

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/14/2023

| Name | 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 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 31.23 | 27.01 | 25.38 | 24.78 | 24.49 | 24.95 | 26.11 | 33.40 | 35.17 | 37.91 | 37.26 | 38.35 | 39.85 | 41.95 | 43.70 | 47.33 | 52.69 | 55.02 | 48.58 | 43.81 | 37.59 | 35.87 | 32.34 | 29.09 |
| 24138 | 2.90 | 2.37 | 2.18 | 2.15 | 2.10 | 2.19 | 2.31 | 2.85 | 3.04 | 3.69 | 3.37 | 3.55 | 3.56 | 3.70 | 4.03 | 4.60 | 4.90 | 5.13 | 4.14 | 3.51 | 2.46 | 2.31 | 2.26 | 2.25 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.61 | -4.03 | -1.86 | -0.90 | -0.39 | -0.68 | -0.56 | -0.53 | -0.87 | -4.05 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |
| 74TH STREET_GT_1 | 31.29 | 27.06 | 25.40 | 24.83 | 24.54 | 24.95 | 26.11 | 33.45 | 35.21 | 37.95 | 37.36 | 38.41 | 39.99 | 42.21 | 43.73 | 47.41 | 52.73 | 55.12 | 48.75 | 43.98 | 37.66 | 36.01 | 32.67 | 29.15 |
| 24260 | 2.96 | 2.42 | 2.20 | 2.20 | 2.15 | 2.19 | 2.31 | 2.88 | 3.06 | 3.69 | 3.43 | 3.58 | 3.67 | 3.92 | 4.03 | 4.65 | 4.86 | 5.18 | 4.31 | 3.67 | 2.53 | 2.45 | 2.59 | 2.31 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.63 | -4.04 | -1.90 | -0.94 | -0.41 | -0.72 | -0.60 | -0.55 | -0.92 | -4.13 | -3.68 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |
| 74TH STREET_GT_2 | 31.29 | 27.06 | 25.40 | 24.83 | 24.54 | 24.95 | 26.11 | 33.45 | 35.21 | 37.95 | 37.36 | 38.41 | 39.99 | 42.21 | 43.73 | 47.41 | 52.73 | 55.12 | 48.75 | 43.98 | 37.66 | 36.01 | 32.67 | 29.15 |
| 24261 | 2.96 | 2.42 | 2.20 | 2.20 | 2.15 | 2.19 | 2.31 | 2.88 | 3.06 | 3.69 | 3.43 | 3.58 | 3.67 | 3.92 | 4.03 | 4.65 | 4.86 | 5.18 | 4.31 | 3.67 | 2.53 | 2.45 | 2.59 | 2.31 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.63 | -4.04 | -1.90 | -0.94 | -0.41 | -0.72 | -0.60 | -0.55 | -0.92 | -4.13 | -3.68 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |
| ADK HUDSON___FALLS | 30.53 | 26.74 | 25.15 | 24.60 | 24.31 | 24.86 | 25.94 | 33.16 | 40.84 | 38.06 | 36.57 | 37.40 | 38.27 | 40.73 | 42.36 | 44.82 | 53.30 | 56.29 | 47.40 | 43.86 | 38.26 | 36.38 | 31.87 | 29.04 |
| 24011 | 2.51 | 2.09 | 1.95 | 1.97 | 1.93 | 2.09 | 2.14 | 2.39 | 2.70 | 3.14 | 3.40 | 3.44 | 3.45 | 3.69 | 3.84 | 3.98 | 4.29 | 4.53 | 3.92 | 3.55 | 3.13 | 2.82 | 2.47 | 2.20 |
| | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.83 | -10.04 | -2.56 | -0.18 | 0.46 | 0.79 | 0.66 | 0.61 | 1.01 | -5.27 | -5.49 | 0.52 | 0.00 | 0.00 | 0.00 | 0.37 | 0.00 |
| ADK RESOURCE___RCVRY | 30.81 | 26.99 | 25.38 | 24.83 | 24.54 | 25.09 | 26.18 | 33.46 | 41.20 | 38.47 | 36.95 | 37.80 | 38.68 | 41.16 | 42.86 | 45.29 | 53.80 | 56.88 | 47.89 | 44.30 | 38.72 | 36.85 | 32.14 | 29.31 |
| 23798 | 2.79 | 2.34 | 2.18 | 2.19 | 2.15 | 2.32 | 2.38 | 2.70 | 3.04 | 3.56 | 3.79 | 3.85 | 3.88 | 4.15 | 4.34 | 4.48 | 4.81 | 5.13 | 4.40 | 3.99 | 3.59 | 3.29 | 2.74 | 2.47 |
| | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.83 | -10.07 | -2.55 | -0.16 | 0.47 | 0.81 | 0.67 | 0.63 | 1.04 | -5.24 | -5.48 | 0.52 | 0.00 | 0.00 | 0.00 | 0.37 | 0.00 |
| ADK S GLENS___FALLS | 30.53 | 26.74 | 25.15 | 24.60 | 24.31 | 24.86 | 25.94 | 33.16 | 40.84 | 38.06 | 36.57 | 37.40 | 38.27 | 40.73 | 42.36 | 44.82 | 53.30 | 56.29 | 47.40 | 43.86 | 38.26 | 36.38 | 31.87 | 29.04 |
| 24028 | 2.51 | 2.09 | 1.95 | 1.97 | 1.93 | 2.09 | 2.14 | 2.39 | 2.70 | 3.14 | 3.40 | 3.44 | 3.45 | 3.69 | 3.84 | 3.98 | 4.29 | 4.53 | 3.92 | 3.55 | 3.13 | 2.82 | 2.47 | 2.20 |
| | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.83 | -10.04 | -2.56 | -0.18 | 0.46 | 0.79 | 0.66 | 0.61 | 1.01 | -5.27 | -5.49 | 0.52 | 0.00 | 0.00 | 0.00 | 0.37 | 0.00 |
| ADK_NYS___DAM | 29.45 | 25.97 | 24.47 | 23.94 | 23.64 | 24.11 | 25.18 | 31.62 | 37.62 | 35.38 | 34.10 | 35.41 | 35.93 | 38.41 | 40.16 | 42.27 | 48.55 | 51.96 | 45.19 | 42.28 | 36.64 | 34.93 | 30.21 | 28.15 |
| 23527 | 1.61 | 1.33 | 1.28 | 1.31 | 1.25 | 1.34 | 1.38 | 1.53 | 1.71 | 1.91 | 1.85 | 1.96 | 1.99 | 2.11 | 2.31 | 2.55 | 2.76 | 2.92 | 2.24 | 1.97 | 1.51 | 1.38 | 1.19 | 1.31 |
| | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.15 | -7.80 | -1.11 | 0.74 | 0.96 | 1.67 | 1.39 | 1.29 | 2.14 | -2.05 | -2.78 | 1.07 | 0.00 | 0.00 | 0.00 | 0.75 | 0.00 |
| AIR_PRODUCTS___DRP | 28.89 | 25.28 | 23.85 | 23.33 | 23.04 | 23.50 | 24.51 | 31.51 | 35.93 | 35.09 | 34.03 | 35.06 | 36.00 | 38.30 | 39.87 | 42.33 | 48.54 | 51.36 | 44.61 | 41.16 | 35.70 | 33.99 | 29.99 | 27.35 |
| 24190 | 0.85 | 0.64 | 0.65 | 0.70 | 0.65 | 0.73 | 0.71 | 0.83 | 0.90 | 1.07 | 1.02 | 1.03 | 1.07 | 1.17 | 1.25 | 1.34 | 1.40 | 1.48 | 1.06 | 0.85 | 0.56 | 0.44 | 0.54 | 0.51 |
| | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.74 | -6.94 | -1.66 | -0.02 | 0.39 | 0.67 | 0.56 | 0.52 | 0.86 | -3.39 | -3.61 | 0.45 | 0.00 | 0.00 | 0.00 | 0.32 | 0.00 |
| AKWESSNE_115KV_BK | 27.48 | 24.03 | 22.69 | 22.11 | 21.90 | 22.27 | 23.25 | 25.34 | 27.51 | 31.65 | 32.20 | 33.59 | 34.79 | 36.86 | 38.24 | 40.81 | 42.52 | 45.02 | 42.73 | 39.22 | 34.36 | 32.85 | 29.06 | 26.17 |
| 355683 | -0.70 | -0.62 | -0.51 | -0.52 | -0.49 | -0.50 | -0.55 | -0.60 | -0.59 | -0.71 | -0.79 | -0.83 | -0.82 | -0.83 | -0.90 | -1.05 | -1.22 | -1.25 | -1.28 | -1.09 | -0.77 | -0.70 | -0.71 | -0.67 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 28.89 | 25.28 | 23.85 | 23.33 | 23.04 | 23.50 | 24.51 | 31.51 | 35.93 | 35.09 | 34.03 | 35.06 | 36.00 | 38.30 | 39.87 | 42.33 | 48.54 | 51.36 | 44.61 | 41.16 | 35.70 | 33.99 | 29.99 | 27.35 |
| 23571 | 0.85 | 0.64 | 0.65 | 0.70 | 0.65 | 0.73 | 0.71 | 0.83 | 0.90 | 1.07 | 1.02 | 1.03 | 1.07 | 1.17 | 1.25 | 1.34 | 1.40 | 1.48 | 1.06 | 0.85 | 0.56 | 0.44 | 0.54 | 0.51 |
| | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.74 | -6.94 | -1.66 | -0.02 | 0.39 | 0.67 | 0.56 | 0.52 | 0.86 | -3.39 | -3.61 | 0.45 | 0.00 | 0.00 | 0.00 | 0.32 | 0.00 |
| ALBANY___2 | 28.89 | 25.28 | 23.85 | 23.33 | 23.04 | 23.50 | 24.51 | 31.51 | 35.93 | 35.09 | 34.03 | 35.06 | 36.00 | 38.30 | 39.87 | 42.33 | 48.54 | 51.36 | 44.61 | 41.16 | 35.70 | 33.99 | 29.99 | 27.35 |
| 23572 | 0.85 | 0.64 | 0.65 | 0.70 | 0.65 | 0.73 | 0.71 | 0.83 | 0.90 | 1.07 | 1.02 | 1.03 | 1.07 | 1.17 | 1.25 | 1.34 | 1.40 | 1.48 | 1.06 | 0.85 | 0.56 | 0.44 | 0.54 | 0.51 |
| | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.74 | -6.94 | -1.66 | -0.02 | 0.39 | 0.67 | 0.56 | 0.52 | 0.86 | -3.39 | -3.61 | 0.45 | 0.00 | 0.00 | 0.00 | 0.32 | 0.00 |
| ALBANY___3 | 28.89 | 25.28 | 23.85 | 23.33 | 23.04 | 23.50 | 24.51 | 31.51 | 35.93 | 35.09 | 34.03 | 35.06 | 36.00 | 38.30 | 39.87 | 42.33 | 48.54 | 51.36 | 44.61 | 41.16 | 35.70 | 33.99 | 29.99 | 27.35 |
| 23573 | 0.85 | 0.64 | 0.65 | 0.70 | 0.65 | 0.73 | 0.71 | 0.83 | 0.90 | 1.07 | 1.02 | 1.03 | 1.07 | 1.17 | 1.25 | 1.34 | 1.40 | 1.48 | 1.06 | 0.85 | 0.56 | 0.44 | 0.54 | 0.51 |
| | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.74 | -6.94 | -1.66 | -0.02 | 0.39 | 0.67 | 0.56 | 0.52 | 0.86 | -3.39 | -3.61 | 0.45 | 0.00 | 0.00 | 0.00 | 0.32 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___4 23574 | 28.89 0.85 0.15 | 25.28 0.64 0.00 | 23.85 0.65 0.00 | 23.33 0.70 0.00 | 23.04 0.65 0.00 | 23.50 0.73 0.00 | 24.51 0.71 0.00 | 31.51 0.83 -4.74 | 35.93 0.90 -6.94 | 35.09 1.07 -1.66 | 34.03 1.02 -0.02 | 35.06 1.03 0.39 | 36.00 1.07 0.67 | 38.30 1.17 0.56 | 39.87 1.25 0.52 | 42.33 1.34 0.86 | 48.54 1.40 -3.39 | 51.36 1.48 -3.61 | 44.61 1.06 0.45 | 41.16 0.85 0.00 | 35.70 0.56 0.00 | 33.99 0.44 0.00 | 29.99 0.54 0.32 | 27.35 0.51 0.00 |
| ALBANY___LFGE 323615 | 29.19 1.16 0.16 | 25.58 0.94 0.00 | 24.10 0.90 0.00 | 23.58 0.95 0.00 | 23.29 0.90 0.00 | 23.77 1.00 0.00 | 24.78 0.98 0.00 | 31.82 1.14 -4.74 | 37.21 1.27 -7.84 | 35.74 1.49 -1.89 | 34.47 1.45 -0.03 | 35.46 1.48 0.44 | 36.38 1.53 0.76 | 38.65 1.58 0.63 | 40.32 1.76 0.58 | 42.68 1.80 0.97 | 49.56 1.97 -3.85 | 52.44 2.08 -4.10 | 45.02 1.50 0.48 | 41.60 1.29 0.00 | 36.12 0.98 0.00 | 34.43 0.87 0.00 | 30.20 0.77 0.34 | 27.67 0.83 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 27.54 -0.65 0.00 | 24.05 -0.59 0.00 | 22.74 -0.46 0.00 | 22.16 -0.48 0.00 | 21.94 -0.45 0.00 | 22.33 -0.43 0.00 | 23.28 -0.52 0.00 | 25.37 -0.57 0.00 | 27.54 -0.56 0.00 | 31.68 -0.68 0.00 | 32.27 -0.73 0.00 | 33.62 -0.79 0.00 | 34.86 -0.75 0.00 | 36.94 -0.75 0.00 | 38.28 -0.86 0.00 | 40.81 -1.05 0.00 | 42.48 -1.27 0.00 | 45.02 -1.25 0.00 | 42.73 -1.28 0.00 | 39.26 -1.05 0.00 | 34.43 -0.70 0.00 | 32.92 -0.64 0.00 | 29.09 -0.68 0.00 | 26.20 -0.64 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 27.54 -0.65 0.00 | 24.05 -0.59 0.00 | 22.74 -0.46 0.00 | 22.16 -0.48 0.00 | 21.94 -0.45 0.00 | 22.33 -0.43 0.00 | 23.28 -0.52 0.00 | 25.37 -0.57 0.00 | 27.54 -0.56 0.00 | 31.68 -0.68 0.00 | 32.27 -0.73 0.00 | 33.62 -0.79 0.00 | 34.86 -0.75 0.00 | 36.94 -0.75 0.00 | 38.28 -0.86 0.00 | 40.81 -1.05 0.00 | 42.48 -1.27 0.00 | 45.02 -1.25 0.00 | 42.73 -1.28 0.00 | 39.26 -1.05 0.00 | 34.43 -0.70 0.00 | 32.92 -0.64 0.00 | 29.09 -0.68 0.00 | 26.20 -0.64 0.00 |
| ALCOA___DSASP 323711 | 27.54 -0.65 0.00 | 24.05 -0.59 0.00 | 22.74 -0.46 0.00 | 22.16 -0.48 0.00 | 21.94 -0.45 0.00 | 22.33 -0.43 0.00 | 23.28 -0.52 0.00 | 25.37 -0.57 0.00 | 27.54 -0.56 0.00 | 31.68 -0.68 0.00 | 32.27 -0.73 0.00 | 33.63 -0.79 0.00 | 34.82 -0.78 0.00 | 36.83 -0.87 0.00 | 38.28 -0.86 0.00 | 40.76 -1.09 0.00 | 42.47 -1.27 0.00 | 44.92 -1.34 0.00 | 42.78 -1.23 0.00 | 39.26 -1.05 0.00 | 34.43 -0.70 0.00 | 32.92 -0.64 0.00 | 29.06 -0.71 0.00 | 26.20 -0.64 0.00 |
| ALLEGHENY___COGEN 23514 | 29.34 1.16 0.00 | 25.90 1.26 0.00 | 24.15 0.95 0.00 | 23.36 0.72 0.00 | 23.24 0.85 0.00 | 24.00 1.23 0.00 | 25.25 1.45 0.00 | 27.61 0.75 -0.92 | 29.47 0.53 -0.84 | 33.18 0.55 -0.27 | 34.05 0.99 -0.07 | 34.00 -0.41 0.00 | 34.97 -0.64 0.00 | 37.50 -0.19 0.00 | 38.75 -0.39 0.00 | 41.77 -0.08 0.00 | 44.44 0.13 -0.57 | 47.51 0.70 -0.55 | 45.11 1.10 0.00 | 42.24 1.93 0.00 | 37.70 2.56 0.00 | 36.04 2.48 0.00 | 32.78 3.01 0.00 | 28.96 2.12 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 29.27 1.18 0.10 | 25.60 0.96 0.00 | 24.13 0.93 0.00 | 23.58 0.95 0.00 | 23.31 0.92 0.00 | 23.79 1.02 0.00 | 24.82 1.02 0.00 | 31.97 1.17 -4.86 | 35.69 1.24 -6.35 | 35.43 1.42 -1.65 | 34.55 1.42 -0.14 | 35.59 1.45 0.27 | 36.63 1.50 0.47 | 38.92 1.62 0.39 | 40.46 1.68 0.36 | 43.09 1.84 0.60 | 49.06 1.92 -3.39 | 51.82 2.04 -3.52 | 45.27 1.58 0.32 | 41.68 1.37 0.00 | 36.15 1.02 0.00 | 34.46 0.91 0.00 | 30.50 0.95 0.22 | 27.73 0.89 0.00 |
| ALTONA_WT_PWR 323606 | 27.54 -0.65 0.00 | 24.20 -0.44 0.00 | 23.04 -0.16 0.00 | 22.41 -0.23 0.00 | 22.28 -0.11 0.00 | 22.81 0.05 0.00 | 23.87 0.07 0.00 | 26.10 0.16 0.00 | 28.35 0.25 0.00 | 32.59 0.23 0.00 | 33.09 0.10 0.00 | 34.52 0.10 0.00 | 35.86 0.25 0.00 | 38.03 0.34 0.00 | 39.45 0.31 0.00 | 41.94 0.08 0.00 | 43.74 0.00 0.00 | 46.36 0.09 0.00 | 44.14 0.13 0.00 | 40.59 0.28 0.00 | 35.69 0.56 0.00 | 34.06 0.50 0.00 | 29.98 0.21 0.00 | 26.95 0.11 0.00 |
| AMERICAN_REF_FUEL 24010 | 27.15 -1.04 0.00 | 24.03 -0.62 0.00 | 22.46 -0.74 0.00 | 21.66 -0.97 0.00 | 21.52 -0.87 0.00 | 22.22 -0.55 0.00 | 23.63 -0.17 0.00 | 25.75 -1.01 -0.82 | 27.72 -1.12 -0.74 | 31.24 -1.36 -0.24 | 32.43 -0.63 -0.06 | 33.56 -0.86 0.00 | 34.68 -0.93 0.00 | 36.94 -0.75 0.00 | 37.73 -1.41 0.00 | 40.85 -1.00 0.00 | 43.16 -1.09 -0.50 | 45.83 -0.92 -0.49 | 43.17 -0.84 0.00 | 40.07 -0.24 0.00 | 35.49 0.35 0.00 | 33.86 0.30 0.00 | 30.43 0.65 0.00 | 26.95 0.11 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 28.75 0.56 0.00 | 25.50 0.86 0.00 | 23.71 0.51 0.00 | 22.86 0.23 0.00 | 22.73 0.34 0.00 | 23.52 0.75 0.00 | 25.08 1.28 0.00 | 27.41 0.55 -0.93 | 29.73 0.79 -0.85 | 33.64 1.00 -0.27 | 34.88 1.81 -0.07 | 36.10 1.69 0.00 | 37.25 1.64 0.00 | 39.65 1.96 0.00 | 40.63 1.49 0.00 | 43.82 1.97 0.00 | 46.37 2.06 -0.57 | 49.32 2.50 -0.56 | 46.16 2.16 0.00 | 42.77 2.46 0.00 | 37.84 2.71 0.00 | 36.11 2.55 0.00 | 32.24 2.47 0.00 | 28.48 1.64 0.00 |
| ARTHUR_KILL_GT_1 23520 | 31.21 2.88 -0.15 | 27.01 2.37 0.00 | 25.31 2.11 0.00 | 24.69 2.06 0.00 | 24.40 2.02 0.00 | 24.72 1.96 0.01 | 25.84 2.05 0.01 | 33.29 2.75 -4.60 | 35.04 2.92 -4.02 | 37.68 3.46 -1.86 | 37.02 3.14 -0.90 | 38.21 3.41 -0.38 | 39.73 3.45 -0.67 | 41.75 3.51 -0.56 | 43.50 3.84 -0.52 | 55.93 4.27 -9.80 | 67.68 4.63 -19.30 | 66.95 4.86 -15.83 | 63.95 3.96 -15.98 | 43.73 3.42 0.01 | 37.55 2.42 0.01 | 37.27 2.38 -1.33 | 35.41 2.26 -3.38 | 29.07 2.23 -0.01 |
| ARTHUR_KILL_2 23512 | 31.10 2.76 -0.15 | 26.91 2.27 0.00 | 25.24 2.04 0.00 | 24.62 1.99 0.00 | 24.34 1.95 0.00 | 24.63 1.87 0.01 | 25.74 1.95 0.01 | 33.19 2.65 -4.60 | 34.93 2.81 -4.02 | 37.58 3.37 -1.86 | 36.89 3.00 -0.90 | 38.03 3.23 -0.38 | 39.59 3.31 -0.67 | 41.60 3.35 -0.56 | 43.34 3.68 -0.52 | 55.71 4.06 -9.80 | 67.47 4.42 -19.30 | 66.72 4.63 -15.83 | 63.73 3.74 -15.98 | 43.53 3.23 0.01 | 37.38 2.25 0.01 | 37.14 2.25 -1.33 | 35.30 2.14 -3.38 | 28.97 2.12 -0.01 |
| ARTHUR_KILL_3 23513 | 30.98 2.65 -0.14 | 26.79 2.14 0.00 | 25.17 1.97 0.00 | 24.60 1.97 0.00 | 24.29 1.90 0.00 | 24.73 1.96 0.00 | 25.87 2.07 0.00 | 33.12 2.57 -4.61 | 34.83 2.70 -4.03 | 37.43 3.20 -1.86 | 36.80 2.90 -0.90 | 37.87 3.06 -0.39 | 39.38 3.10 -0.68 | 41.42 3.17 -0.56 | 43.19 3.52 -0.53 | 55.68 4.02 -9.81 | 67.35 4.29 -19.31 | 66.59 4.49 -15.84 | 63.56 3.56 -15.99 | 43.29 2.98 0.00 | 37.14 2.00 0.00 | 36.88 1.98 -1.34 | 35.19 2.03 -3.39 | 28.88 2.04 0.00 |
| ARTHUR_KILL_COGEN 323718 | 31.21 2.88 -0.15 | 27.01 2.37 0.00 | 25.31 2.11 0.00 | 24.69 2.06 0.00 | 24.40 2.02 0.00 | 24.72 1.96 0.01 | 25.84 2.05 0.01 | 33.29 2.75 -4.60 | 35.04 2.92 -4.02 | 37.68 3.46 -1.86 | 37.02 3.14 -0.90 | 38.21 3.41 -0.38 | 39.73 3.45 -0.67 | 41.75 3.51 -0.56 | 43.50 3.84 -0.52 | 55.93 4.27 -9.80 | 67.68 4.63 -19.30 | 66.95 4.86 -15.83 | 63.95 3.96 -15.98 | 43.73 3.42 0.01 | 37.55 2.42 0.01 | 37.27 2.38 -1.33 | 35.41 2.26 -3.38 | 29.07 2.23 -0.01 |
| ASHOKAN____ 23654 | 30.27 2.09 0.00 | 25.73 1.08 0.00 | 24.20 1.00 0.00 | 23.67 1.04 0.00 | 23.26 0.87 0.00 | 23.75 0.98 0.00 | 24.68 0.88 0.00 | 32.19 1.61 -4.64 | 33.84 0.48 -5.27 | 35.77 1.71 -1.69 | 35.05 1.62 -0.44 | 36.10 1.69 0.00 | 37.74 2.14 0.00 | 39.88 2.19 0.00 | 41.53 2.39 0.00 | 44.36 2.51 0.00 | 48.10 0.79 -3.57 | 50.57 0.83 -3.47 | 46.38 2.37 0.00 | 41.20 0.89 0.00 | 35.84 0.70 0.00 | 34.33 0.77 0.00 | 31.32 1.55 0.00 | 27.62 0.78 0.00 |

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| ASTORIA_EAST_ENERGY_CC1 323581 | 31.30 2.96 -0.15 | 27.07 2.42 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | 24.55 2.15 -0.01 | 24.86 2.09 0.00 | 25.90 2.09 0.00 | 33.26 2.70 -4.62 | 34.91 2.78 -4.03 | 37.62 3.40 -1.86 | 36.96 3.07 -0.90 | 38.03 3.23 -0.38 | 39.49 3.21 -0.67 | 41.49 3.24 -0.56 | 43.18 3.52 -0.52 | 46.65 3.93 -0.87 | 52.03 4.24 -4.04 | 54.27 4.40 -3.61 | 48.04 3.61 -0.43 | 43.33 3.02 0.01 | 37.27 2.14 0.01 | 35.67 2.12 0.01 | 32.12 2.05 -0.30 | 29.15 2.31 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 31.30 2.96 -0.15 | 27.07 2.42 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | 24.55 2.15 -0.01 | 24.86 2.09 0.00 | 25.90 2.09 0.00 | 33.26 2.70 -4.62 | 34.91 2.78 -4.03 | 37.62 3.40 -1.86 | 36.96 3.07 -0.90 | 38.03 3.23 -0.38 | 39.49 3.21 -0.67 | 41.49 3.24 -0.56 | 43.18 3.52 -0.52 | 46.65 3.93 -0.87 | 52.03 4.24 -4.04 | 54.27 4.40 -3.61 | 48.04 3.61 -0.43 | 43.33 3.02 0.01 | 37.27 2.14 0.01 | 35.67 2.12 0.01 | 32.12 2.05 -0.30 | 29.15 2.31 0.00 |
| ASTORIA_GT2_1 24094 | 31.30 2.96 -0.15 | 27.09 2.44 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | 24.57 2.17 -0.01 | 24.86 2.09 0.00 | 25.92 2.12 0.00 | 33.28 2.70 -4.64 | 34.95 2.81 -4.04 | 37.64 3.37 -1.91 | 37.10 3.17 -0.94 | 38.10 3.27 -0.41 | 39.56 3.24 -0.72 | 41.72 3.43 -0.60 | 43.18 3.48 -0.55 | 46.83 4.06 -0.92 | 52.07 4.20 -4.13 | 54.38 4.44 -3.68 | 48.22 3.78 -0.43 | 43.45 3.14 0.00 | 37.31 2.18 0.00 | 35.71 2.15 0.00 | 32.40 2.32 -0.31 | 29.15 2.31 0.00 |
| ASTORIA_GT2_2 24095 | 31.30 2.96 -0.15 | 27.09 2.44 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | 24.57 2.17 -0.01 | 24.86 2.09 0.00 | 25.92 2.12 0.00 | 33.28 2.70 -4.64 | 34.95 2.81 -4.04 | 37.64 3.37 -1.91 | 37.10 3.17 -0.94 | 38.10 3.27 -0.41 | 39.56 3.24 -0.72 | 41.72 3.43 -0.60 | 43.18 3.48 -0.55 | 46.83 4.06 -0.92 | 52.07 4.20 -4.13 | 54.38 4.44 -3.68 | 48.22 3.78 -0.43 | 43.45 3.14 0.00 | 37.31 2.18 0.00 | 35.71 2.15 0.00 | 32.40 2.32 -0.31 | 29.15 2.31 0.00 |
| ASTORIA_GT2_3 24096 | 31.30 2.96 -0.15 | 27.09 2.44 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | 24.57 2.17 -0.01 | 24.86 2.09 0.00 | 25.92 2.12 0.00 | 33.28 2.70 -4.64 | 34.95 2.81 -4.04 | 37.64 3.37 -1.91 | 37.10 3.17 -0.94 | 38.10 3.27 -0.41 | 39.56 3.24 -0.72 | 41.72 3.43 -0.60 | 43.18 3.48 -0.55 | 46.83 4.06 -0.92 | 52.07 4.20 -4.13 | 54.38 4.44 -3.68 | 48.22 3.78 -0.43 | 43.45 3.14 0.00 | 37.31 2.18 0.00 | 35.71 2.15 0.00 | 32.40 2.32 -0.31 | 29.15 2.31 0.00 |
| ASTORIA_GT2_4 24097 | 31.30 2.96 -0.15 | 27.09 2.44 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | 24.57 2.17 -0.01 | 24.86 2.09 0.00 | 25.92 2.12 0.00 | 33.28 2.70 -4.64 | 34.95 2.81 -4.04 | 37.64 3.37 -1.91 | 37.10 3.17 -0.94 | 38.10 3.27 -0.41 | 39.56 3.24 -0.72 | 41.72 3.43 -0.60 | 43.18 3.48 -0.55 | 46.83 4.06 -0.92 | 52.07 4.20 -4.13 | 54.38 4.44 -3.68 | 48.22 3.78 -0.43 | 43.45 3.14 0.00 | 37.31 2.18 0.00 | 35.71 2.15 0.00 | 32.40 2.32 -0.31 | 29.15 2.31 0.00 |
| ASTORIA_GT3_1 24098 | 31.30 2.96 -0.15 | 27.09 2.44 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | 24.57 2.17 -0.01 | 24.86 2.09 0.00 | 25.92 2.12 0.00 | 33.28 2.70 -4.64 | 34.95 2.81 -4.04 | 37.64 3.37 -1.91 | 37.10 3.17 -0.94 | 38.10 3.27 -0.41 | 39.56 3.24 -0.72 | 41.72 3.43 -0.60 | 43.18 3.48 -0.55 | 46.83 4.06 -0.92 | 52.07 4.20 -4.13 | 54.38 4.44 -3.68 | 48.22 3.78 -0.43 | 43.45 3.14 0.00 | 37.31 2.18 0.00 | 35.71 2.15 0.00 | 32.40 2.32 -0.31 | 29.15 2.31 0.00 |
| ASTORIA_GT3_2 24099 | 31.30 2.96 -0.15 | 27.09 2.44 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | | | | | | | | | | | | | | | | | | | | |

