36 0.00 | 32.34 1.57 0.00 | 39.55 2.27 0.00 | 48.83 2.94 0.00 | 43.72 2.44 0.00 | 40.98 2.28 0.00 | 34.56 1.71 0.00 | 33.16 1.73 0.00 | 30.61 1.46 0.00 | 29.50 1.32 0.00 |
| KCE_NY_6_ESR 323823 | 24.55 -0.32 0.00 | 22.86 -0.47 0.00 | 21.61 -0.44 0.00 | 21.54 -0.62 0.00 | 21.72 -0.81 0.00 | 24.81 -0.85 0.00 | 28.56 -1.04 0.00 | 31.00 -2.16 0.01 | 30.21 -2.14 0.01 | 26.38 -2.94 3.74 | 29.07 -1.99 0.00 | 28.34 -1.90 0.00 | 27.65 -1.89 0.00 | 27.21 -1.86 0.00 | 27.21 -1.80 0.00 | 28.74 -2.03 0.00 | 34.47 -2.80 0.01 | 41.98 -3.90 0.01 | 38.84 -2.44 0.01 | 36.44 -2.25 0.01 | 31.07 -1.77 0.00 | 29.57 -1.85 0.00 | 27.67 -1.49 0.00 | 27.27 -0.90 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 26.32 1.44 0.00 | 24.68 1.35 0.00 | 23.44 1.39 0.00 | 23.51 1.35 0.00 | 24.00 1.46 0.00 | 27.33 1.67 0.00 | 32.08 2.31 -0.17 | 37.84 2.88 -1.78 | 37.79 2.85 -2.59 | 40.86 3.11 -4.69 | 38.77 2.61 -5.10 | 39.33 2.60 -6.49 | 39.80 2.69 -7.58 | 38.38 2.62 -6.69 | 40.00 2.52 -8.47 | 41.76 2.86 -8.13 | 51.05 4.21 -9.56 | 69.63 4.86 -18.87 | 59.36 4.29 -13.78 | 53.99 4.22 -11.08 | 44.10 3.06 -8.20 | 40.82 2.83 -6.56 | 33.31 2.45 -1.70 | 39.68 2.59 -8.92 |
| KEDC_PORT_JEFF_GT3 24211 | 26.32 1.44 0.00 | 24.68 1.35 0.00 | 23.44 1.39 0.00 | 23.51 1.35 0.00 | 24.00 1.46 0.00 | 27.33 1.67 0.00 | 32.08 2.31 -0.17 | 37.84 2.88 -1.78 | 37.79 2.85 -2.59 | 40.86 3.11 -4.69 | 38.77 2.61 -5.10 | 39.33 2.60 -6.49 | 39.80 2.69 -7.58 | 38.38 2.62 -6.69 | 40.00 2.52 -8.47 | 41.76 2.86 -8.13 | 51.05 4.21 -9.56 | 69.63 4.86 -18.87 | 59.36 4.29 -13.78 | 53.99 4.22 -11.08 | 44.10 3.06 -8.20 | 40.82 2.83 -6.56 | 33.31 2.45 -1.70 | 39.68 2.59 -8.92 |
| KEDC_GLWD_GT4 24219 | 25.80 0.92 0.00 | 24.21 0.89 0.00 | 22.93 0.88 0.00 | 23.00 0.84 0.00 | 23.46 0.92 0.00 | 26.69 1.03 0.00 | 31.37 1.66 -0.12 | 36.73 2.29 -1.27 | 36.49 2.30 -1.84 | 38.49 2.31 -3.12 | 36.82 2.14 -3.62 | 36.99 2.15 -4.60 | 37.04 2.13 -5.37 | 35.91 2.09 -4.75 | 37.07 2.06 -6.01 | 45.24 2.31 -12.16 | 49.15 3.28 -8.59 | 80.80 4.04 -30.86 | 68.02 3.51 -23.23 | 61.29 3.29 -19.31 | 53.39 2.23 -18.30 | 40.10 2.04 -6.63 | 32.33 1.95 -1.22 | 36.26 1.78 -6.31 |
| KEDC_GLWD_GT5 24220 | 25.80 0.92 0.00 | 24.21 0.89 0.00 | 22.93 0.88 0.00 | 23.00 0.84 0.00 | 23.46 0.92 0.00 | 26.69 1.03 0.00 | 31.37 1.66 -0.12 | 36.73 2.29 -1.27 | 36.49 2.30 -1.84 | 38.49 2.31 -3.12 | 36.82 2.14 -3.62 | 36.99 2.15 -4.60 | 37.04 2.13 -5.37 | 35.91 2.09 -4.75 | 37.07 2.06 -6.01 | 45.24 2.31 -12.16 | 49.15 3.28 -8.59 | 80.80 4.04 -30.86 | 68.02 3.51 -23.23 | 61.29 3.29 -19.31 | 53.39 2.23 -18.30 | 40.10 2.04 -6.63 | 32.33 1.95 -1.22 | 36.26 1.78 -6.31 |
| KENSICO____ 23655 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.17 0.63 0.00 | 26.35 0.69 0.00 | 30.75 1.15 0.00 | 34.90 1.72 0.00 | 34.10 1.75 0.00 | 34.33 1.82 0.55 | 32.71 1.65 0.00 | 31.84 1.60 0.00 | 31.16 1.62 0.00 | 30.67 1.60 0.00 | 30.60 1.60 0.00 | 32.46 1.69 0.00 | 40.00 2.72 0.00 | 49.38 3.49 0.00 | 44.34 3.06 0.00 | 41.56 2.86 0.00 | 34.65 1.81 0.00 | 33.06 1.63 0.00 | 30.64 1.49 0.00 | 29.42 1.24 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 25.67 0.80 0.00 | 24.02 0.70 0.00 | 22.71 0.66 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.46 0.80 0.00 | 30.81 1.21 0.00 | 34.83 1.66 0.00 | 33.94 1.59 0.00 | 34.01 1.52 0.57 | 32.40 1.34 0.00 | 31.54 1.30 0.00 | 30.84 1.30 0.00 | 30.38 1.31 0.00 | 30.37 1.36 0.00 | 32.34 1.57 0.00 | 39.96 2.68 0.00 | 49.43 3.53 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.58 1.41 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| KIAC_JFK_GT1 23816 | 25.47 0.60 0.00 | 23.84 0.51 0.00 | 22.55 0.51 0.00 | 22.64 0.49 0.00 | 23.08 0.54 0.00 | 26.22 0.56 0.00 | 30.75 1.15 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.71 1.65 0.00 | 31.87 1.63 0.00 | 31.19 1.65 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.26 2.98 0.00 | 49.75 3.86 0.00 | 44.67 3.39 0.00 | 41.83 3.13 0.00 | 34.75 1.91 0.00 | 33.19 1.76 0.00 | 30.73 1.57 0.00 | 29.42 1.24 0.00 |
| KIAC_JFK_GT2 23817 | 25.47 0.60 0.00 | 23.84 0.51 0.00 | 22.55 0.51 0.00 | 22.64 0.49 0.00 | 23.08 0.54 0.00 | 26.22 0.56 0.00 | 30.75 1.15 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.71 1.65 0.00 | 31.87 1.63 0.00 | 31.19 1.65 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.26 2.98 0.00 | 49.75 3.86 0.00 | 44.67 3.39 0.00 | 41.83 3.13 0.00 | 34.75 1.91 0.00 | 33.19 1.76 0.00 | 30.73 1.57 0.00 | 29.42 1.24 0.00 |
| KIAC_JFK____ 323774 | 25.37 0.50 0.00 | 23.84 0.51 0.00 | 22.56 0.51 0.00 | 22.64 0.49 0.00 | 23.07 0.54 0.00 | 26.22 0.56 0.00 | 30.75 1.15 0.00 | 35.03 1.86 0.00 | 34.23 1.88 0.00 | 34.08 1.95 0.93 | 32.74 1.68 0.00 | 31.93 1.69 0.00 | 31.25 1.71 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.33 3.06 0.00 | 49.75 3.86 0.00 | 44.67 3.39 0.00 | 41.83 3.13 0.00 | 34.79 1.94 0.00 | 33.13 1.70 0.00 | 30.73 1.57 0.00 | 29.47 1.30 0.00 |
| KINTIGH____ 23543 | 23.43 -1.44 0.00 | 22.25 -1.07 0.00 | 21.03 -1.01 0.00 | 21.00 -1.15 0.00 | 21.23 -1.31 0.00 | 24.25 -1.41 0.00 | 27.94 -1.66 0.00 | 30.50 -2.65 0.02 | 29.73 -2.62 0.01 | 28.37 -2.48 2.21 | 28.64 -2.42 0.00 | 27.94 -2.30 0.00 | 27.30 -2.25 0.00 | 26.89 -2.18 0.00 | 26.80 -2.20 0.00 | 28.40 -2.37 0.00 | 34.43 -2.83 0.02 | 42.34 -3.53 0.02 | 38.34 -2.93 0.02 | 35.89 -2.79 0.02 | 30.52 -2.33 0.00 | 29.07 -2.36 0.00 | 27.15 -2.01 0.00 | 26.63 -1.55 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 26.17 1.29 0.00 | 24.49 1.17 0.00 | 23.11 1.06 0.00 | 23.31 1.15 0.00 | 23.71 1.17 0.00 | 27.02 1.36 0.00 | 30.81 1.21 0.00 | 34.47 1.29 0.00 | 33.46 1.10 0.00 | 33.67 0.76 0.15 | 31.31 0.25 0.00 | 30.24 0.00 0.00 | 29.22 -0.32 0.00 | 28.40 -0.67 0.00 | 28.34 -0.67 0.00 | 30.00 -0.77 0.00 | 35.93 -1.34 0.00 | 41.45 -1.74 2.70 | 40.13 -1.16 0.00 | 37.54 -1.16 0.00 | 32.32 -0.53 0.00 | 31.18 -0.25 0.00 | 28.98 -0.17 0.00 | 28.40 0.23 0.00 |
| LACHUTE____HYDRO 323717 | 26.62 1.74 0.00 | 25.05 1.73 0.00 | 23.68 1.63 0.00 | 23.86 1.71 0.00 | 24.34 1.80 0.00 | 27.74 2.08 0.00 | 32.41 2.81 0.00 | 35.99 2.82 0.00 | 35.14 2.78 0.00 | 35.30 2.94 0.70 | 33.79 2.73 0.00 | 32.81 2.57 0.00 | 31.99 2.45 0.00 | 31.54 2.47 0.00 | 31.62 2.61 0.00 | 33.66 2.89 0.00 | 41.30 4.03 0.00 | 51.22 5.32 0.00 | 45.75 4.46 0.00 | 42.80 4.10 0.00 | 36.10 3.25 0.00 | 34.98 3.55 0.00 | 32.07 2.92 0.00 | 30.88 2.71 0.00 |
| LAWRNCV_115KV_TB1 80681 | 25.40 0.52 0.00 | 23.77 0.44 0.00 | 22.47 0.42 0.00 | 22.62 0.47 0.00 | 22.96 0.43 0.00 | 25.92 0.26 0.00 | 29.68 0.09 0.00 | 32.97 -0.20 0.00 | 32.16 -0.19 0.00 | 32.43 -0.30 0.33 | 30.75 -0.31 0.00 | 30.06 -0.18 0.00 | 29.33 -0.21 0.00 | 28.78 -0.29 0.00 | 28.72 -0.29 0.00 | 30.52 -0.25 0.00 | 36.16 -1.12 0.00 | 44.81 -1.42 -0.34 | 40.09 -1.20 0.00 | 37.57 -1.12 0.00 | 32.49 -0.36 0.00 | 31.49 0.06 0.00 | 29.48 0.32 0.00 | 28.49 0.31 0.00 |
| LEDERLE____ 23769 | 25.57 0.70 0.00 | 23.93 0.61 0.00 | 22.64 0.60 0.00 | 22.76 0.60 0.00 | 23.17 0.63 0.00 | 26.35 0.69 0.00 | 30.72 1.12 0.00 | 34.86 1.69 0.00 | 34.04 1.68 0.00 | 34.21 1.72 0.57 | 32.61 1.55 0.00 | 31.78 1.54 0.00 | 31.08 1.54 0.00 | 30.61 1.54 0.00 | 30.55 1.54 0.00 | 32.43 1.66 0.00 | 39.92 2.65 0.00 | 49.34 3.44 0.00 | 44.34 3.06 0.00 | 41.52 2.82 0.00 | 34.62 1.77 0.00 | 33.06 1.63 0.00 | 30.64 1.49 0.00 | 29.39 1.21 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 24.26 -0.62 0.00 | 22.74 -0.58 0.00 | 21.50 -0.55 0.00 | 21.58 -0.58 0.00 | 21.97 -0.56 0.00 | 25.07 -0.59 0.00 | 28.94 -0.65 0.00 | 32.35 -0.83 -0.01 | 31.29 -1.07 0.00 | 29.96 -1.06 2.04 | 30.25 -0.81 0.00 | 29.45 -0.79 0.00 | 28.77 -0.77 0.00 | 28.38 -0.70 0.00 | 28.31 -0.70 0.00 | 30.12 -0.65 0.00 | 36.76 -0.52 -0.01 | 45.40 -0.50 -0.01 | 40.84 -0.45 -0.01 | 38.28 -0.43 -0.01 | 32.36 -0.49 0.00 | 30.89 -0.53 0.00 | 28.57 -0.58 0.00 | 27.64 -0.54 0.00 |
| LINDEN COGEN____ 23786 | 25.33 0.45 0.00 | 23.79 0.47 0.00 | 22.51 0.46 0.00 | 22.60 0.44 0.00 | 23.03 0.50 0.00 | 26.15 0.49 0.00 | 30.60 1.01 0.00 | 34.83 1.66 0.00 | 34.07 1.71 0.00 | 33.91 1.78 0.93 | 32.61 1.55 0.00 | 31.84 1.60 0.00 | 31.13 1.59 0.00 | 30.64 1.57 0.00 | 30.57 1.57 0.00 | 32.58 1.81 0.00 | 40.03 2.76 0.00 | 49.34 3.44 0.00 | 44.26 2.97 0.00 | 41.48 2.79 0.00 | 34.56 1.71 0.00 | 32.91 1.48 0.00 | 30.56 1.40 0.00 | 29.36 1.18 0.00 |
| LINDHRST_69_KV_BK1 356055 | 26.40 1.52 0.00 | 24.58 1.26 0.00 | 23.33 1.28 0.00 | 23.40 1.24 0.00 | 23.89 1.35 0.00 | 27.23 1.57 0.00 | 32.07 2.31 -0.16 | 37.74 2.89 -1.68 | 37.61 2.81 -2.44 | 40.73 2.91 -4.76 | 38.48 2.61 -4.81 | 38.93 2.57 -6.12 | 39.26 2.57 -7.15 | 37.91 2.53 -6.31 | 39.52 2.52 -7.98 | 42.79 2.74 -9.28 | 50.89 4.14 -9.47 | 71.84 5.14 -20.80 | 61.32 4.58 -15.46 | 55.66 4.30 -12.67 | 46.82 3.09 -10.88 | 40.88 2.77 -6.69 | 33.33 2.57 -1.61 | 38.98 2.39 -8.41 |
| LIPA_MISC_IPP 23656 | 26.54 1.67 0.00 | 24.72 1.40 0.00 | 23.48 1.43 0.00 | 23.55 1.40 0.00 | 24.07 1.53 0.00 | 27.38 1.72 0.00 | 31.90 2.13 -0.17 | 37.54 2.59 -1.78 | 37.53 2.59 -2.59 | 41.14 3.01 -5.07 | 38.50 2.33 -5.11 | 39.03 2.30 -6.50 | 39.49 2.36 -7.59 | 38.10 2.33 -6.70 | 39.75 2.26 -8.48 | 41.38 2.52 -8.09 | 50.67 3.84 -9.56 | 69.48 4.77 -18.81 | 59.22 4.21 -13.72 | 53.75 4.02 -11.03 | 43.78 2.82 -8.11 | 40.44 2.45 -6.56 | 33.17 2.30 -1.71 | 39.73 2.62 -8.93 |
| LISF____SOLAR 323691 | 26.42 1.54 0.00 | 24.77 1.45 0.00 | 23.55 1.50 0.00 | 23.60 1.44 0.00 | 24.11 1.58 0.00 | 27.43 1.77 0.00 | 32.05 2.28 -0.17 | 37.71 2.75 -1.78 | 37.69 2.75 -2.59 | 40.96 3.21 -4.69 | 38.68 2.51 -5.11 | 39.21 2.48 -6.49 | 39.78 2.66 -7.58 | 38.33 2.56 -6.69 | 39.92 2.44 -8.47 | 41.64 2.77 -8.10 | 50.94 4.10 -9.56 | 69.64 4.91 -18.83 | 59.40 4.37 -13.74 | 53.88 4.14 -11.05 | 43.95 2.96 -8.14 | 40.69 2.70 -6.56 | 33.20 2.33 -1.71 | 39.83 2.73 -8.93 |
| LITTLE FALLS____HYD 24013 | 25.50 0.62 0.00 | 23.88 0.56 0.00 | 22.55 0.51 0.00 | 22.67 0.51 0.00 | 23.05 0.52 0.00 | 26.20 0.54 0.00 | 30.19 0.59 0.00 | 33.80 0.63 0.00 | 33.04 0.68 0.00 | 33.36 0.60 0.30 | 31.46 0.40 0.00 | 30.60 0.36 0.00 | 29.87 0.32 0.00 | 29.39 0.32 0.00 | 29.36 0.35 0.00 | 31.17 0.40 0.00 | 37.91 0.63 0.00 | 46.81 0.92 0.00 | 42.07 0.78 0.00 | 39.47 0.77 0.00 | 33.41 0.56 0.00 | 31.99 0.57 0.00 | 29.71 0.55 0.00 | 28.71 0.54 0.00 |
| LITTLRIV_115KV_TB1 356100 | 25.65 0.77 0.00 | 24.00 0.68 0.00 | 22.69 0.64 0.00 | 22.87 0.71 0.00 | 23.19 0.65 0.00 | 26.22 0.56 0.00 | 30.10 0.50 0.00 | 33.47 0.30 0.00 | 32.68 0.32 0.00 | 32.91 0.20 0.35 | 31.22 0.16 0.00 | 30.51 0.27 0.00 | 29.81 0.27 0.00 | 29.22 0.15 0.00 | 29.15 0.15 0.00 | 31.02 0.25 0.00 | 36.72 -0.56 0.00 | 45.58 -0.69 -0.38 | 40.71 -0.58 0.00 | 38.23 -0.46 0.00 | 33.05 0.20 0.00 | 31.99 0.57 0.00 | 29.86 0.70 0.00 | 28.88 0.70 0.00 |

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| LI_NEWBRDGE___DRP 323616 | 25.90 1.02 0.00 | 24.14 0.82 0.00 | 22.88 0.84 0.00 | 22.95 0.80 0.00 | 23.44 0.90 0.00 | 26.69 1.03 0.00 | 31.43 1.66 -0.18 | 37.19 2.19 -1.83 | 37.18 2.17 -2.66 | 40.46 2.18 -5.21 | 38.29 1.99 -5.25 | 38.90 2.00 -6.67 | 39.34 2.01 -7.79 | 37.93 1.98 -6.88 | 39.66 1.94 -8.70 | 40.01 2.06 -7.18 | 49.94 3.17 -9.50 | 67.50 3.95 -17.65 | 57.41 3.47 -12.66 | 51.92 3.25 -9.97 | 41.21 2.23 -6.13 | 39.86 2.04 -6.38 | 32.86 1.95 -1.75 | 39.12 1.78 -9.17 |
| LOCKPORT_115KV_TB60_63_64 80432 | 23.41 -1.47 0.00 | 22.30 -1.03 0.00 | 21.08 -0.97 0.00 | 21.00 -1.15 0.00 | 21.20 -1.33 0.00 | 24.22 -1.44 0.00 | 27.91 -1.69 0.00 | 30.24 -2.92 0.02 | 29.50 -2.85 0.01 | 27.61 -3.21 2.25 | 28.33 -2.73 0.00 | 27.67 -2.57 0.00 | 27.03 -2.51 0.00 | 26.60 -2.47 0.00 | 26.51 -2.49 0.00 | 28.09 -2.68 0.00 | 33.87 -3.39 0.02 | 41.38 -4.50 0.02 | 37.76 -3.51 0.02 | 35.55 -3.13 0.02 | 30.35 -2.50 0.00 | 28.88 -2.55 0.00 | 27.00 -2.16 0.00 | 26.63 -1.55 0.00 |
| LOCKPORT___CC1 323769 | 23.96 -0.92 0.00 | 22.30 -1.03 0.00 | 21.08 -0.97 0.00 | 21.03 -1.13 0.00 | 21.20 -1.33 0.00 | 24.22 -1.44 0.00 | 27.85 -1.75 0.00 | 30.20 -2.95 0.02 | 29.50 -2.85 0.01 | 26.08 -3.21 3.77 | 28.39 -2.67 0.00 | 27.64 -2.60 0.00 | 27.00 -2.54 0.00 | 26.57 -2.50 0.00 | 26.57 -2.44 0.00 | 28.09 -2.68 0.00 | 33.79 -3.47 0.02 | 41.33 -4.54 0.02 | 37.93 -3.34 0.02 | 35.51 -3.17 0.02 | 30.22 -2.63 0.00 | 28.76 -2.67 0.00 | 26.97 -2.19 0.00 | 26.60 -1.58 0.00 |
| LOCKPORT___CC2 323770 | 23.96 -0.92 0.00 | 22.30 -1.03 0.00 | 21.08 -0.97 0.00 | 21.03 -1.13 0.00 | 21.20 -1.33 0.00 | 24.22 -1.44 0.00 | 27.85 -1.75 0.00 | 30.20 -2.95 0.02 | 29.50 -2.85 0.01 | 26.08 -3.21 3.77 | 28.39 -2.67 0.00 | 27.64 -2.60 0.00 | 27.00 -2.54 0.00 | 26.57 -2.50 0.00 | 26.57 -2.44 0.00 | 28.09 -2.68 0.00 | 33.79 -3.47 0.02 | 41.33 -4.54 0.02 | 37.93 -3.34 0.02 | 35.51 -3.17 0.02 | 30.22 -2.63 0.00 | 28.76 -2.67 0.00 | 26.97 -2.19 0.00 | 26.60 -1.58 0.00 |
| LOCKPORT___CC3 323771 | 23.96 -0.92 0.00 | 22.30 -1.03 0.00 | 21.08 -0.97 0.00 | 21.03 -1.13 0.00 | 21.20 -1.33 0.00 | 24.22 -1.44 0.00 | 27.85 -1.75 0.00 | 30.20 -2.95 0.02 | 29.50 -2.85 0.01 | 26.08 -3.21 3.77 | 28.39 -2.67 0.00 | 27.64 -2.60 0.00 | 27.00 -2.54 0.00 | 26.57 -2.50 0.00 | 26.57 -2.44 0.00 | 28.09 -2.68 0.00 | 33.79 -3.47 0.02 | 41.33 -4.54 0.02 | 37.93 -3.34 0.02 | 35.51 -3.17 0.02 | 30.22 -2.63 0.00 | 28.76 -2.67 0.00 | 26.97 -2.19 0.00 | 26.60 -1.58 0.00 |
| LONG_LAKE_PHOENIX 24014 | 24.31 -0.57 0.00 | 22.81 -0.51 0.00 | 21.54 -0.51 0.00 | 21.63 -0.53 0.00 | 22.02 -0.52 0.00 | 25.12 -0.54 0.00 | 28.97 -0.62 0.00 | 32.45 -0.73 -0.01 | 31.36 -1.00 0.00 | 29.71 -0.99 2.36 | 30.41 -0.65 0.00 | 29.60 -0.64 0.00 | 28.95 -0.59 0.00 | 28.55 -0.52 0.00 | 28.49 -0.52 0.00 | 30.18 -0.58 0.00 | 36.84 -0.45 -0.01 | 45.40 -0.50 -0.01 | 40.84 -0.45 -0.01 | 38.28 -0.43 -0.01 | 32.29 -0.56 0.00 | 30.80 -0.63 0.00 | 28.54 -0.61 0.00 | 27.64 -0.54 0.00 |
| LOVETT___3 23632 | 25.47 0.60 0.00 | 23.86 0.54 0.00 | 22.55 0.51 0.00 | 22.67 0.51 0.00 | 23.08 0.54 0.00 | 26.25 0.59 0.00 | 30.60 1.01 0.00 | 34.73 1.56 0.00 | 33.91 1.55 0.00 | 34.08 1.59 0.57 | 32.49 1.43 0.00 | 31.66 1.42 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.74 2.46 0.00 | 49.11 3.21 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.46 1.61 0.00 | 32.91 1.48 0.00 | 30.50 1.34 0.00 | 29.27 1.10 0.00 |
| LOVETT___4 23642 | 25.47 0.60 0.00 | 23.86 0.54 0.00 | 22.55 0.51 0.00 | 22.67 0.51 0.00 | 23.08 0.54 0.00 | 26.25 0.59 0.00 | 30.60 1.01 0.00 | 34.73 1.56 0.00 | 33.91 1.55 0.00 | 34.08 1.59 0.57 | 32.49 1.43 0.00 | 31.66 1.42 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.74 2.46 0.00 | 49.11 3.21 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.46 1.61 0.00 | 32.91 1.48 0.00 | 30.50 1.34 0.00 | 29.27 1.10 0.00 |
| LOVETT___5 23593 | 25.47 0.60 0.00 | 23.86 0.54 0.00 | 22.55 0.51 0.00 | 22.67 0.51 0.00 | 23.08 0.54 0.00 | 26.25 0.59 0.00 | 30.60 1.01 0.00 | 34.73 1.56 0.00 | 33.91 1.55 0.00 | 34.08 1.59 0.57 | 32.49 1.43 0.00 | 31.66 1.42 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.74 2.46 0.00 | 49.11 3.21 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.46 1.61 0.00 | 32.91 1.48 0.00 | 30.50 1.34 0.00 | 29.27 1.10 0.00 |
| LOWER RAQUET___HYD 24057 | 25.37 0.50 0.00 | 23.77 0.44 0.00 | 22.47 0.42 0.00 | 22.62 0.47 0.00 | 22.94 0.41 0.00 | 25.84 0.18 0.00 | 29.59 0.00 0.00 | 32.91 -0.27 0.00 | 32.06 -0.29 0.00 | 32.05 -0.40 0.61 | 30.66 -0.40 0.00 | 29.97 -0.27 0.00 | 29.22 -0.32 0.00 | 28.67 -0.41 0.00 | 28.60 -0.41 0.00 | 30.12 -0.65 0.00 | 35.94 -1.34 0.00 | 44.75 -1.56 -0.41 | 39.92 -1.36 0.00 | 37.46 -1.24 0.00 | 32.42 -0.43 0.00 | 31.49 0.06 0.00 | 29.45 0.29 0.00 | 28.49 0.31 0.00 |
| LOWER___HUDSON 24059 | 25.33 0.45 0.00 | 23.81 0.49 0.00 | 22.51 0.46 0.00 | 22.64 0.49 0.00 | 23.05 0.52 0.00 | 26.25 0.59 0.00 | 30.36 0.77 0.00 | 34.27 1.09 0.00 | 33.46 1.10 0.00 | 33.61 1.26 0.71 | 32.21 1.15 0.00 | 31.33 1.09 0.00 | 30.57 1.03 0.00 | 30.12 1.05 0.00 | 30.02 1.01 0.00 | 31.94 1.17 0.00 | 39.07 1.79 0.00 | 48.10 2.20 0.00 | 43.15 1.86 0.00 | 40.48 1.78 0.00 | 34.03 1.18 0.00 | 32.56 1.13 0.00 | 30.12 0.96 0.00 | 28.96 0.79 0.00 |
| LOWVILLE_115KV_TB2 356335 | 24.93 0.05 0.00 | 23.35 0.02 0.00 | 22.07 0.02 0.00 | 22.20 0.04 0.00 | 22.60 0.07 0.00 | 25.51 -0.15 0.00 | 29.33 -0.27 0.00 | 32.91 -0.27 0.00 | 32.10 -0.26 0.00 | 31.83 -0.33 0.90 | 30.75 -0.31 0.00 | 29.91 -0.33 0.00 | 29.19 -0.35 0.00 | 28.72 -0.35 0.00 | 28.72 -0.29 0.00 | 30.65 -0.12 0.00 | 37.28 0.00 0.00 | 46.15 0.14 -0.12 | 41.45 0.17 0.00 | 38.97 0.27 0.00 | 33.14 0.30 0.00 | 31.96 0.53 0.00 | 29.59 0.44 0.00 | 28.54 0.37 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 25.77 0.90 0.00 | 24.16 0.84 0.00 | 22.84 0.79 0.00 | 22.98 0.82 0.00 | 23.39 0.86 0.00 | 26.64 0.98 0.00 | 30.90 1.30 0.00 | 34.93 1.76 0.00 | 34.14 1.78 0.00 | 34.53 1.88 0.41 | 32.77 1.71 0.00 | 31.87 1.63 0.00 | 31.14 1.60 0.00 | 30.64 1.57 0.00 | 30.60 1.60 0.00 | 32.25 1.48 0.00 | 39.48 2.20 0.00 | 48.74 2.85 0.00 | 43.72 2.44 0.00 | 40.94 2.24 0.00 | 34.49 1.64 0.00 | 32.87 1.45 0.00 | 30.35 1.20 0.00 | 29.44 1.27 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 25.80 0.92 0.00 | 24.19 0.86 0.00 | 22.86 0.82 0.00 | 23.00 0.84 0.00 | 23.41 0.88 0.00 | 26.66 1.00 0.00 | 30.93 1.33 0.00 | 34.96 1.79 0.00 | 34.14 1.78 0.00 | 34.56 1.92 0.41 | 32.80 1.74 0.00 | 31.90 1.66 0.00 | 31.14 1.60 0.00 | 30.67 1.60 0.00 | 30.63 1.62 0.00 | 32.28 1.51 0.00 | 39.48 2.20 0.00 | 48.83 2.94 0.00 | 43.76 2.48 0.00 | 40.98 2.28 0.00 | 34.52 1.68 0.00 | 32.91 1.48 0.00 | 30.38 1.22 0.00 | 29.47 1.30 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 24.78 -0.10 0.00 | 23.21 -0.12 0.00 | 21.92 -0.13 0.00 | 22.07 -0.09 0.00 | 22.42 -0.11 0.00 | 25.30 -0.36 0.00 | 29.06 -0.53 0.00 | 32.44 -0.73 0.00 | 31.61 -0.74 0.00 | 31.51 -0.86 0.69 | 30.25 -0.81 0.00 | 29.51 -0.73 0.00 | 28.77 -0.77 0.00 | 28.29 -0.78 0.00 | 28.25 -0.75 0.00 | 30.12 -0.65 0.00 | 36.16 -1.12 0.00 | 44.84 -1.33 -0.28 | 40.17 -1.11 0.00 | 37.69 -1.01 0.00 | 32.32 -0.53 0.00 | 31.24 -0.19 0.00 | 29.07 -0.09 0.00 | 28.06 -0.11 0.00 |