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|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|
| ASTORIA_GT_10 24110 | 31.18 2.85 -0.15 | 26.96 2.32 0.00 | 25.33 2.13 0.00 | 24.74 2.10 0.00 | 24.47 2.08 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.33 2.75 -4.64 | 35.04 2.89 -4.04 | 37.77 3.50 -1.91 | 37.16 3.23 -0.94 | 38.17 3.34 -0.41 | 39.74 3.42 -0.72 | 41.83 3.54 -0.60 | 43.22 3.52 -0.55 | 46.87 4.10 -0.92 | 52.12 4.24 -4.13 | 54.48 4.53 -3.68 | 48.17 3.74 -0.43 | 43.53 3.22 0.00 | 37.38 2.25 0.00 | 35.77 2.21 0.00 | 32.46 2.38 -0.31 | 29.04 2.20 0.00 |
| ASTORIA_GT_11 24225 | 31.18 2.85 -0.15 | 26.96 2.32 0.00 | 25.33 2.13 0.00 | 24.74 2.10 0.00 | 24.47 2.08 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.33 2.75 -4.64 | 35.04 2.89 -4.04 | 37.77 3.50 -1.91 | 37.16 3.23 -0.94 | 38.17 3.34 -0.41 | 39.74 3.42 -0.72 | 41.83 3.54 -0.60 | 43.22 3.52 -0.55 | 46.87 4.10 -0.92 | 52.12 4.24 -4.13 | 54.48 4.53 -3.68 | 48.17 3.74 -0.43 | 43.53 3.22 0.00 | 37.38 2.25 0.00 | 35.77 2.21 0.00 | 32.46 2.38 -0.31 | 29.04 2.20 0.00 |
| ASTORIA_GT_12 24226 | 31.18 2.85 -0.15 | 26.96 2.32 0.00 | 25.33 2.13 0.00 | 24.74 2.11 0.00 | 24.43 2.04 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.28 2.72 -4.62 | 35.02 2.89 -4.03 | 37.70 3.46 -1.87 | 37.03 3.14 -0.90 | 38.14 3.34 -0.39 | 39.60 3.31 -0.68 | 41.57 3.32 -0.56 | 43.31 3.64 -0.53 | 46.74 4.02 -0.87 | 52.13 4.33 -4.05 | 54.42 4.54 -3.62 | 48.08 3.65 -0.43 | 43.41 3.10 0.00 | 37.35 2.21 0.00 | 35.74 2.18 0.00 | 32.22 2.14 -0.31 | 29.04 2.20 0.00 |
| ASTORIA_GT_13 24227 | 31.18 2.85 -0.15 | 26.96 2.32 0.00 | 25.33 2.13 0.00 | 24.74 2.11 0.00 | 24.43 2.04 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.28 2.72 -4.62 | 35.02 2.89 -4.03 | 37.70 3.46 -1.87 | 37.03 3.14 -0.90 | 38.14 3.34 -0.39 | 39.60 3.31 -0.68 | 41.57 3.32 -0.56 | 43.31 3.64 -0.53 | 46.74 4.02 -0.87 | 52.13 4.33 -4.05 | 54.42 4.54 -3.62 | 48.08 3.65 -0.43 | 43.41 3.10 0.00 | 37.35 2.21 0.00 | 35.74 2.18 0.00 | 32.22 2.14 -0.31 | 29.04 2.20 0.00 |
| ASTORIA_GT_5 24106 | 31.36 3.02 -0.15 | 27.14 2.49 -0.01 | 25.48 2.27 -0.01 | 24.90 2.26 -0.01 | 24.59 2.20 -0.01 | 24.91 2.14 0.00 | 25.97 2.17 0.00 | 33.34 2.78 -4.62 | 35.00 2.87 -4.03 | 37.72 3.50 -1.86 | 37.06 3.17 -0.90 | 38.14 3.34 -0.38 | 39.63 3.35 -0.67 | 41.60 3.35 -0.56 | 43.34 3.68 -0.52 | 46.78 4.06 -0.87 | 52.20 4.42 -4.04 | 54.45 4.58 -3.61 | 48.22 3.79 -0.43 | 43.45 3.15 0.01 | 37.38 2.25 0.01 | 35.76 2.21 0.01 | 32.21 2.14 -0.30 | 29.20 2.36 0.00 |
| ASTORIA_GT_7 24107 | 31.36 3.02 -0.15 | 27.14 2.49 -0.01 | 25.48 2.27 -0.01 | 24.90 2.26 -0.01 | 24.59 2.20 -0.01 | 24.91 2.14 0.00 | 25.97 2.17 0.00 | 33.34 2.78 -4.62 | 35.00 2.87 -4.03 | 37.72 3.50 -1.86 | 37.06 3.17 -0.90 | 38.14 3.34 -0.38 | 39.63 3.35 -0.67 | 41.60 3.35 -0.56 | 43.34 3.68 -0.52 | 46.78 4.06 -0.87 | 52.20 4.42 -4.04 | 54.45 4.58 -3.61 | 48.22 3.79 -0.43 | 43.45 3.15 0.01 | 37.38 2.25 0.01 | 35.76 2.21 0.01 | 32.21 2.14 -0.30 | 29.20 2.36 0.00 |
| ASTORIA_GT_8 24108 | 31.35 3.02 -0.15 | 27.14 2.49 -0.01 | 25.48 2.27 -0.01 | 24.90 2.26 -0.01 | 24.61 2.22 -0.01 | 24.91 2.14 0.00 | 25.97 2.17 0.00 | 33.36 2.78 -4.64 | 35.01 2.87 -4.04 | 37.73 3.46 -1.91 | 37.16 3.23 -0.94 | 38.17 3.34 -0.41 | 39.67 3.35 -0.72 | 41.83 3.54 -0.60 | 43.26 3.56 -0.55 | 46.91 4.14 -0.92 | 52.21 4.33 -4.13 | 54.52 4.58 -3.68 | 48.35 3.92 -0.43 | 43.57 3.27 0.00 | 37.38 2.25 0.00 | 35.81 2.25 0.00 | 32.46 2.38 -0.31 | 29.20 2.36 0.00 |
| ASTORIA___2 24149 | 31.30 2.96 -0.15 | 27.09 2.44 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | 24.55 2.15 -0.01 | 24.86 2.09 0.00 | 25.92 2.12 0.00 | 33.26 2.70 -4.62 | 34.94 2.81 -4.03 | 37.65 3.43 -1.86 | 36.96 3.07 -0.90 | 38.03 3.23 -0.38 | 39.52 3.24 -0.67 | 41.49 3.24 -0.56 | 43.22 3.56 -0.52 | 46.65 3.93 -0.87 | 52.08 4.29 -4.04 | 54.32 4.44 -3.61 | 48.08 3.65 -0.43 | 43.36 3.06 0.01 | 37.27 2.14 0.01 | 35.70 2.15 0.01 | 32.15 2.08 -0.30 | 29.15 2.31 0.00 |
| ASTORIA___3 23516 | 31.18 2.85 -0.15 | 26.96 2.32 0.00 | 25.33 2.13 0.00 | 24.74 2.11 0.00 | 24.43 2.04 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.28 2.72 -4.62 | 35.02 2.89 -4.03 | 37.70 3.46 -1.87 | 37.03 3.14 -0.90 | 38.14 3.34 -0.39 | 39.60 3.31 -0.68 | 41.57 3.32 -0.56 | 43.31 3.64 -0.53 | 46.74 4.02 -0.87 | 52.13 4.33 -4.05 | 54.37 4.49 -3.62 | 48.08 3.65 -0.43 | 43.41 3.10 0.00 | 37.35 2.21 0.00 | 35.74 2.18 0.00 | 32.22 2.14 -0.31 | 29.04 2.20 0.00 |
| ASTORIA___4 23517 | 31.18 2.85 -0.15 | 26.96 2.32 0.00 | 25.33 2.13 0.00 | 24.74 2.10 0.00 | 24.47 2.08 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.33 2.75 -4.64 | 35.04 2.89 -4.04 | 37.77 3.50 -1.91 | 37.16 3.23 -0.94 | 38.17 3.34 -0.41 | 39.74 3.42 -0.72 | 41.83 3.54 -0.60 | 43.22 3.52 -0.55 | 46.87 4.10 -0.92 | 52.12 4.24 -4.13 | 54.48 4.53 -3.68 | 48.17 3.74 -0.43 | 43.53 3.22 0.00 | 37.38 2.25 0.00 | 35.77 2.21 0.00 | 32.46 2.38 -0.31 | 29.04 2.20 0.00 |
| ASTORIA___5 23518 | 31.18 2.85 -0.15 | 26.96 2.32 0.00 | 25.33 2.13 0.00 | 24.74 2.11 0.00 | 24.43 2.04 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.28 2.72 -4.62 | 35.02 2.89 -4.03 | 37.70 3.46 -1.87 | 37.03 3.14 -0.90 | 38.14 3.34 -0.39 | 39.60 3.31 -0.68 | 41.57 3.32 -0.56 | 43.31 3.64 -0.53 | 46.74 4.02 -0.87 | 52.13 4.33 -4.05 | 54.37 4.49 -3.62 | 48.08 3.65 -0.43 | 43.41 3.10 0.00 | 37.35 2.21 0.00 | 35.74 2.18 0.00 | 32.22 2.14 -0.31 | 29.04 2.20 0.00 |
| AST_ENERGY_2_CC3 323677 | 31.04 2.71 -0.14 | 26.86 2.22 0.00 | 25.22 2.02 0.00 | 24.65 2.01 0.00 | 24.34 1.95 0.00 | 24.79 2.03 0.00 | 25.92 2.12 0.00 | 33.17 2.62 -4.61 | 34.91 2.78 -4.03 | 37.53 3.30 -1.86 | 36.87 2.97 -0.90 | 37.97 3.16 -0.39 | 39.49 3.21 -0.68 | 41.53 3.28 -0.56 | 43.31 3.64 -0.53 | 46.83 4.10 -0.87 | 52.21 4.42 -4.05 | 54.51 4.63 -3.62 | 48.14 3.70 -0.43 | 43.46 3.15 0.00 | 37.28 2.14 0.00 | 35.64 2.08 0.00 | 32.16 2.08 -0.31 | 28.93 2.09 0.00 |
| AST_ENERGY_2_CC4 323678 | 31.04 2.71 -0.14 | 26.86 2.22 0.00 | 25.22 2.02 0.00 | 24.65 2.01 0.00 | 24.34 1.95 0.00 | 24.79 2.03 0.00 | 25.92 2.12 0.00 | 33.17 2.62 -4.61 | 34.91 2.78 -4.03 | 37.53 3.30 -1.86 | 36.87 2.97 -0.90 | 37.97 3.16 -0.39 | 39.49 3.21 -0.68 | 41.53 3.28 -0.56 | 43.31 3.64 -0.53 | 46.83 4.10 -0.87 | 52.21 4.42 -4.05 | 54.51 4.63 -3.62 | 48.14 3.70 -0.43 | 43.46 3.15 0.00 | 37.28 2.14 0.00 | 35.64 2.08 0.00 | 32.16 2.08 -0.31 | 28.93 2.09 0.00 |
| ATHENS_STG_1 23668 | 29.61 1.38 -0.04 | 25.78 1.13 0.00 | 24.27 1.07 0.00 | 23.72 1.09 0.00 | 23.44 1.05 0.00 | 23.93 1.16 0.00 | 24.99 1.19 0.00 | 32.09 1.37 -4.78 | 33.53 1.40 -4.03 | 35.48 1.65 -1.47 | 34.99 1.49 -0.51 | 36.12 1.58 -0.12 | 37.46 1.64 -0.21 | 39.56 1.70 -0.17 | 41.18 1.88 -0.16 | 44.17 2.05 -0.27 | 49.11 2.23 -3.14 | 51.53 2.31 -2.95 | 45.86 1.71 -0.13 | 41.76 1.45 0.00 | 36.12 0.98 0.00 | 34.50 0.94 0.00 | 30.76 0.89 -0.09 | 27.80 0.96 0.00 |
| ATHENS_STG_2 23670 | 29.61 1.38 -0.04 | 25.78 1.13 0.00 | 24.27 1.07 0.00 | 23.72 1.09 0.00 | 23.44 1.05 0.00 | 23.93 1.16 0.00 | 24.99 1.19 0.00 | 32.09 1.37 -4.78 | 33.53 1.40 -4.03 | 35.48 1.65 -1.47 | 34.99 1.49 -0.51 | 36.12 1.58 -0.12 | 37.46 1.64 -0.21 | 39.56 1.70 -0.17 | 41.18 1.88 -0.16 | 44.17 2.05 -0.27 | 49.11 2.23 -3.14 | 51.53 2.31 -2.95 | 45.86 1.71 -0.13 | 41.76 1.45 0.00 | 36.12 0.98 0.00 | 34.50 0.94 0.00 | 30.76 0.89 -0.09 | 27.80 0.96 0.00 |

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| ATHENS_STG_3 23677 | 29.61 1.38 -0.04 | 25.78 1.13 0.00 | 24.27 1.07 0.00 | 23.72 1.09 0.00 | 23.44 1.05 0.00 | 23.93 1.16 0.00 | 24.99 1.19 0.00 | 32.09 1.37 -4.78 | 33.53 1.40 -4.03 | 35.48 1.65 -1.47 | 34.99 1.49 -0.51 | 36.12 1.58 -0.12 | 37.46 1.64 -0.21 | 39.56 1.70 -0.17 | 41.18 1.88 -0.16 | 44.17 2.05 -0.27 | 49.11 2.23 -3.14 | 51.53 2.31 -2.95 | 45.86 1.71 -0.13 | 41.76 1.45 0.00 | 36.12 0.98 0.00 | 34.50 0.94 0.00 | 30.76 0.89 -0.09 | 27.80 0.96 0.00 |
| AUBURN____LFGE 323710 | 28.70 0.51 0.00 | 25.19 0.54 0.00 | 23.62 0.42 0.00 | 22.97 0.34 0.00 | 22.77 0.38 0.00 | 23.36 0.59 0.00 | 24.47 0.67 0.00 | 27.29 0.67 -0.67 | 29.49 0.79 -0.60 | 33.53 0.97 -0.19 | 34.00 0.96 -0.05 | 35.45 1.03 0.00 | 36.64 1.03 0.00 | 38.90 1.21 0.00 | 40.35 1.21 0.00 | 43.19 1.34 0.00 | 45.55 1.40 -0.41 | 48.14 1.48 -0.39 | 45.37 1.36 0.00 | 41.56 1.25 0.00 | 36.47 1.34 0.00 | 34.90 1.34 0.00 | 30.75 0.98 0.00 | 27.70 0.86 0.00 |
| BABYLON_RES_REC 323704 | 38.52 3.41 -6.92 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.78 2.62 -4.53 | 29.90 2.55 -4.96 | 30.54 2.69 -5.09 | 33.65 2.83 -7.02 | 36.53 3.32 -7.27 | 37.73 3.54 -6.09 | 38.39 4.04 -1.98 | 36.83 2.87 -0.97 | 38.50 3.16 -0.92 | 41.37 3.49 -2.28 | 45.88 3.20 -4.98 | 44.77 3.64 -1.99 | 48.65 4.10 -2.69 | 53.14 4.24 -5.16 | 61.43 4.49 -10.68 | 49.90 3.52 -2.37 | 43.38 3.06 0.00 | 43.72 2.11 -6.48 | 37.91 2.21 -2.14 | 32.61 2.41 -0.43 | 31.28 2.90 -1.54 |
| BABYLON__69_KV_BK2 356345 | 38.95 3.83 -6.92 | 38.00 3.23 -10.13 | 36.92 2.97 -10.75 | 30.08 2.92 -4.53 | 30.22 2.87 -4.96 | 30.84 2.98 -5.09 | 33.99 3.17 -7.02 | 36.94 3.71 -7.29 | 38.20 3.99 -6.11 | 39.11 4.72 -2.02 | 38.24 4.09 -1.15 | 39.27 4.44 -0.42 | 42.94 4.52 -2.81 | 51.16 4.64 -8.83 | 49.19 4.85 -5.20 | 53.58 5.48 -6.25 | 56.45 5.12 -7.59 | 78.17 5.88 -26.03 | 55.82 5.24 -6.57 | 44.84 4.51 -0.01 | 56.32 3.27 -17.92 | 42.69 3.22 -5.91 | 33.87 3.45 -0.64 | 31.71 3.33 -1.54 |
| BARON_WINDS____WT_PWR 323822 | 28.44 0.25 0.00 | 25.09 0.44 0.00 | 23.41 0.21 0.00 | 22.66 0.02 0.00 | 22.50 0.11 0.00 | 23.27 0.50 0.00 | 24.61 0.81 0.00 | 27.40 0.29 -1.17 | 29.64 0.45 -1.09 | 33.30 0.58 -0.35 | 34.24 1.15 -0.09 | 35.45 1.03 0.00 | 36.60 1.00 0.00 | 38.82 1.13 0.00 | 39.92 0.78 0.00 | 43.02 1.17 0.00 | 45.80 1.31 -0.74 | 48.60 1.62 -0.72 | 45.33 1.32 0.00 | 41.80 1.49 0.00 | 36.82 1.69 0.00 | 35.17 1.61 0.00 | 31.41 1.64 0.00 | 27.97 1.13 0.00 |
| BARRETT_IC_1 23704 | 38.05 2.93 -6.93 | 37.27 2.49 -10.14 | 36.25 2.30 -10.76 | 29.45 2.28 -4.53 | 29.58 2.22 -4.97 | 30.19 2.32 -5.10 | 33.25 2.43 -7.02 | 35.99 2.78 -7.27 | 37.11 2.92 -6.09 | 37.68 3.33 -1.98 | 36.60 2.71 -0.90 | 38.39 3.06 -0.92 | 40.98 3.31 -2.06 | 41.47 3.20 -0.58 | 43.27 3.60 -0.53 | 46.93 4.06 -1.02 | 51.97 4.16 -4.07 | 54.23 4.35 -3.62 | 47.88 3.43 -0.43 | 43.25 2.94 0.00 | 36.99 1.86 0.00 | 35.47 1.91 0.00 | 32.01 1.93 -0.31 | 30.74 2.36 -1.54 |
| BARRETT_IC_10 23701 | 38.05 2.93 -6.93 | 37.27 2.49 -10.14 | 36.25 2.30 -10.76 | 29.45 2.28 -4.53 | 29.58 2.22 -4.97 | 30.19 2.32 -5.10 | 33.25 2.43 -7.02 | 35.99 2.78 -7.27 | 37.11 2.92 -6.09 | 37.68 3.33 -1.98 | 36.60 2.71 -0.90 | 38.39 3.06 -0.92 | 40.98 3.31 -2.06 | 41.47 3.20 -0.58 | 43.27 3.60 -0.53 | 46.93 4.06 -1.02 | 51.97 4.16 -4.07 | 54.23 4.35 -3.62 | 47.88 3.43 -0.43 | 43.25 2.94 0.00 | 36.99 1.86 0.00 | 35.47 1.91 0.00 | 32.01 1.93 -0.31 | 30.74 2.36 -1.54 |
| BARRETT_IC_11 23702 | 38.05 2.93 -6.93 | 37.27 2.49 -10.14 | 36.25 2.30 -10.76 | 29.45 2.28 -4.53 | 29.58 2.22 -4.97 | 30.19 2.32 -5.10 | 33.25 2.43 -7.02 | 35.99 2.78 -7.27 | 37.11 2.92 -6.09 | 37.68 3.33 -1.98 | 36.60 2.71 -0.90 | 38.39 3.06 -0.92 | 40.98 3.31 -2.06 | 41.47 3.20 -0.58 | 43.27 3.60 -0.53 | 46.93 4.06 -1.02 | 51.97 4.16 -4.07 | 54.23 4.35 -3.62 | 47.88 3.43 -0.43 | 43.25 2.94 0.00 | 36.99 1.86 0.00 | 35.47 1.91 0.00 | 32.01 1.93 -0.31 | 30.74 2.36 -1.54 |
| BARRETT_IC_12 23703 | 38.05 2.93 -6.93 | 37.27 2.49 -10.14 | 36.25 2.30 -10.76 | 29.45 2.28 -4.53 | 29.58 2.22 -4.97 | 30.19 2.32 -5.10 | 33.25 2.43 -7.02 | 35.99 2.78 -7.27 | 37.11 2.92 -6.09 | 37.68 3.33 -1.98 | 36.60 2.71 -0.90 | 38.39 3.06 -0.92 | 40.98 3.31 -2.06 | 41.47 3.20 -0.58 | 43.27 3.60 -0.53 | 46.93 4.06 -1.02 | 51.97 4.16 -4.07 | 54.23 4.35 -3.62 | 47.88 3.43 -0.43 | 43.25 2.94 0.00 | 36.99 1.86 0.00 | 35.47 1.91 0.00 | 32.01 1.93 -0.31 | 30.74 2.36 -1.54 |
| BARRETT_IC_2 23705 | 38.05 2.93 -6.93 | 37.27 2.49 -10.14 | 36.25 2.30 -10.76 | 29.45 2.28 -4.53 | 29.58 2.22 -4.97 | 30.19 2.32 -5.10 | 33.25 2.43 -7.02 | 35.99 2.78 -7.27 | 37.11 2.92 -6.09 | 37.68 3.33 -1.98 | 36.60 2.71 -0.90 | 38.39 3.06 -0.92 | 40.98 3.31 -2.06 | 41.47 3.20 -0.58 | 43.27 3.60 -0.53 | 46.93 4.06 -1.02 | 51.97 4.16 -4.07 | 54.23 4.35 -3.62 | 47.88 3.43 -0.43 | 43.25 2.94 0.00 | 36.99 1.86 0.00 | 35.47 1.91 0.00 | 32.01 1.93 -0.31 | 30.74 2.36 -1.54 |
| BARRETT_IC_3 23706 | 38.05 2.93 -6.93 | 37.27 2.49 -10.14 | 36.25 2.30 -10.76 | 29.45 2.28 -4.53 | 29.58 2.22 -4.97 | 30.19 2.32 -5.10 | 33.25 2.43 -7.02 | 35.99 2.78 -7.27 | 37.11 2.92 -6.09 | 37.68 3.33 -1.98 | 36.60 2.71 -0.90 | 38.39 3.06 -0.92 | 40.98 3.31 -2.06 | 41.47 3.20 -0.58 | 43.27 3.60 -0.53 | 46.93 4.06 -1.02 | 51.97 4.16 -4.07 | 54.23 4.35 -3.62 | 47.88 3.43 -0.43 | 43.25 2.94 0.00 | 36.99 1.86 0.00 | 35.47 1.91 0.00 | 32.01 1.93 -0.31 | 30.74 2.36 -1.54 |
| BARRETT_IC_4 23707 | 38.05 2.93 -6.93 | 37.27 2.49 -10.14 | 36.25 2.30 -10.76 | 29.45 2.28 -4.53 | 29.58 2.22 -4.97 | 30.19 2.32 -5.10 | 33.25 2.43 -7.02 | 35.99 2.78 -7.27 | 37.11 2.92 -6.09 | 37.68 3.33 -1.98 | 36.60 2.71 -0.90 | 38.39 3.06 -0.92 | 40.98 3.31 -2.06 | 41.47 3.20 -0.58 | 43.27 3.60 -0.53 | 46.93 4.06 -1.02 | 51.97 4.16 -4.07 | 54.23 4.35 -3.62 | 47.88 3.43 -0.43 | 43.25 2.94 0.00 | 36.99 1.86 0.00 | 35.47 1.91 0.00 | 32.01 1.93 -0.31 | 30.74 2.36 -1.54 |
| BARRETT_IC_5 23708 | 38.05 2.93 -6.93 | 37.27 2.49 -10.14 | 36.25 2.30 -10.76 | 29.45 2.28 -4.53 | 29.58 2.22 -4.97 | 30.19 2.32 -5.10 | 33.25 2.43 -7.02 | 35.99 2.78 -7.27 | 37.11 2.92 -6.09 | 37.68 3.33 -1.98 | 36.60 2.71 -0.90 | 38.39 3.06 -0.92 | 40.98 3.31 -2.06 | 41.47 3.20 -0.58 | 43.27 3.60 -0.53 | 46.93 4.06 -1.02 | 51.97 4.16 -4.07 | 54.23 4.35 -3.62 | 47.88 3.43 -0.43 | 43.25 2.94 0.00 | 36.99 1.86 0.00 | 35.47 1.91 0.00 | 32.01 1.93 -0.31 | 30.74 2.36 -1.54 |
| BARRETT_IC_6 23709 | 38.05 2.93 -6.93 | 37.27 2.49 -10.14 | 36.25 2.30 -10.76 | 29.45 2.28 -4.53 | 29.58 2.22 -4.97 | 30.19 2.32 -5.10 | 33.25 2.43 -7.02 | 35.99 2.78 -7.27 | 37.11 2.92 -6.09 | 37.68 3.33 -1.98 | 36.60 2.71 -0.90 | 38.39 3.06 -0.92 | 40.98 3.31 -2.06 | 41.47 3.20 -0.58 | 43.27 3.60 -0.53 | 46.93 4.06 -1.02 | 51.97 4.16 -4.07 | 54.23 4.35 -3.62 | 47.88 3.43 -0.43 | 43.25 2.94 0.00 | 36.99 1.86 0.00 | 35.47 1.91 0.00 | 32.01 1.93 -0.31 | 30.74 2.36 -1.54 |
| BARRETT_IC_7 23710 | 38.04 2.93 -6.92 | 37.26 2.49 -10.13 | 36.27 2.32 -10.75 | 29.45 2.29 -4.53 | 29.59 2.24 -4.96 | 30.18 2.32 -5.09 | 33.23 2.40 -7.02 | 35.98 2.75 -7.29 | 37.07 2.87 -6.11 | 37.84 3.46 -2.02 | 37.00 3.07 -0.94 | 38.13 3.30 -0.41 | 41.08 3.38 -2.09 | 41.98 3.69 -0.60 | 43.53 3.84 -0.55 | 47.12 4.35 -0.92 | 51.77 3.89 -4.13 | 54.43 4.49 -3.68 | 48.40 3.96 -0.43 | 43.57 3.27 0.00 | 37.28 2.14 0.00 | 35.67 2.11 0.00 | 32.49 2.41 -0.31 | 30.74 2.36 -1.54 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BARRETT_IC_8 23711 | 38.05 | 37.27 | 36.25 | 29.45 | 29.58 | 30.19 | 33.25 | 35.99 | 37.11 | 37.68 | 36.60 | 38.39 | 40.98 | 41.47 | 43.27 | 46.93 | 51.97 | 54.23 | 47.88 | 43.25 | 36.99 | 35.47 | 32.01 | 30.74 |
| | 2.93 | 2.49 | 2.30 | 2.28 | 2.22 | 2.32 | 2.43 | 2.78 | 2.92 | 3.33 | 2.71 | 3.06 | 3.31 | 3.20 | 3.60 | 4.06 | 4.16 | 4.35 | 3.43 | 2.94 | 1.86 | 1.91 | 1.93 | 2.36 |
| | -6.93 | -10.14 | -10.76 | -4.53 | -4.97 | -5.10 | -7.02 | -7.27 | -6.09 | -1.98 | -0.90 | -0.92 | -2.06 | -0.58 | -0.53 | -1.02 | -4.07 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | -1.54 |
| BARRETT_IC_9 23700 | 38.05 | 37.27 | 36.25 | 29.45 | 29.58 | 30.19 | 33.25 | 35.99 | 37.11 | 37.68 | 36.60 | 38.39 | 40.98 | 41.47 | 43.27 | 46.93 | 51.97 | 54.23 | 47.88 | 43.25 | 36.99 | 35.47 | 32.01 | 30.74 |
| | 2.93 | 2.49 | 2.30 | 2.28 | 2.22 | 2.32 | 2.43 | 2.78 | 2.92 | 3.33 | 2.71 | 3.06 | 3.31 | 3.20 | 3.60 | 4.06 | 4.16 | 4.35 | 3.43 | 2.94 | 1.86 | 1.91 | 1.93 | 2.36 |
| | -6.93 | -10.14 | -10.76 | -4.53 | -4.97 | -5.10 | -7.02 | -7.27 | -6.09 | -1.98 | -0.90 | -0.92 | -2.06 | -0.58 | -0.53 | -1.02 | -4.07 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | -1.54 |
| BARRETT___1 23545 | 38.05 | 37.27 | 36.25 | 29.45 | 29.58 | 30.19 | 33.25 | 35.99 | 37.11 | 37.68 | 36.60 | 38.39 | 40.98 | 41.47 | 43.27 | 46.93 | 51.97 | 54.23 | 47.88 | 43.25 | 36.99 | 35.47 | 32.01 | 30.74 |
| | 2.93 | 2.49 | 2.30 | 2.28 | 2.22 | 2.32 | 2.43 | 2.78 | 2.92 | 3.33 | 2.71 | 3.06 | 3.31 | 3.20 | 3.60 | 4.06 | 4.16 | 4.35 | 3.43 | 2.94 | 1.86 | 1.91 | 1.93 | 2.36 |
| | -6.93 | -10.14 | -10.76 | -4.53 | -4.97 | -5.10 | -7.02 | -7.27 | -6.09 | -1.98 | -0.90 | -0.92 | -2.06 | -0.58 | -0.53 | -1.02 | -4.07 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | -1.54 |
| BARRETT___2 23546 | 38.05 | 37.27 | 36.25 | 29.45 | 29.58 | 30.19 | 33.25 | 35.99 | 37.11 | 37.68 | 36.60 | 38.39 | 40.98 | 41.47 | 43.27 | 46.93 | 51.97 | 54.23 | 47.88 | 43.25 | 36.99 | 35.47 | 32.01 | 30.74 |
| | 2.93 | 2.49 | 2.30 | 2.28 | 2.22 | 2.32 | 2.43 | 2.78 | 2.92 | 3.33 | 2.71 | 3.06 | 3.31 | 3.20 | 3.60 | 4.06 | 4.16 | 4.35 | 3.43 | 2.94 | 1.86 | 1.91 | 1.93 | 2.36 |
| | -6.93 | -10.14 | -10.76 | -4.53 | -4.97 | -5.10 | -7.02 | -7.27 | -6.09 | -1.98 | -0.90 | -0.92 | -2.06 | -0.58 | -0.53 | -1.02 | -4.07 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | -1.54 |
| BATAVIA___115KV_TB1 55881 | 28.30 | 25.01 | 23.29 | 22.47 | 22.28 | 23.15 | 24.56 | 26.86 | 28.98 | 32.68 | 33.71 | 35.14 | 36.25 | 37.88 | 39.57 | 42.31 | 45.08 | 47.64 | 44.89 | 41.52 | 37.07 | 35.50 | 30.90 | 28.02 |
| | 0.11 | 0.37 | 0.09 | -0.16 | -0.11 | 0.39 | 0.76 | 0.16 | 0.20 | 0.10 | 0.66 | 0.72 | 0.64 | 0.19 | 0.43 | 0.46 | 0.87 | 0.93 | 0.88 | 1.21 | 1.93 | 1.95 | 1.13 | 1.18 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.76 | -0.68 | -0.22 | -0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.46 | -0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BAYONEEC___CTG1 323682 | 31.06 | 26.86 | 25.24 | 24.67 | 24.36 | 24.79 | 25.94 | 33.20 | 34.94 | 37.56 | 36.90 | 38.01 | 39.49 | 41.57 | 43.34 | 46.87 | 52.26 | 54.55 | 48.18 | 43.46 | 37.28 | 35.67 | 32.19 | 28.96 |
| | 2.73 | 2.22 | 2.04 | 2.04 | 1.97 | 2.03 | 2.14 | 2.65 | 2.81 | 3.33 | 3.00 | 3.20 | 3.21 | 3.32 | 3.68 | 4.14 | 4.46 | 4.67 | 3.74 | 3.15 | 2.14 | 2.12 | 2.11 | 2.12 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.61 | -4.03 | -1.86 | -0.90 | -0.39 | -0.68 | -0.56 | -0.53 | -0.87 | -4.05 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |
| BAYONEEC___CTG10 323750 | 31.06 | 26.86 | 25.24 | 24.67 | 24.36 | 24.79 | 25.94 | 33.20 | 34.94 | 37.56 | 36.90 | 38.01 | 39.49 | 41.57 | 43.34 | 46.87 | 52.26 | 54.55 | 48.18 | 43.46 | 37.28 | 35.67 | 32.19 | 28.96 |
| | 2.73 | 2.22 | 2.04 | 2.04 | 1.97 | 2.03 | 2.14 | 2.65 | 2.81 | 3.33 | 3.00 | 3.20 | 3.21 | 3.32 | 3.68 | 4.14 | 4.46 | 4.67 | 3.74 | 3.15 | 2.14 | 2.12 | 2.11 | 2.12 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.61 | -4.03 | -1.86 | -0.90 | -0.39 | -0.68 | -0.56 | -0.53 | -0.87 | -4.05 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |
| BAYONEEC___CTG2 323683 | 31.06 | 26.86 | 25.24 | 24.67 | 24.36 | 24.79 | 25.94 | 33.20 | 34.94 | 37.56 | 36.90 | 38.01 | 39.49 | 41.57 | 43.34 | 46.87 | 52.26 | 54.55 | 48.18 | 43.46 | 37.28 | 35.67 | 32.19 | 28.96 |
| | 2.73 | 2.22 | 2.04 | 2.04 | 1.97 | 2.03 | 2.14 | 2.65 | 2.81 | 3.33 | 3.00 | 3.20 | 3.21 | 3.32 | 3.68 | 4.14 | 4.46 | 4.67 | 3.74 | 3.15 | 2.14 | 2.12 | 2.11 | 2.12 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.61 | -4.03 | -1.86 | -0.90 | -0.39 | -0.68 | -0.56 | -0.53 | -0.87 | -4.05 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |
| BAYONEEC___CTG3 323684 | 31.06 | 26.86 | 25.24 | 24.67 | 24.36 | 24.79 | 25.94 | 33.20 | 34.94 | 37.56 | 36.90 | 38.01 | 39.49 | 41.57 | 43.34 | 46.87 | 52.26 | 54.55 | 48.18 | 43.46 | 37.28 | 35.67 | 32.19 | 28.96 |
| | 2.73 | 2.22 | 2.04 | 2.04 | 1.97 | 2.03 | 2.14 | 2.65 | 2.81 | 3.33 | 3.00 | 3.20 | 3.21 | 3.32 | 3.68 | 4.14 | 4.46 | 4.67 | 3.74 | 3.15 | 2.14 | 2.12 | 2.11 | 2.12 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.61 | -4.03 | -1.86 | -0.90 | -0.39 | -0.68 | -0.56 | -0.53 | -0.87 | -4.05 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |
| BAYONEEC___CTG4 323685 | 31.06 | 26.86 | 25.24 | 24.67 | 24.36 | 24.79 | 25.94 | 33.20 | 34.94 | 37.56 | 36.90 | 38.01 | 39.49 | 41.57 | 43.34 | 46.87 | 52.26 | 54.55 | 48.18 | 43.46 | 37.28 | 35.67 | 32.19 | 28.96 |
| | 2.73 | 2.22 | 2.04 | 2.04 | 1.97 | 2.03 | 2.14 | 2.65 | 2.81 | 3.33 | 3.00 | 3.20 | 3.21 | 3.32 | 3.68 | 4.14 | 4.46 | 4.67 | 3.74 | 3.15 | 2.14 | 2.12 | 2.11 | 2.12 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.61 | -4.03 | -1.86 | -0.90 | -0.39 | -0.68 | -0.56 | -0.53 | -0.87 | -4.05 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |
| BAYONEEC___CTG5 323686 | 31.06 | 26.86 | 25.24 | 24.67 | 24.36 | 24.79 | 25.94 | 33.20 | 34.94 | 37.56 | 36.90 | 38.01 | 39.49 | 41.57 | 43.34 | 46.87 | 52.26 | 54.55 | 48.18 | 43.46 | 37.28 | 35.67 | 32.19 | 28.96 |
| | 2.73 | 2.22 | 2.04 | 2.04 | 1.97 | 2.03 | 2.14 | 2.65 | 2.81 | 3.33 | 3.00 | 3.20 | 3.21 | 3.32 | 3.68 | 4.14 | 4.46 | 4.67 | 3.74 | 3.15 | 2.14 | 2.12 | 2.11 | 2.12 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.61 | -4.03 | -1.86 | -0.90 | -0.39 | -0.68 | -0.56 | -0.53 | -0.87 | -4.05 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |
| BAYONEEC___CTG6 323687 | 31.06 | 26.86 | 25.24 | 24.67 | 24.36 | 24.79 | 25.94 | 33.20 | 34.94 | 37.56 | 36.90 | 38.01 | 39.49 | 41.57 | 43.34 | 46.87 | 52.26 | 54.55 | 48.18 | 43.46 | 37.28 | 35.67 | 32.19 | 28.96 |
| | 2.73 | 2.22 | 2.04 | 2.04 | 1.97 | 2.03 | 2.14 | 2.65 | 2.81 | 3.33 | 3.00 | 3.20 | 3.21 | 3.32 | 3.68 | 4.14 | 4.46 | 4.67 | 3.74 | 3.15 | 2.14 | 2.12 | 2.11 | 2.12 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.61 | -4.03 | -1.86 | -0.90 | -0.39 | -0.68 | -0.56 | -0.53 | -0.87 | -4.05 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |
| BAYONEEC___CTG7 323688 | 31.06 | 26.86 | 25.24 | 24.67 | 24.36 | 24.79 | 25.94 | 33.20 | 34.94 | 37.56 | 36.90 | 38.01 | 39.49 | 41.57 | 43.34 | 46.87 | 52.26 | 54.55 | 48.18 | 43.46 | 37.28 | 35.67 | 32.19 | 28.96 |
| | 2.73 | 2.22 | 2.04 | 2.04 | 1.97 | 2.03 | 2.14 | 2.65 | 2.81 | 3.33 | 3.00 | 3.20 | 3.21 | 3.32 | 3.68 | 4.14 | 4.46 | 4.67 | 3.74 | 3.15 | 2.14 | 2.12 | 2.11 | 2.12 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.61 | -4.03 | -1.86 | -0.90 | -0.39 | -0.68 | -0.56 | -0.53 | -0.87 | -4.05 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |
| BAYONEEC___CTG8 323689 | 31.06 | 26.86 | 25.24 | 24.67 | 24.36 | 24.79 | 25.94 | 33.20 | 34.94 | 37.56 | 36.90 | 38.01 | 39.49 | 41.57 | 43.34 | 46.87 | 52.26 | 54.55 | 48.18 | 43.46 | 37.28 | 35.67 | 32.19 | 28.96 |
| | 2.73 | 2.22 | 2.04 | 2.04 | 1.97 | 2.03 | 2.14 | 2.65 | 2.81 | 3.33 | 3.00 | 3.20 | 3.21 | 3.32 | 3.68 | 4.14 | 4.46 | 4.67 | 3.74 | 3.15 | 2.14 | 2.12 | 2.11 | 2.12 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.61 | -4.03 | -1.86 | -0.90 | -0.39 | -0.68 | -0.56 | -0.53 | -0.87 | -4.05 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |
| BAYONEEC___CTG9 323749 | 31.06 | 26.86 | 25.24 | 24.67 | 24.36 | 24.79 | 25.94 | 33.20 | 34.94 | 37.56 | 36.90 | 38.01 | 39.49 | 41.57 | 43.34 | 46.87 | 52.26 | 54.55 | 48.18 | 43.46 | 37.28 | 35.67 | 32.19 | 28.96 |
| | 2.73 | 2.22 | 2.04 | 2.04 | 1.97 | 2.03 | 2.14 | 2.65 | 2.81 | 3.33 | 3.00 | 3.20 | 3.21 | 3.32 | 3.68 | 4.14 | 4.46 | 4.67 | 3.74 | 3.15 | 2.14 | 2.12 | 2.11 | 2.12 |
| | -0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -4.61 | -4.03 | -1.86 | -0.90 | -0.39 | -0.68 | -0.56 | -0.53 | -0.87 | -4.05 | -3.62 | -0.43 | 0.00 | 0.00 | 0.00 | -0.31 | 0.00 |

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|---|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| BEACON___LESR 323632 | 29.33 1.30 0.15 | 25.68 1.03 0.00 | 24.22 1.02 0.00 | 23.67 1.04 0.00 | 23.40 1.01 0.00 | 23.86 1.09 0.00 | 24.90 1.10 0.00 | 31.91 1.27 -4.70 | 36.47 1.40 -6.97 | 35.63 1.65 -1.61 | 34.60 1.65 0.04 | 35.71 1.72 0.43 | 36.61 1.74 0.74 | 38.88 1.81 0.62 | 40.56 2.00 0.57 | 42.99 2.09 0.95 | 49.30 2.27 -3.28 | 52.21 2.40 -3.54 | 45.34 1.81 0.47 | 41.88 1.57 0.00 | 36.36 1.23 0.00 | 34.66 1.11 0.00 | 30.39 0.95 0.33 | 27.83 0.99 0.00 |
| BEAVER RIVER___HYD 24048 | 27.85 -0.34 0.00 | 24.37 -0.27 0.00 | 22.76 -0.44 0.00 | 22.38 -0.25 0.00 | 22.14 -0.25 0.00 | 22.56 -0.21 0.00 | 23.54 -0.26 0.00 | 25.85 -0.28 -0.20 | 27.79 -0.31 0.00 | 32.04 -0.32 0.00 | 32.56 -0.43 0.00 | 33.97 -0.45 0.00 | 35.14 -0.46 0.00 | 37.20 -0.49 0.00 | 38.59 -0.55 0.00 | 41.14 -0.71 0.00 | 42.82 -0.92 0.00 | 45.48 -0.79 0.00 | 43.83 -0.18 0.00 | 40.23 -0.08 0.00 | 35.31 0.18 0.00 | 33.83 0.27 0.00 | 29.83 0.06 0.00 | 26.73 -0.11 0.00 |
| BEEBEE_GT_13 23619 | 28.16 -0.03 0.00 | 24.82 0.17 0.00 | 23.18 -0.02 0.00 | 22.43 -0.20 0.00 | 22.23 -0.16 0.00 | 22.90 0.14 0.00 | 24.20 0.40 0.00 | 26.72 0.13 -0.65 | 28.78 0.11 -0.57 | 32.64 0.10 -0.18 | 33.47 0.43 -0.05 | 34.90 0.48 0.00 | 36.07 0.46 0.00 | 37.88 0.19 0.00 | 39.49 0.35 0.00 | 42.23 0.38 0.00 | 44.83 0.70 -0.39 | 47.24 0.60 -0.37 | 44.54 0.53 0.00 | 41.04 0.73 0.00 | 36.40 1.26 0.00 | 34.83 1.28 0.00 | 30.49 0.71 0.00 | 27.54 0.70 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 31.50 3.16 -0.15 | 27.21 2.56 0.00 | 25.52 2.32 0.00 | 24.90 2.26 0.00 | 24.65 2.26 0.00 | 24.95 2.19 0.00 | 26.09 2.28 0.00 | 33.59 3.01 -4.64 | 35.35 3.20 -4.04 | 38.19 3.92 -1.91 | 37.59 3.66 -0.94 | 38.65 3.82 -0.41 | 40.33 3.95 -0.77 | 42.49 4.15 -0.65 | 43.84 4.15 -0.55 | 82.53 4.81 -35.86 | 82.67 4.99 -33.94 | 79.13 5.32 -27.54 | 79.37 4.53 -30.83 | 78.87 3.91 -34.66 | 37.91 2.78 0.00 | 38.90 2.72 -2.62 | 38.90 2.80 -6.33 | 29.34 2.50 -0.01 |
| BETHLEHEM___GRP 23843 | 28.89 0.85 0.15 | 25.28 0.64 0.00 | 23.85 0.65 0.00 | 23.33 0.70 0.00 | 23.04 0.65 0.00 | 23.50 0.73 0.00 | 24.51 0.71 0.00 | 31.51 0.83 -4.74 | 35.93 0.90 -6.94 | 35.09 1.07 -1.66 | 34.03 1.02 -0.02 | 35.06 1.03 0.39 | 36.00 1.07 0.67 | 38.30 1.17 0.56 | 39.87 1.25 0.52 | 42.33 1.34 0.86 | 48.54 1.40 -3.39 | 51.36 1.48 -3.61 | 44.61 1.06 0.45 | 41.16 0.85 0.00 | 35.70 0.56 0.00 | 33.99 0.44 0.00 | 29.99 0.54 0.32 | 27.35 0.51 0.00 |
| BETHLEHEM___GS1 323560 | 28.89 0.84 0.15 | 25.31 0.67 0.00 | 23.85 0.65 0.00 | 23.34 0.70 0.00 | 23.04 0.65 0.00 | 23.50 0.73 0.00 | 24.51 0.71 0.00 | 31.50 0.83 -4.72 | 35.92 0.90 -6.92 | 35.06 1.07 -1.63 | 33.94 0.96 0.01 | 35.01 1.00 0.41 | 35.94 1.03 0.70 | 38.16 1.05 0.58 | 39.85 1.25 0.54 | 42.25 1.30 0.90 | 48.47 1.40 -3.33 | 51.31 1.48 -3.56 | 44.53 0.97 0.45 | 41.12 0.81 0.00 | 35.66 0.53 0.00 | 34.03 0.47 0.00 | 29.87 0.42 0.32 | 27.35 0.51 0.00 |
| BETHLEHEM___GS2 323561 | 28.89 0.84 0.15 | 25.31 0.67 0.00 | 23.85 0.65 0.00 | 23.34 0.70 0.00 | 23.04 0.65 0.00 | 23.50 0.73 0.00 | 24.51 0.71 0.00 | 31.50 0.83 -4.72 | 35.92 0.90 -6.92 | 35.06 1.07 -1.63 | 33.94 0.96 0.01 | 35.01 1.00 0.41 | 35.94 1.03 0.70 | 38.16 1.05 0.58 | 39.85 1.25 0.54 | 42.25 1.30 0.90 | 48.47 1.40 -3.33 | 51.31 1.48 -3.56 | 44.53 0.97 0.45 | 41.12 0.81 0.00 | 35.66 0.53 0.00 | 34.03 0.47 0.00 | 29.87 0.42 0.32 | 27.35 0.51 0.00 |
| BETHLEHEM___GS3 323562 | 28.89 0.84 0.15 | 25.31 0.67 0.00 | 23.85 0.65 0.00 | 23.34 0.70 0.00 | 23.04 0.65 0.00 | 23.50 0.73 0.00 | 24.51 0.71 0.00 | 31.50 0.83 -4.72 | 35.92 0.90 -6.92 | 35.06 1.07 -1.63 | 33.94 0.96 0.01 | 35.01 1.00 0.41 | 35.94 1.03 0.70 | 38.16 1.05 0.58 | 39.85 1.25 0.54 | 42.25 1.30 0.90 | 48.47 1.40 -3.33 | 51.31 1.48 -3.56 | 44.53 0.97 0.45 | 41.12 0.81 0.00 | 35.66 0.53 0.00 | 34.03 0.47 0.00 | 29.87 0.42 0.32 | 27.35 0.51 0.00 |
| BETHLEHEM___STEEL 23779 | 27.99 -0.20 0.00 | 24.82 0.17 0.00 | 23.08 -0.12 0.00 | 22.25 -0.38 0.00 | 22.05 -0.34 0.00 | 22.86 0.09 0.00 | 24.35 0.55 0.00 | 26.49 -0.34 -0.89 | 28.80 -0.11 -0.81 | 32.43 -0.19 -0.26 | 33.39 0.33 -0.07 | 34.79 0.38 0.00 | 35.82 0.21 0.00 | 37.54 -0.15 0.00 | 39.30 0.16 0.00 | 42.06 0.21 0.00 | 45.04 0.74 -0.55 | 47.63 0.83 -0.53 | 44.71 0.70 0.00 | 41.20 0.89 0.00 | 36.57 1.44 0.00 | 35.03 1.48 0.00 | 30.58 0.80 0.00 | 27.78 0.94 0.00 |
| BETHLHEM_115KV_TB1 79974 | 28.98 0.93 0.14 | 25.36 0.71 0.00 | 23.92 0.72 0.00 | 23.38 0.75 0.00 | 23.11 0.72 0.00 | 23.56 0.80 0.00 | 24.56 0.76 0.00 | 31.61 0.91 -4.76 | 35.87 0.98 -6.79 | 35.14 1.13 -1.64 | 34.11 1.09 -0.03 | 35.15 1.10 0.37 | 36.11 1.14 0.64 | 38.40 1.24 0.53 | 39.98 1.33 0.49 | 42.46 1.42 0.82 | 48.63 1.53 -3.36 | 51.40 1.57 -3.56 | 44.72 1.14 0.43 | 41.24 0.93 0.00 | 35.77 0.63 0.00 | 34.10 0.54 0.00 | 30.09 0.63 0.30 | 27.43 0.59 0.00 |
| BETHPAGE_CC_5 323564 | 38.29 3.18 -6.92 | 37.46 2.69 -10.13 | 36.46 2.51 -10.75 | 29.63 2.47 -4.53 | 29.75 2.40 -4.96 | 30.36 2.50 -5.09 | 33.46 2.64 -7.02 | 36.35 3.14 -7.27 | 37.48 3.29 -6.09 | 38.13 3.78 -1.98 | 36.92 3.00 -0.92 | 38.71 3.37 -0.92 | 41.39 3.67 -2.11 | 42.94 3.47 -1.78 | 43.98 3.91 -0.93 | 47.72 4.39 -1.47 | 52.62 4.51 -4.36 | 56.53 4.72 -5.55 | 48.76 3.79 -0.96 | 43.54 3.23 0.00 | 40.76 2.18 -3.45 | 37.01 2.31 -1.14 | 32.40 2.26 -0.37 | 31.14 2.77 -1.54 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 28.05 -0.14 0.00 | 24.86 0.22 0.00 | 23.13 -0.07 0.00 | 22.29 -0.34 0.00 | 22.10 -0.29 0.00 | 22.90 0.14 0.00 | 24.40 0.60 0.00 | 26.50 -0.34 -0.90 | 28.86 -0.06 -0.82 | 32.56 -0.06 -0.26 | 33.52 0.46 -0.07 | 34.93 0.52 0.00 | 35.96 0.36 0.00 | 37.69 0.00 0.00 | 39.45 0.31 0.00 | 42.23 0.38 0.00 | 45.18 0.87 -0.56 | 47.78 0.97 -0.54 | 44.84 0.84 0.00 | 41.32 1.01 0.00 | 36.64 1.51 0.00 | 35.14 1.58 0.00 | 30.66 0.89 0.00 | 27.83 0.99 0.00 |
| BINGHAMTON___COGEN 23790 | 28.67 0.48 0.00 | 25.14 0.49 0.00 | 23.57 0.37 0.00 | 22.93 0.29 0.00 | 22.70 0.31 0.00 | 23.40 0.64 0.00 | 24.59 0.79 0.00 | 28.27 0.62 -1.70 | 30.50 0.73 -1.67 | 33.80 0.91 -0.53 | 34.22 1.09 -0.14 | 35.59 1.17 0.00 | 36.78 1.18 0.00 | 38.82 1.13 0.00 | 40.35 1.21 0.00 | 43.23 1.38 0.00 | 46.40 1.53 -1.13 | 48.98 1.62 -1.10 | 45.24 1.23 0.00 | 41.44 1.13 0.00 | 36.26 1.12 0.00 | 34.70 1.14 0.00 | 30.63 0.86 0.00 | 27.65 0.81 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 28.02 -0.17 0.00 | 24.82 0.17 0.00 | 23.06 -0.14 0.00 | 22.18 -0.45 0.00 | 22.01 -0.38 0.00 | 22.90 0.14 0.00 | 24.42 0.62 0.00 | 26.46 -0.44 -0.96 | 29.03 0.06 -0.88 | 32.84 0.19 -0.28 | 33.76 0.69 -0.07 | 35.21 0.79 0.00 | 36.18 0.57 0.00 | 38.03 0.34 0.00 | 39.73 0.59 0.00 | 42.52 0.67 0.00 | 45.43 1.09 -0.59 | 48.00 1.16 -0.58 | 44.93 0.92 0.00 | 41.52 1.21 0.00 | 36.78 1.65 0.00 | 35.30 1.75 0.00 | 30.84 1.07 0.00 | 27.99 1.15 0.00 |
| BLACK RIVER___HYD 24047 | 28.10 -0.08 0.00 | 24.59 -0.05 0.00 | 22.99 -0.21 0.00 | 22.57 -0.07 0.00 | 22.32 -0.07 0.00 | 22.77 0.00 0.00 | 23.73 -0.07 0.00 | 26.16 -0.05 -0.27 | 28.02 -0.08 0.00 | 32.30 -0.06 0.00 | 32.86 -0.13 0.00 | 34.28 -0.14 0.00 | 35.47 -0.14 0.00 | 37.54 -0.15 0.00 | 38.91 -0.23 0.00 | 41.52 -0.34 0.00 | 43.09 -0.65 0.00 | 45.85 -0.42 0.00 | 44.05 0.04 0.00 | 40.51 0.20 0.00 | 35.63 0.49 0.00 | 34.19 0.64 0.00 | 30.07 0.30 0.00 | 26.89 0.05 0.00 |

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| BLACKRVR_115KV_TB2 79977 | 28.10 -0.08 0.00 | 24.59 -0.05 0.00 | 22.99 -0.21 0.00 | 22.56 -0.07 0.00 | 22.32 -0.07 0.00 | 22.77 0.00 0.00 | 23.73 -0.07 0.00 | 26.19 -0.03 -0.27 | 28.02 -0.08 0.00 | 32.30 -0.06 0.00 | 32.83 -0.16 0.00 | 34.28 -0.14 0.00 | 35.43 -0.18 0.00 | 37.46 -0.23 0.00 | 38.91 -0.23 0.00 | 41.48 -0.38 0.00 | 43.00 -0.74 0.00 | 45.76 -0.51 0.00 | 44.01 0.00 0.00 | 40.47 0.16 0.00 | 35.63 0.49 0.00 | 34.20 0.64 0.00 | 30.01 0.24 0.00 | 26.89 0.05 0.00 |
| BLISS_WT_PWR 323608 | 27.96 -0.23 0.00 | 24.77 0.12 0.00 | 23.04 -0.16 0.00 | 22.13 -0.50 0.00 | 22.03 -0.36 0.00 | 22.86 0.09 0.00 | 24.40 0.60 0.00 | 26.45 -0.44 -0.95 | 29.03 0.06 -0.88 | 32.87 0.23 -0.28 | 33.96 0.89 -0.07 | 35.31 0.89 0.00 | 36.39 0.78 0.00 | 38.78 1.09 0.00 | 39.76 0.62 0.00 | 42.85 1.00 0.00 | 45.39 1.05 -0.59 | 48.18 1.34 -0.58 | 45.02 1.01 0.00 | 41.84 1.53 0.00 | 36.92 1.79 0.00 | 35.34 1.78 0.00 | 31.59 1.82 0.00 | 27.99 1.15 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 29.35 1.27 0.10 | 25.68 1.03 0.00 | 24.22 1.02 0.00 | 23.67 1.04 0.00 | 23.40 1.01 0.00 | 23.86 1.09 0.00 | 24.90 1.09 0.00 | 31.94 1.22 -4.78 | 35.49 1.29 -6.10 | 35.42 1.49 -1.57 | 34.60 1.48 -0.12 | 35.66 1.51 0.27 | 36.68 1.53 0.46 | 38.96 1.66 0.38 | 40.54 1.76 0.36 | 43.10 1.84 0.59 | 48.95 1.97 -3.24 | 51.66 2.04 -3.36 | 45.32 1.63 0.32 | 41.72 1.41 0.00 | 36.26 1.12 0.00 | 34.57 1.01 0.00 | 30.56 1.01 0.22 | 27.78 0.94 0.00 |
| BOC_GAS_DRP 24189 | 29.16 1.07 0.10 | 25.51 0.86 0.00 | 24.03 0.84 0.00 | 23.49 0.86 0.00 | 23.22 0.83 0.00 | 23.68 0.91 0.00 | 24.70 0.90 0.00 | 31.83 1.04 -4.85 | 35.15 1.10 -5.96 | 35.19 1.29 -1.53 | 34.36 1.25 -0.12 | 35.43 1.27 0.26 | 36.47 1.32 0.45 | 38.75 1.43 0.38 | 40.28 1.49 0.35 | 42.90 1.63 0.58 | 48.65 1.75 -3.15 | 51.35 1.80 -3.28 | 45.06 1.36 0.31 | 41.48 1.17 0.00 | 35.94 0.81 0.00 | 34.30 0.74 0.00 | 30.36 0.80 0.22 | 27.59 0.75 0.00 |
| BOONVILLE_115KV_TB1 79983 | 28.67 0.48 0.00 | 25.06 0.42 0.00 | 23.50 0.30 0.00 | 22.99 0.36 0.00 | 22.75 0.36 0.00 | 23.15 0.39 0.00 | 24.18 0.38 0.00 | 26.49 0.39 -0.16 | 28.58 0.48 0.00 | 32.91 0.55 0.00 | 33.68 0.69 0.00 | 35.17 0.76 0.00 | 36.39 0.78 0.00 | 38.37 0.68 0.00 | 39.88 0.74 0.00 | 42.56 0.71 0.00 | 44.40 0.66 0.00 | 47.10 0.83 0.00 | 44.89 0.88 0.00 | 41.12 0.81 0.00 | 35.98 0.84 0.00 | 34.40 0.84 0.00 | 30.34 0.57 0.00 | 27.24 0.40 0.00 |
| BORALEX_4TH_BRANCH 23824 | 29.45 1.61 0.35 | 25.97 1.33 0.00 | 24.47 1.28 0.00 | 23.94 1.31 0.00 | 23.64 1.25 0.00 | 24.11 1.34 0.00 | 25.18 1.38 0.00 | 31.62 1.53 -4.15 | 37.62 1.71 -7.80 | 35.38 1.91 -1.11 | 34.10 1.85 0.74 | 35.41 1.96 0.96 | 35.93 1.99 1.67 | 38.41 2.11 1.39 | 40.16 2.31 1.29 | 42.27 2.55 2.14 | 48.55 2.76 -2.05 | 51.96 2.92 -2.78 | 45.19 2.24 1.07 | 42.28 1.97 0.00 | 36.64 1.51 0.00 | 34.93 1.38 0.00 | 30.21 1.19 0.75 | 28.15 1.31 0.00 |
| BOWLINE___1 23526 | 30.46 2.14 -0.13 | 26.47 1.82 0.00 | 24.89 1.69 0.00 | 24.31 1.67 0.00 | 23.98 1.59 0.00 | 24.48 1.71 0.00 | 25.59 1.79 0.00 | 32.44 2.05 -4.45 | 34.13 2.13 -3.90 | 36.73 2.59 -1.78 | 36.18 2.34 -0.85 | 37.29 2.51 -0.36 | 38.80 2.57 -0.63 | 40.89 2.68 -0.52 | 42.60 2.97 -0.49 | 45.96 3.31 -0.80 | 51.19 3.59 -3.86 | 53.51 3.79 -3.45 | 47.36 2.95 -0.40 | 42.77 2.46 0.00 | 36.82 1.69 0.00 | 35.20 1.64 0.00 | 31.63 1.58 -0.28 | 28.48 1.64 0.00 |
| BOWLINE___2 23595 | 30.49 2.17 -0.13 | 26.47 1.82 0.00 | 24.89 1.69 0.00 | 24.33 1.70 0.00 | 24.00 1.61 0.00 | 24.50 1.73 0.00 | 25.59 1.79 0.00 | 32.47 2.08 -4.45 | 34.19 2.19 -3.90 | 36.79 2.65 -1.78 | 36.25 2.41 -0.85 | 37.36 2.58 -0.36 | 38.87 2.63 -0.63 | 40.96 2.75 -0.52 | 42.64 3.01 -0.49 | 46.04 3.39 -0.80 | 51.28 3.68 -3.86 | 53.61 3.89 -3.45 | 47.44 3.03 -0.40 | 42.85 2.54 0.00 | 36.89 1.76 0.00 | 35.27 1.71 0.00 | 31.69 1.64 -0.28 | 28.53 1.69 0.00 |
| BRADY___115KV_TB2 356060 | 27.60 -0.59 0.00 | 24.10 -0.54 0.00 | 22.78 -0.42 0.00 | 22.23 -0.41 0.00 | 21.99 -0.40 0.00 | 22.40 -0.36 0.00 | 23.32 -0.48 0.00 | 25.40 -0.54 0.00 | 27.57 -0.53 0.00 | 31.68 -0.68 0.00 | 32.27 -0.73 0.00 | 33.66 -0.76 0.00 | 34.90 -0.71 0.00 | 36.94 -0.75 0.00 | 38.32 -0.82 0.00 | 40.85 -1.00 0.00 | 42.48 -1.27 0.00 | 45.06 -1.20 0.00 | 42.82 -1.19 0.00 | 39.38 -0.93 0.00 | 34.61 -0.53 0.00 | 33.09 -0.47 0.00 | 29.18 -0.60 0.00 | 26.25 -0.59 0.00 |
| BRANSCOMB___SOLAR 323811 | 30.00 2.00 0.19 | 26.32 1.68 0.00 | 24.80 1.60 0.00 | 24.24 1.61 0.00 | 23.96 1.57 0.00 | 24.45 1.68 0.00 | 25.49 1.69 0.00 | 32.52 1.84 -4.74 | 39.86 2.05 -9.71 | 37.08 2.36 -2.36 | 35.49 2.44 -0.06 | 36.41 2.51 0.52 | 37.23 2.53 0.90 | 39.62 2.68 0.75 | 41.34 2.90 0.70 | 43.67 2.97 1.15 | 51.85 3.28 -4.83 | 54.89 3.51 -5.11 | 46.34 2.90 0.58 | 42.97 2.66 0.00 | 37.42 2.28 0.00 | 35.64 2.08 0.00 | 31.15 1.79 0.41 | 28.53 1.69 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 38.72 3.61 -6.92 | 37.80 3.03 -10.13 | 36.78 2.83 -10.75 | 29.92 2.76 -4.53 | 30.06 2.71 -4.96 | 30.68 2.82 -5.09 | 33.84 3.02 -7.02 | 36.73 3.50 -7.29 | 37.97 3.77 -6.11 | 38.85 4.47 -2.02 | 37.78 3.63 -1.16 | 38.79 3.96 -0.42 | 42.45 4.02 -2.82 | 49.53 4.00 -7.85 | 48.57 4.15 -5.28 | 52.88 4.69 -6.34 | 55.72 4.33 -7.65 | 77.74 5.04 -26.43 | 55.09 4.40 -6.68 | 44.19 3.87 -0.01 | 84.76 2.88 -46.74 | 51.54 2.85 -15.13 | 34.04 3.10 -1.17 | 31.44 3.06 -1.54 |
| BRISTLHL_115KV_TB1 79998 | 27.74 -0.45 0.00 | 24.30 -0.35 0.00 | 22.83 -0.37 0.00 | 22.25 -0.38 0.00 | 22.03 -0.36 0.00 | 22.49 -0.27 0.00 | 23.51 -0.29 0.00 | 26.02 -0.34 -0.42 | 28.05 -0.39 -0.34 | 32.02 -0.45 -0.11 | 32.72 -0.30 -0.03 | 34.11 -0.31 0.00 | 35.25 -0.36 0.00 | 37.20 -0.49 0.00 | 38.63 -0.51 0.00 | 41.31 -0.54 0.00 | 43.45 -0.52 -0.23 | 45.94 -0.56 -0.23 | 43.48 -0.53 0.00 | 39.87 -0.44 0.00 | 34.89 -0.25 0.00 | 33.42 -0.13 0.00 | 29.53 -0.24 0.00 | 26.65 -0.19 0.00 |
| BROOKHAVEN___DRP 24191 | 38.59 3.47 -6.93 | 37.66 2.88 -10.13 | 36.62 2.67 -10.75 | 29.76 2.60 -4.53 | 29.90 2.55 -4.96 | 30.52 2.66 -5.09 | 33.65 2.83 -7.02 | 36.58 3.35 -7.29 | 37.87 3.65 -6.12 | 38.69 4.30 -2.03 | 38.57 3.60 -1.99 | 38.73 3.89 -0.42 | 45.14 3.95 -5.58 | 83.31 4.22 -41.39 | 66.62 4.34 -23.14 | 73.58 4.90 -26.83 | 69.23 4.55 -20.94 | 163.99 5.32 -112.41 | 78.96 4.66 -30.29 | 44.32 3.95 -0.06 | 48.65 2.60 -10.91 | 40.59 2.58 -4.45 | 33.27 2.95 -0.55 | 31.37 2.95 -1.57 |
| BROOKLYN_NAVY_YARD 23515 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.22 2.02 0.00 | 24.65 2.01 0.00 | 24.34 1.95 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.25 2.70 -4.61 | 35.00 2.87 -4.03 | 37.65 3.43 -1.86 | 36.93 3.03 -0.90 | 38.04 3.23 -0.39 | 39.56 3.27 -0.68 | 41.61 3.35 -0.56 | 43.39 3.72 -0.53 | 46.95 4.23 -0.87 | 52.39 4.59 -4.05 | 54.69 4.81 -3.62 | 48.31 3.87 -0.43 | 43.57 3.26 0.00 | 37.35 2.21 0.00 | 35.67 2.12 0.00 | 32.22 2.14 -0.31 | 28.96 2.12 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |