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| LYONS_FALL_HYD 23570 | 25.10 0.22 0.00 | 23.51 0.19 0.00 | 22.22 0.18 0.00 | 22.36 0.20 0.00 | 22.76 0.23 0.00 | 25.82 0.15 0.00 | 29.74 0.15 0.00 | 33.41 0.23 0.00 | 32.61 0.26 0.00 | 31.92 0.20 1.34 | 31.25 0.19 0.00 | 30.39 0.15 0.00 | 29.66 0.12 0.00 | 29.22 0.15 0.00 | 29.18 0.18 0.00 | 31.11 0.34 0.00 | 37.87 0.59 0.00 | 46.80 0.83 -0.08 | 42.07 0.78 0.00 | 39.51 0.81 0.00 | 33.50 0.66 0.00 | 32.18 0.75 0.00 | 29.80 0.64 0.00 | 28.74 0.56 0.00 |
| MADISON___COUNTY_LFGE 323628 | 25.42 0.55 0.00 | 23.84 0.51 0.00 | 22.51 0.46 0.00 | 22.64 0.49 0.00 | 23.03 0.50 0.00 | 26.35 0.69 0.00 | 30.45 0.86 0.00 | 34.20 1.03 0.00 | 33.36 1.00 0.00 | 32.78 0.93 1.21 | 31.99 0.93 0.00 | 31.15 0.91 0.00 | 30.40 0.86 0.00 | 29.97 0.90 0.00 | 29.94 0.93 0.00 | 31.88 1.11 0.00 | 38.85 1.57 0.00 | 47.83 1.93 0.00 | 43.02 1.73 0.00 | 40.40 1.70 0.00 | 34.13 1.28 0.00 | 32.59 1.16 0.00 | 30.12 0.96 0.00 | 29.11 0.93 0.00 |
| MALONE___115KV_TB1 356076 | 25.92 1.04 0.00 | 24.26 0.93 0.00 | 22.89 0.84 0.00 | 23.09 0.93 0.00 | 23.46 0.92 0.00 | 26.66 1.00 0.00 | 30.54 0.95 0.00 | 34.03 0.86 0.00 | 33.13 0.78 0.00 | 33.34 0.50 0.22 | 31.18 0.12 0.00 | 30.21 -0.03 0.00 | 29.27 -0.27 0.00 | 28.55 -0.52 0.00 | 28.49 -0.52 0.00 | 30.18 -0.58 0.00 | 36.01 -1.27 0.00 | 46.16 -1.56 -1.83 | 40.13 -1.16 0.00 | 37.57 -1.12 0.00 | 32.39 -0.46 0.00 | 31.30 -0.13 0.00 | 29.13 -0.03 0.00 | 28.34 0.17 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 25.35 0.47 0.00 | 23.77 0.44 0.00 | 22.49 0.44 0.00 | 22.62 0.47 0.00 | 23.01 0.47 0.00 | 26.07 0.41 0.00 | 30.13 0.53 0.00 | 34.10 0.93 0.00 | 33.29 0.94 0.00 | 33.69 1.06 0.43 | 32.02 0.96 0.00 | 31.18 0.94 0.00 | 30.43 0.89 0.00 | 29.97 0.90 0.00 | 29.91 0.90 0.00 | 31.69 0.92 0.00 | 38.80 1.53 0.00 | 47.87 1.97 0.00 | 42.98 1.69 0.00 | 40.24 1.55 0.00 | 33.87 1.02 0.00 | 32.34 0.91 0.00 | 29.89 0.73 0.00 | 28.77 0.59 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 24.95 0.07 0.00 | 23.37 0.05 0.00 | 22.09 0.04 0.00 | 22.20 0.04 0.00 | 22.58 0.05 0.00 | 25.66 0.00 0.00 | 29.54 -0.06 0.00 | 32.94 -0.23 0.00 | 32.06 -0.29 0.00 | 32.41 -0.43 0.22 | 30.47 -0.59 0.00 | 29.60 -0.64 0.00 | 28.86 -0.68 0.00 | 28.37 -0.70 0.00 | 28.34 -0.67 0.00 | 30.06 -0.71 0.00 | 36.35 -0.93 0.00 | 44.79 -1.10 0.00 | 40.29 -0.99 0.00 | 37.77 -0.93 0.00 | 32.22 -0.63 0.00 | 30.93 -0.50 0.00 | 28.75 -0.41 0.00 | 27.84 -0.34 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 24.95 0.07 0.00 | 23.37 0.05 0.00 | 22.09 0.04 0.00 | 22.20 0.04 0.00 | 22.58 0.05 0.00 | 25.66 0.00 0.00 | 29.54 -0.06 0.00 | 32.94 -0.23 0.00 | 32.06 -0.29 0.00 | 32.41 -0.43 0.22 | 30.47 -0.59 0.00 | 29.60 -0.64 0.00 | 28.86 -0.68 0.00 | 28.37 -0.70 0.00 | 28.34 -0.67 0.00 | 30.06 -0.71 0.00 | 36.35 -0.93 0.00 | 44.79 -1.10 0.00 | 40.29 -0.99 0.00 | 37.77 -0.93 0.00 | 32.22 -0.63 0.00 | 30.93 -0.50 0.00 | 28.75 -0.41 0.00 | 27.84 -0.34 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 25.82 0.95 0.00 | 24.16 0.84 0.00 | 22.84 0.79 0.00 | 23.02 0.86 0.00 | 23.39 0.86 0.00 | 26.64 0.97 0.00 | 30.39 0.80 0.00 | 33.90 0.73 0.00 | 32.91 0.55 0.00 | 33.12 0.30 0.24 | 30.87 -0.19 0.00 | 29.85 -0.39 0.00 | 28.83 -0.71 0.00 | 28.05 -1.02 0.00 | 27.97 -1.04 0.00 | 29.45 -1.32 0.00 | 35.19 -2.09 0.00 | 40.64 -2.61 2.64 | 39.26 -2.02 0.00 | 36.76 -1.93 0.00 | 31.70 -1.15 0.00 | 30.58 -0.85 0.00 | 28.52 -0.64 0.00 | 27.87 -0.31 0.00 |
| MARSHVLE_115KV_TB1 80742 | 25.55 0.67 0.00 | 24.02 0.70 0.00 | 22.69 0.64 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.61 0.95 0.00 | 31.02 1.42 0.00 | 34.96 1.79 0.00 | 33.97 1.62 0.00 | 34.02 1.55 0.59 | 32.49 1.43 0.00 | 31.60 1.36 0.00 | 30.87 1.33 0.00 | 30.38 1.31 0.00 | 30.40 1.39 0.00 | 32.40 1.63 0.00 | 39.85 2.57 0.00 | 49.43 3.53 0.00 | 44.34 3.06 0.00 | 41.60 2.90 0.00 | 35.08 2.23 0.00 | 33.28 1.85 0.00 | 30.59 1.43 0.00 | 29.47 1.30 0.00 |
| MARSH_HILL_WT_PWR 323713 | 25.97 1.09 0.00 | 24.26 0.93 0.00 | 22.82 0.77 0.00 | 22.78 0.62 0.00 | 23.10 0.56 0.00 | 26.40 0.74 0.00 | 30.54 0.95 0.00 | 34.28 1.06 -0.05 | 33.09 0.71 -0.02 | 29.68 -0.10 3.29 | 31.59 0.53 0.00 | 30.66 0.42 0.00 | 29.95 0.41 0.00 | 29.54 0.46 0.00 | 29.56 0.55 0.00 | 31.54 0.77 0.00 | 38.55 1.23 -0.05 | 47.50 1.56 -0.05 | 43.27 1.94 -0.05 | 40.60 1.86 -0.05 | 34.36 1.51 0.00 | 32.75 1.32 0.00 | 30.26 1.11 0.00 | 29.39 1.21 0.00 |
| MCINTYRE_115KV_TB2 80467 | 25.77 0.90 0.00 | 24.14 0.82 0.00 | 22.80 0.75 0.00 | 22.98 0.82 0.00 | 23.32 0.79 0.00 | 26.46 0.80 0.00 | 30.39 0.80 0.00 | 33.80 0.63 0.00 | 33.00 0.65 0.00 | 33.27 0.53 0.32 | 31.49 0.43 0.00 | 30.75 0.51 0.00 | 30.04 0.50 0.00 | 29.51 0.44 0.00 | 29.47 0.46 0.00 | 31.35 0.58 0.00 | 37.16 -0.11 0.00 | 46.03 -0.18 -0.32 | 41.16 -0.12 0.00 | 38.66 -0.04 0.00 | 33.41 0.56 0.00 | 32.21 0.79 0.00 | 30.06 0.90 0.00 | 29.05 0.87 0.00 |
| MECO_____69_KV_BK1 80468 | 26.74 1.87 0.00 | 25.19 1.87 0.00 | 23.79 1.74 0.00 | 23.89 1.73 0.00 | 24.31 1.78 0.00 | 27.84 2.18 0.00 | 32.52 2.93 0.00 | 36.62 3.45 0.00 | 35.53 3.17 0.00 | 35.67 3.14 0.53 | 33.89 2.83 0.00 | 32.96 2.72 0.00 | 32.26 2.72 0.00 | 31.78 2.70 0.00 | 31.82 2.81 0.00 | 34.09 3.32 0.00 | 42.05 4.77 0.00 | 52.27 6.38 0.00 | 46.74 5.45 0.00 | 43.84 5.15 0.00 | 37.09 4.24 0.00 | 35.14 3.71 0.00 | 32.16 3.00 0.00 | 31.02 2.85 0.00 |
| MENANDS___115KV_TB5 355628 | 25.25 0.37 0.00 | 23.67 0.35 0.00 | 22.40 0.35 0.00 | 22.53 0.38 0.00 | 22.92 0.38 0.00 | 25.94 0.28 0.00 | 29.95 0.36 0.00 | 33.90 0.73 0.00 | 33.10 0.74 0.00 | 33.53 0.89 0.43 | 31.87 0.81 0.00 | 31.00 0.76 0.00 | 30.28 0.74 0.00 | 29.80 0.73 0.00 | 29.73 0.73 0.00 | 31.54 0.77 0.00 | 38.58 1.30 0.00 | 47.59 1.70 0.00 | 42.69 1.40 0.00 | 40.01 1.32 0.00 | 33.67 0.82 0.00 | 32.15 0.72 0.00 | 29.71 0.55 0.00 | 28.60 0.42 0.00 |
| MG INDUSTRY___DRP 24185 | 25.40 0.52 0.00 | 23.81 0.49 0.00 | 22.53 0.49 0.00 | 22.64 0.49 0.00 | 23.05 0.52 0.00 | 26.10 0.44 0.00 | 30.13 0.53 0.00 | 34.03 0.86 0.00 | 33.23 0.87 0.00 | 33.58 0.96 0.44 | 31.90 0.84 0.00 | 31.03 0.79 0.00 | 30.31 0.77 0.00 | 29.83 0.76 0.00 | 29.76 0.75 0.00 | 31.60 0.83 0.00 | 38.58 1.30 0.00 | 47.55 1.65 0.00 | 42.73 1.44 0.00 | 40.05 1.35 0.00 | 33.77 0.92 0.00 | 32.25 0.82 0.00 | 29.83 0.67 0.00 | 28.74 0.56 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 24.78 -0.10 0.00 | 23.21 -0.12 0.00 | 21.92 -0.13 0.00 | 22.07 -0.09 0.00 | 22.42 -0.11 0.00 | 25.30 -0.36 0.00 | 29.06 -0.53 0.00 | 32.44 -0.73 0.00 | 31.61 -0.74 0.00 | 31.51 -0.86 0.69 | 30.25 -0.81 0.00 | 29.51 -0.73 0.00 | 28.77 -0.77 0.00 | 28.29 -0.78 0.00 | 28.25 -0.75 0.00 | 30.12 -0.65 0.00 | 36.16 -1.12 0.00 | 44.84 -1.33 -0.28 | 40.17 -1.11 0.00 | 37.69 -1.01 0.00 | 32.32 -0.53 0.00 | 31.24 -0.19 0.00 | 29.07 -0.09 0.00 | 28.06 -0.11 0.00 |
| MID___RAQUETTE_HYD 23851 | 25.38 0.50 0.00 | 23.77 0.44 0.00 | 22.47 0.42 0.00 | 22.62 0.47 0.00 | 22.94 0.41 0.00 | 25.84 0.18 0.00 | 29.59 0.00 0.00 | 32.87 -0.30 0.00 | 32.07 -0.29 0.00 | 32.26 -0.43 0.38 | 30.66 -0.40 0.00 | 29.97 -0.27 0.00 | 29.24 -0.30 0.00 | 28.67 -0.41 0.00 | 28.63 -0.38 0.00 | 30.43 -0.34 0.00 | 36.01 -1.27 0.00 | 44.75 -1.56 -0.41 | 39.92 -1.36 0.00 | 37.46 -1.24 0.00 | 32.42 -0.43 0.00 | 31.49 0.06 0.00 | 29.45 0.29 0.00 | 28.49 0.31 0.00 |

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| MILLIKEN___1 23584 | 25.30 0.42 0.00 | 23.74 0.42 0.00 | 22.42 0.37 0.00 | 22.51 0.35 0.00 | 22.89 0.36 0.00 | 26.20 0.54 0.00 | 30.33 0.74 0.00 | 34.13 0.93 -0.03 | 33.21 0.84 -0.01 | 31.73 0.66 2.00 | 31.99 0.93 0.00 | 31.09 0.85 0.00 | 30.37 0.83 0.00 | 29.95 0.87 0.00 | 29.88 0.87 0.00 | 31.78 1.02 0.00 | 38.91 1.60 -0.03 | 47.94 2.02 -0.03 | 43.25 1.94 -0.03 | 40.54 1.82 -0.03 | 34.23 1.38 0.00 | 32.56 1.13 0.00 | 30.09 0.93 0.00 | 29.11 0.93 0.00 |
| MILLIKEN___2 23585 | 25.30 0.42 0.00 | 23.74 0.42 0.00 | 22.42 0.37 0.00 | 22.51 0.35 0.00 | 22.89 0.36 0.00 | 26.20 0.54 0.00 | 30.33 0.74 0.00 | 34.13 0.93 -0.03 | 33.21 0.84 -0.01 | 31.73 0.66 2.00 | 31.99 0.93 0.00 | 31.09 0.85 0.00 | 30.37 0.83 0.00 | 29.95 0.87 0.00 | 29.88 0.87 0.00 | 31.78 1.02 0.00 | 38.91 1.60 -0.03 | 47.94 2.02 -0.03 | 43.25 1.94 -0.03 | 40.54 1.82 -0.03 | 34.23 1.38 0.00 | 32.56 1.13 0.00 | 30.09 0.93 0.00 | 29.11 0.93 0.00 |
| MILLIKEN___DIESEL 23629 | 25.30 0.42 0.00 | 23.74 0.42 0.00 | 22.42 0.37 0.00 | 22.51 0.35 0.00 | 22.89 0.36 0.00 | 26.20 0.54 0.00 | 30.33 0.74 0.00 | 34.13 0.93 -0.03 | 33.21 0.84 -0.01 | 31.73 0.66 2.00 | 31.99 0.93 0.00 | 31.09 0.85 0.00 | 30.37 0.83 0.00 | 29.95 0.87 0.00 | 29.88 0.87 0.00 | 31.78 1.02 0.00 | 38.91 1.60 -0.03 | 47.94 2.02 -0.03 | 43.25 1.94 -0.03 | 40.54 1.82 -0.03 | 34.23 1.38 0.00 | 32.56 1.13 0.00 | 30.09 0.93 0.00 | 29.11 0.93 0.00 |
| MILLSEAT___LFGE 323607 | 24.28 -0.60 0.00 | 22.60 -0.72 0.00 | 21.36 -0.68 0.00 | 21.32 -0.84 0.00 | 21.54 -0.99 0.00 | 24.66 -1.00 0.00 | 28.44 -1.15 0.00 | 31.00 -2.16 0.02 | 30.27 -2.07 0.01 | 26.94 -2.35 3.78 | 29.13 -1.93 0.00 | 28.36 -1.87 0.00 | 27.71 -1.83 0.00 | 27.30 -1.77 0.00 | 27.27 -1.74 0.00 | 28.89 -1.88 0.00 | 34.91 -2.35 0.02 | 42.80 -3.07 0.02 | 39.08 -2.19 0.02 | 36.59 -2.09 0.02 | 31.07 -1.77 0.00 | 29.54 -1.88 0.00 | 27.61 -1.55 0.00 | 27.13 -1.04 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 25.55 0.67 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.73 0.58 0.00 | 23.14 0.61 0.00 | 26.30 0.64 0.00 | 30.66 1.07 0.00 | 34.83 1.66 0.00 | 34.01 1.65 0.00 | 34.23 1.72 0.55 | 32.61 1.55 0.00 | 31.78 1.54 0.00 | 31.08 1.54 0.00 | 30.58 1.51 0.00 | 30.55 1.54 0.00 | 32.40 1.63 0.00 | 39.89 2.61 0.00 | 49.25 3.35 0.00 | 44.22 2.93 0.00 | 41.44 2.75 0.00 | 34.56 1.71 0.00 | 33.00 1.57 0.00 | 30.59 1.43 0.00 | 29.36 1.18 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.78 0.62 0.00 | 23.17 0.63 0.00 | 26.33 0.67 0.00 | 30.72 1.12 0.00 | 34.90 1.72 0.00 | 34.07 1.71 0.00 | 34.29 1.79 0.55 | 32.71 1.65 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.67 1.60 0.00 | 30.60 1.60 0.00 | 32.52 1.75 0.00 | 40.00 2.72 0.00 | 49.38 3.49 0.00 | 44.34 3.06 0.00 | 41.56 2.86 0.00 | 34.65 1.81 0.00 | 33.09 1.67 0.00 | 30.64 1.49 0.00 | 29.39 1.21 0.00 |
| MODEL_CITY_ENERGY 24167 | 23.68 -1.19 0.00 | 22.04 -1.28 0.00 | 20.86 -1.19 0.00 | 20.78 -1.37 0.00 | 20.96 -1.58 0.00 | 23.97 -1.69 0.00 | 27.52 -2.07 0.00 | 29.84 -3.32 0.02 | 29.14 -3.20 0.01 | 25.79 -3.51 3.77 | 28.08 -2.98 0.00 | 27.34 -2.90 0.00 | 26.70 -2.84 0.00 | 26.28 -2.79 0.00 | 26.28 -2.73 0.00 | 27.76 -3.01 0.00 | 33.42 -3.84 0.02 | 40.88 -5.00 0.02 | 37.47 -3.80 0.02 | 35.08 -3.60 0.02 | 29.86 -2.99 0.00 | 28.41 -3.02 0.00 | 26.65 -2.51 0.00 | 26.29 -1.89 0.00 |
| MODERN_LFGE___ 323580 | 23.68 -1.19 0.00 | 22.04 -1.28 0.00 | 20.86 -1.19 0.00 | 20.78 -1.37 0.00 | 20.96 -1.58 0.00 | 23.97 -1.69 0.00 | 27.52 -2.07 0.00 | 29.84 -3.32 0.02 | 29.14 -3.20 0.01 | 25.79 -3.51 3.77 | 28.08 -2.98 0.00 | 27.34 -2.90 0.00 | 26.70 -2.84 0.00 | 26.28 -2.79 0.00 | 26.28 -2.73 0.00 | 27.76 -3.01 0.00 | 33.42 -3.84 0.02 | 40.88 -5.00 0.02 | 37.47 -3.80 0.02 | 35.08 -3.60 0.02 | 29.86 -2.99 0.00 | 28.41 -3.02 0.00 | 26.65 -2.51 0.00 | 26.29 -1.89 0.00 |
| MOHAWK_PAPER___DRP 24187 | 25.35 0.47 0.00 | 23.77 0.44 0.00 | 22.49 0.44 0.00 | 22.62 0.47 0.00 | 23.01 0.47 0.00 | 26.07 0.41 0.00 | 30.13 0.53 0.00 | 34.10 0.93 0.00 | 33.29 0.94 0.00 | 33.69 1.06 0.43 | 32.02 0.96 0.00 | 31.18 0.94 0.00 | 30.43 0.89 0.00 | 29.97 0.90 0.00 | 29.91 0.90 0.00 | 31.69 0.92 0.00 | 38.80 1.53 0.00 | 47.87 1.97 0.00 | 42.98 1.69 0.00 | 40.24 1.55 0.00 | 33.87 1.02 0.00 | 32.34 0.91 0.00 | 29.89 0.73 0.00 | 28.77 0.59 0.00 |
| MOHICAN__35_KV_115KV_LD 80490 | 25.95 1.07 0.00 | 24.33 1.00 0.00 | 23.00 0.95 0.00 | 23.15 1.00 0.00 | 23.57 1.04 0.00 | 26.89 1.23 0.00 | 31.25 1.66 0.00 | 35.39 2.22 0.00 | 34.59 2.23 0.00 | 35.03 2.38 0.41 | 33.20 2.14 0.00 | 32.30 2.06 0.00 | 31.52 1.98 0.00 | 31.05 1.98 0.00 | 31.04 2.03 0.00 | 32.31 1.54 0.00 | 39.55 2.27 0.00 | 49.02 3.12 0.00 | 43.85 2.56 0.00 | 41.06 2.36 0.00 | 34.59 1.74 0.00 | 32.91 1.48 0.00 | 30.29 1.14 0.00 | 29.78 1.61 0.00 |
| MONGAUP___HYD 23641 | 25.52 0.65 0.00 | 23.95 0.63 0.00 | 22.64 0.60 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.38 0.72 0.00 | 30.66 1.06 0.00 | 34.67 1.49 0.00 | 33.81 1.46 0.00 | 33.42 1.36 1.00 | 32.24 1.18 0.00 | 31.39 1.15 0.00 | 30.66 1.12 0.00 | 30.24 1.16 0.00 | 30.23 1.22 0.00 | 32.28 1.51 0.00 | 39.81 2.54 0.00 | 49.11 3.21 0.00 | 44.17 2.89 0.00 | 41.36 2.67 0.00 | 34.62 1.77 0.00 | 32.94 1.51 0.00 | 30.50 1.34 0.00 | 29.36 1.18 0.00 |
| MONTAUK___DIESEL 23721 | 27.39 2.51 0.00 | 25.52 2.19 0.00 | 24.25 2.20 0.00 | 24.28 2.13 0.00 | 24.83 2.30 0.00 | 28.30 2.64 0.00 | 32.93 3.17 -0.17 | 38.77 3.81 -1.78 | 38.70 3.75 -2.59 | 42.40 4.26 -5.07 | 39.55 3.39 -5.11 | 40.00 3.27 -6.49 | 40.46 3.34 -7.59 | 39.08 3.31 -6.70 | 40.73 3.25 -8.48 | 42.46 3.60 -8.09 | 52.13 5.29 -9.56 | 71.41 6.70 -18.82 | 61.04 6.03 -13.73 | 55.42 5.69 -11.03 | 45.14 4.17 -8.12 | 41.66 3.68 -6.56 | 34.19 3.32 -1.71 | 40.77 3.66 -8.93 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 24.80 -0.07 0.00 | 23.44 0.12 0.00 | 21.98 -0.07 0.00 | 21.91 -0.24 0.00 | 22.04 -0.50 0.00 | 24.97 -0.69 0.00 | 29.00 -0.59 0.00 | 31.37 -1.79 0.01 | 30.54 -1.81 0.01 | 27.86 -3.01 2.20 | 29.17 -1.89 0.00 | 28.52 -1.72 0.00 | 27.77 -1.77 0.00 | 27.30 -1.77 0.00 | 27.24 -1.77 0.00 | 28.83 -1.94 0.00 | 34.66 -2.61 0.01 | 42.40 -3.49 0.01 | 39.04 -2.23 0.01 | 37.18 -1.51 0.01 | 31.90 -0.95 0.00 | 30.49 -0.94 0.00 | 28.37 -0.79 0.00 | 28.01 -0.17 0.00 |
| MORTIMER_115KV_TB3 55949 | 24.01 -0.87 0.00 | 22.69 -0.63 0.00 | 21.45 -0.60 0.00 | 21.45 -0.71 0.00 | 21.75 -0.79 0.00 | 24.86 -0.80 0.00 | 28.74 -0.86 0.00 | 31.69 -1.46 0.02 | 30.86 -1.49 0.01 | 29.46 -1.36 2.25 | 29.82 -1.24 0.00 | 29.06 -1.18 0.00 | 28.42 -1.12 0.00 | 28.00 -1.08 0.00 | 27.91 -1.10 0.00 | 29.60 -1.17 0.00 | 36.02 -1.23 0.02 | 44.40 -1.47 0.02 | 40.02 -1.24 0.02 | 37.47 -1.20 0.02 | 31.73 -1.12 0.00 | 30.20 -1.23 0.00 | 28.11 -1.05 0.00 | 27.41 -0.76 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 25.60 0.72 0.00 | 23.98 0.65 0.00 | 22.69 0.64 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.35 0.69 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.74 1.68 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.16 1.73 0.00 | 30.73 1.57 0.00 | 29.47 1.30 0.00 |

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| MUNSVILLE_WIND_PWR 323609 | 26.89 2.01 0.00 | 25.09 1.77 0.00 | 23.66 1.61 0.00 | 23.80 1.64 0.00 | 24.23 1.69 0.00 | 27.89 2.23 0.00 | 32.44 2.84 0.00 | 36.64 3.45 -0.02 | 35.57 3.20 -0.01 | 33.01 2.74 2.80 | 33.92 2.86 0.00 | 32.96 2.72 0.00 | 32.11 2.57 0.00 | 31.66 2.59 0.00 | 31.65 2.64 0.00 | 33.91 3.14 0.00 | 41.58 4.28 -0.02 | 51.37 5.46 -0.02 | 46.55 5.24 -0.02 | 43.78 5.07 -0.02 | 36.82 3.97 0.00 | 34.92 3.49 0.00 | 32.16 3.00 0.00 | 30.97 2.79 0.00 |
| N SALMON___HYD 24042 | 25.92 1.04 0.00 | 24.26 0.93 0.00 | 22.89 0.84 0.00 | 23.09 0.93 0.00 | 23.46 0.92 0.00 | 26.66 1.00 0.00 | 30.54 0.95 0.00 | 34.07 0.90 0.00 | 33.13 0.78 0.00 | 33.26 0.56 0.36 | 31.18 0.12 0.00 | 30.21 -0.03 0.00 | 29.27 -0.27 0.00 | 28.55 -0.52 0.00 | 28.49 -0.52 0.00 | 30.00 -0.77 0.00 | 35.94 -1.34 0.00 | 46.17 -1.56 -1.83 | 40.13 -1.16 0.00 | 37.57 -1.12 0.00 | 32.39 -0.46 0.00 | 31.30 -0.13 0.00 | 29.13 -0.03 0.00 | 28.37 0.20 0.00 |
| N.AKRON___115KV_KNAPP 355671 | 23.78 -1.09 0.00 | 22.60 -0.72 0.00 | 21.39 -0.66 0.00 | 21.34 -0.82 0.00 | 21.54 -0.99 0.00 | 24.66 -1.00 0.00 | 28.47 -1.12 0.00 | 31.00 -2.16 0.02 | 30.24 -2.10 0.01 | 28.40 -2.41 2.25 | 29.04 -2.02 0.00 | 28.33 -1.91 0.00 | 27.68 -1.86 0.00 | 27.27 -1.80 0.00 | 27.18 -1.83 0.00 | 28.86 -1.91 0.00 | 34.87 -2.39 0.02 | 42.71 -3.17 0.02 | 38.87 -2.39 0.02 | 36.55 -2.13 0.02 | 31.14 -1.71 0.00 | 29.61 -1.82 0.00 | 27.61 -1.55 0.00 | 27.16 -1.01 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 26.07 1.19 0.00 | 24.33 1.00 0.00 | 23.04 0.99 0.00 | 23.13 0.97 0.00 | 23.59 1.06 0.00 | 26.89 1.23 0.00 | 31.63 1.89 -0.14 | 37.15 2.45 -1.52 | 36.99 2.43 -2.20 | 39.80 2.45 -4.29 | 37.64 2.24 -4.35 | 37.97 2.21 -5.52 | 38.20 2.22 -6.45 | 36.95 2.18 -5.69 | 38.39 2.18 -7.21 | 46.83 2.31 -13.75 | 50.89 3.54 -10.07 | 75.73 4.45 -25.38 | 65.12 3.92 -19.91 | 59.62 3.68 -17.24 | 55.72 2.56 -20.31 | 41.48 2.36 -7.69 | 32.80 2.19 -1.46 | 37.76 2.00 -7.58 |
| N.E._GEN_SANDY PD 24062 | 25.30 0.42 0.00 | 23.77 0.44 0.00 | 22.49 0.44 0.00 | 22.60 0.44 0.00 | 23.01 0.47 0.00 | 26.20 0.54 0.00 | 30.33 0.74 0.00 | 34.33 1.16 0.00 | 33.55 1.20 0.00 | 33.60 1.36 0.82 | 34.04 1.27 -1.71 | 31.48 1.24 0.00 | 30.72 1.18 0.00 | 30.24 1.16 0.00 | 30.11 1.10 0.00 | 32.03 1.26 0.00 | 39.29 2.01 0.00 | 48.33 2.43 0.00 | 43.39 2.10 0.00 | 39.81 2.01 0.90 | 34.96 1.22 -0.90 | 32.53 1.10 0.00 | 30.18 1.02 0.00 | 29.02 0.84 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 25.50 0.62 0.00 | 23.88 0.56 0.00 | 22.58 0.53 0.00 | 22.69 0.53 0.00 | 23.10 0.56 0.00 | 26.28 0.62 0.00 | 30.63 1.04 0.00 | 34.76 1.59 0.00 | 33.94 1.59 0.00 | 34.11 1.62 0.57 | 32.52 1.46 0.00 | 31.69 1.45 0.00 | 30.99 1.45 0.00 | 30.53 1.45 0.00 | 30.46 1.45 0.00 | 32.34 1.57 0.00 | 39.81 2.53 0.00 | 49.20 3.30 0.00 | 44.18 2.89 0.00 | 41.37 2.67 0.00 | 34.52 1.68 0.00 | 32.97 1.54 0.00 | 30.56 1.40 0.00 | 29.30 1.13 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 25.62 0.75 0.00 | 24.07 0.75 0.00 | 22.75 0.71 0.00 | 22.84 0.69 0.00 | 23.28 0.74 0.00 | 26.12 0.46 0.00 | 30.42 0.83 0.00 | 34.66 1.49 0.00 | 33.91 1.55 0.00 | 34.16 1.65 0.55 | 32.52 1.46 0.00 | 31.69 1.45 0.00 | 31.02 1.48 0.00 | 30.53 1.45 0.00 | 30.49 1.48 0.00 | 32.34 1.57 0.00 | 39.92 2.65 0.00 | 49.25 3.35 0.00 | 44.18 2.89 0.00 | 41.41 2.71 0.00 | 34.46 1.61 0.00 | 32.84 1.41 0.00 | 30.47 1.31 0.00 | 29.47 1.30 0.00 |
| N.TROY___115KV_TB1 355778 | 25.42 0.55 0.00 | 23.81 0.49 0.00 | 22.51 0.46 0.00 | 22.64 0.49 0.00 | 23.05 0.52 0.00 | 26.25 0.59 0.00 | 30.36 0.77 0.00 | 34.37 1.19 0.00 | 33.55 1.20 0.00 | 34.00 1.36 0.42 | 32.30 1.24 0.00 | 31.42 1.18 0.00 | 30.66 1.12 0.00 | 30.18 1.10 0.00 | 30.08 1.07 0.00 | 31.85 1.08 0.00 | 38.99 1.71 0.00 | 48.10 2.20 0.00 | 43.18 1.90 0.00 | 40.48 1.78 0.00 | 34.03 1.18 0.00 | 32.47 1.04 0.00 | 30.03 0.87 0.00 | 28.94 0.76 0.00 |
| NARROWS_GT1_1 24228 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT1_2 24229 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT1_3 24230 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT1_4 24231 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT1_5 24232 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT1_6 24233 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT1_7 24234 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_8 24235 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT2_1 24236 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT2_2 24237 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT2_3 24238 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT2_4 24239 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT2_5 24240 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT2_6 24241 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT2_7 24242 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NARROWS_GT2_8 24243 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 25.82 0.95 0.00 | 24.21 0.89 0.00 | 22.93 0.88 0.00 | 23.07 0.91 0.00 | 23.48 0.95 0.00 | 26.51 0.85 0.00 | 30.66 1.07 0.00 | 34.66 1.49 0.00 | 33.81 1.46 0.00 | 34.02 1.42 0.46 | 32.24 1.18 0.00 | 31.30 1.06 0.00 | 30.54 1.00 0.00 | 30.09 1.02 0.00 | 30.11 1.10 0.00 | 32.09 1.32 0.00 | 39.44 2.16 0.00 | 48.74 2.85 0.00 | 43.80 2.52 0.00 | 41.02 2.32 0.00 | 34.56 1.71 0.00 | 32.87 1.45 0.00 | 30.29 1.14 0.00 | 29.19 1.01 0.00 |
| NCHELSEA_115KV_TR2 355582 | 25.67 0.80 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.87 0.71 0.00 | 23.26 0.72 0.00 | 26.46 0.80 0.00 | 30.78 1.18 0.00 | 34.86 1.69 0.00 | 34.04 1.68 0.00 | 34.23 1.72 0.55 | 32.61 1.55 0.00 | 31.75 1.51 0.00 | 31.02 1.48 0.00 | 30.56 1.48 0.00 | 30.52 1.51 0.00 | 32.46 1.69 0.00 | 39.96 2.68 0.00 | 49.34 3.44 0.00 | 44.34 3.06 0.00 | 41.56 2.86 0.00 | 34.69 1.84 0.00 | 33.09 1.67 0.00 | 30.82 1.66 0.00 | 29.61 1.44 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 25.67 0.80 0.00 | 24.14 0.82 0.00 | 22.82 0.77 0.00 | 22.95 0.80 0.00 | 23.37 0.83 0.00 | 26.61 0.95 0.00 | 30.87 1.27 0.00 | 34.70 1.53 0.00 | 33.88 1.52 0.00 | 34.01 1.65 0.70 | 32.55 1.49 0.00 | 31.69 1.45 0.00 | 30.93 1.39 0.00 | 30.44 1.37 0.00 | 30.40 1.39 0.00 | 32.34 1.57 0.00 | 39.59 2.31 0.00 | 48.88 2.98 0.00 | 43.80 2.52 0.00 | 41.02 2.32 0.00 | 34.56 1.71 0.00 | 33.13 1.70 0.00 | 30.59 1.43 0.00 | 29.44 1.27 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 23.96 -0.92 0.00 | 22.34 -0.98 0.00 | 21.12 -0.93 0.00 | 21.14 -1.02 0.00 | 21.45 -1.08 0.00 | 24.56 -1.10 0.00 | 28.38 -1.21 0.00 | 31.48 -1.66 0.03 | 30.65 -1.68 0.02 | 27.69 -1.59 3.78 | 29.73 -1.33 0.00 | 28.91 -1.33 0.00 | 28.27 -1.27 0.00 | 27.88 -1.19 0.00 | 27.82 -1.19 0.00 | 29.48 -1.29 0.00 | 35.90 -1.34 0.03 | 44.26 -1.61 0.03 | 39.89 -1.36 0.03 | 37.31 -1.36 0.03 | 31.53 -1.31 0.00 | 30.02 -1.41 0.00 | 27.85 -1.31 0.00 | 27.08 -1.10 0.00 |
| NEG CENTRAL___DRP 24199 | 24.85 -0.02 0.00 | 23.35 0.02 0.00 | 22.03 -0.02 0.00 | 22.09 -0.07 0.00 | 22.49 -0.05 0.00 | 25.74 0.08 0.00 | 29.80 0.21 0.00 | 33.57 0.27 -0.13 | 32.82 0.39 -0.07 | 31.08 0.23 2.21 | 31.59 0.53 0.00 | 30.72 0.48 0.00 | 30.01 0.47 0.00 | 29.60 0.52 0.00 | 29.53 0.52 0.00 | 31.38 0.62 0.00 | 38.46 1.04 -0.14 | 47.27 1.24 -0.14 | 42.66 1.24 -0.14 | 39.95 1.12 -0.14 | 33.74 0.89 0.00 | 32.09 0.66 0.00 | 29.65 0.50 0.00 | 28.71 0.54 0.00 |
| NEG CENTRAL___INDECK 23768 | 25.75 0.87 0.00 | 24.00 0.68 0.00 | 22.62 0.57 0.00 | 22.60 0.44 0.00 | 22.94 0.41 0.00 | 26.33 0.67 0.00 | 30.57 0.98 0.00 | 34.09 0.90 -0.02 | 33.01 0.65 -0.01 | 29.75 0.17 3.48 | 31.62 0.56 0.00 | 30.72 0.48 0.00 | 30.01 0.47 0.00 | 29.60 0.52 0.00 | 29.70 0.70 0.00 | 31.60 0.83 0.00 | 38.75 1.45 -0.02 | 47.84 1.93 -0.02 | 43.33 2.02 -0.02 | 40.57 1.86 -0.02 | 34.29 1.44 0.00 | 32.59 1.16 0.00 | 30.15 0.99 0.00 | 29.27 1.10 0.00 |