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| BROOKVLE_69_KV_TB1 55790 | 38.27 3.16 -6.92 | 37.41 2.64 -10.13 | 36.39 2.44 -10.75 | 29.56 2.40 -4.53 | 29.70 2.35 -4.96 | 30.29 2.44 -5.09 | 33.39 2.57 -7.02 | 36.26 3.04 -7.29 | 37.49 3.29 -6.11 | 38.33 3.95 -2.02 | 37.62 3.70 -0.94 | 38.72 3.89 -0.41 | 41.72 4.02 -2.09 | 42.55 4.26 -0.60 | 44.12 4.42 -0.55 | 47.75 4.98 -0.92 | 52.73 4.86 -4.13 | 55.31 5.37 -3.68 | 49.06 4.62 -0.43 | 44.18 3.87 0.00 | 37.84 2.71 0.00 | 36.31 2.75 0.00 | 32.88 2.80 -0.31 | 31.01 2.63 -1.54 |
| BROOME_2_LFGE 323671 | 28.67 0.48 0.00 | 25.14 0.49 0.00 | 23.57 0.37 0.00 | 22.93 0.29 0.00 | 22.73 0.34 0.00 | 23.40 0.64 0.00 | 24.58 0.78 0.00 | 28.27 0.62 -1.70 | 30.49 0.73 -1.67 | 33.80 0.90 -0.53 | 34.28 1.15 -0.14 | 35.62 1.20 0.00 | 36.82 1.21 0.00 | 39.01 1.32 0.00 | 40.35 1.21 0.00 | 43.32 1.46 0.00 | 46.45 1.57 -1.13 | 49.16 1.80 -1.10 | 45.28 1.28 0.00 | 41.52 1.21 0.00 | 36.29 1.16 0.00 | 34.66 1.11 0.00 | 30.81 1.04 0.00 | 27.64 0.80 0.00 |
| BROOME___LFGE 323600 | 28.67 0.48 0.00 | 25.14 0.49 0.00 | 23.57 0.37 0.00 | 22.93 0.29 0.00 | 22.73 0.34 0.00 | 23.40 0.64 0.00 | 24.58 0.78 0.00 | 28.27 0.62 -1.70 | 30.49 0.73 -1.67 | 33.80 0.90 -0.53 | 34.28 1.15 -0.14 | 35.62 1.20 0.00 | 36.82 1.21 0.00 | 39.01 1.32 0.00 | 40.35 1.21 0.00 | 43.32 1.46 0.00 | 46.45 1.57 -1.13 | 49.16 1.80 -1.10 | 45.28 1.28 0.00 | 41.52 1.21 0.00 | 36.29 1.16 0.00 | 34.66 1.11 0.00 | 30.81 1.04 0.00 | 27.64 0.80 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 27.29 -0.90 0.00 | 23.85 -0.79 0.00 | 22.39 -0.81 0.00 | 21.95 -0.68 0.00 | 21.72 -0.67 0.00 | 22.13 -0.64 0.00 | 23.09 -0.71 0.00 | 25.30 -0.78 -0.14 | 27.28 -0.81 0.00 | 31.42 -0.94 0.00 | 31.94 -1.06 0.00 | 33.31 -1.10 0.00 | 34.50 -1.10 0.00 | 36.56 -1.13 0.00 | 37.93 -1.21 0.00 | 40.39 -1.46 0.00 | 41.95 -1.79 0.00 | 44.55 -1.71 0.00 | 42.69 -1.32 0.00 | 39.26 -1.05 0.00 | 34.47 -0.67 0.00 | 33.02 -0.54 0.00 | 29.09 -0.68 0.00 | 26.12 -0.72 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 31.37 3.04 -0.14 | 27.13 2.49 0.00 | 25.47 2.27 0.00 | 24.87 2.24 0.00 | 24.61 2.22 0.00 | 25.02 2.25 0.00 | 26.18 2.38 0.00 | 33.53 2.96 -4.63 | 35.26 3.12 -4.04 | 38.05 3.79 -1.90 | 37.46 3.53 -0.94 | 38.48 3.65 -0.41 | 40.10 3.77 -0.72 | 42.28 4.00 -0.60 | 43.84 4.15 -0.55 | 47.58 4.81 -0.92 | 52.91 5.03 -4.13 | 55.31 5.37 -3.68 | 48.93 4.49 -0.43 | 44.14 3.83 0.00 | 37.77 2.64 0.00 | 36.11 2.55 0.00 | 32.76 2.68 -0.31 | 29.26 2.42 0.00 |
| BURROWS___LYONSDAL 23803 | 28.44 0.25 0.00 | 24.89 0.25 0.00 | 23.27 0.07 0.00 | 22.84 0.20 0.00 | 22.59 0.20 0.00 | 22.99 0.23 0.00 | 24.01 0.21 0.00 | 26.32 0.21 -0.17 | 28.38 0.28 0.00 | 32.69 0.32 0.00 | 33.42 0.43 0.00 | 34.86 0.45 0.00 | 36.07 0.46 0.00 | 38.07 0.38 0.00 | 39.57 0.43 0.00 | 42.19 0.33 0.00 | 43.96 0.22 0.00 | 46.64 0.37 0.00 | 44.67 0.66 0.00 | 40.91 0.60 0.00 | 35.84 0.70 0.00 | 34.30 0.74 0.00 | 30.22 0.45 0.00 | 27.14 0.30 0.00 |
| CAITHNESS_CC_1 323624 | 38.50 3.38 -6.93 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.76 2.60 -4.53 | 29.88 2.53 -4.96 | 30.50 2.64 -5.09 | 33.63 2.81 -7.02 | 36.53 3.32 -7.27 | 37.80 3.60 -6.10 | 38.43 4.08 -1.99 | 38.01 3.07 -1.95 | 38.75 3.41 -0.93 | 44.84 3.70 -5.53 | 109.21 3.47 -68.05 | 66.05 3.91 -22.99 | 73.04 4.39 -26.79 | 69.12 4.59 -20.79 | 162.86 4.81 -111.79 | 77.97 3.83 -30.14 | 43.71 3.34 -0.06 | 48.20 2.21 -10.85 | 40.31 2.31 -4.44 | 32.62 2.29 -0.55 | 31.33 2.90 -1.59 |
| CALPINE BETH_PAGE_GT4 24209 | 38.32 3.21 -6.92 | 37.48 2.71 -10.13 | 36.46 2.51 -10.75 | 29.65 2.49 -4.53 | 29.77 2.42 -4.96 | 30.38 2.53 -5.09 | 33.49 2.67 -7.02 | 36.37 3.14 -7.29 | 37.55 3.34 -6.11 | 38.39 4.01 -2.02 | 37.51 3.56 -0.95 | 38.65 3.82 -0.41 | 41.55 3.81 -2.13 | 42.32 4.03 -0.60 | 44.22 4.23 -0.85 | 47.88 4.77 -1.26 | 52.52 4.42 -4.35 | 56.47 5.09 -5.12 | 49.28 4.44 -0.83 | 43.98 3.67 0.00 | 40.25 2.64 -2.48 | 37.03 2.65 -0.82 | 32.98 2.86 -0.35 | 31.14 2.76 -1.54 |
| CALPINE_BETH_PAGE_GT_4 323586 | 38.32 3.21 -6.92 | 37.48 2.71 -10.13 | 36.46 2.51 -10.75 | 29.65 2.49 -4.53 | 29.77 2.42 -4.96 | 30.38 2.53 -5.09 | 33.49 2.67 -7.02 | 36.35 3.14 -7.27 | 37.45 3.26 -6.09 | 38.10 3.75 -1.98 | 36.94 3.03 -0.92 | 38.77 3.44 -0.92 | 41.41 3.70 -2.10 | 42.68 3.51 -1.48 | 43.92 3.95 -0.82 | 47.64 4.43 -1.35 | 52.63 4.59 -4.29 | 56.13 4.81 -5.06 | 48.71 3.87 -0.83 | 43.62 3.31 0.00 | 39.83 2.21 -2.48 | 36.76 2.38 -0.82 | 32.45 2.32 -0.35 | 31.14 2.77 -1.54 |
| CALPINE_BP_GT1 23823 | 38.32 3.21 -6.92 | 37.48 2.71 -10.13 | 36.46 2.51 -10.75 | 29.65 2.49 -4.53 | 29.77 2.42 -4.96 | 30.38 2.53 -5.09 | 33.49 2.67 -7.02 | 36.35 3.14 -7.27 | 37.45 3.26 -6.09 | 38.10 3.75 -1.98 | 36.94 3.03 -0.92 | 38.77 3.44 -0.92 | 41.41 3.70 -2.10 | 42.68 3.51 -1.48 | 43.92 3.95 -0.82 | 47.64 4.43 -1.35 | 52.63 4.59 -4.29 | 56.13 4.81 -5.06 | 48.71 3.87 -0.83 | 43.62 3.31 0.00 | 39.83 2.21 -2.48 | 36.76 2.38 -0.82 | 32.45 2.32 -0.35 | 31.14 2.77 -1.54 |
| CALSPAN___DRP 24200 | 27.99 -0.20 0.00 | 24.82 0.17 0.00 | 23.08 -0.12 0.00 | 22.25 -0.38 0.00 | 22.05 -0.34 0.00 | 22.86 0.09 0.00 | 24.35 0.55 0.00 | 26.49 -0.34 -0.89 | 28.80 -0.11 -0.81 | 32.43 -0.19 -0.26 | 33.39 0.33 -0.07 | 34.79 0.38 0.00 | 35.82 0.21 0.00 | 37.54 -0.15 0.00 | 39.30 0.16 0.00 | 42.06 0.21 0.00 | 45.04 0.74 -0.55 | 47.63 0.83 -0.53 | 44.71 0.70 0.00 | 41.20 0.89 0.00 | 36.57 1.44 0.00 | 35.03 1.48 0.00 | 30.58 0.80 0.00 | 27.78 0.94 0.00 |
| CALVERTON___SOLAR 323806 | 38.73 3.61 -6.93 | 37.78 3.01 -10.13 | 36.76 2.81 -10.75 | 29.90 2.74 -4.53 | 29.99 2.64 -4.96 | 30.63 2.78 -5.09 | 33.77 2.95 -7.02 | 36.69 3.48 -7.27 | 37.99 3.79 -6.10 | 38.66 4.30 -1.99 | 38.32 3.37 -1.96 | 39.09 3.75 -0.93 | 45.22 4.06 -5.55 | 110.09 3.85 -68.56 | 66.61 4.31 -23.16 | 73.65 4.81 -26.99 | 69.64 4.99 -20.91 | 164.18 5.32 -112.59 | 78.63 4.27 -30.36 | 44.12 3.75 -0.06 | 48.62 2.56 -10.93 | 40.63 2.62 -4.45 | 32.86 2.53 -0.55 | 31.52 3.09 -1.59 |
| CANDIGU_WT_PWR 323617 | 28.44 0.25 0.00 | 25.09 0.44 0.00 | 23.41 0.21 0.00 | 22.66 0.02 0.00 | 22.50 0.11 0.00 | 23.27 0.50 0.00 | 24.61 0.81 0.00 | 27.40 0.29 -1.17 | 29.64 0.45 -1.09 | 33.30 0.58 -0.35 | 34.24 1.15 -0.09 | 35.45 1.03 0.00 | 36.60 1.00 0.00 | 38.82 1.13 0.00 | 39.92 0.78 0.00 | 43.02 1.17 0.00 | 45.80 1.31 -0.74 | 48.60 1.62 -0.72 | 45.33 1.32 0.00 | 41.80 1.49 0.00 | 36.82 1.69 0.00 | 35.17 1.61 0.00 | 31.41 1.64 0.00 | 27.97 1.13 0.00 |
| CARR STREET_E_SYR 24060 | 28.02 -0.17 0.00 | 24.54 -0.10 0.00 | 23.04 -0.16 0.00 | 22.45 -0.18 0.00 | 22.23 -0.16 0.00 | 22.72 -0.05 0.00 | 23.78 -0.02 0.00 | 26.34 -0.08 -0.48 | 28.39 -0.11 -0.40 | 32.30 -0.19 -0.13 | 32.99 -0.03 -0.03 | 34.38 -0.03 0.00 | 35.57 -0.04 0.00 | 37.69 0.00 0.00 | 38.98 -0.16 0.00 | 41.77 -0.08 0.00 | 43.93 -0.09 -0.27 | 46.53 0.00 -0.26 | 43.92 -0.09 0.00 | 40.23 -0.08 0.00 | 35.17 0.04 0.00 | 33.59 0.03 0.00 | 29.89 0.12 0.00 | 26.89 0.05 0.00 |
| CARTHAGE___PAPER 23857 | 27.96 -0.23 0.00 | 24.44 -0.20 0.00 | 22.83 -0.37 0.00 | 22.43 -0.20 0.00 | 22.19 -0.20 0.00 | 22.63 -0.14 0.00 | 23.61 -0.19 0.00 | 25.98 -0.21 -0.24 | 27.85 -0.25 0.00 | 32.10 -0.26 0.00 | 32.60 -0.39 0.00 | 34.00 -0.41 0.00 | 35.18 -0.43 0.00 | 37.24 -0.45 0.00 | 38.63 -0.51 0.00 | 41.23 -0.63 0.00 | 42.82 -0.92 0.00 | 45.52 -0.74 0.00 | 43.88 -0.13 0.00 | 40.31 0.00 0.00 | 35.41 0.28 0.00 | 33.96 0.40 0.00 | 29.89 0.12 0.00 | 26.76 -0.08 0.00 |

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| CASSADAGA_WT_PWR 323784 | 28.95 0.76 0.00 | 25.68 1.03 0.00 | 23.87 0.67 0.00 | 23.02 0.38 0.00 | 22.86 0.47 0.00 | 23.68 0.91 0.00 | 25.28 1.48 0.00 | 27.60 0.73 -0.93 | 29.99 1.04 -0.85 | 33.96 1.33 -0.27 | 35.24 2.18 -0.07 | 36.41 2.00 0.00 | 37.56 1.96 0.00 | 39.91 2.22 0.00 | 40.94 1.80 0.00 | 44.11 2.26 0.00 | 46.68 2.36 -0.58 | 49.65 2.82 -0.56 | 46.43 2.42 0.00 | 43.05 2.74 0.00 | 38.09 2.95 0.00 | 36.38 2.82 0.00 | 32.48 2.71 0.00 | 28.67 1.83 0.00 |
| CE_DUNWOOD___DRP 24194 | 30.78 2.45 -0.14 | 26.66 2.02 0.00 | 25.06 1.86 0.00 | 24.49 1.86 0.00 | 24.20 1.81 0.00 | 24.66 1.89 0.00 | 25.78 1.98 0.00 | 32.92 2.36 -4.62 | 34.66 2.53 -4.04 | 37.30 3.04 -1.90 | 36.80 2.87 -0.93 | 37.79 2.96 -0.41 | 39.38 3.06 -0.72 | 41.56 3.28 -0.59 | 43.10 3.41 -0.55 | 46.66 3.89 -0.91 | 51.93 4.07 -4.12 | 54.28 4.35 -3.67 | 48.05 3.61 -0.43 | 43.33 3.02 0.00 | 37.24 2.11 0.00 | 35.54 1.98 0.00 | 32.19 2.11 -0.31 | 28.75 1.91 0.00 |
| CE_MILLWOOD___DRP 24193 | 30.67 2.34 -0.14 | 26.59 1.95 0.00 | 25.01 1.81 0.00 | 24.44 1.81 0.00 | 24.14 1.75 0.00 | 24.59 1.82 0.00 | 25.70 1.90 0.00 | 32.82 2.28 -4.60 | 34.54 2.42 -4.02 | 37.19 2.94 -1.89 | 36.69 2.77 -0.93 | 37.68 2.86 -0.41 | 39.24 2.92 -0.71 | 41.45 3.17 -0.59 | 42.98 3.29 -0.55 | 46.48 3.72 -0.91 | 51.74 3.89 -4.10 | 54.08 4.16 -3.65 | 47.87 3.43 -0.43 | 43.21 2.90 0.00 | 37.14 2.00 0.00 | 35.47 1.91 0.00 | 32.10 2.02 -0.30 | 28.64 1.80 0.00 |
| CE_NYC2_DRP 24202 | 31.21 2.88 -0.15 | 26.98 2.34 0.00 | 25.33 2.13 0.00 | 24.74 2.10 0.00 | 24.47 2.08 0.00 | 24.84 2.07 0.00 | 25.97 2.17 0.00 | 33.33 2.75 -4.64 | 35.07 2.92 -4.04 | 37.80 3.53 -1.91 | 37.19 3.27 -0.94 | 38.20 3.37 -0.41 | 39.78 3.45 -0.72 | 41.87 3.58 -0.60 | 43.29 3.60 -0.55 | 46.95 4.19 -0.92 | 52.21 4.33 -4.13 | 54.57 4.63 -3.68 | 48.26 3.83 -0.43 | 43.57 3.27 0.00 | 37.42 2.28 0.00 | 35.81 2.25 0.00 | 32.52 2.44 -0.31 | 29.04 2.20 0.00 |
| CE_NYC_DRP 24195 | 31.09 2.76 -0.14 | 26.89 2.24 0.00 | 25.26 2.06 0.00 | 24.69 2.06 0.00 | 24.40 2.01 0.00 | 24.82 2.05 0.00 | 25.97 2.17 0.00 | 33.24 2.67 -4.63 | 34.98 2.84 -4.04 | 37.69 3.43 -1.90 | 37.10 3.17 -0.94 | 38.13 3.30 -0.41 | 39.71 3.38 -0.72 | 41.90 3.62 -0.60 | 43.41 3.72 -0.55 | 47.08 4.31 -0.92 | 52.38 4.51 -4.13 | 54.75 4.81 -3.68 | 48.40 3.96 -0.43 | 43.66 3.35 0.00 | 37.38 2.25 0.00 | 35.74 2.18 0.00 | 32.46 2.38 -0.31 | 28.99 2.15 0.00 |
| CHAFFEE___LFGE 323603 | 28.13 -0.06 0.00 | 24.94 0.30 0.00 | 23.22 0.02 0.00 | 22.38 -0.25 0.00 | 22.23 -0.16 0.00 | 22.97 0.20 0.00 | 24.47 0.67 0.00 | 26.65 -0.21 -0.92 | 29.00 0.06 -0.84 | 32.73 0.10 -0.27 | 33.95 0.89 -0.07 | 35.21 0.79 0.00 | 36.36 0.75 0.00 | 38.67 0.98 0.00 | 39.65 0.51 0.00 | 42.82 0.96 0.00 | 45.32 1.01 -0.57 | 48.21 1.39 -0.55 | 45.15 1.14 0.00 | 41.80 1.49 0.00 | 36.92 1.79 0.00 | 35.27 1.71 0.00 | 31.56 1.79 0.00 | 27.91 1.07 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 27.40 -0.79 0.00 | 24.08 -0.57 0.00 | 22.90 -0.30 0.00 | 22.29 -0.34 0.00 | 22.16 -0.22 0.00 | 22.68 -0.09 0.00 | 23.73 -0.07 0.00 | 25.94 0.00 0.00 | 28.16 0.06 0.00 | 32.36 0.00 0.00 | 32.89 -0.10 0.00 | 34.31 -0.10 0.00 | 35.61 0.00 0.00 | 37.88 0.19 0.00 | 39.18 0.04 0.00 | 41.68 -0.17 0.00 | 43.39 -0.35 0.00 | 46.13 -0.14 0.00 | 43.74 -0.26 0.00 | 40.31 0.00 0.00 | 35.45 0.32 0.00 | 33.79 0.23 0.00 | 29.77 0.00 0.00 | 26.73 -0.11 0.00 |
| CHATEAUG_WT_PWR 323614 | 27.40 -0.79 0.00 | 24.10 -0.54 0.00 | 22.90 -0.30 0.00 | 22.29 -0.34 0.00 | 22.16 -0.22 0.00 | 22.70 -0.07 0.00 | 23.75 -0.05 0.00 | 25.94 0.00 0.00 | 28.18 0.08 0.00 | 32.39 0.03 0.00 | 32.93 -0.07 0.00 | 34.35 -0.07 0.00 | 35.64 0.04 0.00 | 37.77 0.08 0.00 | 39.22 0.08 0.00 | 41.68 -0.17 0.00 | 43.48 -0.26 0.00 | 46.08 -0.18 0.00 | 43.88 -0.13 0.00 | 40.39 0.08 0.00 | 35.49 0.35 0.00 | 33.83 0.27 0.00 | 29.77 0.00 0.00 | 26.79 -0.05 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 27.40 -0.79 0.00 | 24.08 -0.57 0.00 | 22.90 -0.30 0.00 | 22.29 -0.34 0.00 | 22.16 -0.22 0.00 | 22.68 -0.09 0.00 | 23.73 -0.07 0.00 | 25.94 0.00 0.00 | 28.16 0.06 0.00 | 32.36 0.00 0.00 | 32.89 -0.10 0.00 | 34.31 -0.10 0.00 | 35.61 0.00 0.00 | 37.73 0.04 0.00 | 39.18 0.04 0.00 | 41.64 -0.21 0.00 | 43.39 -0.35 0.00 | 46.03 -0.23 0.00 | 43.83 -0.18 0.00 | 40.31 0.00 0.00 | 35.45 0.32 0.00 | 33.79 0.24 0.00 | 29.74 -0.03 0.00 | 26.73 -0.11 0.00 |
| CHAUTAUQUA___LFGE 323629 | 28.61 0.42 0.00 | 25.38 0.74 0.00 | 23.62 0.42 0.00 | 22.77 0.14 0.00 | 22.61 0.22 0.00 | 23.40 0.64 0.00 | 24.94 1.14 0.00 | 27.25 0.39 -0.92 | 29.55 0.62 -0.84 | 33.44 0.81 -0.27 | 34.64 1.58 -0.07 | 35.89 1.48 0.00 | 37.03 1.43 0.00 | 39.43 1.73 0.00 | 40.39 1.25 0.00 | 43.61 1.76 0.00 | 46.15 1.84 -0.57 | 49.04 2.22 -0.55 | 45.94 1.93 0.00 | 42.53 2.22 0.00 | 37.63 2.49 0.00 | 35.91 2.35 0.00 | 32.09 2.32 0.00 | 28.37 1.53 0.00 |
| CHERRYST_13_KV_LD 356241 | 31.21 2.88 -0.14 | 26.98 2.34 0.00 | 25.33 2.13 0.00 | 24.76 2.13 0.00 | 24.49 2.10 0.00 | 24.88 2.12 0.00 | 26.06 2.26 0.00 | 33.37 2.80 -4.63 | 35.12 2.98 -4.04 | 37.85 3.59 -1.90 | 37.29 3.37 -0.94 | 38.30 3.48 -0.41 | 39.89 3.56 -0.72 | 42.09 3.81 -0.60 | 43.61 3.91 -0.55 | 47.33 4.56 -0.92 | 52.64 4.77 -4.13 | 54.99 5.04 -3.68 | 48.62 4.18 -0.43 | 43.82 3.51 0.00 | 37.52 2.39 0.00 | 35.84 2.28 0.00 | 32.55 2.47 -0.31 | 29.07 2.23 0.00 |
| CHESTROR_138KV_BK263 355645 | 30.16 1.86 -0.12 | 26.20 1.55 0.00 | 24.64 1.44 0.00 | 24.08 1.45 0.00 | 23.75 1.37 0.00 | 24.27 1.50 0.00 | 25.35 1.55 0.00 | 31.96 1.76 -4.25 | 33.68 1.85 -3.73 | 36.29 2.23 -1.69 | 35.88 2.08 -0.81 | 36.93 2.17 -0.34 | 38.48 2.28 -0.59 | 40.67 2.49 -0.49 | 42.18 2.58 -0.46 | 45.54 2.93 -0.76 | 50.48 3.06 -3.68 | 52.80 3.24 -3.29 | 46.96 2.60 -0.35 | 42.49 2.18 0.00 | 36.64 1.51 0.00 | 35.03 1.48 0.00 | 31.60 1.58 -0.25 | 28.26 1.42 0.00 |
| CH_MIDHUDSON___DRP 24192 | 30.40 2.11 -0.09 | 26.39 1.75 0.00 | 24.85 1.65 0.00 | 24.28 1.65 0.00 | 23.93 1.54 0.00 | 24.43 1.66 0.00 | 25.49 1.69 0.00 | 32.47 1.95 -4.58 | 34.21 2.05 -4.06 | 36.47 2.39 -1.71 | 35.98 2.24 -0.75 | 37.00 2.31 -0.28 | 38.59 2.49 -0.49 | 40.77 2.68 -0.41 | 42.34 2.82 -0.38 | 45.66 3.18 -0.63 | 50.77 3.32 -3.70 | 53.15 3.52 -3.36 | 47.16 2.86 -0.29 | 42.73 2.42 0.00 | 36.86 1.72 0.00 | 35.20 1.64 0.00 | 31.70 1.73 -0.20 | 28.40 1.56 0.00 |
| CH_MISC_IPPS 23765 | 30.58 2.28 -0.11 | 26.51 1.87 0.00 | 24.96 1.76 0.00 | 24.40 1.77 0.00 | 24.02 1.63 0.00 | 24.52 1.75 0.00 | 25.59 1.79 0.00 | 32.48 2.02 -4.51 | 34.23 2.13 -3.99 | 36.53 2.46 -1.71 | 35.96 2.21 -0.76 | 37.05 2.34 -0.29 | 38.68 2.57 -0.51 | 40.79 2.68 -0.42 | 42.50 2.97 -0.39 | 45.77 3.27 -0.65 | 50.93 3.50 -3.69 | 53.31 3.70 -3.34 | 47.28 2.95 -0.32 | 42.81 2.50 0.00 | 36.96 1.83 0.00 | 35.34 1.78 0.00 | 31.70 1.70 -0.23 | 28.53 1.69 0.00 |
| CH_RES_BVR_FALLS 23983 | 27.71 -0.48 0.00 | 24.22 -0.42 0.00 | 22.85 -0.35 0.00 | 22.29 -0.34 0.00 | 22.05 -0.34 0.00 | 22.40 -0.37 0.00 | 23.42 -0.38 0.00 | 25.52 -0.42 0.00 | 27.68 -0.42 0.00 | 31.84 -0.52 0.00 | 32.43 -0.56 0.00 | 33.83 -0.59 0.00 | 35.04 -0.57 0.00 | 37.09 -0.60 0.00 | 38.51 -0.63 0.00 | 41.14 -0.71 0.00 | 42.96 -0.79 0.00 | 45.43 -0.83 0.00 | 43.26 -0.75 0.00 | 39.66 -0.65 0.00 | 34.64 -0.49 0.00 | 33.09 -0.47 0.00 | 29.29 -0.48 0.00 | 26.41 -0.43 0.00 |

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| CH_RES_NIAGARA 23895 | 26.92 -1.27 0.00 | 24.08 -0.57 0.00 | 22.25 -0.95 0.00 | 21.45 -1.18 0.00 | 21.31 -1.07 0.00 | 22.02 -0.75 0.00 | 23.47 -0.33 0.00 | 25.67 -1.09 -0.82 | 27.60 -1.24 -0.74 | 31.08 -1.52 -0.24 | 32.26 -0.79 -0.06 | 33.38 -1.03 0.00 | 34.50 -1.10 0.00 | 36.75 -0.94 0.00 | 37.50 -1.64 0.00 | 40.64 -1.22 0.00 | 42.93 -1.31 -0.50 | 45.60 -1.15 -0.49 | 42.95 -1.06 0.00 | 39.83 -0.48 0.00 | 35.27 0.14 0.00 | 33.66 0.10 0.00 | 30.25 0.47 0.00 | 26.73 -0.11 0.00 |
| CH_RES_SYRACUSE 23985 | 28.19 0.00 0.00 | 24.69 0.05 0.00 | 23.18 -0.02 0.00 | 22.57 -0.07 0.00 | 22.37 -0.02 0.00 | 22.86 0.09 0.00 | 23.92 0.12 0.00 | 26.56 0.08 -0.54 | 28.64 0.08 -0.46 | 32.64 0.13 -0.15 | 33.39 0.36 -0.04 | 34.79 0.38 0.00 | 36.00 0.39 0.00 | 38.07 0.38 0.00 | 39.38 0.24 0.00 | 42.18 0.33 0.00 | 44.45 0.39 -0.31 | 47.03 0.46 -0.30 | 44.36 0.35 0.00 | 40.63 0.32 0.00 | 35.56 0.42 0.00 | 33.96 0.40 0.00 | 30.16 0.39 0.00 | 27.08 0.24 0.00 |
| CLINTON_WT_PWR 323605 | 27.40 -0.79 0.00 | 24.10 -0.54 0.00 | 22.90 -0.30 0.00 | 22.29 -0.34 0.00 | 22.16 -0.22 0.00 | 22.70 -0.07 0.00 | 23.75 -0.05 0.00 | 25.94 0.00 0.00 | 28.18 0.08 0.00 | 32.39 0.03 0.00 | 32.93 -0.07 0.00 | 34.35 -0.07 0.00 | 35.64 0.04 0.00 | 37.77 0.08 0.00 | 39.22 0.08 0.00 | 41.68 -0.17 0.00 | 43.48 -0.26 0.00 | 46.08 -0.18 0.00 | 43.88 -0.13 0.00 | 40.39 0.08 0.00 | 35.49 0.35 0.00 | 33.83 0.27 0.00 | 29.77 0.00 0.00 | 26.79 -0.05 0.00 |
| CLINTON___LFGE 323618 | 27.68 -0.51 0.00 | 24.30 -0.35 0.00 | 23.15 -0.05 0.00 | 22.50 -0.13 0.00 | 22.39 0.00 0.00 | 22.93 0.16 0.00 | 23.99 0.19 0.00 | 26.20 0.26 0.00 | 28.46 0.36 0.00 | 32.72 0.36 0.00 | 33.22 0.23 0.00 | 34.66 0.24 0.00 | 36.00 0.39 0.00 | 38.14 0.45 0.00 | 39.61 0.47 0.00 | 42.06 0.21 0.00 | 43.83 0.09 0.00 | 46.50 0.23 0.00 | 44.23 0.22 0.00 | 40.75 0.44 0.00 | 35.91 0.77 0.00 | 34.26 0.71 0.00 | 30.10 0.33 0.00 | 27.03 0.19 0.00 |
| COBBLENY_34_KV_TB1 80064 | 28.13 -0.06 0.00 | 24.94 0.30 0.00 | 23.20 0.00 0.00 | 22.36 -0.27 0.00 | 22.16 -0.22 0.00 | 22.97 0.20 0.00 | 24.47 0.67 0.00 | 26.63 -0.23 -0.92 | 29.00 0.06 -0.84 | 32.66 0.03 -0.27 | 33.66 0.59 -0.07 | 35.07 0.65 0.00 | 36.11 0.50 0.00 | 37.84 0.15 0.00 | 39.61 0.47 0.00 | 42.40 0.54 0.00 | 45.37 1.05 -0.57 | 48.02 1.20 -0.55 | 45.06 1.06 0.00 | 41.48 1.17 0.00 | 36.78 1.65 0.00 | 35.24 1.68 0.00 | 30.75 0.98 0.00 | 27.91 1.07 0.00 |
| COFFEEN___115KV_TB3 355620 | 28.33 0.14 0.00 | 24.79 0.15 0.00 | 23.15 -0.05 0.00 | 22.72 0.09 0.00 | 22.48 0.09 0.00 | 22.93 0.16 0.00 | 23.90 0.10 0.00 | 26.38 0.16 -0.28 | 28.18 0.08 0.00 | 32.52 0.16 0.00 | 33.09 0.10 0.00 | 34.55 0.14 0.00 | 35.71 0.11 0.00 | 37.73 0.04 0.00 | 39.14 0.00 0.00 | 41.77 -0.08 0.00 | 43.22 -0.52 0.00 | 46.08 -0.19 0.00 | 44.32 0.31 0.00 | 40.79 0.48 0.00 | 35.91 0.77 0.00 | 34.50 0.94 0.00 | 30.22 0.45 0.00 | 27.05 0.21 0.00 |
| COLDSPRG_115KV_BK1 355956 | 29.03 0.85 0.00 | 25.75 1.11 0.00 | 23.94 0.74 0.00 | 23.06 0.43 0.00 | 22.86 0.47 0.00 | 23.77 1.00 0.00 | 25.35 1.55 0.00 | 27.53 0.62 -0.96 | 30.14 1.15 -0.89 | 34.07 1.42 -0.28 | 35.08 2.01 -0.07 | 36.38 1.96 0.00 | 37.25 1.64 0.00 | 39.20 1.51 0.00 | 40.98 1.84 0.00 | 43.82 1.97 0.00 | 46.75 2.41 -0.60 | 49.48 2.64 -0.58 | 46.38 2.38 0.00 | 42.73 2.42 0.00 | 37.91 2.78 0.00 | 36.44 2.89 0.00 | 31.77 1.99 0.00 | 28.77 1.93 0.00 |
| COLONIE_LFGE___ 323577 | 29.44 1.46 0.22 | 25.85 1.21 0.00 | 24.36 1.16 0.00 | 23.83 1.20 0.00 | 23.53 1.14 0.00 | 24.02 1.25 0.00 | 25.06 1.26 0.00 | 31.93 1.40 -4.59 | 38.51 1.54 -8.86 | 36.11 1.78 -1.97 | 34.61 1.75 0.13 | 35.64 1.82 0.60 | 36.42 1.85 1.04 | 38.78 1.96 0.86 | 40.49 2.15 0.80 | 42.82 2.30 1.33 | 50.22 2.49 -3.98 | 53.26 2.64 -4.36 | 45.37 2.03 0.66 | 42.08 1.77 0.00 | 36.54 1.41 0.00 | 34.87 1.31 0.00 | 30.43 1.13 0.47 | 28.02 1.18 0.00 |
| COOPERNY_115KV_TB1 80082 | 29.67 1.41 -0.07 | 25.85 1.21 0.00 | 24.29 1.09 0.00 | 23.74 1.11 0.00 | 23.44 1.05 0.00 | 24.00 1.23 0.00 | 25.09 1.29 0.00 | 30.76 1.45 -3.36 | 32.64 1.55 -2.99 | 35.47 1.84 -1.27 | 35.30 1.75 -0.56 | 36.45 1.82 -0.21 | 37.86 1.89 -0.37 | 40.07 2.07 -0.30 | 41.58 2.15 -0.28 | 44.75 2.43 -0.47 | 49.02 2.54 -2.74 | 51.48 2.73 -2.49 | 46.28 2.07 -0.21 | 42.04 1.73 0.00 | 36.36 1.23 0.00 | 34.73 1.17 0.00 | 31.14 1.22 -0.15 | 27.94 1.10 0.00 |
| COPENHAGEN_WT_PWR 323753 | 28.08 -0.11 0.00 | 24.57 -0.07 0.00 | 22.97 -0.23 0.00 | 22.54 -0.09 0.00 | 22.30 -0.09 0.00 | 22.74 -0.02 0.00 | 23.71 -0.09 0.00 | 26.15 -0.08 -0.29 | 27.99 -0.11 0.00 | 32.27 -0.10 0.00 | 32.86 -0.13 0.00 | 34.28 -0.14 0.00 | 35.43 -0.18 0.00 | 37.50 -0.19 0.00 | 38.87 -0.27 0.00 | 41.47 -0.38 0.00 | 43.09 -0.65 0.00 | 45.80 -0.46 0.00 | 43.96 -0.04 0.00 | 40.43 0.12 0.00 | 35.56 0.42 0.00 | 34.09 0.54 0.00 | 30.04 0.27 0.00 | 26.87 0.03 0.00 |
| CORNELL___ 23752 | 28.92 0.73 0.00 | 25.36 0.71 0.00 | 23.78 0.58 0.00 | 23.13 0.50 0.00 | 22.93 0.54 0.00 | 23.56 0.80 0.00 | 24.70 0.90 0.00 | 27.98 0.86 -1.18 | 30.13 0.90 -1.14 | 33.76 1.04 -0.36 | 34.34 1.25 -0.09 | 35.72 1.31 0.00 | 36.96 1.35 0.00 | 38.97 1.28 0.00 | 40.47 1.33 0.00 | 43.32 1.46 0.00 | 46.18 1.66 -0.77 | 48.86 1.85 -0.75 | 45.64 1.63 0.00 | 41.88 1.57 0.00 | 36.71 1.58 0.00 | 35.10 1.54 0.00 | 30.93 1.16 0.00 | 27.86 1.02 0.00 |
| CORONA_AV_69_KV_TB1 355595 | 38.30 3.19 -6.92 | 37.43 2.66 -10.13 | 36.41 2.46 -10.75 | 29.60 2.44 -4.53 | 29.72 2.37 -4.96 | 30.32 2.46 -5.09 | 33.39 2.57 -7.02 | 36.21 2.98 -7.29 | 37.38 3.18 -6.11 | 38.20 3.82 -2.02 | 37.49 3.56 -0.94 | 38.65 3.82 -0.41 | 41.65 3.95 -2.09 | 42.55 4.26 -0.60 | 44.12 4.42 -0.55 | 47.62 4.85 -0.92 | 52.56 4.68 -4.13 | 55.22 5.27 -3.68 | 49.06 4.62 -0.43 | 44.18 3.87 0.00 | 37.84 2.71 0.00 | 36.18 2.62 0.00 | 32.82 2.74 -0.31 | 31.01 2.63 -1.54 |
| CORTLAND_115KV_TB3 80093 | 28.67 0.48 0.00 | 25.11 0.47 0.00 | 23.57 0.37 0.00 | 22.95 0.32 0.00 | 22.72 0.34 0.00 | 23.31 0.55 0.00 | 24.44 0.64 0.00 | 27.49 0.60 -0.96 | 29.65 0.67 -0.88 | 33.42 0.78 -0.28 | 34.02 0.96 -0.07 | 35.41 1.00 0.00 | 36.64 1.03 0.00 | 38.71 1.02 0.00 | 40.20 1.06 0.00 | 42.98 1.13 0.00 | 45.61 1.27 -0.60 | 48.19 1.34 -0.58 | 45.15 1.14 0.00 | 41.40 1.09 0.00 | 36.22 1.09 0.00 | 34.60 1.04 0.00 | 30.58 0.80 0.00 | 27.54 0.70 0.00 |
| COXSACKIE___GT 23611 | 30.34 2.23 0.07 | 26.32 1.68 0.00 | 24.82 1.62 0.00 | 24.28 1.65 0.00 | 23.87 1.48 0.00 | 24.41 1.64 0.00 | 25.40 1.59 0.00 | 32.27 1.66 -4.66 | 35.48 1.54 -5.83 | 35.65 1.71 -1.58 | 34.70 1.52 -0.19 | 35.76 1.55 0.20 | 37.25 1.99 0.35 | 39.70 2.30 0.29 | 41.37 2.51 0.27 | 43.91 2.51 0.45 | 49.37 2.36 -3.26 | 52.15 2.54 -3.34 | 46.29 2.51 0.23 | 42.36 2.05 0.00 | 37.10 1.97 0.00 | 35.47 1.91 0.00 | 31.40 1.79 0.16 | 28.34 1.50 0.00 |
| CPV_VALLEY___CC1 323721 | 29.92 1.63 -0.10 | 26.02 1.38 0.00 | 24.47 1.28 0.00 | 23.90 1.27 0.00 | 23.57 1.19 0.00 | 24.11 1.34 0.00 | 25.20 1.40 0.00 | 31.44 1.58 -3.92 | 33.23 1.69 -3.45 | 35.87 2.01 -1.51 | 35.49 1.81 -0.69 | 36.65 1.96 -0.27 | 38.11 2.03 -0.48 | 40.20 2.11 -0.40 | 41.82 2.31 -0.37 | 45.06 2.60 -0.61 | 49.80 2.80 -3.26 | 52.17 2.96 -2.94 | 46.51 2.20 -0.30 | 42.16 1.86 0.00 | 36.40 1.26 0.00 | 34.76 1.21 0.00 | 31.18 1.19 -0.21 | 28.05 1.21 0.00 |