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| NEG CENTRAL___SENECA 23627 | 25.03 0.15 0.00 | 23.53 0.21 0.00 | 22.20 0.15 0.00 | 22.25 0.09 0.00 | 22.62 0.09 0.00 | 25.92 0.26 0.00 | 30.07 0.47 0.00 | 33.98 0.60 -0.21 | 32.99 0.52 -0.12 | 31.15 0.26 2.17 | 31.65 0.59 0.00 | 30.78 0.54 0.00 | 30.07 0.53 0.00 | 29.65 0.58 0.00 | 29.59 0.58 0.00 | 31.45 0.68 0.00 | 38.61 1.12 -0.22 | 47.40 1.29 -0.22 | 42.78 1.28 -0.22 | 40.15 1.24 -0.22 | 33.90 1.05 0.00 | 32.25 0.82 0.00 | 29.77 0.61 0.00 | 28.85 0.68 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 24.80 -0.07 0.00 | 23.30 -0.02 0.00 | 22.00 -0.04 0.00 | 22.09 -0.07 0.00 | 22.47 -0.07 0.00 | 25.71 0.05 0.00 | 29.77 0.18 0.00 | 33.41 0.20 -0.04 | 32.86 0.49 -0.02 | 31.28 0.43 2.21 | 31.77 0.71 0.00 | 30.87 0.64 0.00 | 30.16 0.62 0.00 | 29.77 0.70 0.00 | 29.68 0.67 0.00 | 31.51 0.74 0.00 | 38.55 1.23 -0.04 | 47.50 1.56 -0.04 | 42.81 1.49 -0.04 | 40.09 1.35 -0.04 | 33.83 0.99 0.00 | 32.18 0.75 0.00 | 29.71 0.55 0.00 | 28.77 0.59 0.00 |
| NEG MILLWOOD___DRP 24198 | 25.80 0.92 0.00 | 24.16 0.84 0.00 | 22.84 0.79 0.00 | 22.95 0.80 0.00 | 23.32 0.79 0.00 | 26.51 0.85 0.00 | 30.87 1.27 0.00 | 35.06 1.89 0.00 | 34.27 1.91 0.00 | 34.47 1.95 0.55 | 32.89 1.83 0.00 | 32.02 1.78 0.00 | 31.31 1.77 0.00 | 30.79 1.72 0.00 | 30.78 1.77 0.00 | 32.74 1.97 0.00 | 40.22 2.94 0.00 | 49.75 3.86 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.95 2.10 0.00 | 33.35 1.92 0.00 | 30.91 1.75 0.00 | 29.67 1.49 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 26.15 1.27 0.00 | 24.49 1.17 0.00 | 23.13 1.08 0.00 | 23.31 1.15 0.00 | 23.71 1.17 0.00 | 26.99 1.33 0.00 | 30.66 1.07 0.00 | 34.17 1.00 0.00 | 33.20 0.84 0.00 | 33.41 0.50 0.15 | 31.09 0.03 0.00 | 30.03 -0.21 0.00 | 29.01 -0.53 0.00 | 28.20 -0.87 0.00 | 28.14 -0.87 0.00 | 29.75 -1.02 0.00 | 35.49 -1.79 0.00 | 40.84 -2.39 2.67 | 39.59 -1.69 0.00 | 37.07 -1.63 0.00 | 31.96 -0.89 0.00 | 30.83 -0.60 0.00 | 28.72 -0.44 0.00 | 28.26 0.08 0.00 |
| NEG NORTH_KES_CHATAGAY 23792 | 25.87 1.00 0.00 | 24.21 0.89 0.00 | 22.86 0.82 0.00 | 23.04 0.89 0.00 | 23.44 0.90 0.00 | 26.66 1.00 0.00 | 30.48 0.89 0.00 | 33.97 0.80 0.00 | 33.00 0.65 0.00 | 33.23 0.33 0.17 | 30.97 -0.09 0.00 | 29.91 -0.33 0.00 | 28.95 -0.59 0.00 | 28.17 -0.90 0.00 | 28.11 -0.90 0.00 | 29.75 -1.02 0.00 | 35.45 -1.83 2.85 | 40.71 -2.34 0.00 | 39.51 -1.78 0.00 | 36.99 -1.70 0.00 | 31.90 -0.95 0.00 | 30.77 -0.66 0.00 | 28.66 -0.50 0.00 | 27.98 -0.20 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 26.17 1.29 0.00 | 24.49 1.17 0.00 | 23.11 1.06 0.00 | 23.31 1.15 0.00 | 23.71 1.17 0.00 | 27.02 1.36 0.00 | 30.81 1.21 0.00 | 34.47 1.29 0.00 | 33.46 1.10 0.00 | 33.67 0.76 0.15 | 31.31 0.25 0.00 | 30.24 0.00 0.00 | 29.22 -0.32 0.00 | 28.40 -0.67 0.00 | 28.34 -0.67 0.00 | 30.00 -0.77 0.00 | 35.93 -1.34 0.00 | 41.45 -1.74 2.70 | 40.13 -1.16 0.00 | 37.54 -1.16 0.00 | 32.32 -0.53 0.00 | 31.18 -0.25 0.00 | 28.98 -0.17 0.00 | 28.40 0.23 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 26.17 1.29 0.00 | 24.49 1.17 0.00 | 23.11 1.06 0.00 | 23.31 1.15 0.00 | 23.71 1.17 0.00 | 27.02 1.36 0.00 | 30.81 1.21 0.00 | 34.47 1.29 0.00 | 33.46 1.10 0.00 | 33.67 0.76 0.15 | 31.31 0.25 0.00 | 30.24 0.00 0.00 | 29.22 -0.32 0.00 | 28.40 -0.67 0.00 | 28.34 -0.67 0.00 | 30.00 -0.77 0.00 | 35.93 -1.34 0.00 | 41.45 -1.74 2.70 | 40.13 -1.16 0.00 | 37.54 -1.16 0.00 | 32.32 -0.53 0.00 | 31.18 -0.25 0.00 | 28.98 -0.17 0.00 | 28.40 0.23 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 26.17 1.29 0.00 | 24.49 1.17 0.00 | 23.11 1.06 0.00 | 23.31 1.15 0.00 | 23.71 1.17 0.00 | 27.02 1.36 0.00 | 30.81 1.21 0.00 | 34.50 1.33 0.00 | 33.46 1.10 0.00 | 33.64 0.83 0.25 | 31.31 0.25 0.00 | 30.24 0.00 0.00 | 29.22 -0.32 0.00 | 28.41 -0.67 0.00 | 28.34 -0.67 0.00 | 29.88 -0.89 0.00 | 35.86 -1.42 0.00 | 41.45 -1.74 2.70 | 40.13 -1.16 0.00 | 37.54 -1.16 0.00 | 32.36 -0.49 0.00 | 31.18 -0.25 0.00 | 28.98 -0.17 0.00 | 28.40 0.22 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 23.41 -1.47 0.00 | 22.30 -1.03 0.00 | 21.08 -0.97 0.00 | 21.03 -1.13 0.00 | 21.20 -1.33 0.00 | 24.22 -1.44 0.00 | 27.88 -1.72 0.00 | 30.20 -2.95 0.02 | 29.50 -2.85 0.01 | 27.58 -3.24 2.25 | 28.30 -2.76 0.00 | 27.64 -2.60 0.00 | 27.00 -2.54 0.00 | 26.57 -2.50 0.00 | 26.51 -2.49 0.00 | 28.09 -2.68 0.00 | 33.83 -3.43 0.02 | 41.33 -4.54 0.02 | 37.72 -3.55 0.02 | 35.51 -3.17 0.02 | 30.32 -2.53 0.00 | 28.85 -2.58 0.00 | 27.00 -2.16 0.00 | 26.63 -1.55 0.00 |
| NEG WEST___LANCASTER 23811 | 24.60 -0.27 0.00 | 23.35 0.02 0.00 | 22.05 0.00 0.00 | 22.00 -0.16 0.00 | 22.22 -0.32 0.00 | 25.38 -0.28 0.00 | 29.33 -0.27 0.00 | 32.17 -1.00 0.01 | 31.28 -1.07 0.01 | 27.23 -3.64 2.19 | 30.00 -1.06 0.00 | 29.33 -0.91 0.00 | 28.62 -0.92 0.00 | 28.17 -0.90 0.00 | 28.11 -0.90 0.00 | 29.72 -1.05 0.00 | 35.07 -2.20 0.01 | 41.84 -4.04 0.01 | 39.25 -2.02 0.01 | 37.64 -1.04 0.01 | 32.26 -0.59 0.00 | 30.77 -0.66 0.00 | 28.66 -0.50 0.00 | 28.15 -0.03 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 25.13 0.25 0.00 | 23.51 0.19 0.00 | 22.20 0.16 0.00 | 22.27 0.11 0.00 | 22.65 0.11 0.00 | 25.86 0.20 0.00 | 29.92 0.33 0.00 | 33.59 0.40 -0.02 | 32.59 0.23 -0.01 | 30.10 -0.10 2.86 | 31.40 0.34 0.00 | 30.54 0.30 0.00 | 29.87 0.33 0.00 | 29.42 0.35 0.00 | 29.36 0.35 0.00 | 31.20 0.43 0.00 | 38.00 0.71 -0.02 | 46.69 0.78 -0.02 | 42.25 0.95 -0.02 | 39.60 0.89 -0.02 | 33.41 0.56 0.00 | 31.84 0.41 0.00 | 29.51 0.35 0.00 | 28.54 0.37 0.00 |
| NEG___GEN_MONROE 24207 | 24.03 -0.85 0.00 | 22.74 -0.58 0.00 | 21.50 -0.55 0.00 | 21.49 -0.66 0.00 | 21.81 -0.72 0.00 | 24.89 -0.77 0.00 | 28.74 -0.86 0.00 | 31.59 -1.56 0.02 | 30.79 -1.55 0.01 | 29.26 -1.55 2.25 | 29.57 -1.49 0.00 | 28.85 -1.39 0.00 | 28.18 -1.36 0.00 | 27.71 -1.37 0.00 | 27.70 -1.31 0.00 | 29.32 -1.45 0.00 | 35.58 -1.68 0.02 | 43.94 -1.93 0.02 | 39.78 -1.49 0.02 | 37.16 -1.51 0.02 | 31.47 -1.38 0.00 | 29.95 -1.48 0.00 | 27.93 -1.22 0.00 | 27.30 -0.87 0.00 |
| NEPA___ENERGY 23901 | 24.38 -0.50 0.00 | 23.11 -0.21 0.00 | 21.81 -0.24 0.00 | 21.76 -0.40 0.00 | 21.97 -0.56 0.00 | 25.10 -0.56 0.00 | 29.00 -0.59 0.00 | 31.74 -1.43 0.01 | 30.83 -1.52 0.01 | 28.26 -2.61 2.19 | 29.57 -1.49 0.00 | 28.88 -1.36 0.00 | 28.18 -1.36 0.00 | 27.76 -1.31 0.00 | 27.67 -1.33 0.00 | 29.26 -1.51 0.00 | 35.14 -2.12 0.01 | 42.86 -3.03 0.01 | 39.38 -1.90 0.01 | 37.25 -1.43 0.01 | 31.76 -1.08 0.00 | 30.33 -1.10 0.00 | 28.25 -0.90 0.00 | 27.75 -0.42 0.00 |
| NEVERSINK___HYD 23608 | 25.55 0.67 0.00 | 23.98 0.65 0.00 | 22.64 0.60 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.40 0.74 0.00 | 30.72 1.12 0.00 | 34.76 1.59 0.00 | 33.91 1.55 0.00 | 33.51 1.45 1.00 | 32.33 1.27 0.00 | 31.48 1.24 0.00 | 30.78 1.24 0.00 | 30.32 1.25 0.00 | 30.32 1.31 0.00 | 32.37 1.60 0.00 | 39.92 2.65 0.00 | 49.24 3.35 0.00 | 44.30 3.01 0.00 | 41.52 2.82 0.00 | 34.72 1.87 0.00 | 33.03 1.60 0.00 | 30.67 1.52 0.00 | 29.53 1.35 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 25.18 0.30 0.00 | 23.63 0.30 0.00 | 22.38 0.33 0.00 | 22.49 0.33 0.00 | 22.87 0.34 0.00 | 25.81 0.15 0.00 | 29.83 0.24 0.00 | 33.74 0.56 0.00 | 32.94 0.58 0.00 | 33.36 0.73 0.43 | 31.68 0.62 0.00 | 30.84 0.60 0.00 | 30.10 0.56 0.00 | 29.65 0.58 0.00 | 29.59 0.58 0.00 | 31.38 0.62 0.00 | 38.39 1.12 0.00 | 47.36 1.47 0.00 | 42.52 1.24 0.00 | 39.82 1.12 0.00 | 33.51 0.66 0.00 | 31.99 0.57 0.00 | 29.57 0.41 0.00 | 28.46 0.28 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| NEWTON___FALLS_HYD 23847 | 24.78 -0.10 0.00 | 23.21 -0.12 0.00 | 21.92 -0.13 0.00 | 22.07 -0.09 0.00 | 22.42 -0.11 0.00 | 25.30 -0.36 0.00 | 29.06 -0.53 0.00 | 32.44 -0.73 0.00 | 31.61 -0.74 0.00 | 31.51 -0.86 0.69 | 30.25 -0.81 0.00 | 29.51 -0.73 0.00 | 28.77 -0.77 0.00 | 28.29 -0.78 0.00 | 28.25 -0.75 0.00 | 30.12 -0.65 0.00 | 36.16 -1.12 0.00 | 44.84 -1.33 -0.28 | 40.17 -1.11 0.00 | 37.69 -1.01 0.00 | 32.32 -0.53 0.00 | 31.24 -0.19 0.00 | 29.07 -0.09 0.00 | 28.06 -0.11 0.00 |
| NGRID_A1_DSASP 323792 | 23.61 -1.27 0.00 | 21.99 -1.33 0.00 | 20.79 -1.26 0.00 | 20.74 -1.42 0.00 | 20.91 -1.62 0.00 | 23.89 -1.77 0.00 | 27.37 -2.22 0.00 | 29.67 -3.48 0.02 | 28.98 -3.37 0.01 | 25.78 -3.51 3.78 | 27.92 -3.14 0.00 | 27.22 -3.02 0.00 | 26.59 -2.95 0.00 | 26.17 -2.91 0.00 | 26.14 -2.87 0.00 | 27.63 -3.14 0.00 | 33.27 -3.99 0.02 | 40.69 -5.19 0.02 | 37.23 -4.04 0.02 | 34.85 -3.83 0.02 | 29.66 -3.19 0.00 | 28.22 -3.21 0.00 | 26.50 -2.65 0.00 | 26.15 -2.03 0.00 |
| NGRID_A2_DSASP 323793 | 23.61 -1.27 0.00 | 21.99 -1.33 0.00 | 20.79 -1.26 0.00 | 20.74 -1.42 0.00 | 20.91 -1.62 0.00 | 23.89 -1.77 0.00 | 27.37 -2.22 0.00 | 29.67 -3.48 0.02 | 28.98 -3.37 0.01 | 25.78 -3.51 3.78 | 27.92 -3.14 0.00 | 27.22 -3.02 0.00 | 26.59 -2.95 0.00 | 26.17 -2.91 0.00 | 26.14 -2.87 0.00 | 27.63 -3.14 0.00 | 33.27 -3.99 0.02 | 40.69 -5.19 0.02 | 37.23 -4.04 0.02 | 34.85 -3.83 0.02 | 29.66 -3.19 0.00 | 28.22 -3.21 0.00 | 26.50 -2.65 0.00 | 26.15 -2.03 0.00 |
| NGRID_A4_DSASP 323807 | 23.61 -1.27 0.00 | 21.99 -1.33 0.00 | 20.79 -1.26 0.00 | 20.74 -1.42 0.00 | 20.91 -1.62 0.00 | 23.89 -1.77 0.00 | 27.37 -2.22 0.00 | 29.67 -3.48 0.02 | 28.98 -3.37 0.01 | 25.78 -3.51 3.78 | 27.92 -3.14 0.00 | 27.22 -3.02 0.00 | 26.59 -2.95 0.00 | 26.17 -2.91 0.00 | 26.14 -2.87 0.00 | 27.63 -3.14 0.00 | 33.27 -3.99 0.02 | 40.69 -5.19 0.02 | 37.23 -4.04 0.02 | 34.85 -3.83 0.02 | 29.66 -3.19 0.00 | 28.22 -3.21 0.00 | 26.50 -2.65 0.00 | 26.15 -2.03 0.00 |
| NIAGARA_115E_LBMP 323715 | 23.53 -1.34 0.00 | 21.92 -1.40 0.00 | 20.73 -1.32 0.00 | 20.67 -1.48 0.00 | 20.84 -1.69 0.00 | 23.81 -1.85 0.00 | 27.32 -2.28 0.00 | 29.64 -3.52 0.02 | 28.95 -3.40 0.01 | 25.62 -3.67 3.77 | 27.86 -3.20 0.00 | 27.15 -3.08 0.00 | 26.53 -3.01 0.00 | 26.11 -2.97 0.00 | 26.08 -2.93 0.00 | 27.57 -3.20 0.00 | 33.20 -4.06 0.02 | 40.56 -5.32 0.02 | 37.18 -4.09 0.02 | 34.81 -3.87 0.02 | 29.63 -3.22 0.00 | 28.22 -3.21 0.00 | 26.45 -2.71 0.00 | 26.12 -2.06 0.00 |
| NIAGARA_115W_LBMP 323714 | 23.56 -1.32 0.00 | 21.95 -1.38 0.00 | 20.75 -1.30 0.00 | 20.69 -1.46 0.00 | 20.87 -1.67 0.00 | 23.84 -1.82 0.00 | 27.34 -2.25 0.00 | 29.64 -3.52 0.02 | 28.92 -3.43 0.01 | 25.71 -3.57 3.78 | 27.86 -3.20 0.00 | 27.15 -3.08 0.00 | 26.53 -3.01 0.00 | 26.11 -2.97 0.00 | 26.11 -2.90 0.00 | 27.57 -3.20 0.00 | 33.20 -4.06 0.02 | 40.60 -5.28 0.02 | 37.14 -4.13 0.02 | 34.77 -3.91 0.02 | 29.60 -3.25 0.00 | 28.16 -3.27 0.00 | 26.45 -2.71 0.00 | 26.09 -2.08 0.00 |
| NIAGARA_230_LBMP 323716 | 23.78 -1.09 0.00 | 22.16 -1.17 0.00 | 20.95 -1.10 0.00 | 20.89 -1.26 0.00 | 21.07 -1.46 0.00 | 24.07 -1.59 0.00 | 27.61 -1.98 0.00 | 30.00 -3.15 0.02 | 29.27 -3.07 0.01 | 26.00 -3.27 3.79 | 28.20 -2.86 0.00 | 27.49 -2.75 0.00 | 26.85 -2.69 0.00 | 26.43 -2.65 0.00 | 26.40 -2.61 0.00 | 27.91 -2.86 0.00 | 33.61 -3.65 0.02 | 41.06 -4.82 0.02 | 37.60 -3.67 0.02 | 35.24 -3.44 0.02 | 29.96 -2.89 0.00 | 28.51 -2.92 0.00 | 26.74 -2.42 0.00 | 26.37 -1.80 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 23.04 -1.84 0.00 | 21.95 -1.38 0.00 | 20.75 -1.30 0.00 | 20.69 -1.46 0.00 | 20.87 -1.67 0.00 | 23.84 -1.82 0.00 | 27.38 -2.22 0.00 | 29.64 -3.52 0.02 | 28.92 -3.43 0.01 | 27.21 -3.60 2.25 | 27.80 -3.26 0.00 | 27.16 -3.08 0.00 | 26.53 -3.01 0.00 | 26.11 -2.97 0.00 | 26.02 -2.99 0.00 | 27.57 -3.20 0.00 | 33.20 -4.06 0.02 | 40.60 -5.28 0.02 | 37.02 -4.25 0.02 | 34.77 -3.91 0.02 | 29.66 -3.19 0.00 | 28.25 -3.17 0.00 | 26.47 -2.68 0.00 | 26.15 -2.03 0.00 |
| NIAGARA____ 23760 | 23.78 -1.09 0.00 | 22.16 -1.17 0.00 | 20.95 -1.10 0.00 | 20.89 -1.26 0.00 | 21.07 -1.46 0.00 | 24.07 -1.59 0.00 | 27.61 -1.98 0.00 | 30.00 -3.15 0.02 | 29.27 -3.07 0.01 | 26.01 -3.27 3.78 | 28.20 -2.86 0.00 | 27.49 -2.75 0.00 | 26.85 -2.69 0.00 | 26.43 -2.65 0.00 | 26.40 -2.61 0.00 | 27.91 -2.86 0.00 | 33.61 -3.65 0.02 | 41.06 -4.82 0.02 | 37.60 -3.67 0.02 | 35.24 -3.44 0.02 | 29.96 -2.89 0.00 | 28.51 -2.92 0.00 | 26.74 -2.42 0.00 | 26.37 -1.80 0.00 |
| NINE_MILE_1 23575 | 24.13 -0.75 0.00 | 22.60 -0.72 0.00 | 21.36 -0.68 0.00 | 21.45 -0.71 0.00 | 21.81 -0.72 0.00 | 24.86 -0.80 0.00 | 28.65 -0.95 0.00 | 31.95 -1.23 0.00 | 30.97 -1.39 0.00 | 27.19 -1.39 4.48 | 29.91 -1.15 0.00 | 29.12 -1.12 0.00 | 28.48 -1.06 0.00 | 28.03 -1.05 0.00 | 27.99 -1.02 0.00 | 29.69 -1.08 0.00 | 36.08 -1.19 0.00 | 44.47 -1.42 0.00 | 40.01 -1.28 0.00 | 37.46 -1.24 0.00 | 31.70 -1.15 0.00 | 30.27 -1.16 0.00 | 28.08 -1.08 0.00 | 27.22 -0.96 0.00 |
| NINE_MILE_2 23744 | 24.13 -0.75 0.00 | 22.60 -0.72 0.00 | 21.36 -0.68 0.00 | 21.45 -0.71 0.00 | 21.81 -0.72 0.00 | 24.89 -0.77 0.00 | 28.65 -0.95 0.00 | 31.95 -1.23 0.00 | 30.97 -1.39 0.00 | 27.19 -1.39 4.49 | 29.91 -1.15 0.00 | 29.12 -1.12 0.00 | 28.48 -1.06 0.00 | 28.03 -1.05 0.00 | 27.99 -1.02 0.00 | 29.69 -1.08 0.00 | 36.08 -1.19 0.00 | 44.47 -1.42 0.00 | 40.01 -1.28 0.00 | 37.46 -1.24 0.00 | 31.70 -1.15 0.00 | 30.27 -1.16 0.00 | 28.08 -1.08 0.00 | 27.22 -0.96 0.00 |
| NM_CAPITAL___DRP 24208 | 25.20 0.32 0.00 | 23.63 0.30 0.00 | 22.38 0.33 0.00 | 22.51 0.35 0.00 | 22.89 0.36 0.00 | 25.87 0.21 0.00 | 29.89 0.30 0.00 | 33.84 0.66 0.00 | 33.04 0.68 0.00 | 33.43 0.79 0.43 | 31.77 0.71 0.00 | 30.94 0.70 0.00 | 30.19 0.65 0.00 | 29.74 0.67 0.00 | 29.65 0.64 0.00 | 31.45 0.68 0.00 | 38.47 1.19 0.00 | 47.46 1.56 0.00 | 42.61 1.32 0.00 | 39.93 1.24 0.00 | 33.57 0.72 0.00 | 32.06 0.63 0.00 | 29.65 0.50 0.00 | 28.51 0.34 0.00 |
| NM_CENTRAL___DRP 24181 | 24.50 -0.37 0.00 | 23.02 -0.30 0.00 | 21.74 -0.31 0.00 | 21.82 -0.33 0.00 | 22.20 -0.34 0.00 | 25.35 -0.31 0.00 | 29.21 -0.38 0.00 | 32.65 -0.53 -0.01 | 31.62 -0.74 0.00 | 30.20 -0.73 2.13 | 30.66 -0.40 0.00 | 29.85 -0.39 0.00 | 29.19 -0.35 0.00 | 28.78 -0.29 0.00 | 28.72 -0.29 0.00 | 30.43 -0.34 0.00 | 37.13 -0.15 -0.01 | 45.72 -0.18 -0.01 | 41.17 -0.12 -0.01 | 38.55 -0.15 -0.01 | 32.55 -0.30 0.00 | 31.02 -0.41 0.00 | 28.78 -0.38 0.00 | 27.92 -0.25 0.00 |
| NM_FRONTIER___DRP 24179 | 23.04 -1.84 0.00 | 21.95 -1.38 0.00 | 20.75 -1.30 0.00 | 20.69 -1.46 0.00 | 20.87 -1.67 0.00 | 23.84 -1.82 0.00 | 27.38 -2.22 0.00 | 29.64 -3.52 0.02 | 28.92 -3.43 0.01 | 27.21 -3.60 2.25 | 27.80 -3.26 0.00 | 27.16 -3.08 0.00 | 26.53 -3.01 0.00 | 26.11 -2.97 0.00 | 26.02 -2.99 0.00 | 27.57 -3.20 0.00 | 33.20 -4.06 0.02 | 40.60 -5.28 0.02 | 37.02 -4.25 0.02 | 34.77 -3.91 0.02 | 29.66 -3.19 0.00 | 28.25 -3.17 0.00 | 26.47 -2.68 0.00 | 26.15 -2.03 0.00 |
| NM_ST_REGIS___HYD 24053 | 25.50 0.62 0.00 | 23.88 0.56 0.00 | 22.58 0.53 0.00 | 22.73 0.58 0.00 | 23.08 0.54 0.00 | 26.05 0.38 0.00 | 29.86 0.27 0.00 | 33.21 0.03 0.00 | 32.36 0.00 0.00 | 32.52 -0.20 0.34 | 30.78 -0.28 0.00 | 30.00 -0.24 0.00 | 29.22 -0.32 0.00 | 28.61 -0.47 0.00 | 28.54 -0.46 0.00 | 30.34 -0.43 0.00 | 35.97 -1.30 0.00 | 44.95 -1.65 -0.70 | 39.92 -1.36 0.00 | 37.42 -1.28 0.00 | 32.39 -0.46 0.00 | 31.40 -0.03 0.00 | 29.33 0.17 0.00 | 28.43 0.25 0.00 |

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| NORTHPORT___1 23551 | 26.00 1.12 0.00 | 24.42 1.10 0.00 | 23.17 1.12 0.00 | 23.24 1.09 0.00 | 23.73 1.19 0.00 | 26.97 1.31 0.00 | 31.87 2.10 -0.17 | 37.65 2.69 -1.79 | 37.55 2.59 -2.60 | 40.46 2.68 -4.72 | 38.56 2.36 -5.14 | 39.19 2.42 -6.53 | 39.62 2.45 -7.63 | 38.22 2.41 -6.73 | 39.82 2.29 -8.52 | 41.26 2.58 -7.91 | 50.70 3.88 -9.55 | 68.93 4.45 -18.58 | 58.68 3.88 -13.51 | 53.23 3.72 -10.82 | 43.29 2.72 -7.72 | 40.50 2.54 -6.52 | 33.15 2.28 -1.72 | 39.32 2.17 -8.98 |
| NORTHPORT___2 23552 | 26.00 1.12 0.00 | 24.42 1.10 0.00 | 23.17 1.12 0.00 | 23.24 1.09 0.00 | 23.73 1.19 0.00 | 26.97 1.31 0.00 | 31.87 2.10 -0.17 | 37.65 2.69 -1.79 | 37.55 2.59 -2.60 | 40.46 2.68 -4.72 | 38.56 2.36 -5.14 | 39.19 2.42 -6.53 | 39.62 2.45 -7.63 | 38.22 2.41 -6.73 | 39.82 2.29 -8.52 | 41.26 2.58 -7.91 | 50.70 3.88 -9.55 | 68.93 4.45 -18.58 | 58.68 3.88 -13.51 | 53.23 3.72 -10.82 | 43.29 2.72 -7.72 | 40.50 2.54 -6.52 | 33.15 2.28 -1.72 | 39.32 2.17 -8.98 |
| NORTHPORT___3 23553 | 25.77 0.89 0.00 | 24.16 0.84 0.00 | 22.93 0.88 0.00 | 23.00 0.84 0.00 | 23.48 0.95 0.00 | 26.74 1.08 0.00 | 31.51 1.75 -0.17 | 37.28 2.32 -1.79 | 37.28 2.33 -2.59 | 39.78 2.02 -4.70 | 38.29 2.11 -5.12 | 38.89 2.15 -6.51 | 39.29 2.16 -7.60 | 37.90 2.12 -6.71 | 39.56 2.06 -8.49 | 40.89 2.24 -7.88 | 49.80 3.02 -9.51 | 68.25 3.62 -18.73 | 58.07 3.18 -13.60 | 52.55 2.98 -10.88 | 42.73 2.20 -7.68 | 40.19 2.26 -6.50 | 32.88 2.01 -1.71 | 39.01 1.89 -8.95 |
| NORTHPORT___4 23650 | 25.77 0.89 0.00 | 24.16 0.84 0.00 | 22.93 0.88 0.00 | 23.00 0.84 0.00 | 23.48 0.95 0.00 | 26.74 1.08 0.00 | 31.51 1.75 -0.17 | 37.28 2.32 -1.79 | 37.28 2.33 -2.59 | 39.78 2.02 -4.70 | 38.29 2.11 -5.12 | 38.89 2.15 -6.51 | 39.29 2.16 -7.60 | 37.90 2.12 -6.71 | 39.56 2.06 -8.49 | 40.89 2.24 -7.88 | 49.80 3.02 -9.51 | 68.25 3.62 -18.73 | 58.07 3.18 -13.60 | 52.55 2.98 -10.88 | 42.73 2.20 -7.68 | 40.19 2.26 -6.50 | 32.88 2.01 -1.71 | 39.01 1.89 -8.95 |
| NORTHPORT___IC 23718 | 26.00 1.12 0.00 | 24.42 1.10 0.00 | 23.17 1.12 0.00 | 23.24 1.09 0.00 | 23.73 1.19 0.00 | 26.97 1.31 0.00 | 31.87 2.10 -0.17 | 37.65 2.69 -1.79 | 37.55 2.59 -2.60 | 40.46 2.68 -4.72 | 38.56 2.36 -5.14 | 39.19 2.42 -6.53 | 39.62 2.45 -7.63 | 38.22 2.41 -6.73 | 39.82 2.29 -8.52 | 41.26 2.58 -7.91 | 50.70 3.88 -9.55 | 68.93 4.45 -18.58 | 58.68 3.88 -13.51 | 53.23 3.72 -10.82 | 43.29 2.72 -7.72 | 40.50 2.54 -6.52 | 33.15 2.28 -1.72 | 39.32 2.17 -8.98 |
| NORTH___COUNTRY_ESR 323785 | 25.77 0.89 0.00 | 24.12 0.79 0.00 | 22.77 0.73 0.00 | 22.98 0.82 0.00 | 23.34 0.81 0.00 | 26.56 0.90 0.00 | 30.36 0.77 0.00 | 33.87 0.70 0.00 | 32.91 0.55 0.00 | 33.08 0.30 0.27 | 30.87 -0.19 0.00 | 29.85 -0.39 0.00 | 28.86 -0.68 0.00 | 28.11 -0.96 0.00 | 28.02 -0.99 0.00 | 29.51 -1.26 0.00 | 35.23 -2.05 0.00 | 40.52 -2.52 2.85 | 39.30 -1.98 0.00 | 36.80 -1.90 0.00 | 31.77 -1.08 0.00 | 30.64 -0.78 0.00 | 28.54 -0.61 0.00 | 27.87 -0.31 0.00 |
| NPX_GEN_1385_PROXY 323591 | 25.55 0.67 0.00 | 24.16 0.84 0.00 | 23.02 0.97 0.00 | 23.09 0.93 0.00 | 23.57 1.04 0.00 | 26.51 0.85 0.00 | 32.02 2.25 -0.17 | 37.89 2.92 -1.79 | 37.35 2.39 -2.60 | 40.06 2.28 -4.72 | 38.31 2.11 -5.14 | 39.13 2.36 -6.53 | 39.59 2.42 -7.63 | 38.16 2.35 -6.73 | 39.48 1.94 -8.52 | 41.02 2.34 -7.91 | 50.70 3.88 -9.55 | 68.01 3.53 -18.58 | 57.52 2.72 -13.51 | 51.44 2.82 -9.92 | 43.89 2.43 -8.61 | 40.34 2.39 -6.52 | 33.00 2.13 -1.72 | 38.76 1.61 -8.98 |
| NPX_GEN_CSC 323557 | 26.47 1.59 0.00 | 24.82 1.49 0.00 | 23.59 1.54 0.00 | 23.64 1.48 0.00 | 24.16 1.62 0.00 | 27.48 1.82 0.00 | 31.90 2.13 -0.17 | 37.51 2.55 -1.78 | 37.53 2.59 -2.59 | 41.03 3.27 -4.69 | 38.53 2.36 -5.11 | 39.10 2.36 -6.50 | 39.73 2.60 -7.59 | 38.24 2.47 -6.70 | 39.78 2.29 -8.48 | 41.44 2.58 -8.09 | 50.71 3.88 -9.56 | 69.34 4.63 -18.81 | 59.10 4.09 -13.72 | 52.73 3.91 -10.13 | 44.61 2.76 -9.01 | 40.50 2.52 -6.56 | 33.02 2.16 -1.71 | 39.90 2.79 -8.93 |
| NSINS_S_GLNS_FALLS 23858 | 25.95 1.07 0.00 | 24.33 1.00 0.00 | 23.00 0.95 0.00 | 23.15 1.00 0.00 | 23.57 1.04 0.00 | 26.87 1.21 0.00 | 31.25 1.66 0.00 | 35.39 2.22 0.00 | 34.59 2.23 0.00 | 34.99 2.35 0.41 | 33.20 2.14 0.00 | 32.30 2.06 0.00 | 31.52 1.98 0.00 | 31.05 1.98 0.00 | 31.01 2.00 0.00 | 32.25 1.48 0.00 | 39.48 2.20 0.00 | 48.92 3.03 0.00 | 43.76 2.48 0.00 | 40.98 2.28 0.00 | 34.52 1.68 0.00 | 32.84 1.41 0.00 | 30.24 1.08 0.00 | 29.75 1.58 0.00 |
| NUCOR_STEEL___DRP 24197 | 24.80 -0.07 0.00 | 23.30 -0.02 0.00 | 22.00 -0.04 0.00 | 22.09 -0.07 0.00 | 22.47 -0.07 0.00 | 25.69 0.03 0.00 | 29.68 0.09 0.00 | 33.26 0.07 -0.02 | 32.76 0.39 -0.01 | 31.20 0.36 2.23 | 31.68 0.62 0.00 | 30.81 0.57 0.00 | 30.13 0.59 0.00 | 29.71 0.64 0.00 | 29.65 0.64 0.00 | 31.48 0.71 0.00 | 38.49 1.19 -0.02 | 47.43 1.51 -0.02 | 42.71 1.40 -0.02 | 40.00 1.28 -0.02 | 33.74 0.89 0.00 | 32.12 0.69 0.00 | 29.68 0.52 0.00 | 28.74 0.56 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 24.90 0.02 0.00 | 23.32 0.00 0.00 | 22.03 -0.02 0.00 | 22.18 0.02 0.00 | 22.56 0.02 0.00 | 25.45 -0.21 0.00 | 29.27 -0.32 0.00 | 32.84 -0.33 0.00 | 32.00 -0.36 0.00 | 31.13 -0.43 1.50 | 30.66 -0.40 0.00 | 29.82 -0.42 0.00 | 29.10 -0.44 0.00 | 28.67 -0.41 0.00 | 28.63 -0.38 0.00 | 30.52 -0.25 0.00 | 37.20 -0.07 0.00 | 46.02 0.00 -0.12 | 41.37 0.08 0.00 | 38.85 0.16 0.00 | 33.05 0.20 0.00 | 31.93 0.50 0.00 | 29.54 0.38 0.00 | 28.49 0.31 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 24.88 0.00 0.00 | 23.32 0.00 0.00 | 22.05 0.00 0.00 | 22.16 0.00 0.00 | 22.53 0.00 0.00 | 25.66 0.00 0.00 | 29.59 0.00 0.00 | 33.17 0.00 0.00 | 32.36 0.00 0.00 | 33.06 0.00 0.00 | 31.06 0.00 0.00 | 30.24 0.00 0.00 | 29.54 0.00 0.00 | 29.07 0.00 0.00 | 29.01 0.00 0.00 | 30.77 0.00 0.00 | 37.28 0.00 0.00 | 45.89 0.00 0.00 | 41.29 0.00 0.00 | 38.70 0.00 0.00 | 32.85 0.00 0.00 | 31.43 0.00 0.00 | 29.16 0.00 0.00 | 28.18 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 26.29 1.42 0.00 | 24.65 1.33 0.00 | 23.39 1.35 0.00 | 23.46 1.31 0.00 | 23.98 1.44 0.00 | 27.28 1.62 0.00 | 32.19 2.43 -0.17 | 37.99 3.05 -1.77 | 37.90 2.97 -2.57 | 40.83 3.11 -4.66 | 38.87 2.73 -5.08 | 39.42 2.72 -6.45 | 39.85 2.78 -7.54 | 38.43 2.70 -6.65 | 40.07 2.64 -8.42 | 42.07 2.98 -8.31 | 51.21 4.36 -9.58 | 70.22 5.23 -19.09 | 59.89 4.62 -13.98 | 54.35 4.37 -11.28 | 44.66 3.22 -8.59 | 40.98 2.95 -6.60 | 33.45 2.59 -1.70 | 39.61 2.56 -8.87 |
| NYPA_GOWANUS___GT5 24156 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NYPA_GOWANUS___GT6 24157 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.81 1.21 0.00 | 35.03 1.86 0.00 | 34.26 1.91 0.00 | 34.08 1.95 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.41 3.13 0.00 | 49.79 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.79 1.94 0.00 | 33.16 1.73 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |