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| CPV_VALLEY___CC2 323722 | 29.92 1.63 -0.10 | 26.02 1.38 0.00 | 24.47 1.28 0.00 | 23.90 1.27 0.00 | 23.57 1.19 0.00 | 24.11 1.34 0.00 | 25.20 1.40 0.00 | 31.44 1.58 -3.92 | 33.23 1.69 -3.45 | 35.87 2.01 -1.51 | 35.49 1.81 -0.69 | 36.65 1.96 -0.27 | 38.11 2.03 -0.48 | 40.20 2.11 -0.40 | 41.82 2.31 -0.37 | 45.06 2.60 -0.61 | 49.80 2.80 -3.26 | 52.17 2.96 -2.94 | 46.51 2.20 -0.30 | 42.16 1.86 0.00 | 36.40 1.26 0.00 | 34.76 1.21 0.00 | 31.18 1.19 -0.21 | 28.05 1.21 0.00 |
| CRESCENT___HYD 24018 | 29.44 1.46 0.22 | 25.85 1.21 0.00 | 24.36 1.16 0.00 | 23.83 1.20 0.00 | 23.53 1.14 0.00 | 24.02 1.25 0.00 | 25.06 1.26 0.00 | 31.93 1.40 -4.59 | 38.51 1.54 -8.86 | 36.11 1.78 -1.97 | 34.61 1.75 0.13 | 35.64 1.82 0.60 | 36.42 1.85 1.04 | 38.78 1.96 0.86 | 40.49 2.15 0.80 | 42.82 2.30 1.33 | 50.22 2.49 -3.98 | 53.26 2.64 -4.36 | 45.37 2.03 0.66 | 42.08 1.77 0.00 | 36.54 1.41 0.00 | 34.87 1.31 0.00 | 30.43 1.13 0.47 | 28.02 1.18 0.00 |
| CRICKET___VALLEY_CC1 323756 | 27.70 1.66 2.15 | 26.05 1.40 0.00 | 24.54 1.35 0.00 | 24.01 1.38 0.00 | 23.69 1.30 0.00 | 24.16 1.39 0.00 | 25.23 1.43 0.00 | 26.08 1.64 1.50 | 29.96 1.74 -0.12 | 25.83 2.07 8.60 | 26.21 1.81 8.59 | 30.43 1.96 5.95 | 27.28 1.99 10.32 | 31.20 2.07 8.56 | 33.52 2.35 7.97 | 31.26 2.60 13.19 | 26.67 2.84 19.92 | 34.76 3.01 14.51 | 39.63 2.20 6.58 | 42.16 1.86 0.00 | 36.36 1.23 0.00 | 34.73 1.17 0.00 | 26.26 1.13 4.64 | 28.08 1.24 0.00 |
| CRICKET___VALLEY_CC2 323757 | 27.70 1.66 2.15 | 26.05 1.40 0.00 | 24.54 1.35 0.00 | 24.01 1.38 0.00 | 23.69 1.30 0.00 | 24.16 1.39 0.00 | 25.23 1.43 0.00 | 26.08 1.64 1.50 | 29.96 1.74 -0.12 | 25.83 2.07 8.60 | 26.21 1.81 8.59 | 30.43 1.96 5.95 | 27.28 1.99 10.32 | 31.20 2.07 8.56 | 33.52 2.35 7.97 | 31.26 2.60 13.19 | 26.67 2.84 19.92 | 34.76 3.01 14.51 | 39.63 2.20 6.58 | 42.16 1.86 0.00 | 36.36 1.23 0.00 | 34.73 1.17 0.00 | 26.26 1.13 4.64 | 28.08 1.24 0.00 |
| CRICKET___VALLEY_CC3 323758 | 27.70 1.66 2.15 | 26.05 1.40 0.00 | 24.54 1.35 0.00 | 24.01 1.38 0.00 | 23.69 1.30 0.00 | 24.16 1.39 0.00 | 25.23 1.43 0.00 | 26.08 1.64 1.50 | 29.96 1.74 -0.12 | 25.83 2.07 8.60 | 26.21 1.81 8.59 | 30.43 1.96 5.95 | 27.28 1.99 10.32 | 31.20 2.07 8.56 | 33.52 2.35 7.97 | 31.26 2.60 13.19 | 26.67 2.84 19.92 | 34.76 3.01 14.51 | 39.63 2.20 6.58 | 42.16 1.86 0.00 | 36.36 1.23 0.00 | 34.73 1.17 0.00 | 26.26 1.13 4.64 | 28.08 1.24 0.00 |
| CRUCIBLE_METL_DRP 24180 | 28.19 0.00 0.00 | 24.69 0.05 0.00 | 23.18 -0.02 0.00 | 22.56 -0.07 0.00 | 22.37 -0.02 0.00 | 22.86 0.09 0.00 | 23.92 0.12 0.00 | 26.56 0.08 -0.54 | 28.67 0.11 -0.46 | 32.64 0.13 -0.15 | 33.36 0.33 -0.04 | 34.76 0.34 0.00 | 35.96 0.36 0.00 | 37.95 0.26 0.00 | 39.37 0.23 0.00 | 42.14 0.29 0.00 | 44.36 0.31 -0.31 | 46.89 0.32 -0.30 | 44.27 0.26 0.00 | 40.59 0.28 0.00 | 35.52 0.39 0.00 | 33.96 0.40 0.00 | 30.01 0.24 0.00 | 27.08 0.24 0.00 |
| DAHOWA___HYDRO 323763 | 30.15 2.14 0.18 | 26.42 1.78 0.00 | 24.89 1.69 0.00 | 24.33 1.70 0.00 | 24.05 1.66 0.00 | 24.56 1.80 0.00 | 25.61 1.81 0.00 | 32.71 2.00 -4.77 | 40.15 2.22 -9.83 | 37.38 2.59 -2.43 | 35.79 2.71 -0.09 | 36.67 2.75 0.50 | 37.51 2.78 0.87 | 39.87 2.90 0.72 | 41.60 3.13 0.67 | 43.96 3.22 1.11 | 52.25 3.54 -4.97 | 55.30 3.79 -5.24 | 46.62 3.17 0.56 | 43.17 2.86 0.00 | 37.63 2.49 0.00 | 35.84 2.28 0.00 | 31.31 1.93 0.39 | 28.67 1.83 0.00 |
| DANC___LFGE 323619 | 27.96 -0.23 0.00 | 24.47 -0.17 0.00 | 22.92 -0.28 0.00 | 22.43 -0.20 0.00 | 22.19 -0.20 0.00 | 22.63 -0.14 0.00 | 23.66 -0.14 0.00 | 26.10 -0.18 -0.34 | 27.87 -0.23 0.00 | 32.14 -0.22 0.00 | 32.79 -0.20 0.00 | 34.18 -0.24 0.00 | 35.32 -0.29 0.00 | 37.43 -0.26 0.00 | 38.75 -0.39 0.00 | 41.39 -0.46 0.00 | 43.04 -0.70 0.00 | 45.76 -0.51 0.00 | 43.75 -0.26 0.00 | 40.19 -0.12 0.00 | 35.24 0.11 0.00 | 33.86 0.30 0.00 | 29.89 0.12 0.00 | 26.76 -0.08 0.00 |
| DANSKAMMER___1 23586 | 30.58 2.28 -0.11 | 26.51 1.87 0.00 | 24.96 1.76 0.00 | 24.40 1.77 0.00 | 24.02 1.63 0.00 | 24.52 1.75 0.00 | 25.59 1.79 0.00 | 32.48 2.02 -4.51 | 34.23 2.13 -3.99 | 36.53 2.46 -1.71 | 35.96 2.21 -0.76 | 37.05 2.34 -0.29 | 38.68 2.57 -0.51 | 40.79 2.68 -0.42 | 42.50 2.97 -0.39 | 45.77 3.27 -0.65 | 50.93 3.50 -3.69 | 53.31 3.70 -3.34 | 47.28 2.95 -0.32 | 42.81 2.50 0.00 | 36.96 1.83 0.00 | 35.34 1.78 0.00 | 31.70 1.70 -0.23 | 28.53 1.69 0.00 |
| DANSKAMMER___2 23589 | 30.58 2.28 -0.11 | 26.51 1.87 0.00 | 24.96 1.76 0.00 | 24.40 1.77 0.00 | 24.02 1.63 0.00 | 24.52 1.75 0.00 | 25.59 1.79 0.00 | 32.48 2.02 -4.51 | 34.23 2.13 -3.99 | 36.53 2.46 -1.71 | 35.96 2.21 -0.76 | 37.05 2.34 -0.29 | 38.68 2.57 -0.51 | 40.79 2.68 -0.42 | 42.50 2.97 -0.39 | 45.77 3.27 -0.65 | 50.93 3.50 -3.69 | 53.31 3.70 -3.34 | 47.28 2.95 -0.32 | 42.81 2.50 0.00 | 36.96 1.83 0.00 | 35.34 1.78 0.00 | 31.70 1.70 -0.23 | 28.53 1.69 0.00 |
| DANSKAMMER___3 23590 | 30.58 2.28 -0.11 | 26.51 1.87 0.00 | 24.96 1.76 0.00 | 24.40 1.77 0.00 | 24.02 1.63 0.00 | 24.52 1.75 0.00 | 25.59 1.79 0.00 | 32.48 2.02 -4.51 | 34.23 2.13 -3.99 | 36.53 2.46 -1.71 | 35.96 2.21 -0.76 | 37.05 2.34 -0.29 | 38.68 2.57 -0.51 | 40.79 2.68 -0.42 | 42.50 2.97 -0.39 | 45.77 3.27 -0.65 | 50.93 3.50 -3.69 | 53.31 3.70 -3.34 | 47.28 2.95 -0.32 | 42.81 2.50 0.00 | 36.96 1.83 0.00 | 35.34 1.78 0.00 | 31.70 1.70 -0.23 | 28.53 1.69 0.00 |
| DANSKAMMER___4 23591 | 30.58 2.28 -0.11 | 26.51 1.87 0.00 | 24.96 1.76 0.00 | 24.40 1.77 0.00 | 24.02 1.63 0.00 | 24.52 1.75 0.00 | 25.59 1.79 0.00 | 32.48 2.02 -4.51 | 34.23 2.13 -3.99 | 36.53 2.46 -1.71 | 35.96 2.21 -0.76 | 37.05 2.34 -0.29 | 38.68 2.57 -0.51 | 40.79 2.68 -0.42 | 42.50 2.97 -0.39 | 45.77 3.27 -0.65 | 50.93 3.50 -3.69 | 53.31 3.70 -3.34 | 47.28 2.95 -0.32 | 42.81 2.50 0.00 | 36.96 1.83 0.00 | 35.34 1.78 0.00 | 31.70 1.70 -0.23 | 28.53 1.69 0.00 |
| DANSKAMMER___DIESEL 23592 | 30.58 2.28 -0.11 | 26.52 1.87 0.00 | 24.96 1.76 0.00 | 24.40 1.77 0.00 | 24.02 1.63 0.00 | 24.52 1.75 0.00 | 25.59 1.79 0.00 | 32.50 2.02 -4.53 | 34.24 2.14 -4.01 | 36.56 2.46 -1.74 | 36.09 2.31 -0.79 | 37.10 2.37 -0.31 | 38.75 2.60 -0.54 | 40.97 2.83 -0.45 | 42.53 2.97 -0.42 | 45.89 3.35 -0.69 | 50.97 3.46 -3.77 | 53.37 3.70 -3.41 | 47.37 3.04 -0.32 | 42.85 2.54 0.00 | 37.00 1.86 0.00 | 35.37 1.81 0.00 | 31.87 1.88 -0.23 | 28.53 1.69 0.00 |
| DARBY___SOLAR 323810 | 30.06 2.06 0.19 | 26.37 1.72 0.00 | 24.82 1.62 0.00 | 24.26 1.63 0.00 | 23.98 1.59 0.00 | 24.50 1.73 0.00 | 25.54 1.74 0.00 | 32.63 1.95 -4.74 | 39.98 2.16 -9.71 | 37.22 2.49 -2.36 | 35.66 2.61 -0.06 | 36.55 2.65 0.52 | 37.41 2.70 0.90 | 39.77 2.83 0.75 | 41.50 3.05 0.70 | 43.84 3.14 1.15 | 51.99 3.41 -4.83 | 55.04 3.65 -5.12 | 46.47 3.03 0.57 | 43.05 2.74 0.00 | 37.49 2.35 0.00 | 35.71 2.15 0.00 | 31.21 1.85 0.41 | 28.58 1.74 0.00 |
| DASHVILLE___HYD 23610 | 30.35 2.11 -0.05 | 26.15 1.50 0.00 | 24.59 1.39 0.00 | 24.04 1.40 0.00 | 23.69 1.30 0.00 | 24.13 1.37 0.00 | 25.20 1.40 0.00 | 32.32 1.89 -4.49 | 33.98 1.49 -4.39 | 36.26 2.27 -1.63 | 35.69 2.11 -0.59 | 36.74 2.17 -0.15 | 38.30 2.42 -0.27 | 40.06 2.15 -0.22 | 42.05 2.70 -0.21 | 45.29 3.10 -0.34 | 49.69 2.45 -3.49 | 52.13 2.59 -3.27 | 46.88 2.73 -0.15 | 42.08 1.77 0.00 | 36.29 1.16 0.00 | 34.70 1.14 0.00 | 31.57 1.70 -0.10 | 28.07 1.23 0.00 |

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| DEERFIELD_69_KV_DEERFIELD LD 355887 | 39.71 4.59 -6.93 | 38.59 3.82 -10.13 | 37.48 3.53 -10.75 | 30.58 3.42 -4.53 | 30.71 3.36 -4.96 | 31.36 3.51 -5.09 | 34.56 3.74 -7.02 | 37.56 4.33 -7.29 | 39.05 4.83 -6.12 | 40.12 5.73 -2.03 | 40.26 5.28 -1.99 | 40.52 5.68 -0.42 | 47.05 5.84 -5.60 | 85.79 6.11 -42.00 | 68.74 6.34 -23.26 | 75.85 7.03 -26.97 | 71.51 6.74 -21.02 | 166.91 7.68 -112.96 | 81.36 6.91 -30.44 | 46.33 5.97 -0.06 | 50.32 4.22 -10.97 | 42.14 4.13 -4.46 | 34.58 4.26 -0.56 | 32.47 4.05 -1.57 |
| DELAWARE___LFGE 323621 | 29.40 1.21 0.00 | 25.70 1.06 0.00 | 24.15 0.95 0.00 | 23.58 0.95 0.00 | 23.31 0.92 0.00 | 24.11 1.34 0.00 | 25.25 1.45 0.00 | 29.74 1.53 -2.26 | 32.92 1.66 -3.16 | 35.35 1.97 -1.01 | 35.24 1.98 -0.26 | 36.48 2.06 0.00 | 37.74 2.14 0.00 | 39.91 2.22 0.00 | 41.49 2.35 0.00 | 44.40 2.55 0.00 | 48.55 2.67 -2.14 | 51.17 2.82 -2.08 | 45.94 1.94 0.00 | 42.00 1.69 0.00 | 36.54 1.41 0.00 | 34.90 1.34 0.00 | 30.99 1.22 0.00 | 27.91 1.07 0.00 |
| DERFIELD_115KV_TB7 355931 | 28.30 0.11 0.00 | 24.74 0.10 0.00 | 23.27 0.07 0.00 | 22.70 0.07 0.00 | 22.46 0.07 0.00 | 22.79 0.02 0.00 | 23.82 0.02 0.00 | 25.97 0.03 0.00 | 28.13 0.03 0.00 | 32.39 0.03 0.00 | 33.02 0.03 0.00 | 34.48 0.07 0.00 | 35.64 0.04 0.00 | 37.73 0.04 0.00 | 39.22 0.08 0.00 | 41.89 0.04 0.00 | 43.83 0.09 0.00 | 46.36 0.09 0.00 | 44.23 0.22 0.00 | 40.47 0.16 0.00 | 35.24 0.11 0.00 | 33.66 0.10 0.00 | 29.86 0.09 0.00 | 26.92 0.08 0.00 |
| DOGLEVILLE___HYD 23807 | 28.02 -0.17 0.00 | 24.52 -0.12 0.00 | 23.06 -0.14 0.00 | 22.50 -0.13 0.00 | 22.26 -0.13 0.00 | 22.61 -0.16 0.00 | 23.66 -0.14 0.00 | 25.76 -0.18 0.00 | 27.99 -0.11 0.00 | 32.27 -0.10 0.00 | 33.09 0.10 0.00 | 34.52 0.10 0.00 | 35.79 0.18 0.00 | 37.65 -0.04 0.00 | 39.10 -0.04 0.00 | 41.81 -0.04 0.00 | 43.74 0.00 0.00 | 46.26 0.00 0.00 | 44.18 0.18 0.00 | 40.47 0.16 0.00 | 35.24 0.11 0.00 | 33.66 0.10 0.00 | 29.83 0.06 0.00 | 26.92 0.08 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 28.55 0.37 0.00 | 25.31 0.67 0.00 | 23.55 0.35 0.00 | 22.70 0.07 0.00 | 22.50 0.11 0.00 | 23.36 0.59 0.00 | 24.87 1.07 0.00 | 27.14 0.29 -0.92 | 29.47 0.53 -0.84 | 33.28 0.65 -0.27 | 34.25 1.19 -0.07 | 35.65 1.24 0.00 | 36.68 1.07 0.00 | 38.48 0.79 0.00 | 40.28 1.14 0.00 | 43.11 1.26 0.00 | 46.06 1.75 -0.57 | 48.71 1.90 -0.55 | 45.72 1.72 0.00 | 42.12 1.81 0.00 | 37.35 2.21 0.00 | 35.81 2.25 0.00 | 31.23 1.46 0.00 | 28.32 1.48 0.00 |
| DUNKIRK___1 23563 | 28.55 0.37 0.00 | 25.31 0.67 0.00 | 23.55 0.35 0.00 | 22.70 0.07 0.00 | 22.50 0.11 0.00 | 23.36 0.59 0.00 | 24.87 1.07 0.00 | 27.14 0.29 -0.92 | 29.47 0.53 -0.84 | 33.28 0.65 -0.27 | 34.25 1.19 -0.07 | 35.65 1.24 0.00 | 36.68 1.07 0.00 | 38.48 0.79 0.00 | 40.28 1.14 0.00 | 43.11 1.26 0.00 | 46.06 1.75 -0.57 | 48.71 1.90 -0.55 | 45.72 1.72 0.00 | 42.12 1.81 0.00 | 37.35 2.21 0.00 | 35.81 2.25 0.00 | 31.23 1.46 0.00 | 28.32 1.48 0.00 |
| DUNKIRK___2 23564 | 28.55 0.37 0.00 | 25.31 0.67 0.00 | 23.55 0.35 0.00 | 22.70 0.07 0.00 | 22.50 0.11 0.00 | 23.36 0.59 0.00 | 24.87 1.07 0.00 | 27.14 0.29 -0.92 | 29.47 0.53 -0.84 | 33.28 0.65 -0.27 | 34.25 1.19 -0.07 | 35.65 1.24 0.00 | 36.68 1.07 0.00 | 38.48 0.79 0.00 | 40.28 1.14 0.00 | 43.11 1.26 0.00 | 46.06 1.75 -0.57 | 48.71 1.90 -0.55 | 45.72 1.72 0.00 | 42.12 1.81 0.00 | 37.35 2.21 0.00 | 35.81 2.25 0.00 | 31.23 1.46 0.00 | 28.32 1.48 0.00 |
| DUNKIRK___3 23565 | 28.30 0.11 0.00 | 25.11 0.47 0.00 | 23.36 0.16 0.00 | 22.52 -0.11 0.00 | 22.32 -0.07 0.00 | 23.15 0.39 0.00 | 24.66 0.86 0.00 | 26.88 0.03 -0.91 | 29.19 0.25 -0.83 | 32.95 0.32 -0.27 | 33.89 0.82 -0.07 | 35.31 0.89 0.00 | 36.32 0.71 0.00 | 38.14 0.45 0.00 | 39.88 0.74 0.00 | 42.69 0.84 0.00 | 45.67 1.36 -0.56 | 48.29 1.48 -0.55 | 45.33 1.32 0.00 | 41.72 1.41 0.00 | 37.00 1.86 0.00 | 35.47 1.91 0.00 | 30.96 1.19 0.00 | 28.07 1.23 0.00 |
| DUNKIRK___4 23566 | 28.30 0.11 0.00 | 25.11 0.47 0.00 | 23.36 0.16 0.00 | 22.52 -0.11 0.00 | 22.32 -0.07 0.00 | 23.15 0.39 0.00 | 24.66 0.86 0.00 | 26.88 0.03 -0.91 | 29.19 0.25 -0.83 | 32.95 0.32 -0.27 | 33.89 0.82 -0.07 | 35.31 0.89 0.00 | 36.32 0.71 0.00 | 38.14 0.45 0.00 | 39.88 0.74 0.00 | 42.69 0.84 0.00 | 45.67 1.36 -0.56 | 48.29 1.48 -0.55 | 45.33 1.32 0.00 | 41.72 1.41 0.00 | 37.00 1.86 0.00 | 35.47 1.91 0.00 | 30.96 1.19 0.00 | 28.07 1.23 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 30.87 2.54 -0.14 | 26.74 2.09 0.00 | 25.15 1.95 0.00 | 24.56 1.92 0.00 | 24.27 1.88 0.00 | 24.72 1.96 0.00 | 25.85 2.05 0.00 | 33.06 2.49 -4.63 | 34.79 2.64 -4.04 | 37.47 3.20 -1.90 | 36.93 3.00 -0.94 | 37.93 3.10 -0.41 | 39.53 3.20 -0.72 | 41.72 3.43 -0.60 | 43.26 3.56 -0.55 | 46.83 4.06 -0.92 | 52.12 4.24 -4.13 | 54.48 4.53 -3.68 | 48.23 3.78 -0.43 | 43.49 3.18 0.00 | 37.35 2.21 0.00 | 35.67 2.11 0.00 | 32.31 2.23 -0.31 | 28.83 1.99 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 30.35 2.06 -0.11 | 26.34 1.70 0.00 | 24.78 1.58 0.00 | 24.22 1.58 0.00 | 23.87 1.48 0.00 | 24.38 1.62 0.00 | 25.44 1.64 0.00 | 32.24 1.89 -4.40 | 33.96 1.97 -3.89 | 36.40 2.33 -1.70 | 35.95 2.18 -0.78 | 36.97 2.24 -0.31 | 38.57 2.42 -0.54 | 40.78 2.64 -0.45 | 42.30 2.74 -0.42 | 45.64 3.10 -0.69 | 50.67 3.24 -3.69 | 53.02 3.42 -3.33 | 47.15 2.82 -0.32 | 42.65 2.34 0.00 | 36.78 1.65 0.00 | 35.17 1.61 0.00 | 31.73 1.73 -0.23 | 28.37 1.53 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 31.30 2.96 -0.15 | 27.07 2.42 -0.01 | 25.41 2.20 -0.01 | 24.84 2.20 -0.01 | 24.55 2.15 -0.01 | 24.84 2.07 0.00 | 25.89 2.09 0.00 | 33.28 2.70 -4.64 | 34.95 2.81 -4.04 | 37.67 3.40 -1.91 | 37.03 3.10 -0.94 | 38.03 3.20 -0.41 | 39.60 3.28 -0.72 | 41.68 3.39 -0.60 | 43.10 3.41 -0.55 | 46.74 3.98 -0.92 | 51.99 4.11 -4.13 | 54.29 4.35 -3.68 | 48.13 3.70 -0.43 | 43.37 3.06 0.00 | 37.24 2.11 0.00 | 35.67 2.11 0.00 | 32.37 2.29 -0.31 | 29.12 2.28 0.00 |
| E179THST_13_KV_LOAD 356214 | 31.47 3.13 -0.15 | 27.21 2.56 -0.01 | 25.55 2.34 -0.01 | 24.95 2.31 -0.01 | 24.68 2.28 -0.01 | 24.98 2.21 0.00 | 26.04 2.24 0.00 | 33.46 2.88 -4.64 | 35.12 2.98 -4.04 | 37.90 3.62 -1.91 | 37.26 3.33 -0.94 | 38.30 3.48 -0.41 | 39.85 3.53 -0.72 | 41.98 3.69 -0.60 | 43.37 3.68 -0.55 | 47.08 4.31 -0.92 | 52.38 4.51 -4.13 | 54.71 4.77 -3.68 | 48.53 4.09 -0.43 | 43.74 3.43 0.00 | 37.49 2.35 0.00 | 35.87 2.32 0.00 | 32.58 2.50 -0.31 | 29.28 2.44 0.00 |
| EAST HAMPTON___GT 23717 | 40.39 5.27 -6.93 | 39.18 4.41 -10.13 | 38.06 4.11 -10.75 | 31.12 3.96 -4.53 | 31.22 3.87 -4.96 | 31.89 4.03 -5.09 | 35.13 4.31 -7.02 | 38.19 4.98 -7.27 | 39.77 5.56 -6.10 | 40.76 6.41 -1.99 | 40.79 5.84 -1.96 | 41.71 6.37 -0.93 | 47.94 6.77 -5.57 | 113.05 6.59 -68.76 | 69.46 7.09 -23.23 | 76.70 7.78 -27.07 | 72.80 8.09 -20.96 | 167.79 8.60 -112.92 | 81.90 7.44 -30.45 | 46.98 6.61 -0.06 | 50.99 4.88 -10.98 | 42.85 4.83 -4.46 | 34.76 4.44 -0.56 | 33.13 4.70 -1.59 |
| EAST RIVER___6 23660 | 31.06 2.73 -0.14 | 26.89 2.24 0.00 | 25.24 2.04 0.00 | 24.69 2.06 0.00 | 24.38 1.99 0.00 | 24.77 2.00 0.00 | 25.92 2.12 0.00 | 33.20 2.65 -4.61 | 34.94 2.81 -4.03 | 37.62 3.40 -1.86 | 36.87 2.97 -0.90 | 37.97 3.16 -0.39 | 39.49 3.21 -0.68 | 41.65 3.39 -0.56 | 43.39 3.72 -0.53 | 46.95 4.23 -0.87 | 52.43 4.63 -4.05 | 54.69 4.81 -3.62 | 48.27 3.83 -0.43 | 43.49 3.18 0.00 | 37.28 2.14 0.00 | 35.64 2.08 0.00 | 32.16 2.08 -0.31 | 28.96 2.12 0.00 |