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| NYPA_HARLEM__RVR__GT1 24160 | 25.50 0.62 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.26 0.72 0.00 | 26.12 0.46 0.00 | 30.45 0.86 0.01 | 34.66 1.49 0.01 | 33.97 1.62 0.01 | 33.77 1.65 0.94 | 32.48 1.43 0.01 | 31.71 1.48 0.01 | 31.01 1.48 0.01 | 30.55 1.48 0.01 | 30.48 1.48 0.01 | 32.48 1.72 0.01 | 39.95 2.69 0.01 | 49.19 3.31 0.01 | 44.12 2.85 0.01 | 41.36 2.67 0.01 | 34.45 1.61 0.01 | 32.77 1.35 0.01 | 30.47 1.31 0.00 | 29.53 1.35 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 25.50 0.62 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.26 0.72 0.00 | 26.12 0.46 0.00 | 30.45 0.86 0.01 | 34.66 1.49 0.01 | 33.97 1.62 0.01 | 33.77 1.65 0.94 | 32.48 1.43 0.01 | 31.71 1.48 0.01 | 31.01 1.48 0.01 | 30.55 1.48 0.01 | 30.48 1.48 0.01 | 32.48 1.72 0.01 | 39.95 2.69 0.01 | 49.19 3.31 0.01 | 44.12 2.85 0.01 | 41.36 2.67 0.01 | 34.45 1.61 0.01 | 32.77 1.35 0.01 | 30.47 1.31 0.00 | 29.53 1.35 0.00 |
| NYPA_KENT____GT 24152 | 25.60 0.72 0.00 | 24.07 0.75 0.00 | 22.77 0.73 0.00 | 22.87 0.71 0.00 | 23.28 0.74 0.00 | 26.33 0.67 0.00 | 30.78 1.19 0.00 | 35.00 1.82 0.00 | 34.23 1.88 0.00 | 34.08 1.95 0.93 | 32.74 1.68 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.33 3.06 0.00 | 49.70 3.81 0.00 | 44.59 3.30 0.00 | 41.79 3.10 0.00 | 34.75 1.90 0.00 | 33.13 1.70 0.00 | 30.79 1.63 0.00 | 29.64 1.46 0.00 |
| NYPA_POUCH1____GT 24155 | 25.65 0.77 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.33 0.67 0.00 | 30.78 1.19 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.01 1.88 0.93 | 32.61 1.55 0.00 | 31.84 1.60 0.00 | 31.13 1.59 0.00 | 30.67 1.60 0.00 | 30.63 1.62 0.00 | 32.68 1.91 0.00 | 40.33 3.06 0.00 | 49.75 3.86 0.00 | 44.63 3.34 0.00 | 41.83 3.13 0.00 | 34.72 1.87 0.00 | 33.13 1.70 0.00 | 30.82 1.66 0.00 | 29.70 1.52 0.00 |
| NYPA_VERNON____GT2 24162 | 25.55 0.67 0.00 | 24.02 0.70 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.26 0.72 0.00 | 26.30 0.64 0.00 | 30.75 1.15 0.00 | 35.00 1.82 0.00 | 34.23 1.88 0.00 | 34.08 1.95 0.93 | 32.74 1.68 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.29 3.02 0.00 | 49.61 3.72 0.00 | 44.51 3.22 0.00 | 41.72 3.02 0.00 | 34.72 1.87 0.00 | 33.06 1.63 0.00 | 30.73 1.57 0.00 | 29.58 1.41 0.00 |
| NYPA_VERNON____GT3 24163 | 25.55 0.67 0.00 | 24.02 0.70 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.26 0.72 0.00 | 26.30 0.64 0.00 | 30.75 1.15 0.00 | 35.00 1.82 0.00 | 34.23 1.88 0.00 | 34.08 1.95 0.93 | 32.74 1.68 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.74 1.97 0.00 | 40.29 3.02 0.00 | 49.61 3.72 0.00 | 44.51 3.22 0.00 | 41.72 3.02 0.00 | 34.72 1.87 0.00 | 33.06 1.63 0.00 | 30.73 1.57 0.00 | 29.58 1.41 0.00 |
| NYPA__ASTORIA_CC1 323568 | 25.52 0.65 0.00 | 24.00 0.68 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.61 0.00 | 30.69 1.10 0.00 | 34.93 1.76 0.00 | 34.17 1.81 0.00 | 34.01 1.88 0.93 | 32.67 1.61 0.00 | 31.90 1.66 0.00 | 31.19 1.65 0.00 | 30.70 1.63 0.00 | 30.63 1.62 0.00 | 32.68 1.91 0.00 | 40.22 2.94 0.00 | 49.48 3.58 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.65 1.81 0.00 | 33.00 1.57 0.00 | 30.67 1.52 0.00 | 29.56 1.38 0.00 |
| NYPA__ASTORIA_CC2 323569 | 25.52 0.65 0.00 | 24.00 0.68 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.61 0.00 | 30.69 1.10 0.00 | 34.93 1.76 0.00 | 34.17 1.81 0.00 | 34.01 1.88 0.93 | 32.67 1.61 0.00 | 31.90 1.66 0.00 | 31.19 1.65 0.00 | 30.70 1.63 0.00 | 30.63 1.62 0.00 | 32.68 1.91 0.00 | 40.22 2.94 0.00 | 49.48 3.58 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.65 1.81 0.00 | 33.00 1.57 0.00 | 30.67 1.52 0.00 | 29.56 1.38 0.00 |
| NYPA__HOLTSVILL 23794 | 26.24 1.37 0.00 | 24.60 1.28 0.00 | 23.37 1.32 0.00 | 23.44 1.28 0.00 | 23.93 1.40 0.00 | 27.25 1.59 0.00 | 31.99 2.22 -0.17 | 37.74 2.79 -1.78 | 37.69 2.75 -2.59 | 40.77 3.01 -4.70 | 38.69 2.51 -5.11 | 39.25 2.51 -6.50 | 39.73 2.60 -7.59 | 38.30 2.53 -6.70 | 39.90 2.41 -8.48 | 41.58 2.74 -8.07 | 50.90 4.06 -9.56 | 69.50 4.82 -18.79 | 59.24 4.25 -13.71 | 53.77 4.06 -11.01 | 43.85 2.92 -8.07 | 40.65 2.67 -6.55 | 33.23 2.36 -1.71 | 39.62 2.51 -8.94 |
| NYPA__HELLGATE_GT1 24158 | 25.50 0.62 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.01 | 34.62 1.46 0.01 | 33.93 1.59 0.01 | 33.74 1.62 0.94 | 32.48 1.43 0.01 | 31.68 1.45 0.01 | 30.98 1.45 0.01 | 30.52 1.45 0.01 | 30.45 1.45 0.01 | 32.48 1.72 0.01 | 39.95 2.69 0.01 | 49.15 3.26 0.01 | 44.09 2.81 0.01 | 41.32 2.63 0.01 | 34.45 1.61 0.01 | 32.74 1.32 0.01 | 30.41 1.25 0.00 | 29.50 1.32 0.00 |
| NYPA__HELLGATE_GT2 24159 | 25.50 0.62 0.00 | 24.05 0.72 0.00 | 22.73 0.68 0.00 | 22.80 0.64 0.00 | 23.23 0.70 0.00 | 26.10 0.44 0.00 | 30.39 0.80 0.01 | 34.62 1.46 0.01 | 33.93 1.59 0.01 | 33.74 1.62 0.94 | 32.48 1.43 0.01 | 31.68 1.45 0.01 | 30.98 1.45 0.01 | 30.52 1.45 0.01 | 30.45 1.45 0.01 | 32.48 1.72 0.01 | 39.95 2.69 0.01 | 49.15 3.26 0.01 | 44.09 2.81 0.01 | 41.32 2.63 0.01 | 34.45 1.61 0.01 | 32.74 1.32 0.01 | 30.41 1.25 0.00 | 29.50 1.32 0.00 |
| NYS_BARGE__HYD 23848 | 23.93 -0.95 0.00 | 22.30 -1.03 0.00 | 21.08 -0.97 0.00 | 21.00 -1.15 0.00 | 21.20 -1.33 0.00 | 24.22 -1.44 0.00 | 27.85 -1.75 0.00 | 30.24 -2.92 0.02 | 29.53 -2.82 0.01 | 26.11 -3.17 3.77 | 28.42 -2.64 0.00 | 27.67 -2.57 0.00 | 27.03 -2.51 0.00 | 26.60 -2.47 0.00 | 26.60 -2.41 0.00 | 28.12 -2.65 0.00 | 33.87 -3.39 0.02 | 41.38 -4.50 0.02 | 37.96 -3.30 0.02 | 35.55 -3.13 0.02 | 30.25 -2.60 0.00 | 28.79 -2.64 0.00 | 26.97 -2.19 0.00 | 26.60 -1.58 0.00 |
| OAK_ORCHARD__HYD 24046 | 24.33 -0.55 0.00 | 22.69 -0.63 0.00 | 21.45 -0.59 0.00 | 21.45 -0.71 0.00 | 21.75 -0.79 0.00 | 24.86 -0.80 0.00 | 28.71 -0.89 0.00 | 31.69 -1.46 0.02 | 30.86 -1.49 0.01 | 27.94 -1.32 3.80 | 29.88 -1.18 0.00 | 29.06 -1.18 0.00 | 28.42 -1.12 0.00 | 28.00 -1.08 0.00 | 27.97 -1.04 0.00 | 29.63 -1.14 0.00 | 36.02 -1.23 0.02 | 44.40 -1.47 0.02 | 40.06 -1.20 0.02 | 37.47 -1.20 0.02 | 31.70 -1.15 0.00 | 30.17 -1.26 0.00 | 28.08 -1.08 0.00 | 27.39 -0.79 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 25.00 0.12 0.00 | 23.46 0.14 0.00 | 22.18 0.13 0.00 | 22.25 0.09 0.00 | 22.60 0.07 0.00 | 25.81 0.15 0.00 | 29.83 0.24 0.00 | 33.45 0.27 -0.02 | 32.46 0.10 -0.01 | 31.12 -0.23 1.71 | 31.25 0.19 0.00 | 30.42 0.18 0.00 | 29.72 0.18 0.00 | 29.31 0.23 0.00 | 29.24 0.23 0.00 | 31.02 0.25 0.00 | 37.81 0.52 -0.02 | 46.46 0.55 -0.02 | 42.00 0.70 -0.02 | 39.45 0.74 -0.02 | 33.28 0.43 0.00 | 31.77 0.35 0.00 | 29.42 0.26 0.00 | 28.49 0.31 0.00 |
| OCC_CHEM__DRP 24175 | 23.09 -1.79 0.00 | 21.99 -1.33 0.00 | 20.79 -1.26 0.00 | 20.74 -1.42 0.00 | 20.91 -1.62 0.00 | 23.86 -1.80 0.00 | 27.43 -2.16 0.00 | 29.71 -3.45 0.02 | 28.98 -3.37 0.01 | 27.27 -3.54 2.25 | 27.86 -3.20 0.00 | 27.22 -3.02 0.00 | 26.56 -2.98 0.00 | 26.17 -2.91 0.00 | 26.08 -2.93 0.00 | 27.63 -3.14 0.00 | 33.27 -3.99 0.02 | 40.69 -5.19 0.02 | 37.06 -4.21 0.02 | 34.85 -3.83 0.02 | 29.73 -3.12 0.00 | 28.32 -3.11 0.00 | 26.53 -2.62 0.00 | 26.17 -2.00 0.00 |

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| OH_GEN_PROXY 24063 | 23.81 -1.07 0.00 | 22.18 -1.14 0.00 | 20.99 -1.06 0.00 | 20.92 -1.24 0.00 | 21.12 -1.42 0.00 | 24.12 -1.54 0.00 | 27.70 -1.89 0.00 | 30.11 -3.05 0.02 | 29.40 -2.94 0.01 | 26.15 -3.17 3.73 | 28.33 -2.73 0.00 | 27.58 -2.66 0.00 | 26.97 -2.57 0.00 | 26.54 -2.53 0.00 | 26.51 -2.49 0.00 | 28.03 -2.74 0.00 | 33.76 -3.51 0.02 | 41.29 -4.59 0.02 | 37.80 -3.47 0.02 | 34.49 -3.29 0.91 | 30.99 -2.76 -0.90 | 28.63 -2.80 0.00 | 26.85 -2.30 0.00 | 26.46 -1.72 0.00 |
| OLIN_CORP_DRP 24177 | 23.06 -1.82 0.00 | 21.97 -1.35 0.00 | 20.77 -1.28 0.00 | 20.72 -1.44 0.00 | 20.89 -1.65 0.00 | 23.86 -1.80 0.00 | 27.43 -2.16 0.00 | 29.74 -3.42 0.02 | 29.02 -3.33 0.01 | 27.21 -3.60 2.24 | 27.86 -3.20 0.00 | 27.22 -3.02 0.00 | 26.59 -2.95 0.00 | 26.17 -2.91 0.00 | 26.11 -2.90 0.00 | 27.66 -3.11 0.00 | 33.31 -3.95 0.02 | 40.69 -5.19 0.02 | 37.14 -4.13 0.02 | 34.93 -3.75 0.02 | 29.79 -3.05 0.00 | 28.38 -3.05 0.00 | 26.56 -2.59 0.00 | 26.23 -1.94 0.00 |
| OLIN_CORP_DSASP 323712 | 23.61 -1.27 0.00 | 21.99 -1.33 0.00 | 20.79 -1.26 0.00 | 20.74 -1.42 0.00 | 20.91 -1.62 0.00 | 23.89 -1.77 0.00 | 27.37 -2.22 0.00 | 29.67 -3.48 0.02 | 28.98 -3.37 0.01 | 25.78 -3.51 3.78 | 27.92 -3.14 0.00 | 27.22 -3.02 0.00 | 26.59 -2.95 0.00 | 26.17 -2.91 0.00 | 26.14 -2.87 0.00 | 27.63 -3.14 0.00 | 33.27 -3.99 0.02 | 40.69 -5.19 0.02 | 37.23 -4.04 0.02 | 34.85 -3.83 0.02 | 29.66 -3.19 0.00 | 28.22 -3.21 0.00 | 26.50 -2.65 0.00 | 26.15 -2.03 0.00 |
| ONEIDA_HERK_LFGE 323681 | 25.23 0.35 0.00 | 23.63 0.30 0.00 | 22.31 0.27 0.00 | 22.44 0.29 0.00 | 22.85 0.32 0.00 | 25.99 0.33 0.00 | 29.98 0.38 0.00 | 33.67 0.50 0.00 | 32.91 0.55 0.00 | 32.36 0.53 1.23 | 31.56 0.50 0.00 | 30.69 0.45 0.00 | 29.95 0.41 0.00 | 29.51 0.44 0.00 | 29.47 0.46 0.00 | 31.38 0.62 0.00 | 38.21 0.93 0.00 | 47.15 1.19 -0.06 | 42.40 1.12 0.00 | 39.82 1.12 0.00 | 33.74 0.89 0.00 | 32.34 0.91 0.00 | 29.91 0.76 0.00 | 28.85 0.68 0.00 |
| ONEIDA___115KV_TB4 55905 | 25.42 0.55 0.00 | 23.84 0.51 0.00 | 22.51 0.46 0.00 | 22.64 0.49 0.00 | 23.03 0.50 0.00 | 26.35 0.69 0.00 | 30.45 0.86 0.00 | 34.20 1.03 0.00 | 33.36 1.00 0.00 | 32.78 0.93 1.21 | 31.99 0.93 0.00 | 31.15 0.91 0.00 | 30.40 0.86 0.00 | 29.97 0.90 0.00 | 29.94 0.93 0.00 | 31.88 1.11 0.00 | 38.85 1.57 0.00 | 47.83 1.93 0.00 | 43.02 1.73 0.00 | 40.40 1.70 0.00 | 34.13 1.28 0.00 | 32.59 1.16 0.00 | 30.12 0.96 0.00 | 29.11 0.93 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 24.68 -0.20 0.00 | 23.14 -0.19 0.00 | 21.87 -0.18 0.00 | 21.96 -0.20 0.00 | 22.33 -0.20 0.00 | 25.51 -0.15 0.00 | 29.45 -0.15 0.00 | 32.95 -0.42 -0.01 | 31.94 -0.42 -0.01 | 30.49 -0.43 2.15 | 30.97 -0.09 0.00 | 30.15 -0.09 0.00 | 29.45 -0.09 0.00 | 29.04 -0.03 0.00 | 28.98 -0.03 0.00 | 30.74 -0.03 0.00 | 37.51 0.22 -0.01 | 46.23 0.32 -0.01 | 41.63 0.33 -0.01 | 38.98 0.27 -0.01 | 32.91 0.07 0.00 | 31.37 -0.06 0.00 | 29.07 -0.09 0.00 | 28.15 -0.03 0.00 |
| ONONDAGA___COGEN 23986 | 24.65 -0.22 0.00 | 23.14 -0.19 0.00 | 21.87 -0.18 0.00 | 21.96 -0.20 0.00 | 22.33 -0.20 0.00 | 25.51 -0.15 0.00 | 29.45 -0.15 0.00 | 32.96 -0.23 -0.02 | 32.30 -0.06 -0.01 | 30.74 -0.07 2.26 | 31.31 0.25 0.00 | 30.45 0.21 0.00 | 29.78 0.24 0.00 | 29.36 0.29 0.00 | 29.30 0.29 0.00 | 31.08 0.31 0.00 | 37.93 0.63 -0.02 | 46.74 0.83 -0.02 | 42.09 0.78 -0.02 | 39.41 0.70 -0.02 | 33.24 0.39 0.00 | 31.68 0.25 0.00 | 29.33 0.17 0.00 | 28.40 0.23 0.00 |
| ONTARIO___LFGE 23819 | 25.20 0.32 0.00 | 23.53 0.21 0.00 | 22.20 0.16 0.00 | 22.25 0.09 0.00 | 22.62 0.09 0.00 | 25.92 0.26 0.00 | 30.07 0.47 0.00 | 33.98 0.60 -0.21 | 33.02 0.55 -0.11 | 29.74 0.30 3.62 | 31.71 0.65 0.00 | 30.78 0.54 0.00 | 30.07 0.53 0.00 | 29.65 0.58 0.00 | 29.62 0.61 0.00 | 31.51 0.74 0.00 | 38.65 1.16 -0.22 | 47.40 1.28 -0.22 | 42.86 1.36 -0.22 | 40.15 1.24 -0.22 | 33.87 1.02 0.00 | 32.22 0.79 0.00 | 29.74 0.58 0.00 | 28.82 0.65 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 24.26 -0.62 0.00 | 22.60 -0.72 0.00 | 21.34 -0.71 0.00 | 21.27 -0.89 0.00 | 21.39 -1.15 0.00 | 24.40 -1.26 0.00 | 28.00 -1.60 0.00 | 30.27 -2.89 0.01 | 29.47 -2.88 0.01 | 25.71 -3.60 3.75 | 28.23 -2.83 0.00 | 27.49 -2.75 0.00 | 26.82 -2.72 0.00 | 26.43 -2.65 0.00 | 26.40 -2.61 0.00 | 27.91 -2.86 0.00 | 33.61 -3.65 0.01 | 41.15 -4.73 0.01 | 38.01 -3.26 0.01 | 35.70 -2.98 0.01 | 30.45 -2.40 0.00 | 29.04 -2.39 0.00 | 27.23 -1.93 0.00 | 26.88 -1.30 0.00 |
| ORANGEVILLE___ESR 323794 | 24.26 -0.62 0.00 | 22.60 -0.72 0.00 | 21.34 -0.71 0.00 | 21.27 -0.89 0.00 | 21.39 -1.15 0.00 | 24.40 -1.26 0.00 | 28.00 -1.60 0.00 | 30.27 -2.89 0.01 | 29.47 -2.88 0.01 | 25.71 -3.60 3.75 | 28.23 -2.83 0.00 | 27.49 -2.75 0.00 | 26.82 -2.72 0.00 | 26.43 -2.65 0.00 | 26.40 -2.61 0.00 | 27.91 -2.86 0.00 | 33.61 -3.65 0.01 | 41.15 -4.73 0.01 | 38.01 -3.26 0.01 | 35.70 -2.98 0.01 | 30.45 -2.40 0.00 | 29.04 -2.39 0.00 | 27.23 -1.93 0.00 | 26.88 -1.30 0.00 |
| OSWEGATCHIE___HYD 24044 | 24.78 -0.10 0.00 | 23.21 -0.12 0.00 | 21.92 -0.13 0.00 | 22.07 -0.09 0.00 | 22.42 -0.11 0.00 | 25.30 -0.36 0.00 | 29.06 -0.53 0.00 | 32.47 -0.70 0.00 | 31.61 -0.74 0.00 | 31.10 -0.83 1.13 | 30.25 -0.81 0.00 | 29.51 -0.73 0.00 | 28.77 -0.77 0.00 | 28.29 -0.78 0.00 | 28.25 -0.75 0.00 | 29.94 -0.83 0.00 | 36.12 -1.16 0.00 | 44.84 -1.33 -0.28 | 40.17 -1.11 0.00 | 37.69 -1.01 0.00 | 32.32 -0.53 0.00 | 31.24 -0.19 0.00 | 29.07 -0.09 0.00 | 28.09 -0.08 0.00 |
| OSWEGO___5 23606 | 24.35 -0.52 0.00 | 22.81 -0.51 0.00 | 21.54 -0.51 0.00 | 21.63 -0.53 0.00 | 21.99 -0.54 0.00 | 25.10 -0.56 0.00 | 28.92 -0.68 0.00 | 32.31 -0.86 0.00 | 31.26 -1.10 0.00 | 27.76 -1.12 4.18 | 30.22 -0.84 0.00 | 29.42 -0.82 0.00 | 28.74 -0.80 0.00 | 28.32 -0.76 0.00 | 28.28 -0.72 0.00 | 30.00 -0.77 0.00 | 36.49 -0.78 0.00 | 44.93 -0.97 0.00 | 40.46 -0.83 0.00 | 37.88 -0.81 0.00 | 32.03 -0.82 0.00 | 30.58 -0.85 0.00 | 28.37 -0.79 0.00 | 27.47 -0.70 0.00 |
| OSWEGO___6 23613 | 24.35 -0.52 0.00 | 22.81 -0.51 0.00 | 21.54 -0.51 0.00 | 21.63 -0.53 0.00 | 21.99 -0.54 0.00 | 25.10 -0.56 0.00 | 28.92 -0.68 0.00 | 32.31 -0.86 0.00 | 31.26 -1.10 0.00 | 27.76 -1.12 4.18 | 30.22 -0.84 0.00 | 29.42 -0.82 0.00 | 28.74 -0.80 0.00 | 28.32 -0.76 0.00 | 28.28 -0.72 0.00 | 30.00 -0.77 0.00 | 36.49 -0.78 0.00 | 44.93 -0.97 0.00 | 40.46 -0.83 0.00 | 37.88 -0.81 0.00 | 32.03 -0.82 0.00 | 30.58 -0.85 0.00 | 28.37 -0.79 0.00 | 27.47 -0.70 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 23.68 -1.19 0.00 | 22.55 -0.77 0.00 | 21.32 -0.73 0.00 | 21.25 -0.91 0.00 | 21.43 -1.10 0.00 | 24.48 -1.18 0.00 | 28.17 -1.42 0.00 | 30.57 -2.59 0.02 | 29.82 -2.52 0.01 | 27.78 -3.04 2.24 | 28.54 -2.52 0.00 | 27.88 -2.36 0.00 | 27.21 -2.33 0.00 | 26.81 -2.27 0.00 | 26.72 -2.29 0.00 | 28.28 -2.49 0.00 | 34.05 -3.21 0.02 | 41.61 -4.27 0.02 | 38.01 -3.26 0.02 | 35.82 -2.86 0.02 | 30.58 -2.27 0.00 | 29.10 -2.33 0.00 | 27.20 -1.95 0.00 | 26.82 -1.35 0.00 |
| OXBOW___BTM 323836 | 23.43 -1.44 0.00 | 22.32 -1.00 0.00 | 21.10 -0.95 0.00 | 21.05 -1.11 0.00 | 21.23 -1.31 0.00 | 24.22 -1.44 0.00 | 27.88 -1.72 0.00 | 30.20 -2.95 0.02 | 29.50 -2.85 0.01 | 27.61 -3.21 2.25 | 28.26 -2.80 0.00 | 27.64 -2.60 0.00 | 26.97 -2.57 0.00 | 26.54 -2.53 0.00 | 26.46 -2.55 0.00 | 28.03 -2.74 0.00 | 33.76 -3.50 0.02 | 41.29 -4.59 0.02 | 37.64 -3.63 0.02 | 35.43 -3.25 0.02 | 30.25 -2.60 0.00 | 28.79 -2.64 0.00 | 26.94 -2.22 0.00 | 26.57 -1.61 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| OXBOW____ 24026 | 23.96 -0.92 0.00 | 22.32 -1.00 0.00 | 21.10 -0.95 0.00 | 21.05 -1.11 0.00 | 21.23 -1.31 0.00 | 24.22 -1.44 0.00 | 27.82 -1.77 0.00 | 30.20 -2.95 0.02 | 29.50 -2.85 0.01 | 26.12 -3.17 3.77 | 28.36 -2.70 0.00 | 27.64 -2.60 0.00 | 27.00 -2.54 0.00 | 26.54 -2.53 0.00 | 26.54 -2.47 0.00 | 28.03 -2.74 0.00 | 33.76 -3.51 0.02 | 41.25 -4.63 0.02 | 37.84 -3.43 0.02 | 35.43 -3.25 0.02 | 30.16 -2.69 0.00 | 28.69 -2.73 0.00 | 26.91 -2.24 0.00 | 26.54 -1.63 0.00 |
| OXY_CHEM_DSASP 323612 | 23.09 -1.79 0.00 | 21.99 -1.33 0.00 | 20.79 -1.26 0.00 | 20.74 -1.42 0.00 | 20.91 -1.62 0.00 | 23.86 -1.80 0.00 | 27.43 -2.16 0.00 | 29.71 -3.45 0.02 | 28.98 -3.37 0.01 | 27.27 -3.54 2.25 | 27.86 -3.20 0.00 | 27.22 -3.02 0.00 | 26.56 -2.98 0.00 | 26.17 -2.91 0.00 | 26.08 -2.93 0.00 | 27.63 -3.14 0.00 | 33.27 -3.99 0.02 | 40.69 -5.19 0.02 | 37.06 -4.21 0.02 | 34.85 -3.83 0.02 | 29.73 -3.12 0.00 | 28.32 -3.11 0.00 | 26.53 -2.62 0.00 | 26.17 -2.00 0.00 |
| OZONE_PARK_ESR 323760 | 25.72 0.85 0.00 | 24.07 0.75 0.00 | 22.78 0.73 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.46 0.80 0.00 | 30.99 1.39 0.00 | 35.23 2.06 0.00 | 34.43 2.07 0.00 | 34.66 2.15 0.55 | 32.95 1.89 0.00 | 32.11 1.87 0.00 | 31.43 1.89 0.00 | 30.96 1.89 0.00 | 30.89 1.89 0.00 | 32.77 2.00 0.00 | 40.48 3.21 0.00 | 49.98 4.08 0.00 | 44.88 3.59 0.00 | 42.06 3.37 0.00 | 34.95 2.10 0.00 | 33.38 1.95 0.00 | 30.94 1.78 0.00 | 29.67 1.49 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 23.09 -1.79 0.00 | 21.99 -1.33 0.00 | 20.79 -1.26 0.00 | 20.74 -1.42 0.00 | 20.91 -1.62 0.00 | 23.86 -1.80 0.00 | 27.43 -2.16 0.00 | 29.71 -3.45 0.02 | 28.98 -3.37 0.01 | 27.27 -3.54 2.25 | 27.86 -3.20 0.00 | 27.22 -3.02 0.00 | 26.56 -2.98 0.00 | 26.17 -2.91 0.00 | 26.08 -2.93 0.00 | 27.63 -3.14 0.00 | 33.27 -3.99 0.02 | 40.69 -5.19 0.02 | 37.06 -4.21 0.02 | 34.85 -3.83 0.02 | 29.73 -3.12 0.00 | 28.32 -3.11 0.00 | 26.53 -2.62 0.00 | 26.17 -2.00 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 23.09 -1.79 0.00 | 21.99 -1.33 0.00 | 20.79 -1.26 0.00 | 20.74 -1.42 0.00 | 20.91 -1.62 0.00 | 23.86 -1.80 0.00 | 27.43 -2.16 0.00 | 29.71 -3.45 0.02 | 28.98 -3.37 0.01 | 27.27 -3.54 2.25 | 27.86 -3.20 0.00 | 27.22 -3.02 0.00 | 26.56 -2.98 0.00 | 26.17 -2.91 0.00 | 26.08 -2.93 0.00 | 27.63 -3.14 0.00 | 33.27 -3.99 0.02 | 40.69 -5.19 0.02 | 37.06 -4.21 0.02 | 34.85 -3.83 0.02 | 29.73 -3.12 0.00 | 28.32 -3.11 0.00 | 26.53 -2.62 0.00 | 26.17 -2.00 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 25.65 0.77 0.00 | 24.05 0.72 0.00 | 22.75 0.71 0.00 | 22.84 0.69 0.00 | 23.26 0.72 0.00 | 26.20 0.54 0.00 | 30.54 0.95 0.00 | 34.73 1.56 0.00 | 33.94 1.59 0.00 | 34.20 1.69 0.55 | 32.52 1.46 0.00 | 31.69 1.45 0.00 | 31.02 1.48 0.00 | 30.53 1.45 0.00 | 30.49 1.48 0.00 | 32.34 1.57 0.00 | 39.92 2.65 0.00 | 49.29 3.40 0.00 | 44.18 2.89 0.00 | 41.44 2.75 0.00 | 34.46 1.61 0.00 | 32.91 1.48 0.00 | 30.59 1.43 0.00 | 29.50 1.32 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 26.00 1.12 0.00 | 24.40 1.07 0.00 | 23.06 1.01 0.00 | 23.15 1.00 0.00 | 23.57 1.04 0.00 | 26.53 0.87 0.00 | 30.96 1.36 0.00 | 35.20 2.02 0.00 | 34.39 2.04 0.00 | 34.56 2.05 0.55 | 32.83 1.77 0.00 | 31.99 1.75 0.00 | 31.31 1.77 0.00 | 30.88 1.80 0.00 | 30.84 1.83 0.00 | 32.71 1.94 0.00 | 40.44 3.17 0.00 | 49.89 3.99 0.00 | 44.71 3.43 0.00 | 41.95 3.25 0.00 | 34.82 1.97 0.00 | 33.28 1.85 0.00 | 30.94 1.78 0.00 | 29.87 1.69 0.00 |
| PATROON__115KV_TB1 80586 | 25.25 0.37 0.00 | 23.67 0.35 0.00 | 22.42 0.37 0.00 | 22.53 0.38 0.00 | 22.92 0.38 0.00 | 25.89 0.23 0.00 | 29.89 0.30 0.00 | 33.84 0.66 0.00 | 33.07 0.71 0.00 | 33.46 0.83 0.43 | 31.81 0.75 0.00 | 30.94 0.70 0.00 | 30.22 0.68 0.00 | 29.74 0.67 0.00 | 29.68 0.67 0.00 | 31.48 0.71 0.00 | 38.51 1.23 0.00 | 47.50 1.61 0.00 | 42.65 1.36 0.00 | 39.93 1.24 0.00 | 33.60 0.76 0.00 | 32.09 0.66 0.00 | 29.65 0.50 0.00 | 28.54 0.37 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 24.43 -0.45 0.00 | 23.21 -0.12 0.00 | 21.89 -0.15 0.00 | 21.85 -0.31 0.00 | 22.06 -0.47 0.00 | 25.22 -0.44 0.00 | 29.09 -0.50 0.00 | 32.13 -1.03 0.01 | 31.28 -1.07 0.01 | 27.45 -3.41 2.20 | 30.00 -1.06 0.00 | 29.33 -0.91 0.00 | 28.62 -0.92 0.00 | 28.17 -0.90 0.00 | 28.11 -0.90 0.00 | 29.72 -1.05 0.00 | 35.14 -2.12 0.01 | 42.03 -3.86 0.01 | 39.33 -1.94 0.01 | 37.68 -1.01 0.01 | 32.26 -0.59 0.00 | 30.77 -0.66 0.00 | 28.63 -0.52 0.00 | 28.15 -0.03 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 25.80 0.92 0.00 | 24.16 0.84 0.00 | 22.84 0.79 0.00 | 22.95 0.80 0.00 | 23.32 0.79 0.00 | 26.51 0.85 0.00 | 30.87 1.27 0.00 | 35.06 1.89 0.00 | 34.27 1.91 0.00 | 34.47 1.95 0.55 | 32.89 1.83 0.00 | 32.02 1.78 0.00 | 31.31 1.77 0.00 | 30.79 1.72 0.00 | 30.78 1.77 0.00 | 32.74 1.97 0.00 | 40.22 2.94 0.00 | 49.75 3.86 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.95 2.10 0.00 | 33.35 1.92 0.00 | 30.91 1.75 0.00 | 29.67 1.49 0.00 |
| PEEKSKILL____ 23653 | 25.42 0.55 0.00 | 23.88 0.56 0.00 | 22.60 0.55 0.00 | 22.71 0.55 0.00 | 23.12 0.58 0.00 | 26.28 0.61 0.00 | 30.66 1.06 0.00 | 34.83 1.66 0.00 | 34.04 1.68 0.00 | 33.84 1.72 0.94 | 32.61 1.55 0.00 | 31.81 1.57 0.00 | 31.08 1.54 0.00 | 30.61 1.54 0.00 | 30.54 1.54 0.00 | 32.52 1.75 0.00 | 39.92 2.65 0.00 | 49.24 3.35 0.00 | 44.17 2.89 0.00 | 41.40 2.71 0.00 | 34.59 1.74 0.00 | 32.94 1.51 0.00 | 30.56 1.40 0.00 | 29.36 1.18 0.00 |
| PGE MADISON__WINDPWR 24146 | 26.89 2.01 0.00 | 25.09 1.77 0.00 | 23.66 1.61 0.00 | 23.80 1.64 0.00 | 24.23 1.69 0.00 | 27.89 2.23 0.00 | 32.44 2.84 0.00 | 36.64 3.45 -0.02 | 35.57 3.20 -0.01 | 33.01 2.74 2.80 | 33.92 2.86 0.00 | 32.96 2.72 0.00 | 32.11 2.57 0.00 | 31.66 2.59 0.00 | 31.65 2.64 0.00 | 33.91 3.14 0.00 | 41.58 4.28 -0.02 | 51.37 5.46 -0.02 | 46.55 5.24 -0.02 | 43.78 5.07 -0.02 | 36.82 3.97 0.00 | 34.92 3.49 0.00 | 32.16 3.00 0.00 | 30.97 2.79 0.00 |
| PIERCEFIELD__HYD 23852 | 25.38 0.50 0.00 | 23.77 0.44 0.00 | 22.47 0.42 0.00 | 22.62 0.47 0.00 | 22.94 0.41 0.00 | 25.84 0.18 0.00 | 29.59 0.00 0.00 | 32.87 -0.30 0.00 | 32.07 -0.29 0.00 | 32.26 -0.43 0.38 | 30.66 -0.40 0.00 | 29.97 -0.27 0.00 | 29.24 -0.30 0.00 | 28.67 -0.41 0.00 | 28.63 -0.38 0.00 | 30.43 -0.34 0.00 | 36.01 -1.27 0.00 | 44.75 -1.56 -0.41 | 39.92 -1.36 0.00 | 37.46 -1.24 0.00 | 32.42 -0.43 0.00 | 31.49 0.06 0.00 | 29.45 0.29 0.00 | 28.49 0.31 0.00 |
| PINELAWN_CC_1 323563 | 26.10 1.22 0.00 | 24.47 1.14 0.00 | 23.19 1.15 0.00 | 23.26 1.11 0.00 | 23.75 1.22 0.00 | 27.07 1.41 0.00 | 31.92 2.16 -0.17 | 37.68 2.79 -1.72 | 37.56 2.72 -2.49 | 40.33 2.78 -4.49 | 38.46 2.49 -4.91 | 38.96 2.48 -6.24 | 39.34 2.51 -7.29 | 37.98 2.47 -6.44 | 39.56 2.41 -8.15 | 42.84 2.71 -9.36 | 50.90 3.99 -9.64 | 71.23 4.82 -20.52 | 60.81 4.25 -15.27 | 55.26 4.02 -12.54 | 46.63 2.89 -10.89 | 40.89 2.67 -6.79 | 33.16 2.36 -1.64 | 39.04 2.28 -8.58 |
| PJM_GEN_HTP_PROXY 323702 | 25.47 0.60 0.00 | 23.93 0.61 0.00 | 22.64 0.60 0.00 | 22.73 0.58 0.00 | 23.16 0.63 0.00 | 26.30 0.64 0.00 | 30.78 1.19 0.00 | 35.00 1.82 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.77 1.71 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.79 1.71 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.19 2.91 0.00 | 49.52 3.62 0.00 | 44.42 3.14 0.00 | 40.74 2.94 0.00 | 35.62 1.87 -0.90 | 33.06 1.63 0.00 | 30.67 1.52 0.00 | 29.50 1.32 0.00 |

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| PJM_GEN_KEYSTONE 24065 | 24.90 0.02 0.00 | 23.30 -0.02 0.00 | 22.03 -0.02 0.00 | 22.07 -0.09 0.00 | 22.40 -0.13 0.00 | 25.53 -0.13 0.00 | 29.62 0.03 0.00 | 33.17 0.00 0.00 | 32.36 0.00 0.00 | 30.48 -0.43 2.16 | 31.06 0.00 0.00 | 30.24 0.00 0.00 | 29.57 0.03 0.00 | 29.10 0.03 0.00 | 29.07 0.06 0.00 | 30.86 0.09 0.00 | 37.54 0.26 0.00 | 46.03 0.14 0.00 | 41.82 0.54 0.00 | 38.30 0.50 0.90 | 33.88 0.13 -0.90 | 31.46 0.03 0.00 | 29.24 0.09 0.00 | 28.35 0.17 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 25.72 0.85 0.00 | 24.12 0.79 0.00 | 22.86 0.82 0.00 | 22.93 0.78 0.00 | 23.41 0.88 0.00 | 26.66 1.00 0.00 | 31.30 1.66 -0.04 | 35.91 2.22 -0.52 | 35.31 2.20 -0.75 | 35.97 2.22 -0.69 | 34.56 2.02 -1.48 | 34.14 2.03 -1.88 | 33.80 2.07 -2.19 | 33.01 2.00 -1.93 | 33.43 1.97 -2.45 | 35.28 2.22 -2.29 | 43.30 3.28 -2.75 | 66.22 3.90 -16.43 | 55.95 3.42 -11.24 | 49.41 3.25 -7.46 | 38.26 2.26 -3.15 | 35.42 2.11 -1.88 | 31.58 1.92 -0.50 | 32.55 1.80 -2.57 |
| PJM_GEN_VFT_PROXY 323633 | 25.33 0.45 0.00 | 23.79 0.47 0.00 | 22.51 0.46 0.00 | 22.60 0.44 0.00 | 23.03 0.50 0.00 | 26.15 0.49 0.00 | 30.60 1.01 0.00 | 34.83 1.66 0.00 | 34.07 1.71 0.00 | 33.91 1.78 0.93 | 32.61 1.55 0.00 | 31.84 1.60 0.00 | 31.13 1.59 0.00 | 30.64 1.57 0.00 | 30.57 1.57 0.00 | 32.58 1.81 0.00 | 40.03 2.76 0.00 | 49.34 3.44 0.00 | 44.26 2.97 0.00 | 40.59 2.79 0.90 | 35.45 1.71 -0.90 | 32.91 1.48 0.00 | 30.56 1.40 0.00 | 29.36 1.18 0.00 |
| PLATSBRG_115KV_PMLD1 355749 | 26.12 1.24 0.00 | 24.47 1.14 0.00 | 23.11 1.06 0.00 | 23.29 1.13 0.00 | 23.68 1.15 0.00 | 26.97 1.31 0.00 | 30.69 1.10 0.00 | 34.20 1.03 0.00 | 33.23 0.87 0.00 | 33.48 0.56 0.15 | 31.12 0.06 0.00 | 30.06 -0.18 0.00 | 29.04 -0.50 0.00 | 28.26 -0.81 0.00 | 28.17 -0.84 0.00 | 29.82 -0.95 0.00 | 35.56 -1.71 0.00 | 40.93 -2.29 2.67 | 39.63 -1.65 0.00 | 37.11 -1.59 0.00 | 31.99 -0.85 0.00 | 30.86 -0.57 0.00 | 28.75 -0.41 0.00 | 28.23 0.06 0.00 |
| PLEASANTVLY___LBMP 24000 | 25.50 0.62 0.00 | 23.86 0.54 0.00 | 22.58 0.53 0.00 | 22.69 0.53 0.00 | 23.08 0.54 0.00 | 26.25 0.59 0.00 | 30.51 0.92 0.00 | 34.60 1.43 0.00 | 33.78 1.42 0.00 | 34.05 1.52 0.53 | 32.43 1.37 0.00 | 31.60 1.36 0.00 | 30.90 1.36 0.00 | 30.41 1.34 0.00 | 30.34 1.33 0.00 | 32.18 1.42 0.00 | 39.59 2.31 0.00 | 48.83 2.94 0.00 | 43.85 2.56 0.00 | 41.10 2.40 0.00 | 34.33 1.48 0.00 | 32.78 1.35 0.00 | 30.41 1.25 0.00 | 29.19 1.01 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 25.60 0.72 0.00 | 23.98 0.65 0.00 | 22.69 0.64 0.00 | 22.80 0.64 0.00 | 23.21 0.68 0.00 | 26.38 0.72 0.00 | 30.78 1.18 0.00 | 34.93 1.76 0.00 | 34.14 1.78 0.00 | 34.36 1.85 0.55 | 32.74 1.68 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.63 1.62 0.00 | 32.49 1.72 0.00 | 40.00 2.72 0.00 | 49.43 3.53 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.69 1.84 0.00 | 33.09 1.67 0.00 | 30.67 1.52 0.00 | 29.44 1.27 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 25.60 0.72 0.00 | 23.98 0.65 0.00 | 22.69 0.64 0.00 | 22.80 0.64 0.00 | 23.21 0.68 0.00 | 26.38 0.72 0.00 | 30.78 1.18 0.00 | 34.93 1.76 0.00 | 34.14 1.78 0.00 | 34.36 1.85 0.55 | 32.74 1.68 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.63 1.62 0.00 | 32.49 1.72 0.00 | 40.00 2.72 0.00 | 49.43 3.53 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.69 1.84 0.00 | 33.09 1.67 0.00 | 30.67 1.52 0.00 | 29.44 1.27 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 25.67 0.80 0.00 | 24.02 0.70 0.00 | 22.73 0.68 0.00 | 22.84 0.69 0.00 | 23.26 0.72 0.00 | 26.43 0.77 0.00 | 30.72 1.12 0.00 | 34.90 1.72 0.00 | 34.07 1.71 0.00 | 34.27 1.75 0.54 | 32.64 1.58 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.56 1.48 0.00 | 30.55 1.54 0.00 | 32.49 1.72 0.00 | 39.89 2.61 0.00 | 49.29 3.40 0.00 | 44.30 3.01 0.00 | 41.48 2.79 0.00 | 34.65 1.81 0.00 | 33.06 1.63 0.00 | 30.96 1.81 0.00 | 29.75 1.58 0.00 |
| POLETTI_____ 23519 | 25.52 0.65 0.00 | 23.88 0.56 0.00 | 22.62 0.57 0.00 | 22.71 0.55 0.00 | 23.12 0.59 0.00 | 26.25 0.59 0.00 | 30.72 1.12 0.00 | 34.90 1.72 0.00 | 34.10 1.75 0.00 | 34.33 1.82 0.55 | 32.68 1.62 0.00 | 31.84 1.60 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.60 1.60 0.00 | 32.46 1.69 0.00 | 40.07 2.80 0.00 | 49.47 3.58 0.00 | 44.38 3.10 0.00 | 41.60 2.90 0.00 | 34.62 1.77 0.00 | 33.06 1.63 0.00 | 30.64 1.49 0.00 | 29.42 1.24 0.00 |
| POMONA___ESR 323819 | 25.42 0.55 0.00 | 23.88 0.56 0.00 | 22.58 0.53 0.00 | 22.69 0.53 0.00 | 23.10 0.56 0.00 | 26.28 0.61 0.00 | 30.66 1.06 0.00 | 34.80 1.63 0.00 | 34.01 1.65 0.00 | 33.76 1.65 0.96 | 32.58 1.52 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.55 1.48 0.00 | 30.49 1.48 0.00 | 32.46 1.69 0.00 | 39.88 2.61 0.00 | 49.20 3.31 0.00 | 44.17 2.89 0.00 | 41.36 2.67 0.00 | 34.56 1.71 0.00 | 32.94 1.51 0.00 | 30.53 1.37 0.00 | 29.36 1.18 0.00 |
| PORT_JEFF_3 23555 | 26.29 1.42 0.00 | 24.65 1.33 0.00 | 23.41 1.37 0.00 | 23.49 1.33 0.00 | 24.00 1.46 0.00 | 27.30 1.64 0.00 | 32.05 2.28 -0.17 | 37.81 2.85 -1.78 | 37.76 2.81 -2.59 | 40.83 3.08 -4.69 | 38.75 2.58 -5.11 | 39.30 2.57 -6.50 | 39.79 2.66 -7.59 | 38.36 2.59 -6.70 | 39.98 2.50 -8.48 | 41.69 2.83 -8.09 | 51.01 4.17 -9.56 | 69.62 4.91 -18.81 | 59.34 4.33 -13.72 | 53.90 4.18 -11.03 | 43.98 3.02 -8.11 | 40.78 2.80 -6.56 | 33.31 2.45 -1.71 | 39.67 2.56 -8.93 |
| PORT_JEFF_4 23616 | 26.29 1.42 0.00 | 24.65 1.33 0.00 | 23.41 1.37 0.00 | 23.49 1.33 0.00 | 24.00 1.46 0.00 | 27.30 1.64 0.00 | 32.05 2.28 -0.17 | 37.81 2.85 -1.78 | 37.76 2.81 -2.59 | 40.83 3.08 -4.69 | 38.75 2.58 -5.11 | 39.30 2.57 -6.50 | 39.79 2.66 -7.59 | 38.36 2.59 -6.70 | 39.98 2.50 -8.48 | 41.69 2.83 -8.09 | 51.01 4.17 -9.56 | 69.62 4.91 -18.81 | 59.34 4.33 -13.72 | 53.90 4.18 -11.03 | 43.98 3.02 -8.11 | 40.78 2.80 -6.56 | 33.31 2.45 -1.71 | 39.67 2.56 -8.93 |
| PORT_JEFF_IC 23713 | 26.32 1.44 0.00 | 24.68 1.35 0.00 | 23.44 1.39 0.00 | 23.51 1.35 0.00 | 24.00 1.46 0.00 | 27.33 1.67 0.00 | 32.08 2.31 -0.17 | 37.84 2.88 -1.78 | 37.79 2.85 -2.59 | 40.86 3.11 -4.69 | 38.77 2.61 -5.10 | 39.33 2.60 -6.49 | 39.80 2.69 -7.58 | 38.38 2.62 -6.69 | 40.00 2.52 -8.47 | 41.76 2.86 -8.13 | 51.05 4.21 -9.56 | 69.63 4.86 -18.87 | 59.36 4.29 -13.78 | 53.99 4.22 -11.08 | 44.10 3.06 -8.20 | 40.82 2.83 -6.56 | 33.31 2.45 -1.70 | 39.68 2.59 -8.92 |
| PPL PILGRIM_ST_GT1 24216 | 26.29 1.42 0.00 | 24.65 1.33 0.00 | 23.39 1.35 0.00 | 23.46 1.31 0.00 | 23.98 1.44 0.00 | 27.28 1.62 0.00 | 32.19 2.43 -0.17 | 37.99 3.05 -1.77 | 37.90 2.97 -2.57 | 40.83 3.11 -4.66 | 38.87 2.73 -5.08 | 39.42 2.72 -6.45 | 39.85 2.78 -7.54 | 38.43 2.70 -6.65 | 40.07 2.64 -8.42 | 42.07 2.98 -8.31 | 51.21 4.36 -9.58 | 70.22 5.23 -19.09 | 59.89 4.62 -13.98 | 54.35 4.37 -11.28 | 44.66 3.22 -8.59 | 40.98 2.95 -6.60 | 33.45 2.59 -1.70 | 39.61 2.56 -8.87 |
| PPL PILGRIM_ST_GT2 24217 | 26.29 1.42 0.00 | 24.65 1.33 0.00 | 23.39 1.35 0.00 | 23.46 1.31 0.00 | 23.98 1.44 0.00 | 27.28 1.62 0.00 | 32.19 2.43 -0.17 | 37.99 3.05 -1.77 | 37.90 2.97 -2.57 | 40.83 3.11 -4.66 | 38.87 2.73 -5.08 | 39.42 2.72 -6.45 | 39.85 2.78 -7.54 | 38.43 2.70 -6.65 | 40.07 2.64 -8.42 | 42.07 2.98 -8.31 | 51.21 4.36 -9.58 | 70.22 5.23 -19.09 | 59.89 4.62 -13.98 | 54.35 4.37 -11.28 | 44.66 3.22 -8.59 | 40.98 2.95 -6.60 | 33.45 2.59 -1.70 | 39.61 2.56 -8.87 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| PPL_SHRM_GT3 24213 | 26.49 1.62 0.00 | 24.84 1.52 0.00 | 23.61 1.57 0.00 | 23.66 1.51 0.00 | 24.18 1.64 0.00 | 27.53 1.87 0.00 | 31.96 2.19 -0.17 | 37.54 2.59 -1.78 | 37.56 2.62 -2.59 | 41.03 3.27 -4.69 | 38.56 2.39 -5.11 | 39.12 2.39 -6.49 | 39.72 2.60 -7.58 | 38.27 2.50 -6.69 | 39.80 2.32 -8.47 | 41.52 2.65 -8.11 | 50.79 3.95 -9.56 | 69.46 4.73 -18.84 | 59.25 4.21 -13.75 | 53.73 3.99 -11.05 | 43.83 2.83 -8.15 | 40.53 2.54 -6.56 | 33.08 2.21 -1.71 | 39.92 2.82 -8.93 |
| PPL_SHRM_GT4 24214 | 26.49 1.62 0.00 | 24.84 1.52 0.00 | 23.61 1.57 0.00 | 23.66 1.51 0.00 | 24.18 1.64 0.00 | 27.53 1.87 0.00 | 31.96 2.19 -0.17 | 37.54 2.59 -1.78 | 37.56 2.62 -2.59 | 41.03 3.27 -4.69 | 38.56 2.39 -5.11 | 39.12 2.39 -6.49 | 39.72 2.60 -7.58 | 38.27 2.50 -6.69 | 39.80 2.32 -8.47 | 41.52 2.65 -8.11 | 50.79 3.95 -9.56 | 69.46 4.73 -18.84 | 59.25 4.21 -13.75 | 53.73 3.99 -11.05 | 43.83 2.83 -8.15 | 40.53 2.54 -6.56 | 33.08 2.21 -1.71 | 39.92 2.82 -8.93 |
| PROJECT___ORANGE 1 24174 | 24.53 -0.35 0.00 | 23.02 -0.30 0.00 | 21.76 -0.29 0.00 | 21.85 -0.31 0.00 | 22.22 -0.32 0.00 | 25.38 -0.28 0.00 | 29.24 -0.36 0.00 | 32.68 -0.50 -0.01 | 31.62 -0.74 0.00 | 30.19 -0.73 2.14 | 30.69 -0.37 0.00 | 29.88 -0.36 0.00 | 29.22 -0.32 0.00 | 28.81 -0.26 0.00 | 28.75 -0.26 0.00 | 30.46 -0.31 0.00 | 37.17 -0.11 -0.01 | 45.76 -0.14 -0.01 | 41.17 -0.12 -0.01 | 38.59 -0.12 -0.01 | 32.55 -0.30 0.00 | 31.05 -0.38 0.00 | 28.81 -0.35 0.00 | 27.92 -0.25 0.00 |
| PROJECT___ORANGE 2 24166 | 24.53 -0.35 0.00 | 23.02 -0.30 0.00 | 21.76 -0.29 0.00 | 21.85 -0.31 0.00 | 22.22 -0.32 0.00 | 25.38 -0.28 0.00 | 29.24 -0.36 0.00 | 32.68 -0.50 -0.01 | 31.62 -0.74 0.00 | 30.19 -0.73 2.14 | 30.69 -0.37 0.00 | 29.88 -0.36 0.00 | 29.22 -0.32 0.00 | 28.81 -0.26 0.00 | 28.75 -0.26 0.00 | 30.46 -0.31 0.00 | 37.17 -0.11 -0.01 | 45.76 -0.14 -0.01 | 41.17 -0.12 -0.01 | 38.59 -0.12 -0.01 | 32.55 -0.30 0.00 | 31.05 -0.38 0.00 | 28.81 -0.35 0.00 | 27.92 -0.25 0.00 |
| PUCKETT___SOLAR 323809 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.62 0.57 0.00 | 22.69 0.53 0.00 | 23.10 0.56 0.00 | 26.43 0.77 0.00 | 30.63 1.04 0.00 | 34.45 1.26 -0.02 | 33.43 1.07 -0.01 | 31.00 0.73 2.79 | 32.08 1.02 0.00 | 31.21 0.97 0.00 | 30.49 0.95 0.00 | 30.03 0.96 0.00 | 30.00 0.99 0.00 | 31.94 1.17 0.00 | 38.97 1.68 -0.02 | 47.98 2.07 -0.02 | 43.45 2.15 -0.02 | 40.72 2.01 -0.02 | 34.33 1.48 0.00 | 32.65 1.22 0.00 | 30.21 1.05 0.00 | 29.19 1.01 0.00 |
| PYRITES___HYD 24023 | 25.75 0.87 0.00 | 24.12 0.79 0.00 | 22.78 0.73 0.00 | 22.95 0.80 0.00 | 23.30 0.77 0.00 | 26.38 0.72 0.00 | 30.33 0.74 0.00 | 33.74 0.56 0.00 | 32.94 0.58 0.00 | 33.18 0.46 0.35 | 31.49 0.43 0.00 | 30.78 0.54 0.00 | 30.07 0.53 0.00 | 29.48 0.41 0.00 | 29.41 0.41 0.00 | 31.29 0.52 0.00 | 37.05 -0.22 0.00 | 45.94 -0.32 -0.37 | 41.08 -0.21 0.00 | 38.54 -0.15 0.00 | 33.31 0.46 0.00 | 32.21 0.79 0.00 | 30.06 0.90 0.00 | 29.05 0.87 0.00 |
| QUAKERRD_115KV_BK1 80622 | 23.56 -1.32 0.00 | 22.23 -1.10 0.00 | 20.99 -1.06 0.00 | 21.03 -1.13 0.00 | 21.34 -1.19 0.00 | 24.40 -1.26 0.00 | 28.20 -1.39 0.00 | 31.21 -1.92 0.04 | 30.36 -1.97 0.02 | 28.99 -1.82 2.25 | 29.38 -1.68 0.00 | 28.64 -1.60 0.00 | 28.00 -1.54 0.00 | 27.59 -1.48 0.00 | 27.53 -1.48 0.00 | 29.20 -1.57 0.00 | 35.52 -1.71 0.04 | 43.79 -2.07 0.04 | 39.43 -1.82 0.04 | 36.88 -1.78 0.04 | 31.24 -1.61 0.00 | 29.76 -1.67 0.00 | 27.64 -1.52 0.00 | 26.91 -1.27 0.00 |
| QUENSBRY_115KV_TB8 356137 | 25.97 1.09 0.00 | 24.35 1.03 0.00 | 23.02 0.97 0.00 | 23.18 1.02 0.00 | 23.62 1.08 0.00 | 26.92 1.26 0.00 | 31.31 1.72 0.00 | 35.46 2.29 0.00 | 34.65 2.30 0.00 | 35.09 2.45 0.41 | 33.27 2.21 0.00 | 32.36 2.12 0.00 | 31.58 2.04 0.00 | 31.11 2.04 0.00 | 31.10 2.09 0.00 | 32.25 1.48 0.00 | 39.51 2.24 0.00 | 48.97 3.07 0.00 | 43.80 2.52 0.00 | 40.98 2.28 0.00 | 34.52 1.68 0.00 | 32.84 1.41 0.00 | 30.21 1.05 0.00 | 29.81 1.63 0.00 |
| RAMAPO___LBMP 323565 | 25.45 0.57 0.00 | 23.81 0.49 0.00 | 22.53 0.49 0.00 | 22.64 0.49 0.00 | 23.05 0.52 0.00 | 26.22 0.56 0.00 | 30.54 0.95 0.00 | 34.66 1.49 0.00 | 33.84 1.49 0.00 | 34.01 1.52 0.57 | 32.43 1.37 0.00 | 31.60 1.36 0.00 | 30.90 1.36 0.00 | 30.44 1.37 0.00 | 30.37 1.36 0.00 | 32.22 1.45 0.00 | 39.66 2.39 0.00 | 49.02 3.12 0.00 | 44.01 2.72 0.00 | 41.21 2.52 0.00 | 34.39 1.54 0.00 | 32.84 1.41 0.00 | 30.47 1.31 0.00 | 29.22 1.04 0.00 |
| RANKINE____ 23646 | 24.03 -0.85 0.00 | 22.86 -0.47 0.00 | 21.58 -0.46 0.00 | 21.54 -0.62 0.00 | 21.70 -0.83 0.00 | 24.79 -0.87 0.00 | 28.56 -1.04 0.00 | 30.97 -2.19 0.01 | 30.18 -2.17 0.01 | 27.86 -2.98 2.23 | 28.95 -2.11 0.00 | 28.30 -1.94 0.00 | 27.62 -1.92 0.00 | 27.18 -1.89 0.00 | 27.12 -1.89 0.00 | 28.71 -2.06 0.00 | 34.43 -2.83 0.01 | 41.93 -3.95 0.01 | 38.51 -2.77 0.01 | 36.40 -2.28 0.01 | 31.11 -1.74 0.00 | 29.64 -1.79 0.00 | 27.67 -1.49 0.00 | 27.27 -0.90 0.00 |
| RAVENSWOOD_GT2_1 24244 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.74 1.68 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.52 1.75 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.13 1.70 0.00 | 30.70 1.55 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD_GT2_2 24245 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.74 1.68 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.52 1.75 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.13 1.70 0.00 | 30.70 1.55 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD_GT2_3 24246 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.69 0.64 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.74 1.68 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.55 1.78 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.51 3.22 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.16 1.73 0.00 | 30.73 1.57 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD_GT2_4 24247 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.69 0.64 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.74 1.68 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.55 1.78 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.51 3.22 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.16 1.73 0.00 | 30.73 1.57 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD_GT3_1 24248 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.74 1.68 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.52 1.75 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.13 1.70 0.00 | 30.70 1.55 0.00 | 29.47 1.30 0.00 |

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| RAVENSWOOD_GT3_2 24249 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.74 1.68 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.52 1.75 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.13 1.70 0.00 | 30.70 1.55 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD_GT3_3 24250 | 25.62 0.75 0.00 | 23.98 0.65 0.00 | 22.69 0.64 0.00 | 22.80 0.64 0.00 | 23.21 0.68 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.20 1.84 0.00 | 34.43 1.92 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.25 1.71 0.00 | 30.79 1.72 0.00 | 30.72 1.71 0.00 | 32.58 1.82 0.00 | 40.18 2.91 0.00 | 49.61 3.72 0.00 | 44.55 3.26 0.00 | 41.71 3.02 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.76 1.60 0.00 | 29.50 1.32 0.00 |
| RAVENSWOOD_GT3_4 24251 | 25.62 0.75 0.00 | 23.98 0.65 0.00 | 22.69 0.64 0.00 | 22.80 0.64 0.00 | 23.21 0.68 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.20 1.84 0.00 | 34.43 1.92 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.25 1.71 0.00 | 30.79 1.72 0.00 | 30.72 1.71 0.00 | 32.58 1.82 0.00 | 40.18 2.91 0.00 | 49.61 3.72 0.00 | 44.55 3.26 0.00 | 41.71 3.02 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.76 1.60 0.00 | 29.50 1.32 0.00 |
| RAVENSWOOD_GT_1 23729 | 25.65 0.77 0.00 | 24.02 0.70 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.26 0.72 0.00 | 26.30 0.64 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.71 1.65 0.00 | 31.87 1.63 0.00 | 31.19 1.65 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.18 2.91 0.00 | 49.61 3.72 0.00 | 44.51 3.22 0.00 | 41.71 3.02 0.00 | 34.69 1.84 0.00 | 33.13 1.70 0.00 | 30.73 1.57 0.00 | 29.56 1.38 0.00 |
| RAVENSWOOD_GT_10 24258 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.74 1.68 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.52 1.75 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.13 1.70 0.00 | 30.70 1.55 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD_GT_11 24259 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.74 1.68 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.52 1.75 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.13 1.70 0.00 | 30.70 1.55 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD_GT_4 24252 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.55 1.78 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.16 1.73 0.00 | 30.73 1.57 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD_GT_5 24254 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.55 1.78 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.16 1.73 0.00 | 30.73 1.57 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD_GT_6 24253 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.55 1.78 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.16 1.73 0.00 | 30.73 1.57 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD_GT_7 24255 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.55 1.78 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.16 1.73 0.00 | 30.73 1.57 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.74 1.68 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.52 1.75 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.13 1.70 0.00 | 30.70 1.55 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD_GT_9 24257 | 25.60 0.72 0.00 | 23.95 0.63 0.00 | 22.67 0.62 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 34.96 1.79 0.00 | 34.17 1.81 0.00 | 34.39 1.88 0.55 | 32.74 1.68 0.00 | 31.90 1.66 0.00 | 31.22 1.68 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.52 1.75 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.13 1.70 0.00 | 30.70 1.55 0.00 | 29.47 1.30 0.00 |
| RAVENSWOOD___1 23533 | 25.55 0.67 0.00 | 24.02 0.70 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.30 0.64 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.23 1.88 0.00 | 34.05 1.92 0.93 | 32.74 1.68 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.26 2.98 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.70 1.54 0.00 | 29.58 1.41 0.00 |
| RAVENSWOOD___2 23534 | 25.55 0.67 0.00 | 24.00 0.68 0.00 | 22.73 0.68 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.30 0.64 0.00 | 30.75 1.15 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.26 2.98 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.70 1.54 0.00 | 29.58 1.41 0.00 |
| RAVENSWOOD___3 23535 | 25.50 0.62 0.00 | 23.95 0.63 0.00 | 22.66 0.62 0.00 | 22.78 0.62 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.19 0.00 | 35.00 1.82 0.00 | 34.23 1.88 0.00 | 34.05 1.92 0.93 | 32.77 1.71 0.00 | 31.96 1.72 0.00 | 31.25 1.71 0.00 | 30.79 1.71 0.00 | 30.69 1.68 0.00 | 32.71 1.94 0.00 | 40.22 2.94 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.72 1.87 0.00 | 33.09 1.66 0.00 | 30.70 1.54 0.00 | 29.53 1.35 0.00 |