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| EAST_RIVER___7 23524 | 31.06 2.73 -0.14 | 26.89 2.24 0.00 | 25.24 2.04 0.00 | 24.69 2.06 0.00 | 24.38 1.99 0.00 | 24.77 2.00 0.00 | 25.92 2.12 0.00 | 33.20 2.65 -4.61 | 34.94 2.81 -4.03 | 37.62 3.40 -1.86 | 36.87 2.97 -0.90 | 37.97 3.16 -0.39 | 39.49 3.21 -0.68 | 41.65 3.39 -0.56 | 43.39 3.72 -0.53 | 46.95 4.23 -0.87 | 52.43 4.63 -4.05 | 54.69 4.81 -3.62 | 48.27 3.83 -0.43 | 43.49 3.18 0.00 | 37.28 2.14 0.00 | 35.64 2.08 0.00 | 32.16 2.08 -0.31 | 28.96 2.12 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 30.78 2.45 -0.14 | 26.66 2.02 0.00 | 25.06 1.86 0.00 | 24.49 1.86 0.00 | 24.20 1.81 0.00 | 24.66 1.89 0.00 | 25.78 1.98 0.00 | 32.92 2.36 -4.62 | 34.66 2.53 -4.04 | 37.30 3.04 -1.90 | 36.80 2.87 -0.93 | 37.79 2.96 -0.41 | 39.38 3.06 -0.72 | 41.56 3.28 -0.59 | 43.10 3.41 -0.55 | 46.66 3.89 -0.91 | 51.93 4.07 -4.12 | 54.28 4.35 -3.67 | 48.05 3.61 -0.43 | 43.33 3.02 0.00 | 37.24 2.11 0.00 | 35.54 1.98 0.00 | 32.19 2.11 -0.31 | 28.75 1.91 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 40.39 5.27 -6.93 | 39.21 4.43 -10.13 | 38.06 4.11 -10.75 | 31.14 3.98 -4.53 | 31.25 3.90 -4.96 | 31.89 4.03 -5.09 | 35.13 4.31 -7.02 | 38.19 4.98 -7.27 | 39.77 5.56 -6.10 | 40.79 6.44 -1.99 | 40.79 5.84 -1.96 | 41.74 6.40 -0.93 | 47.98 6.80 -5.57 | 113.04 6.59 -68.76 | 69.49 7.12 -23.23 | 76.70 7.78 -27.06 | 72.80 8.09 -20.96 | 167.83 8.65 -112.92 | 81.90 7.44 -30.45 | 46.98 6.61 -0.06 | 50.99 4.88 -10.98 | 42.88 4.86 -4.46 | 34.76 4.44 -0.56 | 33.16 4.73 -1.59 |
| EAST_PULASKI___ESR 323781 | 27.85 -0.34 0.00 | 24.40 -0.25 0.00 | 22.87 -0.32 0.00 | 22.34 -0.29 0.00 | 22.12 -0.27 0.00 | 22.56 -0.20 0.00 | 23.59 -0.21 0.00 | 26.07 -0.26 -0.39 | 28.10 -0.31 -0.31 | 32.14 -0.32 -0.10 | 32.75 -0.26 -0.03 | 34.14 -0.28 0.00 | 35.18 -0.43 0.00 | 37.16 -0.53 0.00 | 38.59 -0.55 0.00 | 41.22 -0.63 0.00 | 43.21 -0.74 -0.21 | 45.73 -0.74 -0.20 | 43.44 -0.57 0.00 | 39.87 -0.44 0.00 | 34.92 -0.21 0.00 | 33.59 0.03 0.00 | 29.65 -0.12 0.00 | 26.71 -0.13 0.00 |
| EAST_RIVER___1 323558 | 31.09 2.76 -0.14 | 26.89 2.24 0.00 | 25.26 2.06 0.00 | 24.69 2.06 0.00 | 24.38 1.99 0.00 | 24.82 2.05 0.00 | 25.97 2.17 0.00 | 33.22 2.67 -4.61 | 34.97 2.84 -4.03 | 37.62 3.40 -1.86 | 36.96 3.07 -0.90 | 38.08 3.27 -0.39 | 39.60 3.31 -0.68 | 41.65 3.39 -0.56 | 43.42 3.76 -0.53 | 46.95 4.23 -0.87 | 52.39 4.59 -4.05 | 54.69 4.81 -3.62 | 48.27 3.83 -0.43 | 43.54 3.23 0.00 | 37.35 2.21 0.00 | 35.71 2.15 0.00 | 32.22 2.14 -0.31 | 28.99 2.15 0.00 |
| EAST_RIVER___2 323559 | 31.06 2.73 -0.14 | 26.89 2.24 0.00 | 25.24 2.04 0.00 | 24.69 2.06 0.00 | 24.38 1.99 0.00 | 24.77 2.00 0.00 | 25.92 2.12 0.00 | 33.20 2.65 -4.61 | 34.94 2.81 -4.03 | 37.62 3.40 -1.86 | 36.87 2.97 -0.90 | 37.97 3.16 -0.39 | 39.49 3.21 -0.68 | 41.65 3.39 -0.56 | 43.39 3.72 -0.53 | 46.95 4.23 -0.87 | 52.43 4.63 -4.05 | 54.69 4.81 -3.62 | 48.27 3.83 -0.43 | 43.49 3.18 0.00 | 37.28 2.14 0.00 | 35.64 2.08 0.00 | 32.16 2.08 -0.31 | 28.96 2.12 0.00 |
| EAST___DELAWARE_HYD 23607 | 30.20 1.94 -0.07 | 26.22 1.58 0.00 | 24.66 1.46 0.00 | 24.08 1.45 0.00 | 23.71 1.32 0.00 | 24.27 1.50 0.00 | 25.35 1.55 0.00 | 31.62 1.71 -3.97 | 33.57 1.80 -3.67 | 35.89 2.07 -1.45 | 35.35 1.78 -0.58 | 36.53 1.93 -0.19 | 38.07 2.14 -0.33 | 40.30 2.34 -0.27 | 41.97 2.58 -0.25 | 45.12 2.85 -0.42 | 49.92 3.06 -3.12 | 52.43 3.29 -2.88 | 46.77 2.55 -0.21 | 42.40 2.09 0.00 | 36.68 1.54 0.00 | 35.10 1.54 0.00 | 31.38 1.46 -0.15 | 28.26 1.42 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 28.75 0.56 0.00 | 25.38 0.74 0.00 | 23.69 0.49 0.00 | 22.91 0.27 0.00 | 22.77 0.38 0.00 | 23.56 0.80 0.00 | 24.97 1.17 0.00 | 27.66 0.62 -1.09 | 29.96 0.84 -1.02 | 33.76 1.07 -0.33 | 34.79 1.71 -0.09 | 36.00 1.58 0.00 | 37.14 1.53 0.00 | 39.35 1.66 0.00 | 40.39 1.25 0.00 | 43.57 1.72 0.00 | 46.31 1.88 -0.69 | 49.20 2.27 -0.67 | 45.99 1.98 0.00 | 42.44 2.13 0.00 | 37.45 2.32 0.00 | 35.81 2.25 0.00 | 32.06 2.29 0.00 | 28.45 1.61 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 28.10 -0.08 0.00 | 24.62 -0.02 0.00 | 23.13 -0.07 0.00 | 22.52 -0.11 0.00 | 22.32 -0.07 0.00 | 22.81 0.05 0.00 | 23.90 0.10 0.00 | 26.54 0.03 -0.57 | 28.65 0.06 -0.49 | 32.58 0.06 -0.16 | 33.23 0.20 -0.04 | 34.66 0.24 0.00 | 35.82 0.21 0.00 | 37.84 0.15 0.00 | 39.30 0.16 0.00 | 42.06 0.21 0.00 | 44.34 0.26 -0.33 | 46.82 0.23 -0.32 | 44.18 0.18 0.00 | 40.51 0.20 0.00 | 35.49 0.35 0.00 | 33.93 0.37 0.00 | 29.95 0.18 0.00 | 27.03 0.19 0.00 |
| ELEC_TRO_TEK 24086 | 38.01 2.90 -6.92 | 37.21 2.44 -10.13 | 36.20 2.25 -10.75 | 29.40 2.24 -4.53 | 29.52 2.17 -4.96 | 30.13 2.28 -5.09 | 33.20 2.38 -7.02 | 36.03 2.80 -7.29 | 37.18 2.98 -6.11 | 37.97 3.59 -2.02 | 37.13 3.20 -0.94 | 38.27 3.44 -0.41 | 41.22 3.53 -2.09 | 42.06 3.77 -0.60 | 43.65 3.95 -0.55 | 47.21 4.44 -0.92 | 52.03 4.16 -4.13 | 54.71 4.77 -3.68 | 48.53 4.09 -0.43 | 43.70 3.39 0.00 | 37.42 2.28 0.00 | 35.84 2.28 0.00 | 32.55 2.47 -0.31 | 30.74 2.36 -1.54 |
| ELLENBURG_WT_PWR 323604 | 27.40 -0.79 0.00 | 24.10 -0.54 0.00 | 22.90 -0.30 0.00 | 22.29 -0.34 0.00 | 22.16 -0.22 0.00 | 22.70 -0.07 0.00 | 23.75 -0.05 0.00 | 25.94 0.00 0.00 | 28.18 0.08 0.00 | 32.39 0.03 0.00 | 32.93 -0.07 0.00 | 34.35 -0.07 0.00 | 35.64 0.04 0.00 | 37.77 0.08 0.00 | 39.22 0.08 0.00 | 41.68 -0.17 0.00 | 43.48 -0.26 0.00 | 46.08 -0.18 0.00 | 43.88 -0.13 0.00 | 40.39 0.08 0.00 | 35.49 0.35 0.00 | 33.83 0.27 0.00 | 29.77 0.00 0.00 | 26.79 -0.05 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 27.82 -0.37 0.00 | 24.69 0.05 0.00 | 22.97 -0.23 0.00 | 22.13 -0.50 0.00 | 21.94 -0.45 0.00 | 22.74 -0.02 0.00 | 24.23 0.43 0.00 | 26.39 -0.42 -0.87 | 28.61 -0.28 -0.79 | 32.23 -0.39 -0.25 | 33.16 0.10 -0.07 | 34.55 0.14 0.00 | 35.57 -0.04 0.00 | 37.28 -0.41 0.00 | 39.02 -0.12 0.00 | 41.77 -0.08 0.00 | 44.72 0.44 -0.53 | 47.25 0.46 -0.52 | 44.40 0.40 0.00 | 40.91 0.60 0.00 | 36.33 1.19 0.00 | 34.80 1.24 0.00 | 30.37 0.60 0.00 | 27.62 0.78 0.00 |
| EMPIRE_CC_1 323656 | 28.95 1.04 0.28 | 25.45 0.81 0.00 | 24.06 0.86 0.00 | 23.58 0.95 0.00 | 23.29 0.90 0.00 | 23.72 0.96 0.00 | 24.70 0.90 0.00 | 31.12 1.01 -4.17 | 34.07 1.09 -4.87 | 34.05 1.26 -0.43 | 33.39 1.12 0.73 | 34.84 1.20 0.78 | 35.46 1.21 1.36 | 37.85 1.28 1.13 | 39.54 1.45 1.05 | 41.66 1.55 1.74 | 46.12 1.70 -0.67 | 49.35 1.80 -1.29 | 44.33 1.19 0.87 | 41.32 1.01 0.00 | 35.84 0.70 0.00 | 34.16 0.60 0.00 | 29.72 0.56 0.61 | 27.54 0.70 0.00 |
| EMPIRE_CC_2 323658 | 28.95 1.04 0.28 | 25.45 0.81 0.00 | 24.06 0.86 0.00 | 23.58 0.95 0.00 | 23.29 0.90 0.00 | 23.72 0.96 0.00 | 24.70 0.90 0.00 | 31.12 1.01 -4.17 | 34.07 1.09 -4.87 | 34.05 1.26 -0.43 | 33.39 1.12 0.73 | 34.84 1.20 0.78 | 35.46 1.21 1.36 | 37.85 1.28 1.13 | 39.54 1.45 1.05 | 41.66 1.55 1.74 | 46.12 1.70 -0.67 | 49.35 1.80 -1.29 | 44.33 1.19 0.87 | 41.32 1.01 0.00 | 35.84 0.70 0.00 | 34.16 0.60 0.00 | 29.72 0.56 0.61 | 27.54 0.70 0.00 |
| ENORWICH_115KV_TB1 80156 | 30.19 2.00 0.00 | 26.49 1.85 0.00 | 24.80 1.60 0.00 | 24.19 1.56 0.00 | 23.93 1.54 0.00 | 24.68 1.91 0.00 | 25.89 2.09 0.00 | 29.65 2.08 -1.63 | 32.11 2.16 -1.85 | 35.48 2.52 -0.59 | 35.98 2.84 -0.15 | 37.41 2.99 0.00 | 38.78 3.17 0.00 | 40.78 3.09 0.00 | 42.47 3.33 0.00 | 45.45 3.60 0.00 | 48.71 3.72 -1.25 | 51.65 4.16 -1.22 | 48.01 4.00 0.00 | 43.98 3.67 0.00 | 38.65 3.51 0.00 | 36.98 3.42 0.00 | 32.45 2.68 0.00 | 29.12 2.28 0.00 |

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| ERIE_ST__34_KV_TB1-2 80199 | 28.16 -0.03 0.00 | 24.94 0.30 0.00 | 23.20 0.00 0.00 | 22.36 -0.27 0.00 | 22.14 -0.25 0.00 | 22.99 0.23 0.00 | 24.49 0.69 0.00 | 26.40 -0.44 -0.90 | 29.00 0.08 -0.82 | 32.72 0.10 -0.26 | 33.69 0.63 -0.07 | 35.10 0.69 0.00 | 36.11 0.50 0.00 | 37.95 0.26 0.00 | 39.73 0.59 0.00 | 42.52 0.67 0.00 | 45.48 1.18 -0.56 | 48.10 1.30 -0.54 | 45.11 1.10 0.00 | 41.52 1.21 0.00 | 36.78 1.65 0.00 | 35.20 1.64 0.00 | 30.75 0.98 0.00 | 27.91 1.07 0.00 |
| ERIE_WT_PWR 323693 | 27.99 -0.20 0.00 | 24.84 0.20 0.00 | 23.11 -0.09 0.00 | 22.27 -0.36 0.00 | 22.14 -0.25 0.00 | 22.88 0.11 0.00 | 24.37 0.57 0.00 | 26.54 -0.28 -0.89 | 28.82 -0.08 -0.81 | 32.52 -0.10 -0.26 | 33.72 0.66 -0.07 | 34.96 0.55 0.00 | 36.14 0.53 0.00 | 38.44 0.75 0.00 | 39.38 0.24 0.00 | 42.52 0.67 0.00 | 44.99 0.70 -0.55 | 47.81 1.02 -0.53 | 44.84 0.83 0.00 | 41.56 1.25 0.00 | 36.75 1.62 0.00 | 35.07 1.51 0.00 | 31.44 1.67 0.00 | 27.80 0.96 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 30.03 1.92 0.07 | 26.29 1.65 0.00 | 24.68 1.48 0.00 | 24.08 1.45 0.00 | 23.82 1.43 0.00 | 24.66 1.89 0.00 | 25.82 2.02 0.00 | 27.64 2.15 0.45 | 37.84 2.30 -7.43 | 37.14 2.65 -2.12 | 36.06 2.71 -0.36 | 37.06 2.82 0.18 | 38.18 2.88 0.31 | 40.48 3.05 0.26 | 42.11 3.21 0.24 | 44.93 3.47 0.40 | 51.85 3.67 -4.43 | 54.65 3.93 -4.45 | 47.04 3.26 0.23 | 43.21 2.90 0.00 | 37.77 2.64 0.00 | 36.01 2.45 0.00 | 31.64 2.02 0.16 | 28.58 1.74 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 28.89 0.70 0.00 | 25.31 0.67 0.00 | 23.73 0.53 0.00 | 23.11 0.48 0.00 | 22.90 0.51 0.00 | 23.52 0.75 0.00 | 24.66 0.86 0.00 | 27.92 0.80 -1.18 | 30.10 0.87 -1.13 | 33.73 1.00 -0.36 | 34.27 1.19 -0.09 | 35.65 1.24 0.00 | 36.89 1.28 0.00 | 38.90 1.21 0.00 | 40.43 1.29 0.00 | 43.27 1.42 0.00 | 46.09 1.57 -0.77 | 48.77 1.76 -0.75 | 45.59 1.58 0.00 | 41.80 1.49 0.00 | 36.64 1.51 0.00 | 35.03 1.48 0.00 | 30.87 1.10 0.00 | 27.83 0.99 0.00 |
| ETNA____115KV_TB2 80207 | 28.89 0.70 0.00 | 25.31 0.67 0.00 | 23.73 0.53 0.00 | 23.11 0.48 0.00 | 22.90 0.51 0.00 | 23.52 0.75 0.00 | 24.66 0.86 0.00 | 27.92 0.80 -1.18 | 30.10 0.87 -1.13 | 33.73 1.00 -0.36 | 34.27 1.19 -0.09 | 35.65 1.24 0.00 | 36.89 1.28 0.00 | 38.90 1.21 0.00 | 40.43 1.29 0.00 | 43.27 1.42 0.00 | 46.09 1.57 -0.77 | 48.77 1.76 -0.75 | 45.59 1.58 0.00 | 41.80 1.49 0.00 | 36.64 1.51 0.00 | 35.03 1.48 0.00 | 30.87 1.10 0.00 | 27.83 0.99 0.00 |
| EUCLID____115KV_TB2 356179 | 27.85 -0.34 0.00 | 24.40 -0.25 0.00 | 22.92 -0.28 0.00 | 22.32 -0.32 0.00 | 22.10 -0.29 0.00 | 22.56 -0.20 0.00 | 23.63 -0.17 0.00 | 26.16 -0.23 -0.45 | 28.19 -0.28 -0.37 | 32.16 -0.32 -0.12 | 32.82 -0.20 -0.03 | 34.24 -0.17 0.00 | 35.43 -0.18 0.00 | 37.39 -0.30 0.00 | 38.83 -0.31 0.00 | 41.52 -0.33 0.00 | 43.73 -0.26 -0.25 | 46.18 -0.32 -0.24 | 43.66 -0.35 0.00 | 40.07 -0.24 0.00 | 35.03 -0.11 0.00 | 33.49 -0.07 0.00 | 29.62 -0.15 0.00 | 26.73 -0.11 0.00 |
| E_CANADA_CAP_HY 24051 | 30.40 2.31 0.10 | 26.62 1.97 0.00 | 25.01 1.81 0.00 | 24.42 1.79 0.00 | 24.16 1.77 0.00 | 24.86 2.09 0.00 | 26.01 2.21 0.00 | 34.47 2.39 -6.14 | 39.57 2.53 -8.94 | 37.67 2.85 -2.46 | 36.13 2.80 -0.34 | 37.09 2.96 0.28 | 38.14 3.02 0.49 | 40.56 3.28 0.41 | 42.16 3.40 0.38 | 44.91 3.68 0.63 | 52.83 3.98 -5.10 | 55.85 4.40 -5.19 | 47.39 3.70 0.31 | 43.70 3.39 0.00 | 38.23 3.09 0.00 | 36.38 2.82 0.00 | 31.90 2.35 0.22 | 28.91 2.07 0.00 |
| E_CANADA_MHWK_HY 24050 | 28.02 -0.17 0.00 | 24.52 -0.12 0.00 | 23.06 -0.14 0.00 | 22.50 -0.13 0.00 | 22.26 -0.13 0.00 | 22.61 -0.16 0.00 | 23.66 -0.14 0.00 | 25.76 -0.18 0.00 | 27.99 -0.11 0.00 | 32.27 -0.10 0.00 | 33.09 0.10 0.00 | 34.52 0.10 0.00 | 35.79 0.18 0.00 | 37.65 -0.04 0.00 | 39.10 -0.04 0.00 | 41.81 -0.04 0.00 | 43.74 0.00 0.00 | 46.26 0.00 0.00 | 44.18 0.18 0.00 | 40.47 0.16 0.00 | 35.24 0.11 0.00 | 33.66 0.10 0.00 | 29.83 0.06 0.00 | 26.92 0.08 0.00 |
| E_FISHKILL____LBMP 23776 | 30.36 2.03 -0.15 | 26.34 1.70 0.00 | 24.78 1.58 0.00 | 24.22 1.58 0.00 | 23.91 1.52 0.00 | 24.38 1.62 0.00 | 25.49 1.69 0.00 | 32.67 2.00 -4.73 | 34.34 2.11 -4.13 | 36.83 2.52 -1.94 | 36.33 2.38 -0.96 | 37.28 2.44 -0.43 | 38.87 2.53 -0.74 | 41.02 2.71 -0.61 | 42.53 2.82 -0.57 | 46.02 3.22 -0.94 | 51.34 3.37 -4.23 | 53.64 3.61 -3.76 | 47.36 2.90 -0.45 | 42.77 2.46 0.00 | 36.82 1.69 0.00 | 35.14 1.58 0.00 | 31.81 1.73 -0.32 | 28.40 1.56 0.00 |
| FALCON____SEABRD_CC1 323796 | 27.74 -0.45 0.00 | 24.37 -0.27 0.00 | 23.18 -0.02 0.00 | 22.54 -0.09 0.00 | 22.43 0.04 0.00 | 22.97 0.20 0.00 | 24.04 0.24 0.00 | 26.25 0.31 0.00 | 28.52 0.42 0.00 | 32.78 0.42 0.00 | 33.29 0.30 0.00 | 34.72 0.31 0.00 | 36.07 0.46 0.00 | 38.26 0.57 0.00 | 39.69 0.55 0.00 | 42.18 0.33 0.00 | 43.96 0.22 0.00 | 46.63 0.37 0.00 | 44.36 0.35 0.00 | 40.83 0.52 0.00 | 35.94 0.81 0.00 | 34.26 0.71 0.00 | 30.16 0.39 0.00 | 27.08 0.24 0.00 |
| FALCON____SEABRD_CC2 323797 | 27.74 -0.45 0.00 | 24.37 -0.27 0.00 | 23.18 -0.02 0.00 | 22.54 -0.09 0.00 | 22.43 0.04 0.00 | 22.97 0.20 0.00 | 24.04 0.24 0.00 | 26.25 0.31 0.00 | 28.52 0.42 0.00 | 32.78 0.42 0.00 | 33.29 0.30 0.00 | 34.72 0.31 0.00 | 36.07 0.46 0.00 | 38.26 0.57 0.00 | 39.69 0.55 0.00 | 42.18 0.33 0.00 | 43.96 0.22 0.00 | 46.63 0.37 0.00 | 44.36 0.35 0.00 | 40.83 0.52 0.00 | 35.94 0.81 0.00 | 34.26 0.71 0.00 | 30.16 0.39 0.00 | 27.08 0.24 0.00 |
| FAR ROCKAWAY____4 23548 | 38.63 3.52 -6.92 | 37.73 2.96 -10.13 | 36.66 2.71 -10.75 | 29.83 2.67 -4.53 | 29.97 2.62 -4.96 | 30.57 2.71 -5.09 | 33.65 2.83 -7.02 | 36.50 3.27 -7.29 | 37.72 3.51 -6.11 | 38.59 4.21 -2.02 | 37.95 4.02 -0.94 | 39.20 4.37 -0.41 | 42.22 4.52 -2.09 | 43.11 4.82 -0.60 | 44.74 5.05 -0.55 | 48.21 5.44 -0.92 | 53.08 5.21 -4.13 | 55.82 5.88 -3.68 | 49.68 5.24 -0.43 | 44.74 4.43 0.00 | 38.37 3.23 0.00 | 36.65 3.09 0.00 | 33.20 3.13 -0.31 | 31.33 2.95 -1.54 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 31.12 2.79 -0.14 | 26.91 2.27 0.00 | 25.29 2.09 0.00 | 24.71 2.08 0.00 | 24.43 2.04 0.00 | 24.84 2.07 0.00 | 25.99 2.19 0.00 | 33.30 2.72 -4.63 | 35.01 2.87 -4.04 | 37.72 3.46 -1.90 | 37.13 3.20 -0.94 | 38.17 3.34 -0.41 | 39.74 3.42 -0.72 | 41.94 3.66 -0.60 | 43.45 3.76 -0.55 | 47.12 4.35 -0.92 | 52.42 4.55 -4.13 | 54.80 4.86 -3.68 | 48.45 4.00 -0.43 | 43.70 3.39 0.00 | 37.45 2.32 0.00 | 35.77 2.21 0.00 | 32.49 2.41 -0.31 | 29.01 2.17 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 31.15 2.82 -0.14 | 26.91 2.27 0.00 | 25.29 2.09 0.00 | 24.71 2.08 0.00 | 24.43 2.04 0.00 | 24.84 2.07 0.00 | 25.99 2.19 0.00 | 33.30 2.72 -4.63 | 35.01 2.87 -4.04 | 37.72 3.46 -1.90 | 37.13 3.20 -0.94 | 38.17 3.34 -0.41 | 39.74 3.42 -0.72 | 41.94 3.66 -0.60 | 43.49 3.80 -0.55 | 47.12 4.35 -0.92 | 52.42 4.55 -4.13 | 54.80 4.86 -3.68 | 48.49 4.05 -0.43 | 43.70 3.39 0.00 | 37.45 2.32 0.00 | 35.81 2.25 0.00 | 32.52 2.44 -0.31 | 29.01 2.17 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 31.09 2.76 -0.14 | 26.89 2.24 0.00 | 25.26 2.06 0.00 | 24.69 2.06 0.00 | 24.40 2.01 0.00 | 24.84 2.07 0.00 | 25.99 2.19 0.00 | 33.27 2.70 -4.63 | 35.01 2.87 -4.04 | 37.69 3.43 -1.90 | 37.13 3.20 -0.94 | 38.13 3.30 -0.41 | 39.71 3.38 -0.72 | 41.90 3.62 -0.60 | 43.45 3.76 -0.55 | 47.08 4.31 -0.92 | 52.38 4.51 -4.13 | 54.75 4.81 -3.68 | 48.40 3.96 -0.43 | 43.66 3.35 0.00 | 37.42 2.28 0.00 | 35.74 2.18 0.00 | 32.46 2.38 -0.31 | 28.99 2.15 0.00 |