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| RAVENSWOOD___4 23820 | 25.52 0.65 0.00 | 24.00 0.68 0.00 | 22.71 0.66 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.61 0.00 | 30.72 1.12 0.00 | 34.96 1.79 0.00 | 34.20 1.84 0.00 | 34.05 1.92 0.93 | 32.71 1.65 0.00 | 31.93 1.69 0.00 | 31.22 1.68 0.00 | 30.73 1.66 0.00 | 30.66 1.65 0.00 | 32.71 1.94 0.00 | 40.26 2.98 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.06 1.63 0.00 | 30.70 1.54 0.00 | 29.56 1.38 0.00 |
| RCPI_TRUST___DRP 24196 | 25.57 0.70 0.00 | 23.93 0.61 0.00 | 22.67 0.62 0.00 | 22.76 0.60 0.00 | 23.19 0.65 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 35.00 1.82 0.00 | 34.20 1.84 0.00 | 34.43 1.92 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.25 1.71 0.00 | 30.79 1.72 0.00 | 30.69 1.68 0.00 | 32.55 1.78 0.00 | 40.18 2.91 0.00 | 49.57 3.67 0.00 | 44.51 3.22 0.00 | 41.71 3.02 0.00 | 34.72 1.87 0.00 | 33.16 1.73 0.00 | 30.73 1.57 0.00 | 29.47 1.30 0.00 |
| RED___ROCHESTER 323720 | 24.45 -0.42 0.00 | 22.79 -0.54 0.00 | 21.54 -0.51 0.00 | 21.54 -0.62 0.00 | 21.84 -0.70 0.00 | 24.99 -0.67 0.00 | 28.88 -0.71 0.00 | 31.89 -1.26 0.02 | 31.08 -1.26 0.01 | 28.14 -1.12 3.80 | 30.10 -0.96 0.00 | 29.27 -0.97 0.00 | 28.62 -0.92 0.00 | 28.23 -0.84 0.00 | 28.17 -0.84 0.00 | 29.85 -0.92 0.00 | 36.32 -0.93 0.02 | 44.77 -1.10 0.02 | 40.39 -0.87 0.02 | 37.74 -0.93 0.02 | 31.96 -0.89 0.00 | 30.39 -1.04 0.00 | 28.25 -0.90 0.00 | 27.53 -0.65 0.00 |
| REGAN___SOLAR 323812 | 26.74 1.87 0.00 | 25.19 1.87 0.00 | 23.79 1.74 0.00 | 23.89 1.73 0.00 | 24.31 1.78 0.00 | 27.84 2.18 0.00 | 32.50 2.90 0.00 | 36.56 3.39 0.00 | 35.49 3.14 0.00 | 35.24 3.08 0.90 | 33.86 2.80 0.00 | 32.93 2.69 0.00 | 32.23 2.69 0.00 | 31.72 2.65 0.00 | 31.79 2.79 0.00 | 34.15 3.38 0.00 | 42.12 4.84 0.00 | 52.27 6.38 0.00 | 46.73 5.45 0.00 | 43.84 5.15 0.00 | 37.09 4.24 0.00 | 35.20 3.77 0.00 | 32.22 3.06 0.00 | 31.02 2.84 0.00 |
| RENSSELAER___COGEN 23796 | 25.08 0.20 0.00 | 23.58 0.26 0.00 | 22.33 0.29 0.00 | 22.44 0.29 0.00 | 22.83 0.29 0.00 | 25.79 0.13 0.00 | 29.77 0.18 0.00 | 33.67 0.50 0.00 | 32.87 0.52 0.00 | 32.97 0.63 0.72 | 31.62 0.56 0.00 | 30.75 0.51 0.00 | 30.04 0.50 0.00 | 29.57 0.49 0.00 | 29.50 0.49 0.00 | 31.38 0.62 0.00 | 38.36 1.08 0.00 | 47.23 1.33 0.00 | 42.40 1.12 0.00 | 39.74 1.05 0.00 | 33.44 0.59 0.00 | 31.93 0.50 0.00 | 29.54 0.38 0.00 | 28.43 0.25 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 26.79 1.92 0.00 | 25.17 1.84 0.00 | 23.79 1.74 0.00 | 23.97 1.82 0.00 | 24.45 1.92 0.00 | 27.89 2.23 0.00 | 32.58 2.99 0.00 | 37.05 3.88 0.00 | 36.21 3.85 0.00 | 36.65 4.00 0.41 | 34.76 3.70 0.00 | 33.72 3.48 0.00 | 32.88 3.34 0.00 | 32.45 3.37 0.00 | 32.49 3.48 0.00 | 33.82 3.05 0.00 | 41.53 4.25 0.00 | 51.59 5.69 0.00 | 46.07 4.79 0.00 | 43.11 4.41 0.00 | 36.33 3.48 0.00 | 34.41 2.99 0.00 | 31.55 2.39 0.00 | 31.05 2.87 0.00 |
| REVERE_CPFR_DRP 24186 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.64 0.60 0.00 | 22.78 0.62 0.00 | 23.17 0.63 0.00 | 26.48 0.82 0.00 | 30.60 1.01 0.00 | 34.40 1.23 0.00 | 33.59 1.23 0.00 | 33.15 1.16 1.07 | 32.18 1.12 0.00 | 31.33 1.09 0.00 | 30.60 1.06 0.00 | 30.15 1.08 0.00 | 30.11 1.10 0.00 | 32.09 1.32 0.00 | 39.10 1.83 0.00 | 48.19 2.29 0.00 | 43.39 2.11 0.00 | 40.75 2.05 0.00 | 34.46 1.61 0.00 | 32.94 1.51 0.00 | 30.44 1.28 0.00 | 29.39 1.21 0.00 |
| REYNOLDS_115KV_TB3 80639 | 25.25 0.37 0.00 | 23.65 0.33 0.00 | 22.38 0.33 0.00 | 22.51 0.35 0.00 | 22.89 0.36 0.00 | 25.94 0.28 0.00 | 29.95 0.36 0.00 | 33.90 0.73 0.00 | 33.10 0.74 0.00 | 33.53 0.89 0.43 | 31.90 0.84 0.00 | 31.03 0.79 0.00 | 30.28 0.74 0.00 | 29.83 0.76 0.00 | 29.73 0.73 0.00 | 31.54 0.77 0.00 | 38.58 1.30 0.00 | 47.55 1.65 0.00 | 42.69 1.40 0.00 | 40.01 1.32 0.00 | 33.67 0.82 0.00 | 32.15 0.72 0.00 | 29.74 0.58 0.00 | 28.60 0.42 0.00 |
| RIVERBAY____ 323610 | 26.00 1.12 0.00 | 24.40 1.07 0.00 | 23.06 1.01 0.00 | 23.15 1.00 0.00 | 23.57 1.04 0.00 | 26.53 0.87 0.00 | 30.96 1.36 0.00 | 35.20 2.02 0.00 | 34.39 2.04 0.00 | 34.56 2.05 0.55 | 32.83 1.77 0.00 | 31.99 1.75 0.00 | 31.31 1.77 0.00 | 30.88 1.80 0.00 | 30.84 1.83 0.00 | 32.71 1.94 0.00 | 40.44 3.17 0.00 | 49.89 3.99 0.00 | 44.71 3.43 0.00 | 41.95 3.25 0.00 | 34.82 1.97 0.00 | 33.28 1.85 0.00 | 30.94 1.78 0.00 | 29.87 1.69 0.00 |
| RIVERSDE_115KV_TB3 55908 | 25.20 0.32 0.00 | 23.63 0.30 0.00 | 22.38 0.33 0.00 | 22.51 0.35 0.00 | 22.89 0.36 0.00 | 25.87 0.21 0.00 | 29.89 0.30 0.00 | 33.84 0.66 0.00 | 33.04 0.68 0.00 | 33.43 0.79 0.43 | 31.77 0.71 0.00 | 30.94 0.70 0.00 | 30.19 0.65 0.00 | 29.74 0.67 0.00 | 29.65 0.64 0.00 | 31.45 0.68 0.00 | 38.47 1.19 0.00 | 47.46 1.56 0.00 | 42.61 1.32 0.00 | 39.93 1.24 0.00 | 33.57 0.72 0.00 | 32.06 0.63 0.00 | 29.65 0.50 0.00 | 28.51 0.34 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 24.95 0.07 0.00 | 23.37 0.05 0.00 | 22.09 0.04 0.00 | 22.20 0.04 0.00 | 22.58 0.05 0.00 | 25.66 0.00 0.00 | 29.54 -0.06 0.00 | 32.94 -0.23 0.00 | 32.06 -0.29 0.00 | 32.41 -0.43 0.22 | 30.47 -0.59 0.00 | 29.60 -0.64 0.00 | 28.86 -0.68 0.00 | 28.37 -0.70 0.00 | 28.34 -0.67 0.00 | 30.06 -0.71 0.00 | 36.35 -0.93 0.00 | 44.79 -1.10 0.00 | 40.29 -0.99 0.00 | 37.77 -0.93 0.00 | 32.22 -0.63 0.00 | 30.93 -0.50 0.00 | 28.75 -0.41 0.00 | 27.84 -0.34 0.00 |
| ROCHESRG_115KV_T4 355643 | 23.91 -0.97 0.00 | 22.60 -0.72 0.00 | 21.36 -0.68 0.00 | 21.36 -0.80 0.00 | 21.66 -0.88 0.00 | 24.76 -0.90 0.00 | 28.62 -0.98 0.00 | 31.53 -1.63 0.02 | 30.69 -1.65 0.01 | 29.29 -1.52 2.25 | 29.63 -1.43 0.00 | 28.91 -1.33 0.00 | 28.24 -1.30 0.00 | 27.82 -1.25 0.00 | 27.76 -1.25 0.00 | 29.42 -1.35 0.00 | 35.80 -1.45 0.02 | 44.08 -1.79 0.02 | 39.78 -1.49 0.02 | 37.20 -1.47 0.02 | 31.57 -1.28 0.00 | 30.05 -1.38 0.00 | 27.93 -1.22 0.00 | 27.27 -0.90 0.00 |
| ROCHESTER_9_IC 23652 | 24.03 -0.85 0.00 | 22.72 -0.61 0.00 | 21.45 -0.60 0.00 | 21.47 -0.69 0.00 | 21.77 -0.77 0.00 | 24.89 -0.77 0.00 | 28.77 -0.83 0.00 | 31.72 -1.43 0.02 | 30.89 -1.46 0.01 | 29.52 -1.29 2.25 | 29.88 -1.18 0.00 | 29.12 -1.12 0.00 | 28.45 -1.09 0.00 | 28.06 -1.02 0.00 | 27.96 -1.04 0.00 | 29.66 -1.11 0.00 | 36.06 -1.19 0.02 | 44.45 -1.42 0.02 | 40.11 -1.16 0.02 | 37.51 -1.16 0.02 | 31.80 -1.05 0.00 | 30.27 -1.16 0.00 | 28.14 -1.02 0.00 | 27.44 -0.73 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 25.67 0.80 0.00 | 24.02 0.70 0.00 | 22.73 0.68 0.00 | 22.84 0.69 0.00 | 23.26 0.72 0.00 | 26.43 0.77 0.00 | 30.90 1.30 0.00 | 35.10 1.92 0.00 | 34.30 1.94 0.00 | 34.53 2.02 0.55 | 32.89 1.83 0.00 | 32.02 1.78 0.00 | 31.34 1.80 0.00 | 30.85 1.77 0.00 | 30.78 1.77 0.00 | 32.65 1.88 0.00 | 40.26 2.98 0.00 | 49.70 3.81 0.00 | 44.63 3.34 0.00 | 41.83 3.13 0.00 | 34.85 2.00 0.00 | 33.25 1.82 0.00 | 30.79 1.63 0.00 | 29.56 1.38 0.00 |
| ROME____115KV_TB2 80656 | 25.57 0.70 0.00 | 23.95 0.63 0.00 | 22.64 0.60 0.00 | 22.78 0.62 0.00 | 23.17 0.63 0.00 | 26.48 0.82 0.00 | 30.60 1.01 0.00 | 34.40 1.23 0.00 | 33.59 1.23 0.00 | 33.15 1.16 1.07 | 32.18 1.12 0.00 | 31.33 1.09 0.00 | 30.60 1.06 0.00 | 30.15 1.08 0.00 | 30.11 1.10 0.00 | 32.09 1.32 0.00 | 39.10 1.83 0.00 | 48.19 2.29 0.00 | 43.39 2.11 0.00 | 40.75 2.05 0.00 | 34.46 1.61 0.00 | 32.94 1.51 0.00 | 30.44 1.28 0.00 | 29.39 1.21 0.00 |

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| ROSETON___1 23587 | 25.37 0.50 0.00 | 23.84 0.51 0.00 | 22.56 0.51 0.00 | 22.67 0.51 0.00 | 23.05 0.52 0.00 | 26.22 0.56 0.00 | 30.51 0.92 0.00 | 34.60 1.43 0.00 | 33.81 1.46 0.00 | 33.64 1.52 0.94 | 32.43 1.37 0.00 | 31.60 1.36 0.00 | 30.90 1.36 0.00 | 30.44 1.37 0.00 | 30.34 1.34 0.00 | 32.31 1.54 0.00 | 39.66 2.39 0.00 | 48.83 2.94 0.00 | 43.85 2.56 0.00 | 41.10 2.40 0.00 | 34.36 1.51 0.00 | 32.75 1.32 0.00 | 30.38 1.22 0.00 | 29.25 1.07 0.00 |
| ROSETON___2 23588 | 25.37 0.50 0.00 | 23.84 0.51 0.00 | 22.56 0.51 0.00 | 22.67 0.51 0.00 | 23.05 0.52 0.00 | 26.22 0.56 0.00 | 30.51 0.92 0.00 | 34.60 1.43 0.00 | 33.81 1.46 0.00 | 33.64 1.52 0.94 | 32.43 1.37 0.00 | 31.60 1.36 0.00 | 30.90 1.36 0.00 | 30.44 1.37 0.00 | 30.34 1.34 0.00 | 32.31 1.54 0.00 | 39.66 2.39 0.00 | 48.83 2.94 0.00 | 43.85 2.56 0.00 | 41.10 2.40 0.00 | 34.36 1.51 0.00 | 32.75 1.32 0.00 | 30.38 1.22 0.00 | 29.25 1.07 0.00 |
| ROTTTRDAM_115KV_TB3 80664 | 25.42 0.55 0.00 | 23.81 0.49 0.00 | 22.53 0.49 0.00 | 22.64 0.49 0.00 | 23.05 0.52 0.00 | 26.25 0.59 0.00 | 30.36 0.77 0.00 | 34.27 1.09 0.00 | 33.46 1.10 0.00 | 33.81 1.16 0.41 | 32.05 0.99 0.00 | 31.21 0.97 0.00 | 30.46 0.92 0.00 | 30.00 0.93 0.00 | 29.94 0.93 0.00 | 31.69 0.92 0.00 | 38.73 1.45 0.00 | 47.78 1.88 0.00 | 42.94 1.65 0.00 | 40.21 1.51 0.00 | 33.90 1.05 0.00 | 32.34 0.91 0.00 | 29.94 0.79 0.00 | 28.91 0.73 0.00 |
| RUSSELL___1 23602 | 24.13 -0.75 0.00 | 22.79 -0.54 0.00 | 21.54 -0.51 0.00 | 21.54 -0.62 0.00 | 21.84 -0.70 0.00 | 24.99 -0.67 0.00 | 28.91 -0.68 0.00 | 31.89 -1.26 0.02 | 31.08 -1.26 0.01 | 29.69 -1.12 2.25 | 30.04 -1.02 0.00 | 29.27 -0.97 0.00 | 28.62 -0.92 0.00 | 28.20 -0.87 0.00 | 28.14 -0.87 0.00 | 29.82 -0.95 0.00 | 36.28 -0.97 0.02 | 44.77 -1.10 0.02 | 40.35 -0.91 0.02 | 37.75 -0.93 0.02 | 31.99 -0.85 0.00 | 30.42 -1.01 0.00 | 28.28 -0.87 0.00 | 27.58 -0.59 0.00 |
| RUSSELL___2 23532 | 24.13 -0.75 0.00 | 22.79 -0.54 0.00 | 21.54 -0.51 0.00 | 21.54 -0.62 0.00 | 21.84 -0.70 0.00 | 24.99 -0.67 0.00 | 28.91 -0.68 0.00 | 31.89 -1.26 0.02 | 31.08 -1.26 0.01 | 29.69 -1.12 2.25 | 30.04 -1.02 0.00 | 29.27 -0.97 0.00 | 28.62 -0.92 0.00 | 28.20 -0.87 0.00 | 28.14 -0.87 0.00 | 29.82 -0.95 0.00 | 36.28 -0.97 0.02 | 44.77 -1.10 0.02 | 40.35 -0.91 0.02 | 37.75 -0.93 0.02 | 31.99 -0.85 0.00 | 30.42 -1.01 0.00 | 28.28 -0.87 0.00 | 27.58 -0.59 0.00 |
| RUSSELL___3 23549 | 24.13 -0.75 0.00 | 22.79 -0.54 0.00 | 21.54 -0.51 0.00 | 21.54 -0.62 0.00 | 21.84 -0.70 0.00 | 24.99 -0.67 0.00 | 28.91 -0.68 0.00 | 31.89 -1.26 0.02 | 31.08 -1.26 0.01 | 29.69 -1.12 2.25 | 30.04 -1.02 0.00 | 29.27 -0.97 0.00 | 28.62 -0.92 0.00 | 28.20 -0.87 0.00 | 28.14 -0.87 0.00 | 29.82 -0.95 0.00 | 36.28 -0.97 0.02 | 44.77 -1.10 0.02 | 40.35 -0.91 0.02 | 37.75 -0.93 0.02 | 31.99 -0.85 0.00 | 30.42 -1.01 0.00 | 28.28 -0.87 0.00 | 27.58 -0.59 0.00 |
| RUSSELL___4 23556 | 24.13 -0.75 0.00 | 22.79 -0.54 0.00 | 21.54 -0.51 0.00 | 21.54 -0.62 0.00 | 21.84 -0.70 0.00 | 24.99 -0.67 0.00 | 28.91 -0.68 0.00 | 31.89 -1.26 0.02 | 31.08 -1.26 0.01 | 29.69 -1.12 2.25 | 30.04 -1.02 0.00 | 29.27 -0.97 0.00 | 28.62 -0.92 0.00 | 28.20 -0.87 0.00 | 28.14 -0.87 0.00 | 29.82 -0.95 0.00 | 36.28 -0.97 0.02 | 44.77 -1.10 0.02 | 40.35 -0.91 0.02 | 37.75 -0.93 0.02 | 31.99 -0.85 0.00 | 30.42 -1.01 0.00 | 28.28 -0.87 0.00 | 27.58 -0.59 0.00 |
| RUSSELL___STATION 23914 | 24.13 -0.75 0.00 | 22.79 -0.54 0.00 | 21.54 -0.51 0.00 | 21.54 -0.62 0.00 | 21.84 -0.70 0.00 | 24.99 -0.67 0.00 | 28.91 -0.68 0.00 | 31.89 -1.26 0.02 | 31.08 -1.26 0.01 | 29.69 -1.12 2.25 | 30.04 -1.02 0.00 | 29.27 -0.97 0.00 | 28.62 -0.92 0.00 | 28.20 -0.87 0.00 | 28.14 -0.87 0.00 | 29.82 -0.95 0.00 | 36.28 -0.97 0.02 | 44.77 -1.10 0.02 | 40.35 -0.91 0.02 | 37.75 -0.93 0.02 | 31.99 -0.85 0.00 | 30.42 -1.01 0.00 | 28.28 -0.87 0.00 | 27.58 -0.59 0.00 |
| S SALMON___HYD 24043 | 24.31 -0.57 0.00 | 22.74 -0.58 0.00 | 21.50 -0.55 0.00 | 21.58 -0.58 0.00 | 21.97 -0.56 0.00 | 25.07 -0.59 0.00 | 28.92 -0.68 0.00 | 32.35 -0.83 -0.01 | 31.32 -1.04 0.00 | 28.68 -1.06 3.33 | 30.28 -0.78 0.00 | 29.45 -0.79 0.00 | 28.77 -0.77 0.00 | 28.37 -0.70 0.00 | 28.34 -0.67 0.00 | 30.15 -0.62 0.00 | 36.80 -0.49 -0.01 | 45.40 -0.50 -0.01 | 40.84 -0.45 -0.01 | 38.28 -0.42 -0.01 | 32.36 -0.49 0.00 | 30.86 -0.56 0.00 | 28.54 -0.61 0.00 | 27.61 -0.56 0.00 |
| S.PERRY___115KV_TB1 80734 | 25.47 0.60 0.00 | 24.00 0.68 0.00 | 22.62 0.57 0.00 | 22.60 0.44 0.00 | 22.94 0.41 0.00 | 26.33 0.67 0.00 | 30.60 1.01 0.00 | 34.12 0.93 -0.02 | 33.01 0.65 -0.01 | 31.12 0.13 2.07 | 31.56 0.50 0.00 | 30.72 0.48 0.00 | 30.01 0.47 0.00 | 29.60 0.52 0.00 | 29.65 0.64 0.00 | 31.54 0.77 0.00 | 38.71 1.42 -0.02 | 47.84 1.93 -0.02 | 43.25 1.94 -0.02 | 40.57 1.86 -0.02 | 34.33 1.48 0.00 | 32.65 1.23 0.00 | 30.18 1.02 0.00 | 29.30 1.13 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 23.66 -1.22 0.00 | 22.53 -0.79 0.00 | 21.30 -0.75 0.00 | 21.23 -0.93 0.00 | 21.41 -1.13 0.00 | 24.45 -1.21 0.00 | 28.14 -1.45 0.00 | 30.54 -2.62 0.01 | 29.79 -2.56 0.01 | 27.78 -3.04 2.24 | 28.61 -2.45 0.00 | 27.94 -2.30 0.00 | 27.30 -2.25 0.00 | 26.86 -2.21 0.00 | 26.77 -2.23 0.00 | 28.37 -2.40 0.00 | 34.13 -3.13 0.01 | 41.66 -4.22 0.01 | 38.09 -3.18 0.01 | 35.90 -2.79 0.01 | 30.65 -2.20 0.00 | 29.20 -2.23 0.00 | 27.29 -1.87 0.00 | 26.88 -1.30 0.00 |
| SAWYER___23_KV_LOAD 55526 | 23.66 -1.22 0.00 | 22.53 -0.79 0.00 | 21.30 -0.75 0.00 | 21.23 -0.93 0.00 | 21.41 -1.13 0.00 | 24.45 -1.21 0.00 | 28.14 -1.45 0.00 | 30.54 -2.62 0.01 | 29.79 -2.56 0.01 | 27.78 -3.04 2.24 | 28.61 -2.45 0.00 | 27.94 -2.30 0.00 | 27.30 -2.25 0.00 | 26.86 -2.21 0.00 | 26.77 -2.23 0.00 | 28.37 -2.40 0.00 | 34.13 -3.13 0.01 | 41.66 -4.22 0.01 | 38.09 -3.18 0.01 | 35.90 -2.79 0.01 | 30.65 -2.20 0.00 | 29.20 -2.23 0.00 | 27.29 -1.87 0.00 | 26.88 -1.30 0.00 |
| SELKIRK___I 23801 | 25.33 0.45 0.00 | 23.81 0.49 0.00 | 22.53 0.48 0.00 | 22.64 0.49 0.00 | 23.05 0.52 0.00 | 26.10 0.44 0.00 | 30.13 0.53 0.00 | 34.00 0.83 0.00 | 33.20 0.84 0.00 | 33.25 0.92 0.74 | 31.87 0.81 0.00 | 31.02 0.78 0.00 | 30.31 0.77 0.00 | 29.83 0.75 0.00 | 29.76 0.75 0.00 | 31.66 0.89 0.00 | 38.66 1.38 0.00 | 47.54 1.65 0.00 | 42.73 1.44 0.00 | 40.05 1.35 0.00 | 33.77 0.92 0.00 | 32.24 0.82 0.00 | 29.83 0.67 0.00 | 28.77 0.59 0.00 |
| SELKIRK___II 23799 | 25.15 0.27 0.00 | 23.65 0.33 0.00 | 22.38 0.33 0.00 | 22.51 0.35 0.00 | 22.89 0.36 0.00 | 25.92 0.26 0.00 | 29.95 0.36 0.00 | 33.80 0.63 0.00 | 33.04 0.68 0.00 | 33.10 0.76 0.73 | 31.71 0.65 0.00 | 30.84 0.60 0.00 | 30.13 0.59 0.00 | 29.68 0.61 0.00 | 29.59 0.58 0.00 | 31.48 0.71 0.00 | 38.47 1.19 0.00 | 47.36 1.47 0.00 | 42.52 1.24 0.00 | 39.86 1.16 0.00 | 33.57 0.72 0.00 | 32.06 0.63 0.00 | 29.68 0.53 0.00 | 28.57 0.39 0.00 |
| SENECA OSWGO___HYD 24041 | 24.35 -0.52 0.00 | 22.81 -0.51 0.00 | 21.54 -0.51 0.00 | 21.63 -0.53 0.00 | 22.02 -0.52 0.00 | 25.12 -0.54 0.00 | 28.97 -0.62 0.00 | 32.42 -0.76 -0.01 | 31.36 -1.00 0.00 | 28.26 -0.99 3.81 | 30.41 -0.65 0.00 | 29.60 -0.64 0.00 | 28.95 -0.59 0.00 | 28.55 -0.52 0.00 | 28.49 -0.52 0.00 | 30.25 -0.52 0.00 | 36.87 -0.41 -0.01 | 45.40 -0.50 -0.01 | 40.88 -0.41 -0.01 | 38.28 -0.42 -0.01 | 32.29 -0.56 0.00 | 30.80 -0.63 0.00 | 28.52 -0.64 0.00 | 27.58 -0.59 0.00 |

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| SENECA___115KV_TB3 355854 | 24.08 -0.80 0.00 | 22.88 -0.44 0.00 | 21.63 -0.42 0.00 | 21.56 -0.60 0.00 | 21.75 -0.79 0.00 | 24.84 -0.82 0.00 | 28.62 -0.98 0.00 | 31.04 -2.12 0.01 | 30.25 -2.10 0.01 | 27.93 -2.91 2.23 | 29.01 -2.05 0.00 | 28.36 -1.87 0.00 | 27.68 -1.86 0.00 | 27.24 -1.83 0.00 | 27.18 -1.83 0.00 | 28.77 -2.00 0.00 | 34.50 -2.76 0.01 | 42.03 -3.86 0.01 | 38.59 -2.68 0.01 | 36.48 -2.21 0.01 | 31.17 -1.68 0.00 | 29.70 -1.73 0.00 | 27.73 -1.43 0.00 | 27.33 -0.85 0.00 |
| SENECA___ENERGY 23797 | 24.73 -0.15 0.00 | 23.11 -0.21 0.00 | 21.83 -0.22 0.00 | 21.89 -0.26 0.00 | 22.31 -0.23 0.00 | 25.51 -0.15 0.00 | 29.54 -0.06 0.00 | 33.20 -0.07 -0.09 | 32.50 0.10 -0.05 | 29.41 -0.03 3.62 | 31.34 0.28 0.00 | 30.45 0.21 0.00 | 29.75 0.21 0.00 | 29.33 0.26 0.00 | 29.27 0.26 0.00 | 31.11 0.34 0.00 | 38.08 0.71 -0.09 | 46.82 0.83 -0.09 | 42.29 0.91 -0.09 | 39.56 0.77 -0.09 | 33.37 0.52 0.00 | 31.74 0.31 0.00 | 29.33 0.18 0.00 | 28.40 0.22 0.00 |
| SHOEMAKER___GT 23640 | 25.30 0.42 0.00 | 23.77 0.44 0.00 | 22.47 0.42 0.00 | 22.58 0.42 0.00 | 22.98 0.45 0.00 | 26.15 0.49 0.00 | 30.39 0.80 0.00 | 34.40 1.23 0.00 | 33.59 1.23 0.00 | 33.25 1.19 1.00 | 32.15 1.09 0.00 | 31.33 1.09 0.00 | 30.63 1.09 0.00 | 30.18 1.10 0.00 | 30.11 1.10 0.00 | 32.06 1.29 0.00 | 39.36 2.09 0.00 | 48.51 2.61 0.00 | 43.60 2.31 0.00 | 40.86 2.17 0.00 | 34.20 1.35 0.00 | 32.59 1.16 0.00 | 30.24 1.08 0.00 | 29.10 0.93 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 25.38 0.50 0.00 | 23.74 0.42 0.00 | 22.47 0.42 0.00 | 22.58 0.42 0.00 | 22.99 0.45 0.00 | 26.15 0.49 0.00 | 30.36 0.77 0.00 | 34.37 1.19 0.00 | 33.55 1.20 0.00 | 33.66 1.19 0.59 | 32.15 1.09 0.00 | 31.30 1.06 0.00 | 30.60 1.06 0.00 | 30.15 1.08 0.00 | 30.11 1.10 0.00 | 31.94 1.17 0.00 | 39.29 2.01 0.00 | 48.51 2.62 0.00 | 43.60 2.31 0.00 | 40.86 2.17 0.00 | 34.16 1.31 0.00 | 32.62 1.19 0.00 | 30.24 1.08 0.00 | 29.08 0.90 0.00 |
| SHOREHAM_IC_1 23715 | 26.49 1.62 0.00 | 24.84 1.52 0.00 | 23.61 1.57 0.00 | 23.66 1.51 0.00 | 24.18 1.64 0.00 | 27.53 1.87 0.00 | 31.96 2.19 -0.17 | 37.54 2.59 -1.78 | 37.56 2.62 -2.59 | 41.03 3.27 -4.69 | 38.56 2.39 -5.11 | 39.12 2.39 -6.49 | 39.72 2.60 -7.58 | 38.27 2.50 -6.69 | 39.80 2.32 -8.47 | 41.52 2.65 -8.11 | 50.79 3.95 -9.56 | 69.46 4.73 -18.84 | 59.25 4.21 -13.75 | 53.73 3.99 -11.05 | 43.83 2.83 -8.15 | 40.53 2.54 -6.56 | 33.08 2.21 -1.71 | 39.92 2.82 -8.93 |
| SHOREHAM_IC_2 23716 | 26.49 1.62 0.00 | 24.84 1.52 0.00 | 23.61 1.57 0.00 | 23.66 1.51 0.00 | 24.18 1.64 0.00 | 27.53 1.87 0.00 | 31.96 2.19 -0.17 | 37.54 2.59 -1.78 | 37.56 2.62 -2.59 | 41.03 3.27 -4.69 | 38.56 2.39 -5.11 | 39.12 2.39 -6.49 | 39.72 2.60 -7.58 | 38.27 2.50 -6.69 | 39.80 2.32 -8.47 | 41.52 2.65 -8.11 | 50.79 3.95 -9.56 | 69.46 4.73 -18.84 | 59.25 4.21 -13.75 | 53.73 3.99 -11.05 | 43.83 2.83 -8.15 | 40.53 2.54 -6.56 | 33.08 2.21 -1.71 | 39.92 2.82 -8.93 |
| SISSONVILLE____ 23735 | 25.38 0.50 0.00 | 23.77 0.44 0.00 | 22.47 0.42 0.00 | 22.62 0.47 0.00 | 22.94 0.41 0.00 | 25.84 0.18 0.00 | 29.59 0.00 0.00 | 32.87 -0.30 0.00 | 32.07 -0.29 0.00 | 32.26 -0.43 0.38 | 30.66 -0.40 0.00 | 29.97 -0.27 0.00 | 29.24 -0.30 0.00 | 28.67 -0.41 0.00 | 28.63 -0.38 0.00 | 30.43 -0.34 0.00 | 36.01 -1.27 0.00 | 44.75 -1.56 -0.41 | 39.92 -1.36 0.00 | 37.46 -1.24 0.00 | 32.42 -0.43 0.00 | 31.49 0.06 0.00 | 29.45 0.29 0.00 | 28.49 0.31 0.00 |
| SITHE_IND_GS1 24169 | 24.16 -0.72 0.00 | 22.62 -0.70 0.00 | 21.36 -0.68 0.00 | 21.47 -0.69 0.00 | 21.81 -0.72 0.00 | 24.89 -0.77 0.00 | 28.65 -0.95 0.00 | 31.95 -1.23 0.00 | 30.93 -1.42 0.00 | 27.19 -1.42 4.45 | 29.88 -1.18 0.00 | 29.09 -1.15 0.00 | 28.45 -1.09 0.00 | 28.03 -1.05 0.00 | 27.97 -1.04 0.00 | 29.66 -1.11 0.00 | 36.08 -1.19 0.00 | 44.42 -1.47 0.00 | 39.96 -1.32 0.00 | 37.46 -1.24 0.00 | 31.67 -1.18 0.00 | 30.23 -1.19 0.00 | 28.05 -1.11 0.00 | 27.19 -0.99 0.00 |
| SITHE_IND_GS2 24170 | 24.16 -0.72 0.00 | 22.62 -0.70 0.00 | 21.36 -0.68 0.00 | 21.47 -0.69 0.00 | 21.81 -0.72 0.00 | 24.89 -0.77 0.00 | 28.65 -0.95 0.00 | 31.95 -1.23 0.00 | 30.93 -1.42 0.00 | 27.19 -1.42 4.45 | 29.88 -1.18 0.00 | 29.09 -1.15 0.00 | 28.45 -1.09 0.00 | 28.03 -1.05 0.00 | 27.97 -1.04 0.00 | 29.66 -1.11 0.00 | 36.08 -1.19 0.00 | 44.42 -1.47 0.00 | 39.96 -1.32 0.00 | 37.46 -1.24 0.00 | 31.67 -1.18 0.00 | 30.23 -1.19 0.00 | 28.05 -1.11 0.00 | 27.19 -0.99 0.00 |
| SITHE_IND_GS3 24171 | 24.16 -0.72 0.00 | 22.62 -0.70 0.00 | 21.36 -0.68 0.00 | 21.47 -0.69 0.00 | 21.81 -0.72 0.00 | 24.89 -0.77 0.00 | 28.65 -0.95 0.00 | 31.95 -1.23 0.00 | 30.93 -1.42 0.00 | 27.19 -1.42 4.45 | 29.88 -1.18 0.00 | 29.09 -1.15 0.00 | 28.45 -1.09 0.00 | 28.03 -1.05 0.00 | 27.97 -1.04 0.00 | 29.66 -1.11 0.00 | 36.08 -1.19 0.00 | 44.42 -1.47 0.00 | 39.96 -1.32 0.00 | 37.46 -1.24 0.00 | 31.67 -1.18 0.00 | 30.23 -1.19 0.00 | 28.05 -1.11 0.00 | 27.19 -0.99 0.00 |
| SITHE_IND_GS4 24172 | 24.16 -0.72 0.00 | 22.62 -0.70 0.00 | 21.36 -0.68 0.00 | 21.47 -0.69 0.00 | 21.81 -0.72 0.00 | 24.89 -0.77 0.00 | 28.65 -0.95 0.00 | 31.95 -1.23 0.00 | 30.93 -1.42 0.00 | 27.19 -1.42 4.45 | 29.88 -1.18 0.00 | 29.09 -1.15 0.00 | 28.45 -1.09 0.00 | 28.03 -1.05 0.00 | 27.97 -1.04 0.00 | 29.66 -1.11 0.00 | 36.08 -1.19 0.00 | 44.42 -1.47 0.00 | 39.96 -1.32 0.00 | 37.46 -1.24 0.00 | 31.67 -1.18 0.00 | 30.23 -1.19 0.00 | 28.05 -1.11 0.00 | 27.19 -0.99 0.00 |
| SITHE___BATAVIA 24024 | 24.51 -0.37 0.00 | 22.81 -0.51 0.00 | 21.54 -0.51 0.00 | 21.51 -0.64 0.00 | 21.77 -0.77 0.00 | 24.92 -0.74 0.00 | 28.80 -0.80 0.00 | 31.46 -1.69 0.02 | 30.73 -1.62 0.01 | 27.43 -1.85 3.78 | 29.57 -1.49 0.00 | 28.79 -1.45 0.00 | 28.12 -1.42 0.00 | 27.71 -1.37 0.00 | 27.67 -1.33 0.00 | 29.32 -1.45 0.00 | 35.54 -1.71 0.02 | 43.63 -2.25 0.02 | 39.78 -1.48 0.02 | 37.21 -1.47 0.02 | 31.57 -1.28 0.00 | 29.98 -1.45 0.00 | 27.99 -1.17 0.00 | 27.44 -0.73 0.00 |
| SITHE___INDEPEND 23800 | 24.08 -0.80 0.00 | 22.62 -0.70 0.00 | 21.36 -0.68 0.00 | 21.47 -0.69 0.00 | 21.81 -0.72 0.00 | 24.89 -0.77 0.00 | 28.65 -0.95 0.00 | 31.94 -1.23 0.00 | 30.90 -1.46 0.00 | 28.66 -1.42 2.98 | 29.88 -1.18 0.00 | 29.09 -1.15 0.00 | 28.45 -1.09 0.00 | 28.00 -1.08 0.00 | 27.94 -1.07 0.00 | 29.63 -1.14 0.00 | 36.05 -1.23 0.00 | 44.43 -1.47 0.00 | 39.96 -1.32 0.00 | 37.46 -1.24 0.00 | 31.67 -1.18 0.00 | 30.23 -1.19 0.00 | 28.08 -1.08 0.00 | 27.22 -0.96 0.00 |
| SITHE___MASSENA 23902 | 25.35 0.47 0.00 | 23.77 0.44 0.00 | 22.44 0.40 0.00 | 22.60 0.44 0.00 | 22.96 0.43 0.00 | 26.07 0.41 0.00 | 29.98 0.38 0.00 | 33.34 0.17 0.00 | 32.52 0.16 0.00 | 32.84 0.07 0.29 | 31.03 -0.03 0.00 | 30.33 0.09 0.00 | 29.60 0.06 0.00 | 29.07 0.00 0.00 | 29.01 0.00 0.00 | 30.56 -0.21 0.00 | 36.57 -0.71 0.00 | 45.15 -0.82 -0.08 | 40.58 -0.70 0.00 | 38.04 -0.66 0.00 | 32.78 -0.07 0.00 | 31.56 0.13 0.00 | 29.42 0.26 0.00 | 28.49 0.31 0.00 |
| SITHE___OGDNSBRG 24021 | 25.72 0.85 0.00 | 24.07 0.75 0.00 | 22.75 0.71 0.00 | 22.91 0.75 0.00 | 23.28 0.74 0.00 | 26.40 0.74 0.00 | 30.33 0.74 0.00 | 33.74 0.56 0.00 | 32.94 0.58 0.00 | 33.23 0.46 0.30 | 31.43 0.37 0.00 | 30.69 0.45 0.00 | 29.98 0.44 0.00 | 29.45 0.38 0.00 | 29.41 0.41 0.00 | 31.29 0.52 0.00 | 37.09 -0.19 0.00 | 45.90 -0.28 -0.28 | 41.12 -0.17 0.00 | 38.58 -0.12 0.00 | 33.31 0.46 0.00 | 32.12 0.69 0.00 | 29.97 0.82 0.00 | 28.96 0.79 0.00 |