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|--|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FARRAGUT___LBMP 323566 | 31.06 2.73 -0.14 | 26.89 2.24 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.38 1.99 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.24 2.67 -4.63 | 34.95 2.81 -4.04 | 37.66 3.40 -1.90 | 37.06 3.13 -0.94 | 38.10 3.27 -0.41 | 39.67 3.35 -0.72 | 41.87 3.58 -0.60 | 43.37 3.68 -0.55 | 47.04 4.27 -0.92 | 52.34 4.46 -4.13 | 54.66 4.72 -3.68 | 48.36 3.92 -0.43 | 43.62 3.31 0.00 | 37.38 2.25 0.00 | 35.74 2.18 0.00 | 32.46 2.38 -0.31 | 28.96 2.12 0.00 |
| FENNER___WINDPWR 24204 | 28.78 0.59 0.00 | 25.18 0.54 0.00 | 23.64 0.44 0.00 | 23.06 0.43 0.00 | 22.84 0.45 0.00 | 23.31 0.55 0.00 | 24.40 0.60 0.00 | 27.14 0.57 -0.63 | 29.30 0.65 -0.55 | 33.31 0.78 -0.18 | 33.99 0.96 -0.05 | 35.45 1.03 0.00 | 36.64 1.03 0.00 | 38.74 1.05 0.00 | 40.16 1.02 0.00 | 42.94 1.09 0.00 | 45.30 1.18 -0.37 | 47.97 1.34 -0.36 | 45.24 1.23 0.00 | 41.40 1.09 0.00 | 36.22 1.09 0.00 | 34.60 1.04 0.00 | 30.60 0.83 0.00 | 27.48 0.64 0.00 |
| FIBERTEK___ENERGY 23856 | 28.19 0.00 0.00 | 24.69 0.05 0.00 | 23.18 -0.02 0.00 | 22.56 -0.07 0.00 | 22.37 -0.02 0.00 | 22.86 0.09 0.00 | 23.92 0.12 0.00 | 26.56 0.08 -0.54 | 28.67 0.11 -0.46 | 32.64 0.13 -0.15 | 33.36 0.33 -0.04 | 34.76 0.34 0.00 | 35.96 0.36 0.00 | 37.95 0.26 0.00 | 39.37 0.23 0.00 | 42.14 0.29 0.00 | 44.36 0.31 -0.31 | 46.89 0.32 -0.30 | 44.27 0.26 0.00 | 40.59 0.28 0.00 | 35.52 0.39 0.00 | 33.96 0.40 0.00 | 30.01 0.24 0.00 | 27.08 0.24 0.00 |
| FITZPATRICK____ 23598 | 27.40 -0.79 0.00 | 23.98 -0.66 0.00 | 22.55 -0.65 0.00 | 22.00 -0.63 0.00 | 21.76 -0.63 0.00 | 22.20 -0.57 0.00 | 23.23 -0.57 0.00 | 25.58 -0.67 -0.32 | 27.34 -0.76 0.00 | 31.49 -0.87 0.00 | 32.23 -0.76 0.00 | 33.59 -0.83 0.00 | 34.75 -0.85 0.00 | 36.83 -0.87 0.00 | 38.12 -1.02 0.00 | 40.81 -1.04 0.00 | 42.65 -1.09 0.00 | 45.15 -1.11 0.00 | 42.95 -1.06 0.00 | 39.38 -0.93 0.00 | 34.43 -0.70 0.00 | 32.89 -0.67 0.00 | 29.20 -0.57 0.00 | 26.25 -0.59 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 38.76 3.64 -6.94 | 37.83 3.06 -10.13 | 36.78 2.83 -10.75 | 29.92 2.76 -4.53 | 30.06 2.71 -4.96 | 30.68 2.82 -5.09 | 33.84 3.02 -7.02 | 36.78 3.55 -7.29 | 38.07 3.85 -6.12 | 38.96 4.56 -2.03 | 39.13 3.79 -2.34 | 38.94 4.10 -0.43 | 46.50 4.13 -6.77 | 111.93 4.49 -69.76 | 74.50 4.62 -30.74 | 82.60 5.19 -35.56 | 75.20 4.86 -26.60 | 200.91 5.64 -149.00 | 89.32 4.97 -40.34 | 44.54 4.15 -0.08 | 47.04 2.88 -9.03 | 40.02 2.82 -3.65 | 33.44 3.16 -0.51 | 31.61 3.17 -1.60 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 30.64 2.34 -0.11 | 26.57 1.92 0.00 | 25.01 1.81 0.00 | 24.44 1.81 0.00 | 24.07 1.68 0.00 | 24.57 1.80 0.00 | 25.63 1.83 0.00 | 32.57 2.08 -4.55 | 34.31 2.19 -4.02 | 36.61 2.49 -1.76 | 36.13 2.34 -0.80 | 37.14 2.41 -0.32 | 38.80 2.63 -0.55 | 41.05 2.90 -0.46 | 42.58 3.01 -0.43 | 45.95 3.39 -0.71 | 51.09 3.54 -3.80 | 53.44 3.75 -3.43 | 47.46 3.12 -0.33 | 42.93 2.62 0.00 | 37.07 1.93 0.00 | 35.40 1.85 0.00 | 31.94 1.94 -0.23 | 28.56 1.72 0.00 |
| FORT ORANGE____ 23900 | 29.20 1.16 0.15 | 25.56 0.91 0.00 | 24.10 0.90 0.00 | 23.56 0.93 0.00 | 23.26 0.87 0.00 | 23.75 0.98 0.00 | 24.75 0.95 0.00 | 31.73 1.09 -4.70 | 36.06 1.13 -6.84 | 35.30 1.33 -1.61 | 34.23 1.25 0.01 | 35.32 1.31 0.40 | 36.29 1.39 0.70 | 38.54 1.43 0.58 | 40.24 1.64 0.54 | 42.63 1.68 0.90 | 48.81 1.79 -3.27 | 51.67 1.90 -3.51 | 45.01 1.45 0.45 | 41.52 1.21 0.00 | 36.08 0.95 0.00 | 34.40 0.84 0.00 | 30.23 0.77 0.32 | 27.64 0.80 0.00 |
| FORT_DRUM_COGEN 23780 | 28.10 -0.08 0.00 | 24.59 -0.05 0.00 | 22.97 -0.23 0.00 | 22.54 -0.09 0.00 | 22.30 -0.09 0.00 | 22.74 -0.02 0.00 | 23.73 -0.07 0.00 | 26.16 -0.05 -0.27 | 27.99 -0.11 0.00 | 32.26 -0.10 0.00 | 32.83 -0.16 0.00 | 34.24 -0.17 0.00 | 35.43 -0.18 0.00 | 37.46 -0.23 0.00 | 38.87 -0.27 0.00 | 41.43 -0.42 0.00 | 42.96 -0.79 0.00 | 45.76 -0.51 0.00 | 44.01 0.00 0.00 | 40.47 0.16 0.00 | 35.59 0.46 0.00 | 34.16 0.60 0.00 | 29.98 0.21 0.00 | 26.87 0.03 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 38.64 3.52 -6.93 | 37.73 2.96 -10.13 | 36.67 2.71 -10.75 | 29.86 2.69 -4.53 | 29.95 2.60 -4.97 | 30.57 2.71 -5.09 | 33.65 2.83 -7.02 | 36.50 3.29 -7.27 | 37.70 3.51 -6.09 | 38.45 4.11 -1.98 | 37.59 3.69 -0.90 | 39.46 4.13 -0.92 | 42.11 4.45 -2.05 | 42.45 4.18 -0.58 | 44.33 4.66 -0.53 | 48.01 5.15 -1.02 | 53.23 5.42 -4.07 | 55.57 5.69 -3.62 | 49.15 4.71 -0.43 | 44.42 4.11 0.00 | 38.12 2.98 0.00 | 36.44 2.89 0.00 | 32.76 2.68 -0.31 | 31.33 2.95 -1.54 |
| FPL_FAR_ROCK_GT2 23815 | 38.64 3.52 -6.93 | 37.73 2.96 -10.13 | 36.67 2.71 -10.75 | 29.86 2.69 -4.53 | 29.95 2.60 -4.97 | 30.57 2.71 -5.09 | 33.65 2.83 -7.02 | 36.50 3.29 -7.27 | 37.70 3.51 -6.09 | 38.45 4.11 -1.98 | 37.59 3.69 -0.90 | 39.46 4.13 -0.92 | 42.11 4.45 -2.05 | 42.45 4.18 -0.58 | 44.33 4.66 -0.53 | 48.01 5.15 -1.02 | 53.23 5.42 -4.07 | 55.57 5.69 -3.62 | 49.15 4.71 -0.43 | 44.42 4.11 0.00 | 38.12 2.98 0.00 | 36.44 2.89 0.00 | 32.76 2.68 -0.31 | 31.33 2.95 -1.54 |
| FRANKLIN_FALL_HYD 24054 | 27.37 -0.82 0.00 | 24.00 -0.64 0.00 | 22.81 -0.39 0.00 | 22.20 -0.43 0.00 | 22.05 -0.34 0.00 | 22.56 -0.20 0.00 | 23.59 -0.21 0.00 | 25.76 -0.18 0.00 | 27.99 -0.11 0.00 | 32.20 -0.16 0.00 | 32.76 -0.23 0.00 | 34.14 -0.28 0.00 | 35.43 -0.18 0.00 | 37.65 -0.04 0.00 | 38.94 -0.20 0.00 | 41.43 -0.42 0.00 | 43.04 -0.70 0.00 | 45.71 -0.56 0.00 | 43.35 -0.66 0.00 | 39.99 -0.32 0.00 | 35.20 0.07 0.00 | 33.63 0.07 0.00 | 29.56 -0.21 0.00 | 26.54 -0.30 0.00 |
| FREEPORT_EQUS_GT1 23764 | 38.38 3.27 -6.92 | 37.53 2.76 -10.13 | 36.50 2.55 -10.75 | 29.67 2.51 -4.53 | 29.79 2.44 -4.96 | 30.41 2.55 -5.09 | 33.51 2.69 -7.02 | 36.35 3.14 -7.27 | 37.53 3.34 -6.09 | 38.23 3.88 -1.98 | 37.13 3.24 -0.90 | 38.98 3.65 -0.92 | 41.61 3.95 -2.05 | 42.04 3.77 -0.58 | 43.89 4.23 -0.53 | 47.63 4.77 -1.01 | 52.75 4.94 -4.07 | 55.06 5.18 -3.62 | 48.67 4.23 -0.43 | 43.94 3.63 0.00 | 37.59 2.46 0.00 | 36.11 2.55 0.00 | 32.49 2.41 -0.31 | 31.17 2.79 -1.54 |
| FREEPORT___CT2 23818 | 38.38 3.27 -6.92 | 37.53 2.76 -10.13 | 36.50 2.55 -10.75 | 29.67 2.51 -4.53 | 29.79 2.44 -4.96 | 30.41 2.55 -5.09 | 33.51 2.69 -7.02 | 36.35 3.14 -7.27 | 37.53 3.34 -6.09 | 38.23 3.88 -1.98 | 37.13 3.24 -0.90 | 38.98 3.65 -0.92 | 41.61 3.95 -2.05 | 42.04 3.77 -0.58 | 43.89 4.23 -0.53 | 47.63 4.77 -1.01 | 52.75 4.94 -4.07 | 55.06 5.18 -3.62 | 48.67 4.23 -0.43 | 43.94 3.63 0.00 | 37.59 2.46 0.00 | 36.11 2.55 0.00 | 32.49 2.41 -0.31 | 31.17 2.79 -1.54 |
| FRESHKLS_33_KV_LOAD 356253 | 31.21 2.88 -0.15 | 26.98 2.34 0.00 | 25.31 2.11 0.00 | 24.69 2.06 0.00 | 24.45 2.06 0.00 | 24.72 1.96 0.01 | 25.84 2.05 0.01 | 33.31 2.75 -4.62 | 35.06 2.92 -4.04 | 37.78 3.53 -1.89 | 37.15 3.23 -0.93 | 38.23 3.41 -0.41 | 39.84 3.53 -0.71 | 42.01 3.73 -0.59 | 43.40 3.72 -0.55 | 56.05 4.35 -9.85 | 67.68 4.55 -19.39 | 67.01 4.86 -15.89 | 64.08 4.09 -15.98 | 43.81 3.51 0.01 | 37.59 2.46 0.01 | 37.31 2.42 -1.33 | 35.68 2.53 -3.38 | 29.08 2.23 -0.01 |
| FULTON COGEN____ 23766 | 27.74 -0.45 0.00 | 24.30 -0.35 0.00 | 22.83 -0.37 0.00 | 22.25 -0.38 0.00 | 22.03 -0.36 0.00 | 22.49 -0.27 0.00 | 23.51 -0.29 0.00 | 26.02 -0.34 -0.42 | 28.05 -0.39 -0.34 | 32.02 -0.45 -0.11 | 32.72 -0.30 -0.03 | 34.11 -0.31 0.00 | 35.25 -0.36 0.00 | 37.20 -0.49 0.00 | 38.63 -0.51 0.00 | 41.31 -0.54 0.00 | 43.45 -0.52 -0.23 | 45.94 -0.56 -0.23 | 43.48 -0.53 0.00 | 39.87 -0.44 0.00 | 34.89 -0.25 0.00 | 33.42 -0.13 0.00 | 29.53 -0.24 0.00 | 26.65 -0.19 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FULTON___LFGE 323630 | 31.29 3.21 0.12 | 27.38 2.74 0.00 | 25.71 2.51 0.00 | 25.12 2.49 0.00 | 24.85 2.46 0.00 | 25.54 2.78 0.00 | 26.70 2.90 0.00 | 34.68 3.03 -5.71 | 40.84 3.15 -9.59 | 38.35 3.37 -2.62 | 37.49 4.16 -0.34 | 38.47 4.37 0.32 | 39.54 4.49 0.55 | 41.04 3.81 0.46 | 42.67 3.95 0.43 | 45.50 4.35 0.71 | 53.94 4.77 -5.43 | 57.21 5.41 -5.54 | 48.45 4.80 0.35 | 44.78 4.47 0.00 | 39.42 4.28 0.00 | 37.48 3.92 0.00 | 32.83 3.30 0.25 | 29.74 2.90 0.00 |
| G.F.CEMENT___DRP 24184 | 30.53 2.51 0.17 | 26.74 2.09 0.00 | 25.15 1.95 0.00 | 24.60 1.97 0.00 | 24.31 1.93 0.00 | 24.86 2.09 0.00 | 25.94 2.14 0.00 | 33.16 2.39 -4.83 | 40.84 2.70 -10.04 | 38.06 3.14 -2.56 | 36.57 3.40 -0.18 | 37.40 3.44 0.46 | 38.27 3.45 0.79 | 40.73 3.69 0.66 | 42.36 3.84 0.61 | 44.82 3.98 1.01 | 53.30 4.29 -5.27 | 56.29 4.53 -5.49 | 47.40 3.92 0.52 | 43.86 3.55 0.00 | 38.26 3.13 0.00 | 36.38 2.82 0.00 | 31.87 2.47 0.37 | 29.04 2.20 0.00 |
| GARDENVILLE___LBMP 24039 | 27.91 -0.28 0.00 | 24.77 0.12 0.00 | 23.04 -0.16 0.00 | 22.23 -0.41 0.00 | 22.01 -0.38 0.00 | 22.84 0.07 0.00 | 24.30 0.50 0.00 | 26.46 -0.36 -0.88 | 28.74 -0.17 -0.81 | 32.36 -0.26 -0.26 | 33.32 0.26 -0.07 | 34.73 0.31 0.00 | 35.75 0.14 0.00 | 37.43 -0.26 0.00 | 39.22 0.08 0.00 | 41.98 0.13 0.00 | 44.90 0.61 -0.55 | 47.49 0.69 -0.53 | 44.58 0.57 0.00 | 41.12 0.81 0.00 | 36.47 1.34 0.00 | 34.93 1.38 0.00 | 30.52 0.74 0.00 | 27.73 0.89 0.00 |
| GARDNVLA_35_KV_LD 355827 | 28.02 -0.17 0.00 | 24.86 0.22 0.00 | 23.13 -0.07 0.00 | 22.29 -0.34 0.00 | 22.08 -0.31 0.00 | 22.90 0.14 0.00 | 24.40 0.60 0.00 | 26.55 -0.29 -0.89 | 28.85 -0.06 -0.81 | 32.49 -0.13 -0.26 | 33.49 0.43 -0.07 | 34.90 0.48 0.00 | 35.93 0.32 0.00 | 37.62 -0.08 0.00 | 39.41 0.27 0.00 | 42.19 0.33 0.00 | 45.12 0.83 -0.55 | 47.72 0.93 -0.53 | 44.80 0.79 0.00 | 41.28 0.97 0.00 | 36.64 1.51 0.00 | 35.10 1.54 0.00 | 30.63 0.86 0.00 | 27.83 0.99 0.00 |
| GELCKHM___115KV_LOAD 80723 | 27.96 -0.23 0.00 | 24.50 -0.15 0.00 | 23.01 -0.19 0.00 | 22.41 -0.23 0.00 | 22.21 -0.18 0.00 | 22.68 -0.09 0.00 | 23.73 -0.07 0.00 | 26.29 -0.13 -0.48 | 28.36 -0.14 -0.40 | 32.33 -0.16 -0.13 | 33.03 0.00 -0.03 | 34.42 0.00 0.00 | 35.61 0.00 0.00 | 37.62 -0.08 0.00 | 39.02 -0.12 0.00 | 41.77 -0.08 0.00 | 43.97 -0.04 -0.27 | 46.44 -0.09 -0.26 | 43.88 -0.13 0.00 | 40.23 -0.08 0.00 | 35.20 0.07 0.00 | 33.66 0.10 0.00 | 29.77 0.00 0.00 | 26.84 0.00 0.00 |
| GENERAL___MILLS 23808 | 27.99 -0.20 0.00 | 24.82 0.17 0.00 | 23.08 -0.12 0.00 | 22.25 -0.38 0.00 | 22.05 -0.34 0.00 | 22.86 0.09 0.00 | 24.35 0.55 0.00 | 26.49 -0.34 -0.89 | 28.80 -0.11 -0.81 | 32.43 -0.19 -0.26 | 33.39 0.33 -0.07 | 34.79 0.38 0.00 | 35.82 0.21 0.00 | 37.54 -0.15 0.00 | 39.30 0.16 0.00 | 42.06 0.21 0.00 | 45.04 0.74 -0.55 | 47.63 0.83 -0.53 | 44.71 0.70 0.00 | 41.20 0.89 0.00 | 36.57 1.44 0.00 | 35.03 1.48 0.00 | 30.58 0.80 0.00 | 27.78 0.94 0.00 |
| GE_PLASTICS___DRP 24183 | 29.17 1.10 0.12 | 25.53 0.89 0.00 | 24.06 0.86 0.00 | 23.52 0.88 0.00 | 23.24 0.85 0.00 | 23.70 0.93 0.00 | 24.73 0.93 0.00 | 31.80 1.06 -4.79 | 35.54 1.12 -6.32 | 35.23 1.29 -1.58 | 34.32 1.25 -0.08 | 35.38 1.27 0.31 | 36.42 1.35 0.54 | 38.71 1.47 0.45 | 40.25 1.53 0.42 | 42.84 1.67 0.69 | 48.73 1.75 -3.23 | 51.46 1.80 -3.40 | 45.05 1.41 0.36 | 41.48 1.17 0.00 | 35.98 0.84 0.00 | 34.30 0.74 0.00 | 30.35 0.83 0.26 | 27.59 0.75 0.00 |
| GILBOA___1 23756 | 29.34 1.16 0.00 | 25.60 0.96 0.00 | 24.10 0.90 0.00 | 23.54 0.91 0.00 | 23.26 0.87 0.00 | 23.84 1.07 0.00 | 24.90 1.10 0.00 | 31.48 1.25 -4.29 | 33.04 1.29 -3.65 | 35.05 1.52 -1.17 | 34.75 1.45 -0.30 | 35.93 1.51 0.00 | 37.17 1.56 0.00 | 39.31 1.62 0.00 | 40.94 1.80 0.00 | 43.69 1.84 0.00 | 48.14 1.92 -2.47 | 50.70 2.03 -2.40 | 45.42 1.41 0.00 | 41.64 1.33 0.00 | 36.08 0.95 0.00 | 34.46 0.91 0.00 | 30.60 0.83 0.00 | 27.70 0.86 0.00 |
| GILBOA___2 23757 | 29.34 1.16 0.00 | 25.60 0.96 0.00 | 24.10 0.90 0.00 | 23.54 0.91 0.00 | 23.26 0.87 0.00 | 23.84 1.07 0.00 | 24.90 1.10 0.00 | 31.48 1.25 -4.29 | 33.04 1.29 -3.65 | 35.05 1.52 -1.17 | 34.75 1.45 -0.30 | 35.93 1.51 0.00 | 37.17 1.56 0.00 | 39.31 1.62 0.00 | 40.94 1.80 0.00 | 43.69 1.84 0.00 | 48.14 1.92 -2.47 | 50.70 2.03 -2.40 | 45.42 1.41 0.00 | 41.64 1.33 0.00 | 36.08 0.95 0.00 | 34.46 0.91 0.00 | 30.60 0.83 0.00 | 27.70 0.86 0.00 |
| GILBOA___3 23758 | 29.34 1.16 0.00 | 25.60 0.96 0.00 | 24.10 0.90 0.00 | 23.54 0.91 0.00 | 23.26 0.87 0.00 | 23.84 1.07 0.00 | 24.90 1.10 0.00 | 31.48 1.25 -4.29 | 33.04 1.29 -3.65 | 35.05 1.52 -1.17 | 34.75 1.45 -0.30 | 35.93 1.51 0.00 | 37.17 1.56 0.00 | 39.31 1.62 0.00 | 40.94 1.80 0.00 | 43.69 1.84 0.00 | 48.14 1.92 -2.47 | 50.70 2.03 -2.40 | 45.42 1.41 0.00 | 41.64 1.33 0.00 | 36.08 0.95 0.00 | 34.46 0.91 0.00 | 30.60 0.83 0.00 | 27.70 0.86 0.00 |
| GILBOA___4 23759 | 29.34 1.16 0.00 | 25.60 0.96 0.00 | 24.10 0.90 0.00 | 23.54 0.91 0.00 | 23.26 0.87 0.00 | 23.84 1.07 0.00 | 24.90 1.10 0.00 | 31.48 1.25 -4.29 | 33.04 1.29 -3.65 | 35.05 1.52 -1.17 | 34.75 1.45 -0.30 | 35.93 1.51 0.00 | 37.17 1.56 0.00 | 39.31 1.62 0.00 | 40.94 1.80 0.00 | 43.69 1.84 0.00 | 48.14 1.92 -2.47 | 50.70 2.03 -2.40 | 45.42 1.41 0.00 | 41.64 1.33 0.00 | 36.08 0.95 0.00 | 34.46 0.91 0.00 | 30.60 0.83 0.00 | 27.70 0.86 0.00 |
| GILBOA___ 23599 | 29.34 1.16 0.00 | 25.60 0.96 0.00 | 24.10 0.90 0.00 | 23.54 0.91 0.00 | 23.26 0.87 0.00 | 23.84 1.07 0.00 | 24.90 1.09 0.00 | 31.48 1.25 -4.29 | 33.04 1.29 -3.65 | 35.09 1.55 -1.17 | 34.78 1.48 -0.30 | 35.96 1.55 0.00 | 37.21 1.60 0.00 | 39.39 1.70 0.00 | 40.94 1.80 0.00 | 43.74 1.88 0.00 | 48.18 1.97 -2.47 | 50.65 1.99 -2.40 | 45.50 1.50 0.00 | 41.64 1.33 0.00 | 36.12 0.98 0.00 | 34.46 0.91 0.00 | 30.72 0.95 0.00 | 27.70 0.86 0.00 |
| GINNA___ 23603 | 26.81 -1.38 0.00 | 23.58 -1.06 0.00 | 22.04 -1.16 0.00 | 21.37 -1.27 0.00 | 21.22 -1.17 0.00 | 21.79 -0.98 0.00 | 22.94 -0.86 0.00 | 25.50 -1.06 -0.63 | 27.44 -1.21 -0.55 | 31.18 -1.36 -0.18 | 32.08 -0.96 -0.05 | 33.35 -1.07 0.00 | 34.50 -1.10 0.00 | 36.64 -1.06 0.00 | 37.65 -1.49 0.00 | 40.47 -1.38 0.00 | 42.45 -1.66 -0.37 | 44.91 -1.71 -0.36 | 42.38 -1.63 0.00 | 39.14 -1.17 0.00 | 34.64 -0.49 0.00 | 33.06 -0.50 0.00 | 29.42 -0.36 0.00 | 26.12 -0.72 0.00 |
| GLEN PARK___ 23778 | 28.24 0.06 0.00 | 24.72 0.07 0.00 | 23.08 -0.12 0.00 | 22.66 0.02 0.00 | 22.41 0.02 0.00 | 22.86 0.09 0.00 | 23.82 0.02 0.00 | 26.30 0.08 -0.28 | 28.16 0.06 0.00 | 32.46 0.10 0.00 | 33.06 0.07 0.00 | 34.48 0.07 0.00 | 35.64 0.04 0.00 | 37.73 0.04 0.00 | 39.10 -0.04 0.00 | 41.73 -0.13 0.00 | 43.22 -0.52 0.00 | 46.03 -0.23 0.00 | 44.23 0.22 0.00 | 40.71 0.40 0.00 | 35.84 0.70 0.00 | 34.36 0.80 0.00 | 30.22 0.45 0.00 | 27.00 0.16 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 31.35 3.02 -0.15 | 27.11 2.46 0.00 | 25.45 2.25 0.00 | 24.85 2.22 0.00 | 24.58 2.19 0.00 | 24.95 2.19 0.00 | 26.09 2.28 0.00 | 33.51 2.93 -4.64 | 35.24 3.09 -4.04 | 38.02 3.75 -1.91 | 37.43 3.50 -0.94 | 38.44 3.61 -0.41 | 40.03 3.70 -0.72 | 42.17 3.88 -0.60 | 43.57 3.87 -0.55 | 47.29 4.52 -0.92 | 52.60 4.72 -4.13 | 54.94 5.00 -3.68 | 48.62 4.18 -0.43 | 43.90 3.59 0.00 | 37.66 2.53 0.00 | 36.04 2.48 0.00 | 32.70 2.62 -0.31 | 29.20 2.36 0.00 |

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| GLENWOOD_IC_1_G5 23712 | 38.10 2.99 -6.92 | 37.24 2.46 -10.13 | 36.22 2.27 -10.75 | 29.42 2.26 -4.53 | 29.57 2.22 -4.96 | 30.16 2.30 -5.09 | 33.25 2.43 -7.02 | 36.11 2.88 -7.29 | 37.30 3.09 -6.11 | 38.10 3.72 -2.02 | 37.33 3.40 -0.94 | 38.30 3.48 -0.41 | 41.29 3.60 -2.09 | 42.13 3.84 -0.60 | 43.69 3.99 -0.55 | 47.29 4.52 -0.92 | 52.29 4.42 -4.13 | 54.85 4.90 -3.68 | 48.62 4.18 -0.43 | 43.78 3.47 0.00 | 37.49 2.35 0.00 | 36.11 2.55 0.00 | 32.67 2.59 -0.31 | 30.79 2.42 -1.54 |
| GLENWOOD_IC_2_G1 23688 | 37.87 2.76 -6.92 | 37.06 2.29 -10.13 | 36.06 2.11 -10.75 | 29.26 2.11 -4.53 | 29.37 2.02 -4.96 | 29.97 2.12 -5.09 | 33.06 2.24 -7.02 | 35.88 2.67 -7.27 | 37.03 2.84 -6.09 | 37.71 3.37 -1.98 | 36.87 2.97 -0.90 | 38.57 3.23 -0.92 | 41.00 3.35 -2.05 | 41.63 3.35 -0.58 | 43.39 3.72 -0.53 | 47.01 4.14 -1.01 | 52.23 4.42 -4.07 | 54.55 4.67 -3.62 | 48.18 3.74 -0.43 | 43.49 3.18 0.00 | 37.31 2.18 0.00 | 35.74 2.18 0.00 | 32.13 2.05 -0.31 | 30.58 2.20 -1.54 |
| GLENWOOD_IC_3_G1 23689 | 37.87 2.76 -6.92 | 37.06 2.29 -10.13 | 36.06 2.11 -10.75 | 29.26 2.11 -4.53 | 29.37 2.02 -4.96 | 29.97 2.12 -5.09 | 33.06 2.24 -7.02 | 35.88 2.67 -7.27 | 37.03 2.84 -6.09 | 37.71 3.37 -1.98 | 36.87 2.97 -0.90 | 38.57 3.23 -0.92 | 41.00 3.35 -2.05 | 41.63 3.35 -0.58 | 43.39 3.72 -0.53 | 47.01 4.14 -1.01 | 52.23 4.42 -4.07 | 54.55 4.67 -3.62 | 48.18 3.74 -0.43 | 43.49 3.18 0.00 | 37.31 2.18 0.00 | 35.74 2.18 0.00 | 32.13 2.05 -0.31 | 30.58 2.20 -1.54 |
| GLENWOOD___4 23550 | 38.10 2.99 -6.92 | 37.24 2.46 -10.13 | 36.22 2.27 -10.75 | 29.42 2.26 -4.53 | 29.57 2.22 -4.96 | 30.16 2.30 -5.09 | 33.25 2.43 -7.02 | 36.11 2.88 -7.29 | 37.30 3.09 -6.11 | 38.10 3.72 -2.02 | 37.36 3.43 -0.94 | 38.41 3.58 -0.41 | 41.40 3.70 -2.09 | 42.21 3.92 -0.60 | 43.80 4.11 -0.55 | 47.41 4.65 -0.92 | 52.38 4.51 -4.13 | 54.94 5.00 -3.68 | 48.71 4.27 -0.43 | 43.86 3.55 0.00 | 37.56 2.42 0.00 | 36.11 2.55 0.00 | 32.67 2.59 -0.31 | 30.79 2.42 -1.54 |
| GLENWOOD___5 23614 | 38.10 2.99 -6.92 | 37.24 2.46 -10.13 | 36.22 2.27 -10.75 | 29.42 2.26 -4.53 | 29.57 2.22 -4.96 | 30.16 2.30 -5.09 | 33.25 2.43 -7.02 | 36.11 2.88 -7.29 | 37.30 3.09 -6.11 | 38.10 3.72 -2.02 | 37.36 3.43 -0.94 | 38.41 3.58 -0.41 | 41.40 3.70 -2.09 | 42.21 3.92 -0.60 | 43.80 4.11 -0.55 | 47.41 4.65 -0.92 | 52.38 4.51 -4.13 | 54.94 5.00 -3.68 | 48.71 4.27 -0.43 | 43.86 3.55 0.00 | 37.56 2.42 0.00 | 36.11 2.55 0.00 | 32.67 2.59 -0.31 | 30.79 2.42 -1.54 |
| GLOBAL GREEN_PORT_GT1 23814 | 40.25 5.13 -6.93 | 39.06 4.29 -10.13 | 37.94 3.99 -10.75 | 31.03 3.87 -4.53 | 31.14 3.78 -4.96 | 31.80 3.94 -5.09 | 35.01 4.19 -7.02 | 38.08 4.88 -7.27 | 39.65 5.45 -6.10 | 40.63 6.28 -1.99 | 40.59 5.64 -1.96 | 41.54 6.19 -0.93 | 47.80 6.62 -5.57 | 112.91 6.44 -68.78 | 69.30 6.93 -23.24 | 76.54 7.62 -27.07 | 72.67 7.96 -20.97 | 167.68 8.47 -112.95 | 81.72 7.26 -30.46 | 46.86 6.49 -0.06 | 50.86 4.74 -10.98 | 42.75 4.73 -4.46 | 34.64 4.32 -0.56 | 33.02 4.59 -1.59 |
| GLOBE___DSASP 323697 | 26.81 -1.38 0.00 | 24.00 -0.64 0.00 | 22.32 -0.88 0.00 | 21.50 -1.13 0.00 | 21.31 -1.07 0.00 | 21.92 -0.84 0.00 | 23.35 -0.45 0.00 | 25.54 -1.22 -0.82 | 27.46 -1.38 -0.74 | 30.88 -1.72 -0.24 | 31.77 -1.29 -0.06 | 33.11 -1.31 0.00 | 34.11 -1.50 0.00 | 35.62 -2.07 0.00 | 37.30 -1.84 0.00 | 39.97 -1.88 0.00 | 42.84 -1.40 -0.50 | 45.27 -1.48 -0.48 | 42.60 -1.41 0.00 | 39.38 -0.93 0.00 | 35.03 -0.11 0.00 | 33.56 0.00 0.00 | 29.27 -0.51 0.00 | 26.65 -0.19 0.00 |
| GOETHSLN___LBMP 323567 | 30.98 2.65 -0.14 | 26.79 2.14 0.00 | 25.15 1.95 0.00 | 24.58 1.95 0.00 | 24.29 1.90 0.00 | 24.72 1.96 0.00 | 25.87 2.07 0.00 | 33.14 2.57 -4.63 | 34.84 2.70 -4.04 | 37.50 3.24 -1.90 | 36.93 3.00 -0.94 | 37.93 3.10 -0.41 | 39.49 3.17 -0.72 | 41.64 3.35 -0.60 | 43.22 3.52 -0.55 | 46.83 4.06 -0.92 | 52.07 4.20 -4.13 | 54.43 4.49 -3.68 | 48.14 3.70 -0.43 | 43.37 3.06 0.00 | 37.17 2.04 0.00 | 35.57 2.01 0.00 | 32.31 2.23 -0.31 | 28.88 2.04 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 28.22 0.03 0.00 | 24.91 0.27 0.00 | 23.22 0.02 0.00 | 22.47 -0.16 0.00 | 22.32 -0.07 0.00 | 23.02 0.25 0.00 | 24.30 0.50 0.00 | 26.76 0.16 -0.66 | 28.74 0.06 -0.58 | 32.42 -0.13 -0.19 | 33.40 0.36 -0.05 | 34.73 0.31 0.00 | 35.86 0.25 0.00 | 37.46 -0.23 0.00 | 39.10 -0.04 0.00 | 41.85 0.00 0.00 | 44.49 0.35 -0.39 | 46.92 0.28 -0.38 | 44.32 0.31 0.00 | 40.87 0.56 0.00 | 36.22 1.09 0.00 | 34.63 1.07 0.00 | 30.34 0.57 0.00 | 27.48 0.64 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 29.68 1.49 0.00 | 25.95 1.31 0.00 | 24.36 1.16 0.00 | 23.79 1.15 0.00 | 23.51 1.12 0.00 | 24.36 1.59 0.00 | 25.51 1.71 0.00 | 29.29 1.82 -1.53 | 34.56 1.97 -4.49 | 36.13 2.33 -1.44 | 35.71 2.34 -0.38 | 36.89 2.48 0.00 | 38.14 2.53 0.00 | 40.33 2.64 0.00 | 41.92 2.78 0.00 | 44.87 3.01 0.00 | 49.94 3.15 -3.04 | 52.55 3.33 -2.96 | 46.52 2.51 0.00 | 42.53 2.22 0.00 | 37.07 1.93 0.00 | 35.37 1.81 0.00 | 31.32 1.55 0.00 | 28.18 1.34 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 28.67 0.48 0.00 | 25.14 0.49 0.00 | 23.57 0.37 0.00 | 22.93 0.29 0.00 | 22.68 0.29 0.00 | 23.40 0.64 0.00 | 24.59 0.79 0.00 | 28.23 0.60 -1.69 | 30.48 0.73 -1.65 | 33.77 0.87 -0.53 | 34.22 1.09 -0.14 | 35.59 1.17 0.00 | 36.78 1.18 0.00 | 38.78 1.09 0.00 | 40.31 1.17 0.00 | 43.19 1.34 0.00 | 46.40 1.53 -1.12 | 48.97 1.62 -1.09 | 45.24 1.23 0.00 | 41.44 1.13 0.00 | 36.29 1.16 0.00 | 34.70 1.14 0.00 | 30.63 0.86 0.00 | 27.65 0.81 0.00 |
| GOUDEY___7 23579 | 28.70 0.51 0.00 | 25.16 0.52 0.00 | 23.59 0.39 0.00 | 22.95 0.32 0.00 | 22.70 0.31 0.00 | 23.43 0.66 0.00 | 24.61 0.81 0.00 | 28.26 0.62 -1.69 | 30.51 0.76 -1.65 | 33.83 0.94 -0.53 | 34.25 1.12 -0.14 | 35.62 1.20 0.00 | 36.82 1.21 0.00 | 38.86 1.17 0.00 | 40.39 1.25 0.00 | 43.27 1.42 0.00 | 46.44 1.57 -1.12 | 49.02 1.67 -1.09 | 45.28 1.28 0.00 | 41.52 1.21 0.00 | 36.33 1.19 0.00 | 34.73 1.17 0.00 | 30.66 0.89 0.00 | 27.70 0.86 0.00 |
| GOUDEY___8 23580 | 28.67 0.48 0.00 | 25.14 0.49 0.00 | 23.57 0.37 0.00 | 22.93 0.29 0.00 | 22.68 0.29 0.00 | 23.40 0.64 0.00 | 24.59 0.79 0.00 | 28.23 0.60 -1.69 | 30.48 0.73 -1.65 | 33.77 0.87 -0.53 | 34.22 1.09 -0.14 | 35.59 1.17 0.00 | 36.78 1.18 0.00 | 38.78 1.09 0.00 | 40.31 1.17 0.00 | 43.19 1.34 0.00 | 46.40 1.53 -1.12 | 48.97 1.62 -1.09 | 45.24 1.23 0.00 | 41.44 1.13 0.00 | 36.29 1.16 0.00 | 34.70 1.14 0.00 | 30.63 0.86 0.00 | 27.65 0.81 0.00 |
| GOWANUS_GT1_1 24077 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT1_2 24078 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |

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| GOWANUS_GT1_3 24079 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT1_4 24080 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT1_5 24084 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT1_6 24111 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT1_7 24112 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT1_8 24113 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT2_1 24114 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT2_2 24115 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT2_3 24116 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT2_4 24117 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT2_5 24118 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT2_6 24119 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT2_7 24120 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT2_8 24121 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT3_1 24122 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |

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|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT3_2 24123 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT3_3 24124 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT3_4 24125 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT3_5 24126 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT3_6 24127 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT3_7 24128 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT3_8 24129 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| GOWANUS_GT4_1 24130 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT4_2 24131 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT4_3 24132 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT4_4 24133 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT4_5 24134 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT4_6 24135 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT4_7 24136 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GOWANUS_GT4_8 24137 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |