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| SITHE___STERLING 23777 | 25.45 0.57 0.00 | 23.84 0.51 0.00 | 22.51 0.46 0.00 | 22.64 0.49 0.00 | 23.03 0.50 0.00 | 26.35 0.69 0.00 | 30.45 0.86 0.00 | 34.21 1.03 0.00 | 33.36 1.00 0.00 | 31.98 0.92 2.01 | 31.99 0.93 0.00 | 31.15 0.91 0.00 | 30.43 0.89 0.00 | 29.98 0.90 0.00 | 29.94 0.93 0.00 | 31.91 1.14 0.00 | 38.85 1.57 0.00 | 47.83 1.93 0.00 | 43.06 1.77 0.00 | 40.40 1.70 0.00 | 34.13 1.28 0.00 | 32.56 1.13 0.00 | 30.12 0.96 0.00 | 29.08 0.90 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 24.13 -0.75 0.00 | 22.74 -0.58 0.00 | 21.47 -0.57 0.00 | 21.51 -0.64 0.00 | 21.88 -0.65 0.00 | 25.04 -0.62 0.00 | 28.97 -0.62 0.00 | 32.25 -0.90 0.02 | 31.47 -0.87 0.01 | 30.09 -0.73 2.25 | 30.53 -0.53 0.00 | 29.73 -0.51 0.00 | 29.07 -0.47 0.00 | 28.67 -0.41 0.00 | 28.57 -0.44 0.00 | 30.31 -0.46 0.00 | 36.95 -0.30 0.02 | 45.50 -0.37 0.02 | 40.93 -0.33 0.02 | 38.29 -0.39 0.02 | 32.39 -0.46 0.00 | 30.80 -0.63 0.00 | 28.54 -0.61 0.00 | 27.72 -0.45 0.00 |
| SOUTH CAIRO___GT 23612 | 25.97 1.09 0.00 | 24.42 1.10 0.00 | 23.11 1.06 0.00 | 23.24 1.09 0.00 | 23.66 1.13 0.00 | 26.71 1.05 0.00 | 30.93 1.33 0.00 | 34.90 1.72 0.00 | 34.04 1.68 0.00 | 33.91 1.62 0.78 | 32.36 1.30 0.00 | 31.39 1.15 0.00 | 30.63 1.09 0.00 | 30.21 1.13 0.00 | 30.26 1.25 0.00 | 32.43 1.66 0.00 | 39.88 2.61 0.00 | 49.24 3.35 0.00 | 44.30 3.01 0.00 | 41.48 2.79 0.00 | 34.92 2.07 0.00 | 33.22 1.79 0.00 | 30.61 1.46 0.00 | 29.47 1.30 0.00 |
| SOUTH HAMPTN___IC 23720 | 26.79 1.92 0.00 | 25.09 1.77 0.00 | 23.86 1.81 0.00 | 23.91 1.75 0.00 | 24.43 1.89 0.00 | 27.82 2.16 0.00 | 32.43 2.66 -0.17 | 38.14 3.18 -1.78 | 38.12 3.17 -2.59 | 41.52 3.77 -4.69 | 39.09 2.92 -5.11 | 39.61 2.87 -6.49 | 40.17 3.04 -7.59 | 38.70 2.94 -6.70 | 40.30 2.81 -8.48 | 42.00 3.14 -8.09 | 51.46 4.62 -9.56 | 70.31 5.60 -18.82 | 60.01 4.99 -13.73 | 54.45 4.72 -11.03 | 44.38 3.42 -8.12 | 41.10 3.11 -6.56 | 33.54 2.68 -1.71 | 40.29 3.18 -8.93 |
| SOUTHDOW_115KV_TB1 355954 | 25.23 0.35 0.00 | 23.86 0.54 0.00 | 22.42 0.37 0.00 | 22.38 0.22 0.00 | 22.56 0.02 0.00 | 25.69 0.03 0.00 | 29.83 0.24 0.00 | 32.50 -0.66 0.01 | 31.64 -0.71 0.01 | 28.76 -2.12 2.19 | 30.28 -0.78 0.00 | 29.60 -0.64 0.00 | 28.83 -0.71 0.00 | 28.35 -0.73 0.00 | 28.28 -0.73 0.00 | 29.91 -0.86 0.00 | 35.85 -1.42 0.01 | 43.68 -2.20 0.01 | 40.24 -1.03 0.01 | 38.30 -0.39 0.01 | 32.85 0.00 0.00 | 31.33 -0.09 0.00 | 29.13 -0.03 0.00 | 28.65 0.48 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 27.36 2.49 0.00 | 25.47 2.15 0.00 | 24.21 2.16 0.00 | 24.26 2.10 0.00 | 24.79 2.25 0.00 | 28.28 2.62 0.00 | 32.91 3.14 -0.17 | 38.74 3.78 -1.78 | 38.67 3.72 -2.59 | 42.37 4.23 -5.07 | 39.52 3.35 -5.11 | 39.97 3.24 -6.49 | 40.43 3.31 -7.59 | 39.03 3.26 -6.70 | 40.68 3.19 -8.48 | 42.43 3.57 -8.09 | 52.09 5.26 -9.56 | 71.37 6.65 -18.82 | 61.00 5.99 -13.73 | 55.38 5.65 -11.03 | 45.11 4.14 -8.12 | 41.63 3.65 -6.56 | 34.16 3.29 -1.71 | 40.74 3.63 -8.93 |
| SOUTHOLD___IC 23719 | 27.21 2.34 0.00 | 25.47 2.14 0.00 | 24.21 2.16 0.00 | 24.26 2.11 0.00 | 24.79 2.25 0.00 | 28.28 2.62 0.00 | 32.99 3.23 -0.17 | 38.80 3.85 -1.78 | 38.76 3.82 -2.59 | 42.12 4.36 -4.69 | 39.65 3.48 -5.11 | 40.15 3.42 -6.49 | 40.67 3.54 -7.59 | 39.20 3.43 -6.70 | 40.82 3.33 -8.48 | 42.62 3.75 -8.09 | 52.24 5.40 -9.56 | 71.37 6.65 -18.82 | 61.00 5.98 -13.73 | 55.38 5.65 -11.03 | 45.14 4.17 -8.12 | 41.79 3.80 -6.56 | 34.16 3.29 -1.71 | 40.77 3.66 -8.93 |
| SOUTH_FORK_WT_PWR 323839 | 27.24 2.36 0.00 | 25.51 2.19 0.00 | 24.25 2.20 0.00 | 24.31 2.15 0.00 | 24.83 2.30 0.00 | 28.30 2.64 0.00 | 33.05 3.28 -0.17 | 38.87 3.91 -1.78 | 38.83 3.88 -2.59 | 42.19 4.43 -4.69 | 39.71 3.54 -5.11 | 40.18 3.45 -6.49 | 40.73 3.60 -7.59 | 39.26 3.49 -6.70 | 40.85 3.36 -8.48 | 42.65 3.78 -8.09 | 52.32 5.48 -9.56 | 71.46 6.75 -18.82 | 61.09 6.07 -13.73 | 55.45 5.73 -11.03 | 45.20 4.24 -8.12 | 41.85 3.86 -6.56 | 34.19 3.32 -1.71 | 40.82 3.72 -8.93 |
| SPIERFLS_115KV_TB 1 80737 | 25.82 0.95 0.00 | 24.21 0.89 0.00 | 22.91 0.86 0.00 | 23.04 0.89 0.00 | 23.48 0.95 0.00 | 26.76 1.10 0.00 | 31.10 1.51 0.00 | 35.23 2.06 0.00 | 34.43 2.07 0.00 | 34.83 2.18 0.41 | 33.05 1.99 0.00 | 32.14 1.91 0.00 | 31.37 1.83 0.00 | 30.90 1.83 0.00 | 30.87 1.86 0.00 | 31.97 1.20 0.00 | 39.14 1.86 0.00 | 48.51 2.62 0.00 | 43.39 2.11 0.00 | 40.63 1.93 0.00 | 34.23 1.38 0.00 | 32.59 1.16 0.00 | 30.00 0.85 0.00 | 29.61 1.44 0.00 |
| ST LAWRENCE____ 23600 | 25.03 0.15 0.00 | 23.46 0.14 0.00 | 22.16 0.11 0.00 | 22.31 0.16 0.00 | 22.67 0.14 0.00 | 25.79 0.13 0.00 | 29.62 0.03 0.00 | 33.07 -0.10 0.00 | 32.26 -0.10 0.00 | 32.68 -0.16 0.22 | 30.78 -0.28 0.00 | 30.00 -0.24 0.00 | 29.30 -0.24 0.00 | 28.78 -0.29 0.00 | 28.72 -0.29 0.00 | 30.34 -0.43 0.00 | 36.27 -1.00 0.00 | 44.66 -1.24 0.00 | 40.21 -1.07 0.00 | 37.73 -0.97 0.00 | 32.46 -0.39 0.00 | 31.18 -0.25 0.00 | 29.01 -0.15 0.00 | 28.09 -0.08 0.00 |
| STATE_CA_115KV_115_LB 55624 | 25.25 0.37 0.00 | 23.67 0.35 0.00 | 22.42 0.37 0.00 | 22.53 0.38 0.00 | 22.94 0.41 0.00 | 25.89 0.23 0.00 | 29.92 0.33 0.00 | 33.84 0.66 0.00 | 33.07 0.71 0.00 | 33.46 0.83 0.43 | 31.81 0.75 0.00 | 30.94 0.70 0.00 | 30.22 0.68 0.00 | 29.74 0.67 0.00 | 29.68 0.67 0.00 | 31.48 0.71 0.00 | 38.51 1.23 0.00 | 47.50 1.61 0.00 | 42.65 1.36 0.00 | 39.93 1.24 0.00 | 33.64 0.79 0.00 | 32.09 0.66 0.00 | 29.65 0.50 0.00 | 28.54 0.37 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 24.80 -0.07 0.00 | 23.30 -0.02 0.00 | 22.00 -0.04 0.00 | 22.09 -0.07 0.00 | 22.47 -0.07 0.00 | 25.71 0.05 0.00 | 29.77 0.18 0.00 | 33.41 0.20 -0.04 | 32.86 0.49 -0.02 | 31.28 0.43 2.21 | 31.77 0.71 0.00 | 30.87 0.64 0.00 | 30.16 0.62 0.00 | 29.77 0.70 0.00 | 29.68 0.67 0.00 | 31.51 0.74 0.00 | 38.55 1.23 -0.04 | 47.50 1.56 -0.04 | 42.81 1.49 -0.04 | 40.09 1.35 -0.04 | 33.83 0.99 0.00 | 32.18 0.75 0.00 | 29.71 0.55 0.00 | 28.77 0.59 0.00 |
| STATION 5_MISC_HYD 23604 | 24.35 -0.52 0.00 | 22.72 -0.61 0.00 | 21.45 -0.59 0.00 | 21.47 -0.69 0.00 | 21.77 -0.77 0.00 | 24.89 -0.77 0.00 | 28.77 -0.83 0.00 | 31.72 -1.43 0.02 | 30.92 -1.42 0.01 | 27.97 -1.29 3.80 | 29.91 -1.15 0.00 | 29.12 -1.12 0.00 | 28.48 -1.06 0.00 | 28.05 -1.02 0.00 | 28.02 -0.99 0.00 | 29.66 -1.11 0.00 | 36.06 -1.19 0.02 | 44.45 -1.42 0.02 | 40.15 -1.11 0.02 | 37.51 -1.16 0.02 | 31.73 -1.12 0.00 | 30.20 -1.23 0.00 | 28.11 -1.05 0.00 | 27.42 -0.76 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 24.48 -0.40 0.00 | 23.07 -0.26 0.00 | 21.78 -0.26 0.00 | 21.82 -0.33 0.00 | 22.17 -0.36 0.00 | 25.38 -0.28 0.00 | 29.42 -0.18 0.00 | 32.68 -0.43 0.06 | 31.94 -0.39 0.03 | 30.46 -0.36 2.24 | 30.87 -0.19 0.00 | 30.09 -0.15 0.00 | 29.39 -0.15 0.00 | 28.99 -0.09 0.00 | 28.89 -0.12 0.00 | 30.68 -0.09 0.00 | 37.37 0.15 0.06 | 46.07 0.23 0.06 | 41.48 0.25 0.06 | 38.83 0.19 0.06 | 32.88 0.03 0.00 | 31.30 -0.13 0.00 | 28.98 -0.17 0.00 | 28.15 -0.03 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 23.93 -0.95 0.00 | 22.60 -0.72 0.00 | 21.36 -0.68 0.00 | 21.38 -0.78 0.00 | 21.68 -0.86 0.00 | 24.79 -0.87 0.00 | 28.68 -0.92 0.00 | 31.68 -1.46 0.03 | 30.85 -1.49 0.02 | 29.46 -1.36 2.25 | 29.82 -1.24 0.00 | 29.09 -1.15 0.00 | 28.42 -1.12 0.00 | 28.03 -1.05 0.00 | 27.94 -1.07 0.00 | 29.63 -1.14 0.00 | 36.02 -1.23 0.03 | 44.44 -1.42 0.03 | 40.06 -1.20 0.03 | 37.47 -1.20 0.03 | 31.73 -1.12 0.00 | 30.20 -1.23 0.00 | 28.05 -1.11 0.00 | 27.33 -0.85 0.00 |

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| STA_56___34_KV_BUS2 355983 | 23.93 -0.95 0.00 | 22.60 -0.72 0.00 | 21.36 -0.68 0.00 | 21.38 -0.78 0.00 | 21.68 -0.86 0.00 | 24.79 -0.87 0.00 | 28.68 -0.92 0.00 | 31.68 -1.46 0.03 | 30.85 -1.49 0.02 | 29.46 -1.36 2.25 | 29.82 -1.24 0.00 | 29.09 -1.15 0.00 | 28.42 -1.12 0.00 | 28.03 -1.05 0.00 | 27.94 -1.07 0.00 | 29.63 -1.14 0.00 | 36.02 -1.23 0.03 | 44.44 -1.42 0.03 | 40.06 -1.20 0.03 | 37.47 -1.20 0.03 | 31.73 -1.12 0.00 | 30.20 -1.23 0.00 | 28.05 -1.11 0.00 | 27.33 -0.85 0.00 |
| STA_67___115KV_BK2 355882 | 23.98 -0.90 0.00 | 22.67 -0.65 0.00 | 21.43 -0.62 0.00 | 21.43 -0.73 0.00 | 21.72 -0.81 0.00 | 24.84 -0.82 0.00 | 28.71 -0.89 0.00 | 31.66 -1.49 0.02 | 30.82 -1.52 0.01 | 29.43 -1.39 2.25 | 29.79 -1.27 0.00 | 29.03 -1.21 0.00 | 28.39 -1.15 0.00 | 27.97 -1.10 0.00 | 27.88 -1.13 0.00 | 29.57 -1.20 0.00 | 35.95 -1.30 0.02 | 44.31 -1.56 0.02 | 39.98 -1.28 0.02 | 37.40 -1.28 0.02 | 31.70 -1.15 0.00 | 30.17 -1.26 0.00 | 28.05 -1.11 0.00 | 27.39 -0.79 0.00 |
| STA_7___115KV_9TRANS 80674 | 24.13 -0.75 0.00 | 22.79 -0.54 0.00 | 21.54 -0.51 0.00 | 21.54 -0.62 0.00 | 21.84 -0.70 0.00 | 24.99 -0.67 0.00 | 28.91 -0.68 0.00 | 31.89 -1.26 0.02 | 31.08 -1.26 0.01 | 29.69 -1.12 2.25 | 30.04 -1.02 0.00 | 29.27 -0.97 0.00 | 28.62 -0.92 0.00 | 28.20 -0.87 0.00 | 28.14 -0.87 0.00 | 29.82 -0.95 0.00 | 36.28 -0.97 0.02 | 44.77 -1.10 0.02 | 40.35 -0.91 0.02 | 37.75 -0.93 0.02 | 31.99 -0.85 0.00 | 30.42 -1.01 0.00 | 28.28 -0.87 0.00 | 27.58 -0.59 0.00 |
| STA_82___115KV_TB1 80780 | 24.01 -0.87 0.00 | 22.69 -0.63 0.00 | 21.43 -0.62 0.00 | 21.45 -0.71 0.00 | 21.75 -0.79 0.00 | 24.86 -0.80 0.00 | 28.74 -0.86 0.00 | 31.69 -1.46 0.02 | 30.86 -1.49 0.01 | 29.46 -1.36 2.25 | 29.82 -1.24 0.00 | 29.06 -1.18 0.00 | 28.39 -1.15 0.00 | 28.00 -1.08 0.00 | 27.91 -1.10 0.00 | 29.60 -1.17 0.00 | 35.99 -1.27 0.02 | 44.36 -1.51 0.02 | 40.02 -1.24 0.02 | 37.44 -1.24 0.02 | 31.73 -1.12 0.00 | 30.20 -1.23 0.00 | 28.08 -1.08 0.00 | 27.39 -0.79 0.00 |
| STEEL___WIND 323596 | 24.55 -0.32 0.00 | 22.86 -0.47 0.00 | 21.61 -0.44 0.00 | 21.54 -0.62 0.00 | 21.72 -0.81 0.00 | 24.81 -0.85 0.00 | 28.56 -1.04 0.00 | 31.00 -2.16 0.01 | 30.21 -2.14 0.01 | 26.38 -2.94 3.74 | 29.07 -1.99 0.00 | 28.34 -1.90 0.00 | 27.65 -1.89 0.00 | 27.21 -1.86 0.00 | 27.21 -1.80 0.00 | 28.74 -2.03 0.00 | 34.47 -2.80 0.01 | 41.98 -3.90 0.01 | 38.84 -2.44 0.01 | 36.44 -2.25 0.01 | 31.07 -1.77 0.00 | 29.57 -1.85 0.00 | 27.67 -1.49 0.00 | 27.27 -0.90 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 25.45 0.57 0.00 | 23.88 0.56 0.00 | 22.62 0.57 0.00 | 22.73 0.58 0.00 | 23.14 0.61 0.00 | 26.15 0.49 0.00 | 30.22 0.62 0.00 | 34.23 1.06 0.00 | 33.42 1.07 0.00 | 33.82 1.19 0.43 | 32.15 1.09 0.00 | 31.24 1.00 0.00 | 30.49 0.95 0.00 | 30.06 0.99 0.00 | 30.02 1.02 0.00 | 31.85 1.08 0.00 | 38.99 1.71 0.00 | 48.14 2.25 0.00 | 43.23 1.94 0.00 | 40.48 1.78 0.00 | 34.06 1.22 0.00 | 32.50 1.07 0.00 | 30.00 0.85 0.00 | 28.85 0.68 0.00 |
| STEUBEN_REC_LFGE 323667 | 25.95 1.07 0.00 | 24.37 1.05 0.00 | 22.95 0.90 0.00 | 22.91 0.75 0.00 | 23.23 0.70 0.00 | 26.58 0.92 0.00 | 30.81 1.21 0.00 | 34.59 1.36 -0.05 | 33.36 0.97 -0.03 | 31.30 0.20 1.96 | 31.77 0.71 0.00 | 30.90 0.67 0.00 | 30.16 0.62 0.00 | 29.77 0.70 0.00 | 29.76 0.75 0.00 | 31.72 0.95 0.00 | 38.86 1.53 -0.05 | 47.92 1.97 -0.05 | 43.49 2.15 -0.05 | 40.92 2.17 -0.05 | 34.65 1.81 0.00 | 33.03 1.60 0.00 | 30.50 1.34 0.00 | 29.58 1.41 0.00 |
| STILLWATER___SOLAR 323814 | 25.67 0.80 0.00 | 24.12 0.79 0.00 | 22.82 0.77 0.00 | 22.95 0.80 0.00 | 23.34 0.81 0.00 | 26.61 0.95 0.00 | 30.84 1.24 0.00 | 34.60 1.43 0.00 | 33.78 1.42 0.00 | 33.92 1.55 0.70 | 32.46 1.40 0.00 | 31.60 1.36 0.00 | 30.84 1.30 0.00 | 30.38 1.31 0.00 | 30.32 1.31 0.00 | 32.28 1.51 0.00 | 39.47 2.20 0.00 | 48.69 2.80 0.00 | 43.64 2.35 0.00 | 40.90 2.20 0.00 | 34.46 1.61 0.00 | 33.09 1.66 0.00 | 30.56 1.40 0.00 | 29.41 1.24 0.00 |
| STONY___BROOK 24151 | 26.29 1.42 0.00 | 24.63 1.31 0.00 | 23.39 1.35 0.00 | 23.44 1.28 0.00 | 23.95 1.42 0.00 | 27.28 1.62 0.00 | 32.08 2.31 -0.17 | 37.87 2.92 -1.78 | 37.82 2.88 -2.58 | 40.79 3.04 -4.68 | 38.77 2.61 -5.10 | 39.32 2.60 -6.48 | 39.80 2.69 -7.57 | 38.38 2.62 -6.68 | 40.02 2.55 -8.46 | 41.77 2.86 -8.14 | 51.01 4.17 -9.56 | 69.74 4.96 -18.89 | 59.45 4.37 -13.79 | 54.01 4.22 -11.09 | 44.13 3.06 -8.22 | 40.85 2.86 -6.56 | 33.34 2.48 -1.70 | 39.65 2.56 -8.91 |
| STURGEON_POOL_HYD 23609 | 25.50 0.62 0.00 | 23.86 0.54 0.00 | 22.55 0.51 0.00 | 22.69 0.53 0.00 | 23.08 0.54 0.00 | 26.30 0.64 0.00 | 30.54 0.95 0.00 | 34.53 1.36 0.00 | 33.72 1.36 0.00 | 33.89 1.36 0.53 | 32.27 1.21 0.00 | 31.42 1.18 0.00 | 30.72 1.18 0.00 | 30.24 1.16 0.00 | 30.20 1.19 0.00 | 32.09 1.32 0.00 | 39.62 2.35 0.00 | 48.92 3.03 0.00 | 44.01 2.72 0.00 | 41.21 2.52 0.00 | 34.42 1.58 0.00 | 32.87 1.45 0.00 | 30.62 1.46 0.00 | 29.39 1.21 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 25.42 0.55 0.00 | 23.79 0.47 0.00 | 22.51 0.46 0.00 | 22.62 0.47 0.00 | 23.03 0.50 0.00 | 26.20 0.54 0.00 | 30.48 0.89 0.00 | 34.53 1.36 0.00 | 33.72 1.36 0.00 | 33.84 1.36 0.58 | 32.30 1.24 0.00 | 31.45 1.21 0.00 | 30.75 1.21 0.00 | 30.29 1.22 0.00 | 30.26 1.25 0.00 | 32.09 1.32 0.00 | 39.51 2.24 0.00 | 48.79 2.89 0.00 | 43.85 2.56 0.00 | 41.06 2.36 0.00 | 34.29 1.45 0.00 | 32.75 1.32 0.00 | 30.38 1.22 0.00 | 29.16 0.99 0.00 |
| SWANROAD_115KV_TB1 355699 | 23.06 -1.82 0.00 | 21.97 -1.35 0.00 | 20.79 -1.26 0.00 | 20.72 -1.44 0.00 | 20.89 -1.65 0.00 | 23.86 -1.80 0.00 | 27.43 -2.16 0.00 | 29.74 -3.42 0.02 | 29.02 -3.33 0.01 | 27.18 -3.64 2.25 | 27.86 -3.20 0.00 | 27.22 -3.02 0.00 | 26.59 -2.95 0.00 | 26.17 -2.91 0.00 | 26.08 -2.93 0.00 | 27.63 -3.14 0.00 | 33.27 -3.99 0.02 | 40.65 -5.23 0.02 | 37.10 -4.17 0.02 | 34.93 -3.75 0.02 | 29.79 -3.05 0.00 | 28.38 -3.05 0.00 | 26.56 -2.59 0.00 | 26.23 -1.94 0.00 |
| SYNERGY___BIOGAS 323694 | 24.51 -0.37 0.00 | 22.81 -0.51 0.00 | 21.54 -0.51 0.00 | 21.51 -0.64 0.00 | 21.77 -0.77 0.00 | 24.92 -0.74 0.00 | 28.80 -0.80 0.00 | 31.46 -1.69 0.02 | 30.73 -1.62 0.01 | 27.43 -1.85 3.78 | 29.57 -1.49 0.00 | 28.79 -1.45 0.00 | 28.12 -1.42 0.00 | 27.71 -1.37 0.00 | 27.67 -1.33 0.00 | 29.32 -1.45 0.00 | 35.54 -1.71 0.02 | 43.63 -2.25 0.02 | 39.78 -1.48 0.02 | 37.21 -1.47 0.02 | 31.57 -1.28 0.00 | 29.98 -1.45 0.00 | 27.99 -1.17 0.00 | 27.44 -0.73 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 24.65 -0.22 0.00 | 23.14 -0.19 0.00 | 21.87 -0.18 0.00 | 21.96 -0.20 0.00 | 22.33 -0.20 0.00 | 25.51 -0.15 0.00 | 29.45 -0.15 0.00 | 32.96 -0.23 -0.02 | 32.30 -0.06 -0.01 | 30.74 -0.07 2.26 | 31.31 0.25 0.00 | 30.45 0.21 0.00 | 29.78 0.24 0.00 | 29.36 0.29 0.00 | 29.30 0.29 0.00 | 31.08 0.31 0.00 | 37.93 0.63 -0.02 | 46.74 0.83 -0.02 | 42.09 0.78 -0.02 | 39.41 0.70 -0.02 | 33.24 0.39 0.00 | 31.68 0.25 0.00 | 29.33 0.17 0.00 | 28.40 0.23 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 24.65 -0.22 0.00 | 23.14 -0.19 0.00 | 21.87 -0.18 0.00 | 21.96 -0.20 0.00 | 22.33 -0.20 0.00 | 25.51 -0.15 0.00 | 29.45 -0.15 0.00 | 32.96 -0.23 -0.02 | 32.30 -0.06 -0.01 | 30.74 -0.07 2.26 | 31.31 0.25 0.00 | 30.45 0.21 0.00 | 29.78 0.24 0.00 | 29.36 0.29 0.00 | 29.30 0.29 0.00 | 31.08 0.31 0.00 | 37.93 0.63 -0.02 | 46.74 0.83 -0.02 | 42.09 0.78 -0.02 | 39.41 0.70 -0.02 | 33.24 0.39 0.00 | 31.68 0.25 0.00 | 29.33 0.17 0.00 | 28.40 0.23 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| SYRACUSE___POWER 24017 | 24.65 -0.22 0.00 | 23.14 -0.19 0.00 | 21.85 -0.20 0.00 | 21.94 -0.22 0.00 | 22.31 -0.23 0.00 | 25.48 -0.18 0.00 | 29.42 -0.18 0.00 | 32.88 -0.30 -0.01 | 31.91 -0.45 -0.01 | 30.44 -0.46 2.16 | 30.94 -0.12 0.00 | 30.12 -0.12 0.00 | 29.42 -0.12 0.00 | 29.01 -0.06 0.00 | 28.95 -0.06 0.00 | 30.71 -0.06 0.00 | 37.47 0.19 -0.01 | 46.18 0.28 -0.01 | 41.54 0.25 -0.01 | 38.94 0.23 -0.01 | 32.85 0.00 0.00 | 31.33 -0.09 0.00 | 29.04 -0.12 0.00 | 28.12 -0.06 0.00 |
| TALLMAN___138KV_BK151 55660 | 25.47 0.60 0.00 | 23.86 0.54 0.00 | 22.55 0.51 0.00 | 22.67 0.51 0.00 | 23.08 0.54 0.00 | 26.25 0.59 0.00 | 30.60 1.01 0.00 | 34.73 1.56 0.00 | 33.91 1.55 0.00 | 34.08 1.59 0.57 | 32.52 1.46 0.00 | 31.66 1.42 0.00 | 30.99 1.45 0.00 | 30.50 1.42 0.00 | 30.46 1.45 0.00 | 32.31 1.54 0.00 | 39.77 2.50 0.00 | 49.15 3.26 0.00 | 44.13 2.85 0.00 | 41.33 2.63 0.00 | 34.49 1.64 0.00 | 32.94 1.51 0.00 | 30.53 1.37 0.00 | 29.27 1.10 0.00 |
| TEALLAVE_115KV_TB7 355573 | 24.50 -0.37 0.00 | 23.02 -0.30 0.00 | 21.74 -0.31 0.00 | 21.82 -0.33 0.00 | 22.20 -0.34 0.00 | 25.35 -0.31 0.00 | 29.21 -0.38 0.00 | 32.65 -0.53 -0.01 | 31.62 -0.74 0.00 | 30.20 -0.73 2.13 | 30.66 -0.40 0.00 | 29.85 -0.39 0.00 | 29.19 -0.35 0.00 | 28.78 -0.29 0.00 | 28.72 -0.29 0.00 | 30.43 -0.34 0.00 | 37.13 -0.15 -0.01 | 45.72 -0.18 -0.01 | 41.17 -0.12 -0.01 | 38.55 -0.15 -0.01 | 32.55 -0.30 0.00 | 31.02 -0.41 0.00 | 28.78 -0.38 0.00 | 27.92 -0.25 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 23.68 -1.19 0.00 | 22.51 -0.82 0.00 | 21.28 -0.77 0.00 | 21.23 -0.93 0.00 | 21.45 -1.08 0.00 | 24.53 -1.13 0.00 | 28.32 -1.27 0.00 | 30.80 -2.36 0.02 | 30.05 -2.30 0.01 | 28.20 -2.61 2.25 | 28.85 -2.21 0.00 | 28.18 -2.06 0.00 | 27.50 -2.04 0.00 | 27.10 -1.98 0.00 | 27.04 -1.97 0.00 | 28.65 -2.12 0.00 | 34.61 -2.65 0.02 | 42.39 -3.49 0.02 | 38.58 -2.68 0.02 | 36.28 -2.40 0.02 | 30.91 -1.94 0.00 | 29.39 -2.04 0.00 | 27.44 -1.72 0.00 | 26.99 -1.18 0.00 |
| TEMPLE___115KV_TB 2 55572 | 24.53 -0.35 0.00 | 23.02 -0.30 0.00 | 21.76 -0.29 0.00 | 21.85 -0.31 0.00 | 22.22 -0.32 0.00 | 25.38 -0.28 0.00 | 29.24 -0.36 0.00 | 32.68 -0.50 -0.01 | 31.62 -0.74 0.00 | 30.19 -0.73 2.14 | 30.69 -0.37 0.00 | 29.88 -0.36 0.00 | 29.22 -0.32 0.00 | 28.81 -0.26 0.00 | 28.75 -0.26 0.00 | 30.46 -0.31 0.00 | 37.17 -0.11 -0.01 | 45.76 -0.14 -0.01 | 41.17 -0.12 -0.01 | 38.59 -0.12 -0.01 | 32.55 -0.30 0.00 | 31.05 -0.38 0.00 | 28.81 -0.35 0.00 | 27.92 -0.25 0.00 |
| TIANA____69_KV_BK 1 55817 | 26.87 1.99 0.00 | 25.00 1.68 0.00 | 23.77 1.72 0.00 | 23.82 1.66 0.00 | 24.34 1.80 0.00 | 27.74 2.08 0.00 | 32.19 2.43 -0.17 | 37.91 2.95 -1.78 | 37.89 2.94 -2.59 | 41.57 3.44 -5.07 | 38.84 2.67 -5.11 | 39.33 2.60 -6.49 | 39.78 2.66 -7.59 | 38.41 2.65 -6.70 | 40.04 2.55 -8.48 | 41.72 2.86 -8.09 | 51.12 4.29 -9.56 | 70.08 5.37 -18.82 | 59.80 4.79 -13.73 | 54.30 4.57 -11.03 | 44.22 3.25 -8.12 | 40.81 2.83 -6.56 | 33.46 2.59 -1.71 | 40.12 3.01 -8.93 |
| TILDEN___115KV_TB1 80814 | 24.65 -0.22 0.00 | 23.14 -0.19 0.00 | 21.85 -0.20 0.00 | 21.94 -0.22 0.00 | 22.31 -0.23 0.00 | 25.48 -0.18 0.00 | 29.42 -0.18 0.00 | 32.88 -0.30 -0.01 | 31.91 -0.45 -0.01 | 30.44 -0.46 2.16 | 30.94 -0.12 0.00 | 30.12 -0.12 0.00 | 29.42 -0.12 0.00 | 29.01 -0.06 0.00 | 28.95 -0.06 0.00 | 30.71 -0.06 0.00 | 37.47 0.19 -0.01 | 46.18 0.28 -0.01 | 41.54 0.25 -0.01 | 38.94 0.23 -0.01 | 32.85 0.00 0.00 | 31.33 -0.09 0.00 | 29.04 -0.12 0.00 | 28.12 -0.06 0.00 |
| TRIGEN___CC 323695 | 25.92 1.04 0.00 | 24.19 0.86 0.00 | 22.91 0.86 0.00 | 23.00 0.84 0.00 | 23.46 0.92 0.00 | 26.71 1.05 0.00 | 31.40 1.69 -0.12 | 36.71 2.26 -1.28 | 36.41 2.20 -1.85 | 38.85 2.25 -3.54 | 36.75 2.05 -3.64 | 36.92 2.06 -4.62 | 37.00 2.07 -5.40 | 35.87 2.04 -4.76 | 37.04 2.00 -6.03 | 48.53 2.12 -15.64 | 50.15 3.28 -9.59 | 81.51 4.08 -31.53 | 69.53 3.55 -24.69 | 63.42 3.37 -21.36 | 60.21 2.30 -25.06 | 41.24 2.11 -7.71 | 32.36 1.98 -1.22 | 36.31 1.80 -6.33 |
| TRINITY___115KV___4 BK 55933 | 25.18 0.30 0.00 | 23.60 0.28 0.00 | 22.36 0.31 0.00 | 22.47 0.31 0.00 | 22.85 0.32 0.00 | 25.81 0.15 0.00 | 29.80 0.21 0.00 | 33.74 0.56 0.00 | 32.94 0.58 0.00 | 33.33 0.69 0.43 | 31.68 0.62 0.00 | 30.81 0.57 0.00 | 30.10 0.56 0.00 | 29.65 0.58 0.00 | 29.56 0.55 0.00 | 31.35 0.58 0.00 | 38.36 1.08 0.00 | 47.32 1.42 0.00 | 42.48 1.20 0.00 | 39.78 1.08 0.00 | 33.47 0.62 0.00 | 31.96 0.53 0.00 | 29.57 0.41 0.00 | 28.46 0.28 0.00 |
| UNION___PROCESSING_DRP 323587 | 24.01 -0.87 0.00 | 22.69 -0.63 0.00 | 21.45 -0.60 0.00 | 21.45 -0.71 0.00 | 21.75 -0.79 0.00 | 24.86 -0.80 0.00 | 28.74 -0.86 0.00 | 31.69 -1.46 0.02 | 30.86 -1.49 0.01 | 29.46 -1.36 2.25 | 29.82 -1.24 0.00 | 29.06 -1.18 0.00 | 28.42 -1.12 0.00 | 28.00 -1.08 0.00 | 27.91 -1.10 0.00 | 29.60 -1.17 0.00 | 36.02 -1.23 0.02 | 44.40 -1.47 0.02 | 40.02 -1.24 0.02 | 37.47 -1.20 0.02 | 31.73 -1.12 0.00 | 30.20 -1.23 0.00 | 28.11 -1.05 0.00 | 27.41 -0.76 0.00 |
| UPPER HUDSON___HYD 24058 | 25.77 0.89 0.00 | 24.21 0.89 0.00 | 22.91 0.86 0.00 | 23.04 0.89 0.00 | 23.48 0.95 0.00 | 26.76 1.10 0.00 | 31.10 1.51 0.00 | 34.33 1.16 0.00 | 33.49 1.13 0.00 | 33.65 1.29 0.70 | 32.21 1.15 0.00 | 31.33 1.09 0.00 | 30.57 1.03 0.00 | 30.12 1.05 0.00 | 30.11 1.10 0.00 | 32.06 1.29 0.00 | 39.21 1.94 0.00 | 48.51 2.61 0.00 | 43.39 2.10 0.00 | 40.63 1.93 0.00 | 34.26 1.41 0.00 | 33.44 2.01 0.00 | 30.79 1.63 0.00 | 29.64 1.46 0.00 |
| UPPER RAQUET___HYD 24056 | 25.37 0.50 0.00 | 23.77 0.44 0.00 | 22.47 0.42 0.00 | 22.62 0.47 0.00 | 22.94 0.41 0.00 | 25.84 0.18 0.00 | 29.59 0.00 0.00 | 32.91 -0.27 0.00 | 32.06 -0.29 0.00 | 32.05 -0.40 0.61 | 30.66 -0.40 0.00 | 29.97 -0.27 0.00 | 29.22 -0.32 0.00 | 28.67 -0.41 0.00 | 28.60 -0.41 0.00 | 30.12 -0.65 0.00 | 35.94 -1.34 0.00 | 44.75 -1.56 -0.41 | 39.92 -1.36 0.00 | 37.46 -1.24 0.00 | 32.42 -0.43 0.00 | 31.49 0.06 0.00 | 29.45 0.29 0.00 | 28.49 0.31 0.00 |
| VALLEY44_115KV_TB2 355964 | 24.78 -0.10 0.00 | 23.49 0.16 0.00 | 22.16 0.11 0.00 | 22.11 -0.04 0.00 | 22.38 -0.16 0.00 | 25.56 -0.10 0.00 | 29.57 -0.03 0.00 | 32.50 -0.66 0.01 | 31.54 -0.81 0.01 | 27.85 -3.04 2.17 | 30.22 -0.84 0.00 | 29.54 -0.70 0.00 | 28.83 -0.71 0.00 | 28.40 -0.67 0.00 | 28.34 -0.67 0.00 | 29.91 -0.86 0.00 | 35.51 -1.75 0.01 | 42.72 -3.17 0.01 | 39.83 -1.44 0.01 | 38.03 -0.66 0.01 | 32.49 -0.36 0.00 | 31.02 -0.41 0.00 | 28.87 -0.29 0.00 | 28.29 0.11 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 25.30 0.42 0.00 | 23.70 0.37 0.00 | 22.38 0.33 0.00 | 22.51 0.35 0.00 | 22.87 0.34 0.00 | 26.02 0.36 0.00 | 29.95 0.36 0.00 | 33.57 0.40 0.00 | 32.81 0.45 0.00 | 33.16 0.40 0.30 | 31.28 0.22 0.00 | 30.42 0.18 0.00 | 29.69 0.15 0.00 | 29.25 0.17 0.00 | 29.18 0.17 0.00 | 30.98 0.22 0.00 | 37.65 0.37 0.00 | 46.49 0.60 0.00 | 41.78 0.50 0.00 | 39.20 0.50 0.00 | 33.18 0.33 0.00 | 31.77 0.35 0.00 | 29.48 0.32 0.00 | 28.49 0.31 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 26.00 1.12 0.00 | 24.37 1.05 0.00 | 23.02 0.97 0.00 | 23.13 0.97 0.00 | 23.53 0.99 0.00 | 26.92 1.26 0.00 | 31.22 1.63 0.00 | 35.30 2.12 -0.01 | 34.46 2.10 0.00 | 33.90 2.08 1.24 | 33.23 2.17 0.00 | 32.39 2.15 0.00 | 31.64 2.10 0.00 | 31.17 2.09 0.00 | 31.10 2.09 0.00 | 33.05 2.28 0.00 | 40.30 3.02 -0.01 | 49.71 3.81 -0.01 | 44.85 3.55 -0.01 | 42.15 3.44 -0.01 | 35.41 2.56 0.00 | 33.75 2.33 0.00 | 31.20 2.04 0.00 | 30.03 1.86 0.00 |

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| VISCHER___FERRY HYD 24020 | 25.33 0.45 0.00 | 23.81 0.49 0.00 | 22.51 0.46 0.00 | 22.64 0.49 0.00 | 23.05 0.52 0.00 | 26.25 0.59 0.00 | 30.36 0.77 0.00 | 34.27 1.09 0.00 | 33.46 1.10 0.00 | 33.61 1.26 0.71 | 32.21 1.15 0.00 | 31.33 1.09 0.00 | 30.57 1.03 0.00 | 30.12 1.05 0.00 | 30.02 1.01 0.00 | 31.94 1.17 0.00 | 39.07 1.79 0.00 | 48.10 2.20 0.00 | 43.15 1.86 0.00 | 40.48 1.78 0.00 | 34.03 1.18 0.00 | 32.56 1.13 0.00 | 30.12 0.96 0.00 | 28.96 0.79 0.00 |
| V_A_10_SYNC_DSASP 323832 | 23.86 -1.02 0.00 | 22.25 -1.07 0.00 | 21.03 -1.01 0.00 | 21.00 -1.15 0.00 | 21.23 -1.31 0.00 | 24.25 -1.41 0.00 | 27.91 -1.69 0.00 | 30.50 -2.65 0.02 | 29.73 -2.62 0.01 | 26.85 -2.45 3.76 | 28.70 -2.36 0.00 | 27.94 -2.30 0.00 | 27.32 -2.22 0.00 | 26.89 -2.18 0.00 | 26.86 -2.15 0.00 | 28.40 -2.37 0.00 | 34.42 -2.83 0.02 | 42.34 -3.53 0.02 | 38.38 -2.89 0.02 | 35.89 -2.79 0.02 | 30.45 -2.40 0.00 | 29.01 -2.42 0.00 | 27.12 -2.04 0.00 | 26.60 -1.58 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 25.10 0.22 0.00 | 23.53 0.21 0.00 | 22.25 0.20 0.00 | 22.38 0.22 0.00 | 22.76 0.23 0.00 | 25.86 0.20 0.00 | 29.74 0.15 0.00 | 33.21 0.03 0.00 | 32.36 0.00 0.00 | 32.78 -0.07 0.22 | 30.91 -0.15 0.00 | 30.09 -0.15 0.00 | 29.39 -0.15 0.00 | 28.87 -0.20 0.00 | 28.81 -0.20 0.00 | 30.43 -0.34 0.00 | 36.42 -0.86 0.00 | 44.84 -1.05 0.00 | 40.38 -0.91 0.00 | 37.84 -0.85 0.00 | 32.58 -0.26 0.00 | 31.30 -0.13 0.00 | 29.13 -0.03 0.00 | 28.18 0.00 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 26.15 1.27 0.00 | 24.47 1.14 0.00 | 23.11 1.06 0.00 | 23.29 1.13 0.00 | 23.68 1.15 0.00 | 26.97 1.31 0.00 | 30.69 1.10 0.00 | 34.23 1.06 0.00 | 33.23 0.87 0.00 | 33.42 0.60 0.24 | 31.12 0.06 0.00 | 30.06 -0.18 0.00 | 29.04 -0.50 0.00 | 28.26 -0.81 0.00 | 28.17 -0.84 0.00 | 29.66 -1.11 0.00 | 35.49 -1.79 0.00 | 40.94 -2.29 2.67 | 39.63 -1.65 0.00 | 37.11 -1.59 0.00 | 31.99 -0.85 0.00 | 30.86 -0.56 0.00 | 28.75 -0.41 0.00 | 28.23 0.06 0.00 |
| V_D_10_SYNC_DSASP 323841 | 23.09 -1.79 0.00 | 21.99 -1.33 0.00 | 20.79 -1.26 0.00 | 20.74 -1.42 0.00 | 20.91 -1.62 0.00 | 23.86 -1.80 0.00 | 27.43 -2.16 0.00 | 29.71 -3.45 0.02 | 28.98 -3.37 0.01 | 27.27 -3.54 2.25 | 27.86 -3.20 0.00 | 27.22 -3.02 0.00 | 26.56 -2.98 0.00 | 26.17 -2.91 0.00 | 26.08 -2.93 0.00 | 27.63 -3.14 0.00 | 33.27 -3.99 0.02 | 40.69 -5.19 0.02 | 37.06 -4.21 0.02 | 34.85 -3.83 0.02 | 29.73 -3.12 0.00 | 28.32 -3.11 0.00 | 26.53 -2.62 0.00 | 26.17 -2.00 0.00 |
| V_E_10_SYNC_DSASP 323830 | 26.89 2.01 0.00 | 25.09 1.77 0.00 | 23.66 1.61 0.00 | 23.80 1.64 0.00 | 24.23 1.69 0.00 | 27.89 2.23 0.00 | 32.44 2.84 0.00 | 36.64 3.45 -0.02 | 35.57 3.20 -0.01 | 33.01 2.74 2.80 | 33.92 2.86 0.00 | 32.96 2.72 0.00 | 32.11 2.57 0.00 | 31.66 2.59 0.00 | 31.65 2.64 0.00 | 33.91 3.14 0.00 | 41.58 4.28 -0.02 | 51.37 5.46 -0.02 | 46.55 5.24 -0.02 | 43.78 5.07 -0.02 | 36.82 3.97 0.00 | 34.92 3.49 0.00 | 32.16 3.00 0.00 | 30.97 2.79 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 25.72 0.85 0.00 | 24.16 0.84 0.00 | 22.84 0.79 0.00 | 22.98 0.82 0.00 | 23.39 0.86 0.00 | 26.64 0.97 0.00 | 30.90 1.30 0.00 | 34.67 1.49 0.00 | 33.85 1.49 0.00 | 33.98 1.62 0.70 | 32.52 1.46 0.00 | 31.63 1.39 0.00 | 30.87 1.33 0.00 | 30.41 1.34 0.00 | 30.37 1.36 0.00 | 32.31 1.54 0.00 | 39.51 2.24 0.00 | 48.74 2.85 0.00 | 43.72 2.44 0.00 | 40.94 2.24 0.00 | 34.52 1.67 0.00 | 33.16 1.73 0.00 | 30.59 1.43 0.00 | 29.47 1.30 0.00 |
| V_F_30_SYNC_DSASP 323786 | 25.25 0.37 0.00 | 23.67 0.35 0.00 | 22.42 0.37 0.00 | 22.53 0.38 0.00 | 22.92 0.38 0.00 | 25.89 0.23 0.00 | 29.89 0.30 0.00 | 33.84 0.66 0.00 | 33.07 0.71 0.00 | 33.46 0.83 0.43 | 31.81 0.75 0.00 | 30.94 0.70 0.00 | 30.22 0.68 0.00 | 29.74 0.67 0.00 | 29.68 0.67 0.00 | 31.48 0.71 0.00 | 38.51 1.23 0.00 | 47.50 1.61 0.00 | 42.65 1.36 0.00 | 39.93 1.24 0.00 | 33.60 0.76 0.00 | 32.09 0.66 0.00 | 29.65 0.50 0.00 | 28.54 0.37 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 26.15 1.27 0.00 | 24.47 1.14 0.00 | 23.11 1.06 0.00 | 23.29 1.13 0.00 | 23.68 1.15 0.00 | 26.97 1.31 0.00 | 30.69 1.10 0.00 | 34.23 1.06 0.00 | 33.23 0.87 0.00 | 33.42 0.60 0.24 | 31.12 0.06 0.00 | 30.06 -0.18 0.00 | 29.04 -0.50 0.00 | 28.26 -0.81 0.00 | 28.17 -0.84 0.00 | 29.66 -1.11 0.00 | 35.49 -1.79 0.00 | 40.94 -2.29 2.67 | 39.63 -1.65 0.00 | 37.11 -1.59 0.00 | 31.99 -0.85 0.00 | 30.86 -0.56 0.00 | 28.75 -0.41 0.00 | 28.23 0.06 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 25.55 0.67 0.00 | 23.91 0.58 0.00 | 22.62 0.57 0.00 | 22.73 0.58 0.00 | 23.14 0.61 0.00 | 26.33 0.67 0.00 | 30.69 1.10 0.00 | 34.83 1.66 0.00 | 34.01 1.65 0.00 | 34.18 1.69 0.57 | 32.58 1.52 0.00 | 31.75 1.51 0.00 | 31.05 1.51 0.00 | 30.58 1.51 0.00 | 30.52 1.51 0.00 | 32.40 1.63 0.00 | 39.89 2.61 0.00 | 49.29 3.40 0.00 | 44.26 2.97 0.00 | 41.48 2.79 0.00 | 34.59 1.74 0.00 | 33.03 1.60 0.00 | 30.62 1.46 0.00 | 29.36 1.18 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 25.57 0.70 0.00 | 23.93 0.61 0.00 | 22.64 0.60 0.00 | 22.76 0.60 0.00 | 23.17 0.63 0.00 | 26.33 0.67 0.00 | 30.78 1.18 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.77 1.71 0.00 | 31.93 1.69 0.00 | 31.25 1.71 0.00 | 30.76 1.69 0.00 | 30.69 1.68 0.00 | 32.55 1.78 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.51 3.22 0.00 | 41.68 2.98 0.00 | 34.69 1.84 0.00 | 33.16 1.73 0.00 | 30.73 1.57 0.00 | 29.47 1.30 0.00 |
| W50THST__13_KV_LOAD 356117 | 25.65 0.77 0.00 | 24.00 0.68 0.00 | 22.71 0.66 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.40 0.74 0.00 | 30.90 1.30 0.00 | 35.13 1.96 0.00 | 34.33 1.97 0.00 | 34.56 2.05 0.55 | 32.89 1.83 0.00 | 32.05 1.81 0.00 | 31.37 1.83 0.00 | 30.90 1.83 0.00 | 30.84 1.83 0.00 | 32.71 1.94 0.00 | 40.33 3.06 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.82 1.97 0.00 | 33.25 1.82 0.00 | 30.82 1.66 0.00 | 29.56 1.38 0.00 |
| WADING RIVER_IC_1 23522 | 26.49 1.62 0.00 | 24.82 1.49 0.00 | 23.59 1.54 0.00 | 23.64 1.48 0.00 | 24.16 1.62 0.00 | 27.51 1.85 0.00 | 31.90 2.13 -0.17 | 37.48 2.52 -1.78 | 37.53 2.59 -2.59 | 41.03 3.27 -4.69 | 38.53 2.36 -5.11 | 39.10 2.36 -6.50 | 39.73 2.60 -7.59 | 38.24 2.47 -6.70 | 39.78 2.29 -8.48 | 41.44 2.58 -8.09 | 50.71 3.88 -9.56 | 69.34 4.63 -18.81 | 59.10 4.09 -13.72 | 53.63 3.91 -11.03 | 43.72 2.76 -8.11 | 40.47 2.48 -6.56 | 33.02 2.16 -1.71 | 39.92 2.82 -8.93 |
| WADING RIVER_IC_2 23547 | 26.49 1.62 0.00 | 24.82 1.49 0.00 | 23.59 1.54 0.00 | 23.64 1.48 0.00 | 24.16 1.62 0.00 | 27.51 1.85 0.00 | 31.90 2.13 -0.17 | 37.48 2.52 -1.78 | 37.53 2.59 -2.59 | 41.03 3.27 -4.69 | 38.53 2.36 -5.11 | 39.10 2.36 -6.50 | 39.73 2.60 -7.59 | 38.24 2.47 -6.70 | 39.78 2.29 -8.48 | 41.44 2.58 -8.09 | 50.71 3.88 -9.56 | 69.34 4.63 -18.81 | 59.10 4.09 -13.72 | 53.63 3.91 -11.03 | 43.72 2.76 -8.11 | 40.47 2.48 -6.56 | 33.02 2.16 -1.71 | 39.92 2.82 -8.93 |
| WADING RIVER_IC_3 23601 | 26.49 1.62 0.00 | 24.82 1.49 0.00 | 23.59 1.54 0.00 | 23.64 1.48 0.00 | 24.16 1.62 0.00 | 27.51 1.85 0.00 | 31.90 2.13 -0.17 | 37.48 2.52 -1.78 | 37.53 2.59 -2.59 | 41.03 3.27 -4.69 | 38.53 2.36 -5.11 | 39.10 2.36 -6.50 | 39.73 2.60 -7.59 | 38.24 2.47 -6.70 | 39.78 2.29 -8.48 | 41.44 2.58 -8.09 | 50.71 3.88 -9.56 | 69.34 4.63 -18.81 | 59.10 4.09 -13.72 | 53.63 3.91 -11.03 | 43.72 2.76 -8.11 | 40.47 2.48 -6.56 | 33.02 2.16 -1.71 | 39.92 2.82 -8.93 |

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| WALDENNY_12_KV_BK2 80841 | 23.98 -0.90 0.00 | 22.81 -0.51 0.00 | 21.56 -0.49 0.00 | 21.49 -0.66 0.00 | 21.68 -0.86 0.00 | 24.76 -0.90 0.00 | 28.53 -1.07 0.00 | 30.97 -2.19 0.01 | 30.18 -2.17 0.01 | 27.92 -2.91 2.23 | 28.98 -2.08 0.00 | 28.30 -1.94 0.00 | 27.62 -1.92 0.00 | 27.18 -1.89 0.00 | 27.12 -1.89 0.00 | 28.71 -2.06 0.00 | 34.47 -2.80 0.01 | 41.98 -3.90 0.01 | 38.51 -2.77 0.01 | 36.40 -2.28 0.01 | 31.11 -1.74 0.00 | 29.61 -1.82 0.00 | 27.67 -1.49 0.00 | 27.25 -0.93 0.00 |
| WALDEN___HYDRO 24148 | 25.45 0.57 0.00 | 23.91 0.58 0.00 | 22.60 0.55 0.00 | 22.71 0.55 0.00 | 23.12 0.58 0.00 | 26.30 0.64 0.00 | 30.60 1.01 0.00 | 34.67 1.49 0.00 | 33.85 1.49 0.00 | 33.60 1.49 0.95 | 32.39 1.33 0.00 | 31.57 1.33 0.00 | 30.84 1.30 0.00 | 30.38 1.31 0.00 | 30.34 1.34 0.00 | 32.34 1.57 0.00 | 39.77 2.50 0.00 | 49.06 3.16 0.00 | 44.09 2.81 0.00 | 41.29 2.59 0.00 | 34.52 1.67 0.00 | 32.88 1.45 0.00 | 30.56 1.40 0.00 | 29.39 1.21 0.00 |
| WARRENSBURG___ 23737 | 25.77 0.89 0.00 | 24.21 0.89 0.00 | 22.91 0.86 0.00 | 23.04 0.89 0.00 | 23.48 0.95 0.00 | 26.76 1.10 0.00 | 31.10 1.51 0.00 | 34.33 1.16 0.00 | 33.49 1.13 0.00 | 33.65 1.29 0.70 | 32.21 1.15 0.00 | 31.33 1.09 0.00 | 30.57 1.03 0.00 | 30.12 1.05 0.00 | 30.11 1.10 0.00 | 32.06 1.29 0.00 | 39.21 1.94 0.00 | 48.51 2.61 0.00 | 43.39 2.10 0.00 | 40.63 1.93 0.00 | 34.26 1.41 0.00 | 33.44 2.01 0.00 | 30.79 1.63 0.00 | 29.64 1.46 0.00 |
| WATERSIDE___6 8 9 23538 | 25.62 0.75 0.00 | 24.00 0.68 0.00 | 22.71 0.66 0.00 | 22.82 0.66 0.00 | 23.23 0.70 0.00 | 26.28 0.62 0.00 | 30.72 1.12 0.00 | 34.93 1.76 0.00 | 34.14 1.78 0.00 | 34.36 1.85 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.63 1.62 0.00 | 32.52 1.75 0.00 | 40.15 2.87 0.00 | 49.57 3.67 0.00 | 44.46 3.18 0.00 | 41.68 2.98 0.00 | 34.65 1.81 0.00 | 33.09 1.67 0.00 | 30.70 1.55 0.00 | 29.53 1.35 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 25.23 0.35 0.00 | 23.63 0.30 0.00 | 22.33 0.29 0.00 | 22.45 0.29 0.00 | 22.83 0.29 0.00 | 25.99 0.33 0.00 | 29.98 0.38 0.00 | 33.64 0.46 0.00 | 32.91 0.55 0.00 | 33.29 0.53 0.30 | 31.43 0.37 0.00 | 30.60 0.36 0.00 | 29.87 0.32 0.00 | 29.39 0.32 0.00 | 29.36 0.35 0.00 | 31.17 0.40 0.00 | 37.87 0.60 0.00 | 46.72 0.83 0.00 | 42.03 0.74 0.00 | 39.39 0.70 0.00 | 33.34 0.49 0.00 | 31.90 0.47 0.00 | 29.57 0.41 0.00 | 28.57 0.39 0.00 |
| WATSON___69_KV_BK 1 55734 | 26.67 1.79 0.00 | 24.84 1.52 0.00 | 23.57 1.52 0.00 | 23.62 1.46 0.00 | 24.13 1.60 0.00 | 27.51 1.85 0.00 | 32.37 2.60 -0.17 | 38.12 3.18 -1.76 | 38.05 3.14 -2.56 | 41.37 3.31 -5.01 | 38.96 2.86 -5.04 | 39.46 2.81 -6.41 | 39.87 2.84 -7.49 | 38.48 2.79 -6.61 | 40.16 2.78 -8.37 | 42.35 3.05 -8.54 | 51.46 4.58 -9.59 | 70.95 5.69 -19.37 | 60.60 5.08 -14.24 | 55.03 4.80 -11.54 | 45.42 3.48 -9.09 | 41.15 3.08 -6.64 | 33.67 2.83 -1.69 | 39.75 2.76 -8.82 |
| WDELAWARE___HYD 323627 | 25.50 0.62 0.00 | 23.91 0.58 0.00 | 22.60 0.55 0.00 | 22.71 0.55 0.00 | 23.14 0.61 0.00 | 26.35 0.69 0.00 | 30.66 1.06 0.00 | 34.70 1.53 0.00 | 33.85 1.49 0.00 | 33.45 1.39 1.00 | 32.27 1.21 0.00 | 31.42 1.18 0.00 | 30.69 1.15 0.00 | 30.24 1.16 0.00 | 30.26 1.25 0.00 | 32.31 1.54 0.00 | 39.81 2.54 0.00 | 49.15 3.26 0.00 | 44.22 2.93 0.00 | 41.44 2.75 0.00 | 34.65 1.81 0.00 | 32.94 1.51 0.00 | 30.61 1.46 0.00 | 29.47 1.30 0.00 |
| WEST BABYLON___IC 23714 | 26.49 1.62 0.00 | 24.70 1.38 0.00 | 23.41 1.37 0.00 | 23.49 1.33 0.00 | 24.00 1.46 0.00 | 27.33 1.67 0.00 | 32.19 2.43 -0.17 | 37.90 3.02 -1.71 | 37.81 2.98 -2.48 | 40.99 3.07 -4.85 | 38.69 2.73 -4.90 | 39.15 2.69 -6.22 | 39.50 2.69 -7.27 | 38.14 2.65 -6.42 | 39.80 2.67 -8.12 | 43.00 2.89 -9.34 | 51.21 4.32 -9.61 | 71.80 5.37 -20.54 | 61.36 4.79 -15.28 | 55.77 4.53 -12.55 | 46.98 3.25 -10.88 | 41.12 2.92 -6.77 | 33.48 2.68 -1.64 | 39.29 2.56 -8.55 |
| WEST CANADA___HYD 24049 | 24.93 0.05 0.00 | 23.37 0.05 0.00 | 22.11 0.07 0.00 | 22.22 0.07 0.00 | 22.60 0.07 0.00 | 25.74 0.08 0.00 | 29.68 0.09 0.00 | 33.31 0.13 0.00 | 32.65 0.29 0.00 | 32.87 0.30 0.49 | 31.25 0.19 0.00 | 30.42 0.18 0.00 | 29.72 0.18 0.00 | 29.25 0.18 0.00 | 29.18 0.18 0.00 | 31.01 0.25 0.00 | 37.65 0.37 0.00 | 46.35 0.46 0.00 | 41.70 0.41 0.00 | 39.08 0.39 0.00 | 33.08 0.23 0.00 | 31.65 0.22 0.00 | 29.36 0.21 0.00 | 28.35 0.17 0.00 |
| WESTERN_NY_WIND 24143 | 23.98 -0.90 0.00 | 22.76 -0.56 0.00 | 21.52 -0.53 0.00 | 21.49 -0.66 0.00 | 21.72 -0.81 0.00 | 24.86 -0.80 0.00 | 28.77 -0.83 0.00 | 31.40 -1.76 0.02 | 30.66 -1.68 0.01 | 28.87 -1.95 2.25 | 29.41 -1.65 0.00 | 28.70 -1.54 0.00 | 28.03 -1.51 0.00 | 27.62 -1.45 0.00 | 27.56 -1.45 0.00 | 29.26 -1.51 0.00 | 35.43 -1.83 0.02 | 43.49 -2.39 0.02 | 39.53 -1.73 0.02 | 37.13 -1.55 0.02 | 31.57 -1.28 0.00 | 29.98 -1.45 0.00 | 27.96 -1.20 0.00 | 27.44 -0.73 0.00 |
| WESTOVER___LESR 323668 | 25.05 0.17 0.00 | 23.53 0.21 0.00 | 22.22 0.18 0.00 | 22.29 0.13 0.00 | 22.65 0.11 0.00 | 25.87 0.21 0.00 | 29.92 0.33 0.00 | 33.55 0.36 -0.02 | 32.56 0.19 -0.01 | 31.21 -0.13 1.72 | 31.31 0.25 0.00 | 30.51 0.27 0.00 | 29.81 0.27 0.00 | 29.36 0.29 0.00 | 29.33 0.32 0.00 | 31.11 0.34 0.00 | 37.93 0.63 -0.02 | 46.60 0.69 -0.02 | 42.13 0.83 -0.02 | 39.56 0.85 -0.02 | 33.41 0.56 0.00 | 31.87 0.44 0.00 | 29.51 0.35 0.00 | 28.57 0.39 0.00 |
| WETHRSFD_WT_PWR 323626 | 24.26 -0.62 0.00 | 22.60 -0.72 0.00 | 21.34 -0.71 0.00 | 21.27 -0.89 0.00 | 21.39 -1.15 0.00 | 24.38 -1.28 0.00 | 27.97 -1.63 0.00 | 30.27 -2.89 0.01 | 29.44 -2.91 0.01 | 25.67 -3.64 3.75 | 28.20 -2.86 0.00 | 27.46 -2.78 0.00 | 26.82 -2.72 0.00 | 26.40 -2.67 0.00 | 26.37 -2.64 0.00 | 27.88 -2.89 0.00 | 33.57 -3.69 0.01 | 41.11 -4.77 0.01 | 38.01 -3.26 0.01 | 35.66 -3.02 0.01 | 30.45 -2.40 0.00 | 29.04 -2.39 0.00 | 27.20 -1.95 0.00 | 26.88 -1.30 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 25.47 0.60 0.00 | 23.86 0.54 0.00 | 22.55 0.51 0.00 | 22.67 0.51 0.00 | 23.08 0.54 0.00 | 26.25 0.59 0.00 | 30.60 1.01 0.00 | 34.73 1.56 0.00 | 33.91 1.55 0.00 | 34.08 1.59 0.57 | 32.49 1.43 0.00 | 31.66 1.42 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.74 2.46 0.00 | 49.11 3.21 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.46 1.61 0.00 | 32.91 1.48 0.00 | 30.50 1.34 0.00 | 29.27 1.10 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 25.47 0.60 0.00 | 23.86 0.54 0.00 | 22.55 0.51 0.00 | 22.67 0.51 0.00 | 23.08 0.54 0.00 | 26.25 0.59 0.00 | 30.60 1.01 0.00 | 34.73 1.56 0.00 | 33.91 1.55 0.00 | 34.08 1.59 0.57 | 32.49 1.43 0.00 | 31.66 1.42 0.00 | 30.96 1.42 0.00 | 30.50 1.42 0.00 | 30.43 1.42 0.00 | 32.28 1.51 0.00 | 39.74 2.46 0.00 | 49.11 3.21 0.00 | 44.09 2.81 0.00 | 41.33 2.63 0.00 | 34.46 1.61 0.00 | 32.91 1.48 0.00 | 30.50 1.34 0.00 | 29.27 1.10 0.00 |
| WHITEHAL_115KV_TB1 80871 | 26.32 1.44 0.00 | 24.68 1.35 0.00 | 23.33 1.28 0.00 | 23.51 1.35 0.00 | 23.95 1.42 0.00 | 27.33 1.67 0.00 | 31.84 2.25 0.00 | 36.09 2.92 0.00 | 35.27 2.91 0.00 | 35.69 3.04 0.41 | 33.86 2.80 0.00 | 32.90 2.66 0.00 | 32.08 2.54 0.00 | 31.63 2.56 0.00 | 31.65 2.64 0.00 | 32.89 2.12 0.00 | 40.37 3.09 0.00 | 50.07 4.18 0.00 | 44.79 3.51 0.00 | 41.91 3.21 0.00 | 35.31 2.46 0.00 | 33.53 2.11 0.00 | 30.79 1.63 0.00 | 30.32 2.14 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| WHITEPLN_13_KV_LOAD 356215 | 25.77 0.90 0.00 | 24.14 0.82 0.00 | 22.84 0.79 0.00 | 22.95 0.80 0.00 | 23.35 0.81 0.00 | 26.53 0.87 0.00 | 31.10 1.51 0.00 | 35.39 2.22 0.00 | 34.59 2.23 0.00 | 34.82 2.31 0.55 | 33.14 2.08 0.00 | 32.30 2.06 0.00 | 31.58 2.04 0.00 | 31.08 2.01 0.00 | 31.01 2.00 0.00 | 32.92 2.15 0.00 | 40.56 3.28 0.00 | 50.12 4.22 0.00 | 45.00 3.72 0.00 | 42.14 3.44 0.00 | 35.11 2.27 0.00 | 33.44 2.01 0.00 | 30.96 1.81 0.00 | 29.70 1.52 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 26.62 1.74 0.00 | 24.79 1.47 0.00 | 23.57 1.52 0.00 | 23.62 1.46 0.00 | 24.13 1.60 0.00 | 27.48 1.82 0.00 | 32.02 2.25 -0.17 | 37.71 2.75 -1.78 | 37.69 2.75 -2.59 | 41.27 3.14 -5.07 | 38.62 2.45 -5.11 | 39.15 2.42 -6.49 | 39.60 2.48 -7.58 | 38.21 2.44 -6.69 | 39.89 2.41 -8.47 | 41.56 2.68 -8.11 | 50.90 4.06 -9.56 | 69.79 5.05 -18.85 | 59.54 4.50 -13.76 | 54.01 4.26 -11.06 | 44.04 3.02 -8.17 | 40.63 2.64 -6.56 | 33.31 2.45 -1.71 | 39.83 2.73 -8.92 |
| WOODARD__115KV_TB2 355635 | 24.45 -0.42 0.00 | 22.97 -0.35 0.00 | 21.69 -0.35 0.00 | 21.78 -0.38 0.00 | 22.15 -0.38 0.00 | 25.30 -0.36 0.00 | 29.18 -0.41 0.00 | 32.62 -0.56 -0.01 | 31.62 -0.74 0.00 | 30.12 -0.73 2.22 | 30.69 -0.37 0.00 | 29.88 -0.36 0.00 | 29.22 -0.32 0.00 | 28.78 -0.29 0.00 | 28.72 -0.29 0.00 | 30.46 -0.31 0.00 | 37.14 -0.15 -0.01 | 45.77 -0.14 -0.01 | 41.17 -0.12 -0.01 | 38.55 -0.15 -0.01 | 32.55 -0.30 0.00 | 31.05 -0.38 0.00 | 28.78 -0.38 0.00 | 27.89 -0.28 0.00 |
| YORK__WARBASSE 23770 | 25.72 0.85 0.00 | 24.09 0.77 0.00 | 22.80 0.75 0.00 | 22.89 0.73 0.00 | 23.30 0.77 0.00 | 26.35 0.69 0.00 | 30.81 1.21 0.00 | 35.00 1.82 0.00 | 34.17 1.81 0.00 | 34.43 1.92 0.55 | 32.68 1.62 0.00 | 31.87 1.63 0.00 | 31.16 1.62 0.00 | 30.70 1.63 0.00 | 30.66 1.65 0.00 | 32.55 1.78 0.00 | 40.30 3.02 0.00 | 49.80 3.90 0.00 | 44.67 3.39 0.00 | 41.87 3.17 0.00 | 34.72 1.87 0.00 | 33.19 1.76 0.00 | 30.85 1.69 0.00 | 29.64 1.47 0.00 |