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|---|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| GREENBSH_115KV_TB3 55895 | 29.02 0.99 0.15 | 25.41 0.76 0.00 | 23.96 0.77 0.00 | 23.45 0.81 0.00 | 23.15 0.76 0.00 | 23.61 0.84 0.00 | 24.63 0.83 0.00 | 31.62 0.96 -4.71 | 36.12 1.04 -6.98 | 35.20 1.20 -1.64 | 34.17 1.19 0.01 | 35.18 1.17 0.41 | 36.14 1.25 0.71 | 38.46 1.36 0.59 | 40.00 1.41 0.55 | 42.49 1.55 0.91 | 48.71 1.62 -3.35 | 51.52 1.67 -3.59 | 44.81 1.28 0.47 | 41.36 1.05 0.00 | 35.87 0.74 0.00 | 34.16 0.60 0.00 | 30.12 0.68 0.33 | 27.48 0.64 0.00 |
| GREENDGE_115KV_TB5 80291 | 28.58 0.39 0.00 | 25.14 0.49 0.00 | 23.48 0.28 0.00 | 22.79 0.16 0.00 | 22.61 0.22 0.00 | 23.31 0.55 0.00 | 24.59 0.79 0.00 | 27.50 0.52 -1.04 | 29.71 0.65 -0.97 | 33.45 0.78 -0.31 | 34.10 1.02 -0.08 | 35.34 0.93 0.00 | 36.46 0.85 0.00 | 38.37 0.68 0.00 | 39.88 0.74 0.00 | 42.69 0.84 0.00 | 45.49 1.09 -0.65 | 48.10 1.20 -0.64 | 45.06 1.06 0.00 | 41.44 1.13 0.00 | 36.54 1.41 0.00 | 35.14 1.58 0.00 | 30.96 1.19 0.00 | 27.91 1.07 0.00 |
| GREENIDGE___3 23582 | 28.58 0.39 0.00 | 25.14 0.49 0.00 | 23.48 0.28 0.00 | 22.79 0.16 0.00 | 22.61 0.22 0.00 | 23.31 0.55 0.00 | 24.59 0.79 0.00 | 27.50 0.52 -1.04 | 29.71 0.65 -0.97 | 33.45 0.78 -0.31 | 34.10 1.02 -0.08 | 35.34 0.93 0.00 | 36.46 0.85 0.00 | 38.37 0.68 0.00 | 39.88 0.74 0.00 | 42.69 0.84 0.00 | 45.49 1.09 -0.65 | 48.10 1.20 -0.64 | 45.06 1.06 0.00 | 41.44 1.13 0.00 | 36.54 1.41 0.00 | 35.14 1.58 0.00 | 30.96 1.19 0.00 | 27.91 1.07 0.00 |
| GREENIDGE___4 23583 | 28.61 0.42 0.00 | 25.14 0.49 0.00 | 23.48 0.28 0.00 | 22.79 0.16 0.00 | 22.64 0.25 0.00 | 23.31 0.55 0.00 | 24.58 0.78 0.00 | 27.53 0.55 -1.04 | 29.71 0.65 -0.97 | 33.48 0.81 -0.31 | 34.33 1.25 -0.08 | 35.38 0.96 0.00 | 36.57 0.96 0.00 | 38.74 1.05 0.00 | 39.88 0.74 0.00 | 42.85 1.00 0.00 | 45.54 1.14 -0.66 | 48.34 1.44 -0.64 | 45.24 1.23 0.00 | 41.60 1.29 0.00 | 36.61 1.48 0.00 | 35.14 1.58 0.00 | 31.32 1.55 0.00 | 27.91 1.07 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 37.84 2.73 -6.92 | 37.19 2.42 -10.13 | 36.25 2.30 -10.75 | 29.42 2.26 -4.53 | 29.57 2.22 -4.96 | 30.16 2.30 -5.09 | 33.25 2.43 -7.02 | 36.14 2.91 -7.29 | 37.26 3.06 -6.10 | 38.00 3.62 -2.01 | 36.76 3.07 -0.70 | 38.09 3.27 -0.41 | 40.33 3.42 -1.31 | 23.05 3.84 18.48 | 38.63 3.95 4.47 | 41.45 4.44 4.84 | 48.08 3.94 -0.40 | 30.64 4.86 20.48 | 41.99 4.18 6.20 | 43.56 3.27 0.02 | 35.00 2.00 2.13 | 35.04 2.01 0.53 | 32.31 2.26 -0.27 | 30.75 2.39 -1.52 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |
| GRISSOM___SOLAR 323813 | 31.29 3.21 0.12 | 27.38 2.74 0.00 | 25.71 2.51 0.00 | 25.12 2.49 0.00 | 24.85 2.46 0.00 | 25.54 2.78 0.00 | 26.70 2.90 0.00 | 34.68 3.03 -5.71 | 40.84 3.15 -9.59 | 38.35 3.37 -2.62 | 37.49 4.16 -0.34 | 38.47 4.37 0.32 | 39.54 4.49 0.55 | 41.04 3.81 0.46 | 42.67 3.95 0.43 | 45.50 4.35 0.71 | 53.94 4.77 -5.43 | 57.21 5.41 -5.54 | 48.45 4.80 0.35 | 44.78 4.47 0.00 | 39.42 4.28 0.00 | 37.48 3.92 0.00 | 32.83 3.30 0.25 | 29.74 2.90 0.00 |
| GROVEVILLE___HYD 323602 | 30.64 2.34 -0.11 | 26.57 1.92 0.00 | 25.01 1.81 0.00 | 24.44 1.81 0.00 | 24.07 1.68 0.00 | 24.57 1.80 0.00 | 25.63 1.83 0.00 | 32.57 2.08 -4.55 | 34.31 2.19 -4.02 | 36.61 2.49 -1.76 | 36.13 2.34 -0.80 | 37.14 2.41 -0.32 | 38.80 2.63 -0.55 | 41.05 2.90 -0.46 | 42.58 3.01 -0.43 | 45.95 3.39 -0.71 | 51.09 3.54 -3.80 | 53.44 3.75 -3.43 | 47.46 3.12 -0.33 | 42.93 2.62 0.00 | 37.07 1.93 0.00 | 35.40 1.85 0.00 | 31.94 1.94 -0.23 | 28.56 1.72 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 28.19 0.00 0.00 | 24.69 0.05 0.00 | 23.18 -0.02 0.00 | 22.56 -0.07 0.00 | 22.37 -0.02 0.00 | 22.86 0.09 0.00 | 23.92 0.12 0.00 | 26.56 0.08 -0.54 | 28.67 0.11 -0.46 | 32.64 0.13 -0.15 | 33.36 0.33 -0.04 | 34.76 0.34 0.00 | 35.96 0.36 0.00 | 37.95 0.26 0.00 | 39.37 0.23 0.00 | 42.14 0.29 0.00 | 44.36 0.31 -0.31 | 46.89 0.32 -0.30 | 44.27 0.26 0.00 | 40.59 0.28 0.00 | 35.52 0.39 0.00 | 33.96 0.40 0.00 | 30.01 0.24 0.00 | 27.08 0.24 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 28.30 0.11 0.00 | 24.79 0.15 0.00 | 23.27 0.07 0.00 | 22.66 0.02 0.00 | 22.46 0.07 0.00 | 22.97 0.20 0.00 | 24.06 0.26 0.00 | 26.75 0.23 -0.57 | 28.85 0.25 -0.49 | 32.84 0.32 -0.16 | 33.49 0.46 -0.04 | 34.93 0.52 0.00 | 36.14 0.53 0.00 | 38.18 0.49 0.00 | 39.65 0.51 0.00 | 42.40 0.54 0.00 | 44.69 0.61 -0.34 | 47.19 0.60 -0.33 | 44.54 0.53 0.00 | 40.83 0.52 0.00 | 35.80 0.67 0.00 | 34.23 0.67 0.00 | 30.22 0.45 0.00 | 27.22 0.38 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 27.28 -0.90 0.00 | 23.85 -0.79 0.00 | 22.39 -0.81 0.00 | 21.95 -0.68 0.00 | 21.72 -0.67 0.00 | 22.13 -0.64 0.00 | 23.09 -0.71 0.00 | 25.30 -0.78 -0.14 | 27.28 -0.82 0.00 | 31.42 -0.94 0.00 | 31.93 -1.06 0.00 | 33.31 -1.10 0.00 | 34.50 -1.10 0.00 | 36.48 -1.21 0.00 | 37.93 -1.21 0.00 | 40.39 -1.47 0.00 | 41.99 -1.75 0.00 | 44.55 -1.71 0.00 | 42.73 -1.28 0.00 | 39.22 -1.09 0.00 | 34.47 -0.67 0.00 | 33.02 -0.54 0.00 | 29.09 -0.68 0.00 | 26.12 -0.72 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 27.99 -0.20 0.00 | 24.50 -0.15 0.00 | 23.06 -0.14 0.00 | 22.50 -0.13 0.00 | 22.26 -0.13 0.00 | 22.58 -0.18 0.00 | 23.66 -0.14 0.00 | 25.79 -0.15 0.00 | 28.02 -0.08 0.00 | 32.30 -0.06 0.00 | 33.12 0.13 0.00 | 34.59 0.17 0.00 | 35.86 0.25 0.00 | 37.73 0.04 0.00 | 39.22 0.08 0.00 | 41.89 0.04 0.00 | 43.83 0.09 0.00 | 46.31 0.05 0.00 | 44.27 0.27 0.00 | 40.51 0.20 0.00 | 35.31 0.18 0.00 | 33.73 0.17 0.00 | 29.89 0.12 0.00 | 26.95 0.11 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 30.45 2.14 -0.12 | 26.42 1.77 0.00 | 24.85 1.65 0.00 | 24.26 1.63 0.00 | 23.91 1.52 0.00 | 24.43 1.66 0.00 | 25.51 1.71 0.00 | 32.17 1.92 -4.31 | 33.93 2.05 -3.78 | 36.48 2.39 -1.72 | 36.09 2.28 -0.83 | 37.14 2.37 -0.35 | 38.82 2.60 -0.61 | 40.99 2.79 -0.51 | 42.51 2.90 -0.47 | 45.90 3.26 -0.78 | 50.90 3.41 -3.74 | 53.22 3.61 -3.35 | 47.32 2.95 -0.37 | 42.77 2.46 0.00 | 36.89 1.76 0.00 | 35.27 1.71 0.00 | 31.85 1.82 -0.26 | 28.45 1.61 0.00 |
| HARSNRAD_115KV_TB1 81005 | 27.54 -0.65 0.00 | 24.42 -0.22 0.00 | 22.71 -0.49 0.00 | 21.89 -0.75 0.00 | 21.69 -0.69 0.00 | 22.54 -0.23 0.00 | 23.99 0.19 0.00 | 26.12 -0.62 -0.80 | 28.18 -0.65 -0.72 | 31.75 -0.84 -0.23 | 32.72 -0.33 -0.06 | 34.07 -0.34 0.00 | 35.11 -0.50 0.00 | 36.67 -1.02 0.00 | 38.40 -0.74 0.00 | 41.14 -0.71 0.00 | 43.97 -0.26 -0.49 | 46.46 -0.28 -0.48 | 43.79 -0.22 0.00 | 40.43 0.12 0.00 | 35.98 0.84 0.00 | 34.46 0.91 0.00 | 30.07 0.30 0.00 | 27.38 0.54 0.00 |
| HARZA MOOSE___RIVER 24016 | 28.44 0.25 0.00 | 24.89 0.25 0.00 | 23.27 0.07 0.00 | 22.84 0.20 0.00 | 22.59 0.20 0.00 | 22.99 0.23 0.00 | 24.01 0.21 0.00 | 26.32 0.21 -0.17 | 28.38 0.28 0.00 | 32.69 0.32 0.00 | 33.42 0.43 0.00 | 34.86 0.45 0.00 | 36.07 0.46 0.00 | 38.07 0.38 0.00 | 39.57 0.43 0.00 | 42.19 0.33 0.00 | 43.96 0.22 0.00 | 46.64 0.37 0.00 | 44.67 0.66 0.00 | 40.91 0.60 0.00 | 35.84 0.70 0.00 | 34.30 0.74 0.00 | 30.22 0.45 0.00 | 27.14 0.30 0.00 |

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| HDSNBRDG_115KV_BRDG_TB1 355580 | 28.02 -0.17 0.00 | 24.54 -0.10 0.00 | 23.04 -0.16 0.00 | 22.43 -0.20 0.00 | 22.23 -0.16 0.00 | 22.70 -0.07 0.00 | 23.78 -0.02 0.00 | 26.35 -0.08 -0.49 | 28.39 -0.11 -0.40 | 32.36 -0.13 -0.13 | 33.03 0.00 -0.03 | 34.45 0.03 0.00 | 35.64 0.04 0.00 | 37.65 -0.04 0.00 | 39.10 -0.04 0.00 | 41.81 -0.04 0.00 | 44.02 0.00 -0.27 | 46.48 -0.05 -0.27 | 43.92 -0.09 0.00 | 40.27 -0.04 0.00 | 35.24 0.11 0.00 | 33.69 0.13 0.00 | 29.80 0.03 0.00 | 26.89 0.05 0.00 |
| HELLGATE_13_KV_LD 55870 | 31.21 2.88 -0.15 | 26.99 2.34 0.00 | 25.34 2.13 0.00 | 24.76 2.13 0.00 | 24.47 2.08 0.00 | 24.84 2.07 0.00 | 25.97 2.17 0.00 | 33.33 2.75 -4.64 | 35.04 2.89 -4.04 | 37.77 3.50 -1.91 | 37.16 3.23 -0.94 | 38.17 3.34 -0.41 | 39.74 3.42 -0.72 | 41.83 3.54 -0.60 | 43.26 3.56 -0.55 | 46.87 4.10 -0.92 | 52.16 4.29 -4.13 | 54.48 4.53 -3.68 | 48.22 3.78 -0.43 | 43.53 3.22 0.00 | 37.38 2.25 0.00 | 35.77 2.21 0.00 | 32.49 2.41 -0.31 | 29.07 2.23 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 31.21 2.88 -0.15 | 26.99 2.34 0.00 | 25.34 2.13 0.00 | 24.76 2.13 0.00 | 24.47 2.08 0.00 | 24.84 2.07 0.00 | 25.97 2.17 0.00 | 33.33 2.75 -4.64 | 35.04 2.89 -4.04 | 37.77 3.50 -1.91 | 37.16 3.23 -0.94 | 38.17 3.34 -0.41 | 39.74 3.42 -0.72 | 41.83 3.54 -0.60 | 43.26 3.56 -0.55 | 46.87 4.10 -0.92 | 52.16 4.29 -4.13 | 54.48 4.53 -3.68 | 48.22 3.78 -0.43 | 43.53 3.22 0.00 | 37.38 2.25 0.00 | 35.77 2.21 0.00 | 32.49 2.41 -0.31 | 29.07 2.23 0.00 |
| HEMPSTEAD____ 23647 | 38.10 2.99 -6.92 | 37.26 2.49 -10.13 | 36.25 2.30 -10.75 | 29.45 2.28 -4.53 | 29.57 2.22 -4.96 | 30.18 2.32 -5.09 | 33.27 2.45 -7.02 | 36.11 2.90 -7.27 | 37.25 3.06 -6.09 | 37.94 3.59 -1.98 | 36.87 2.97 -0.90 | 38.64 3.30 -0.92 | 41.22 3.56 -2.05 | 41.70 3.43 -0.58 | 43.54 3.88 -0.53 | 47.18 4.31 -1.01 | 52.32 4.51 -4.07 | 54.60 4.72 -3.62 | 48.23 3.79 -0.43 | 43.54 3.23 0.00 | 37.24 2.11 0.00 | 35.81 2.25 0.00 | 32.22 2.14 -0.31 | 30.84 2.47 -1.54 |
| HEWLETT_69_KV_BK3 55828 | 38.44 3.33 -6.92 | 37.56 2.78 -10.13 | 36.53 2.58 -10.75 | 29.69 2.53 -4.53 | 29.84 2.49 -4.96 | 30.43 2.57 -5.09 | 33.51 2.69 -7.02 | 36.34 3.11 -7.29 | 37.52 3.32 -6.11 | 38.36 3.98 -2.02 | 37.69 3.76 -0.94 | 38.89 4.06 -0.41 | 41.90 4.20 -2.09 | 42.77 4.49 -0.60 | 44.39 4.70 -0.55 | 47.92 5.15 -0.92 | 52.78 4.90 -4.13 | 55.45 5.51 -3.68 | 49.33 4.88 -0.43 | 44.42 4.11 0.00 | 38.05 2.92 0.00 | 36.38 2.82 0.00 | 33.00 2.92 -0.31 | 31.14 2.76 -1.54 |
| HICKLING___1 23621 | 28.92 0.73 0.00 | 25.46 0.81 0.00 | 23.78 0.58 0.00 | 23.04 0.41 0.00 | 22.84 0.45 0.00 | 23.65 0.89 0.00 | 24.94 1.14 0.00 | 28.02 0.75 -1.33 | 30.34 0.98 -1.26 | 33.99 1.23 -0.40 | 34.65 1.55 -0.10 | 36.07 1.65 0.00 | 37.25 1.64 0.00 | 39.24 1.55 0.00 | 40.82 1.68 0.00 | 43.74 1.88 0.00 | 46.78 2.19 -0.85 | 49.45 2.36 -0.83 | 46.08 2.07 0.00 | 42.33 2.02 0.00 | 37.28 2.14 0.00 | 35.67 2.11 0.00 | 31.35 1.58 0.00 | 28.32 1.48 0.00 |
| HICKLING___2 23622 | 28.92 0.73 0.00 | 25.46 0.81 0.00 | 23.78 0.58 0.00 | 23.04 0.41 0.00 | 22.84 0.45 0.00 | 23.65 0.89 0.00 | 24.94 1.14 0.00 | 28.02 0.75 -1.33 | 30.34 0.98 -1.26 | 33.99 1.23 -0.40 | 34.65 1.55 -0.10 | 36.07 1.65 0.00 | 37.25 1.64 0.00 | 39.24 1.55 0.00 | 40.82 1.68 0.00 | 43.74 1.88 0.00 | 46.78 2.19 -0.85 | 49.45 2.36 -0.83 | 46.08 2.07 0.00 | 42.33 2.02 0.00 | 37.28 2.14 0.00 | 35.67 2.11 0.00 | 31.35 1.58 0.00 | 28.32 1.48 0.00 |
| HIGH FALLS___HY 23754 | 30.42 2.17 -0.06 | 26.39 1.75 0.00 | 24.82 1.62 0.00 | 24.24 1.61 0.00 | 23.87 1.48 0.00 | 24.38 1.62 0.00 | 25.47 1.67 0.00 | 32.19 1.89 -4.36 | 34.17 1.91 -4.16 | 36.23 2.27 -1.60 | 35.68 2.08 -0.61 | 36.77 2.17 -0.18 | 38.35 2.42 -0.32 | 40.52 2.56 -0.26 | 42.12 2.74 -0.24 | 45.40 3.14 -0.41 | 50.37 3.19 -3.44 | 52.83 3.38 -3.19 | 47.05 2.86 -0.18 | 42.65 2.34 0.00 | 36.75 1.62 0.00 | 35.17 1.61 0.00 | 31.68 1.79 -0.13 | 28.37 1.53 0.00 |
| HILLBURN___GT 23639 | 30.48 2.17 -0.12 | 26.47 1.82 0.00 | 24.87 1.67 0.00 | 24.31 1.67 0.00 | 23.98 1.59 0.00 | 24.48 1.71 0.00 | 25.59 1.79 0.00 | 32.37 2.08 -4.36 | 34.11 2.19 -3.82 | 36.74 2.65 -1.73 | 36.28 2.48 -0.82 | 37.41 2.65 -0.34 | 38.98 2.78 -0.60 | 40.97 2.79 -0.49 | 42.69 3.09 -0.46 | 46.05 3.43 -0.76 | 51.20 3.72 -3.74 | 53.51 3.89 -3.36 | 47.47 3.08 -0.38 | 42.89 2.58 0.00 | 36.89 1.76 0.00 | 35.27 1.71 0.00 | 31.68 1.64 -0.27 | 28.53 1.69 0.00 |
| HILLSIDE_115KV_TB1 80332 | 28.36 0.17 0.00 | 24.96 0.32 0.00 | 23.32 0.12 0.00 | 22.63 0.00 0.00 | 22.41 0.02 0.00 | 23.18 0.41 0.00 | 24.44 0.64 0.00 | 27.52 0.21 -1.38 | 29.79 0.39 -1.30 | 33.33 0.55 -0.42 | 33.96 0.86 -0.11 | 35.38 0.96 0.00 | 36.50 0.89 0.00 | 38.44 0.75 0.00 | 40.00 0.86 0.00 | 42.90 1.05 0.00 | 45.90 1.27 -0.88 | 48.51 1.39 -0.86 | 45.11 1.10 0.00 | 41.40 1.09 0.00 | 36.36 1.23 0.00 | 34.83 1.28 0.00 | 30.63 0.86 0.00 | 27.67 0.83 0.00 |
| HISHELDN_WT_PWR 323625 | 27.93 -0.25 0.00 | 24.74 0.10 0.00 | 23.04 -0.16 0.00 | 22.25 -0.38 0.00 | 22.10 -0.29 0.00 | 22.86 0.09 0.00 | 24.32 0.52 0.00 | 26.66 -0.23 -0.95 | 28.89 -0.08 -0.87 | 32.54 -0.10 -0.28 | 33.66 0.59 -0.07 | 34.90 0.48 0.00 | 36.04 0.43 0.00 | 38.29 0.60 0.00 | 39.26 0.12 0.00 | 42.39 0.54 0.00 | 44.90 0.57 -0.59 | 47.72 0.88 -0.57 | 44.71 0.70 0.00 | 41.40 1.09 0.00 | 36.57 1.44 0.00 | 34.93 1.38 0.00 | 31.29 1.52 0.00 | 27.72 0.88 0.00 |
| HOLTSVILLE_IC_1 23690 | 38.50 3.38 -6.93 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.78 2.62 -4.53 | 29.90 2.55 -4.96 | 30.52 2.66 -5.09 | 33.65 2.83 -7.02 | 36.56 3.35 -7.27 | 37.80 3.60 -6.10 | 38.43 4.08 -1.99 | 37.97 3.03 -1.94 | 38.72 3.37 -0.93 | 44.78 3.67 -5.50 | 108.67 3.43 -67.55 | 65.84 3.88 -22.83 | 72.81 4.35 -26.60 | 68.91 4.51 -20.66 | 162.02 4.77 -110.99 | 77.71 3.79 -29.92 | 43.63 3.26 -0.06 | 48.03 2.21 -10.68 | 40.24 2.28 -4.40 | 32.62 2.29 -0.55 | 31.33 2.90 -1.59 |
| HOLTSVILLE_IC_10 23699 | 38.78 3.66 -6.93 | 37.85 3.08 -10.13 | 36.83 2.88 -10.75 | 29.96 2.81 -4.53 | 30.08 2.73 -4.96 | 30.70 2.85 -5.09 | 33.87 3.05 -7.02 | 36.79 3.58 -7.27 | 38.08 3.88 -6.10 | 38.79 4.43 -1.99 | 38.37 3.37 -2.01 | 39.10 3.75 -0.93 | 45.39 4.06 -5.73 | 113.46 3.88 -71.88 | 67.76 4.34 -24.27 | 74.96 4.85 -28.26 | 70.55 5.07 -21.74 | 169.51 5.32 -117.93 | 80.15 4.32 -31.83 | 44.16 3.79 -0.06 | 49.83 2.64 -12.06 | 40.92 2.69 -4.68 | 32.96 2.62 -0.57 | 31.60 3.17 -1.60 |
| HOLTSVILLE_IC_2 23691 | 38.50 3.38 -6.93 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.78 2.62 -4.53 | 29.90 2.55 -4.96 | 30.52 2.66 -5.09 | 33.65 2.83 -7.02 | 36.56 3.35 -7.27 | 37.80 3.60 -6.10 | 38.43 4.08 -1.99 | 37.97 3.03 -1.94 | 38.72 3.37 -0.93 | 44.78 3.67 -5.50 | 108.67 3.43 -67.55 | 65.84 3.88 -22.83 | 72.81 4.35 -26.60 | 68.91 4.51 -20.66 | 162.02 4.77 -110.99 | 77.71 3.79 -29.92 | 43.63 3.26 -0.06 | 48.03 2.21 -10.68 | 40.24 2.28 -4.40 | 32.62 2.29 -0.55 | 31.33 2.90 -1.59 |
| HOLTSVILLE_IC_3 23692 | 38.50 3.38 -6.93 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.78 2.62 -4.53 | 29.90 2.55 -4.96 | 30.52 2.66 -5.09 | 33.65 2.83 -7.02 | 36.56 3.35 -7.27 | 37.80 3.60 -6.10 | 38.43 4.08 -1.99 | 37.97 3.03 -1.94 | 38.72 3.37 -0.93 | 44.78 3.67 -5.50 | 108.67 3.43 -67.55 | 65.84 3.88 -22.83 | 72.81 4.35 -26.60 | 68.91 4.51 -20.66 | 162.02 4.77 -110.99 | 77.71 3.79 -29.92 | 43.63 3.26 -0.06 | 48.03 2.21 -10.68 | 40.24 2.28 -4.40 | 32.62 2.29 -0.55 | 31.33 2.90 -1.59 |

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| HOLTSVILLE_IC_4 23693 | 38.50 3.38 -6.93 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.78 2.62 -4.53 | 29.90 2.55 -4.96 | 30.52 2.66 -5.09 | 33.65 2.83 -7.02 | 36.56 3.35 -7.27 | 37.80 3.60 -6.10 | 38.43 4.08 -1.99 | 37.97 3.03 -1.94 | 38.72 3.37 -0.93 | 44.78 3.67 -5.50 | 108.67 3.43 -67.55 | 65.84 3.88 -22.83 | 72.81 4.35 -26.60 | 68.91 4.51 -20.66 | 162.02 4.77 -110.99 | 77.71 3.79 -29.92 | 43.63 3.26 -0.06 | 48.03 2.21 -10.68 | 40.24 2.28 -4.40 | 32.62 2.29 -0.55 | 31.33 2.90 -1.59 |
| HOLTSVILLE_IC_5 23694 | 38.50 3.38 -6.93 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.78 2.62 -4.53 | 29.90 2.55 -4.96 | 30.52 2.66 -5.09 | 33.65 2.83 -7.02 | 36.56 3.35 -7.27 | 37.80 3.60 -6.10 | 38.43 4.08 -1.99 | 37.97 3.03 -1.94 | 38.72 3.37 -0.93 | 44.78 3.67 -5.50 | 108.67 3.43 -67.55 | 65.84 3.88 -22.83 | 72.81 4.35 -26.60 | 68.91 4.51 -20.66 | 162.02 4.77 -110.99 | 77.71 3.79 -29.92 | 43.63 3.26 -0.06 | 48.03 2.21 -10.68 | 40.24 2.28 -4.40 | 32.62 2.29 -0.55 | 31.33 2.90 -1.59 |
| HOLTSVILLE_IC_6 23695 | 38.78 3.66 -6.93 | 37.85 3.08 -10.13 | 36.83 2.88 -10.75 | 29.96 2.81 -4.53 | 30.08 2.73 -4.96 | 30.70 2.85 -5.09 | 33.87 3.05 -7.02 | 36.79 3.58 -7.27 | 38.08 3.88 -6.10 | 38.79 4.43 -1.99 | 38.37 3.37 -2.01 | 39.10 3.75 -0.93 | 45.39 4.06 -5.73 | 113.46 3.88 -71.88 | 67.76 4.34 -24.27 | 74.96 4.85 -28.26 | 70.55 5.07 -21.74 | 169.51 5.32 -117.93 | 80.15 4.32 -31.83 | 44.16 3.79 -0.06 | 49.83 2.64 -12.06 | 40.92 2.69 -4.68 | 32.96 2.62 -0.57 | 31.60 3.17 -1.60 |
| HOLTSVILLE_IC_7 23696 | 38.78 3.66 -6.93 | 37.85 3.08 -10.13 | 36.83 2.88 -10.75 | 29.96 2.81 -4.53 | 30.08 2.73 -4.96 | 30.70 2.85 -5.09 | 33.87 3.05 -7.02 | 36.79 3.58 -7.27 | 38.08 3.88 -6.10 | 38.79 4.43 -1.99 | 38.37 3.37 -2.01 | 39.10 3.75 -0.93 | 45.39 4.06 -5.73 | 113.46 3.88 -71.88 | 67.76 4.34 -24.27 | 74.96 4.85 -28.26 | 70.55 5.07 -21.74 | 169.51 5.32 -117.93 | 80.15 4.32 -31.83 | 44.16 3.79 -0.06 | 49.83 2.64 -12.06 | 40.92 2.69 -4.68 | 32.96 2.62 -0.57 | 31.60 3.17 -1.60 |
| HOLTSVILLE_IC_8 23697 | 38.78 3.66 -6.93 | 37.85 3.08 -10.13 | 36.83 2.88 -10.75 | 29.96 2.81 -4.53 | 30.08 2.73 -4.96 | 30.70 2.85 -5.09 | 33.87 3.05 -7.02 | 36.79 3.58 -7.27 | 38.08 3.88 -6.10 | 38.79 4.43 -1.99 | 38.37 3.37 -2.01 | 39.10 3.75 -0.93 | 45.39 4.06 -5.73 | 113.46 3.88 -71.88 | 67.76 4.34 -24.27 | 74.96 4.85 -28.26 | 70.55 5.07 -21.74 | 169.51 5.32 -117.93 | 80.15 4.32 -31.83 | 44.16 3.79 -0.06 | 49.83 2.64 -12.06 | 40.92 2.69 -4.68 | 32.96 2.62 -0.57 | 31.60 3.17 -1.60 |
| HOLTSVILLE_IC_9 23698 | 38.78 3.66 -6.93 | 37.85 3.08 -10.13 | 36.83 2.88 -10.75 | 29.96 2.81 -4.53 | 30.08 2.73 -4.96 | 30.70 2.85 -5.09 | 33.87 3.05 -7.02 | 36.79 3.58 -7.27 | 38.08 3.88 -6.10 | 38.79 4.43 -1.99 | 38.37 3.37 -2.01 | 39.10 3.75 -0.93 | 45.39 4.06 -5.73 | 113.46 3.88 -71.88 | 67.76 4.34 -24.27 | 74.96 4.85 -28.26 | 70.55 5.07 -21.74 | 169.51 5.32 -117.93 | 80.15 4.32 -31.83 | 44.16 3.79 -0.06 | 49.83 2.64 -12.06 | 40.92 2.69 -4.68 | 32.96 2.62 -0.57 | 31.60 3.17 -1.60 |
| HOMER_HL_115KV_TB2 355744 | 28.16 -0.03 0.00 | 24.94 0.30 0.00 | 23.22 0.02 0.00 | 22.41 -0.23 0.00 | 22.19 -0.20 0.00 | 23.06 0.30 0.00 | 24.51 0.71 0.00 | 26.38 -0.57 -1.01 | 29.11 0.08 -0.93 | 32.89 0.23 -0.30 | 33.76 0.69 -0.08 | 35.21 0.79 0.00 | 35.82 0.21 0.00 | 37.77 0.08 0.00 | 39.45 0.31 0.00 | 42.27 0.42 0.00 | 45.16 0.79 -0.63 | 47.80 0.93 -0.61 | 44.76 0.75 0.00 | 41.16 0.85 0.00 | 36.33 1.19 0.00 | 35.17 1.61 0.00 | 30.72 0.95 0.00 | 27.94 1.10 0.00 |
| HOWARD_WT_PWR 323690 | 28.75 0.56 0.00 | 25.41 0.76 0.00 | 23.69 0.49 0.00 | 22.93 0.29 0.00 | 22.79 0.40 0.00 | 23.59 0.82 0.00 | 24.99 1.19 0.00 | 27.70 0.65 -1.11 | 30.01 0.87 -1.03 | 33.79 1.10 -0.33 | 34.86 1.78 -0.09 | 36.03 1.62 0.00 | 37.17 1.56 0.00 | 39.39 1.70 0.00 | 40.43 1.29 0.00 | 43.61 1.76 0.00 | 46.37 1.92 -0.70 | 49.26 2.31 -0.68 | 46.03 2.03 0.00 | 42.48 2.18 0.00 | 37.49 2.35 0.00 | 35.87 2.31 0.00 | 32.09 2.32 0.00 | 28.50 1.66 0.00 |
| HQ_GEN_CEDARS 23644 | 27.46 -0.73 0.00 | 23.98 -0.67 0.00 | 22.67 -0.53 0.00 | 22.09 -0.54 0.00 | 21.87 -0.51 0.00 | 22.27 -0.50 0.00 | 23.21 -0.60 0.00 | 25.29 -0.65 0.00 | 27.45 -0.65 0.00 | 31.59 -0.78 0.00 | 32.17 -0.82 0.00 | 33.52 -0.89 0.00 | 34.75 -0.85 0.00 | 36.82 -0.87 0.00 | 38.16 -0.98 0.00 | 40.68 -1.17 0.00 | 42.34 -1.40 0.00 | 44.88 -1.39 0.00 | 42.60 -1.41 0.00 | 39.14 -1.17 0.00 | 34.36 -0.77 0.00 | 32.85 -0.70 0.00 | 29.00 -0.77 0.00 | 26.12 -0.72 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 27.46 -0.73 0.00 | 23.98 -0.66 0.00 | 22.67 -0.53 0.00 | 22.09 -0.54 0.00 | 21.87 -0.51 0.00 | 22.27 -0.50 0.00 | 23.55 -0.59 -0.34 | 24.95 -0.65 0.34 | 27.45 -0.65 0.00 | 31.01 -0.78 0.58 | 32.71 -0.86 -0.58 | 33.52 -0.89 0.00 | 34.72 -0.89 0.00 | 36.68 -1.02 0.00 | 38.16 -0.98 0.00 | 40.64 -1.22 0.00 | 42.34 -1.40 0.00 | 44.78 -1.48 0.00 | 42.64 -1.36 0.00 | 39.14 -1.17 0.00 | 34.36 -0.77 0.00 | 32.85 -0.71 0.00 | 29.00 -0.77 0.00 | 26.12 -0.72 0.00 |
| HQ_GEN_IMPORT 323601 | 27.68 -0.51 0.00 | 24.20 -0.44 0.00 | 22.80 -0.39 0.00 | 22.25 -0.38 0.00 | 22.01 -0.38 0.00 | 22.40 -0.37 0.00 | 23.74 -0.40 -0.34 | 25.18 -0.42 0.34 | 27.65 -0.45 0.00 | 31.27 -0.52 0.58 | 33.01 -0.56 -0.58 | 33.83 -0.59 0.00 | 35.00 -0.61 0.00 | 37.05 -0.64 0.00 | 38.47 -0.67 0.00 | 41.10 -0.75 0.00 | 42.91 -0.83 0.00 | 45.34 -0.92 0.00 | 43.17 -0.84 0.00 | 39.59 -0.72 0.00 | 34.57 -0.56 0.00 | 33.02 -0.54 0.00 | 29.24 -0.54 0.00 | 26.36 -0.48 0.00 |
| HQ_GEN_WHEEL 23651 | 27.68 -0.51 0.00 | 24.20 -0.44 0.00 | 22.80 -0.39 0.00 | 22.25 -0.38 0.00 | 22.01 -0.38 0.00 | 22.40 -0.37 0.00 | 23.74 -0.40 -0.34 | 25.18 -0.42 0.34 | 27.65 -0.45 0.00 | 31.27 -0.52 0.58 | 33.01 -0.56 -0.58 | 33.83 -0.59 0.00 | 35.00 -0.61 0.00 | 37.05 -0.64 0.00 | 38.47 -0.67 0.00 | 41.10 -0.75 0.00 | 42.91 -0.83 0.00 | 45.34 -0.92 0.00 | 43.17 -0.84 0.00 | 39.59 -0.72 0.00 | 34.57 -0.56 0.00 | 33.02 -0.54 0.00 | 29.24 -0.54 0.00 | 26.36 -0.48 0.00 |
| HUDSON_AVE_GT_3 23810 | 31.15 2.82 -0.14 | 26.91 2.27 0.00 | 25.29 2.09 0.00 | 24.71 2.08 0.00 | 24.43 2.04 0.00 | 24.84 2.07 0.00 | 25.99 2.19 0.00 | 33.30 2.72 -4.63 | 35.04 2.89 -4.04 | 37.76 3.50 -1.90 | 37.16 3.23 -0.94 | 38.17 3.34 -0.41 | 39.78 3.45 -0.72 | 41.94 3.66 -0.60 | 43.49 3.80 -0.55 | 47.16 4.39 -0.92 | 52.47 4.59 -4.13 | 54.85 4.90 -3.68 | 48.49 4.05 -0.43 | 43.74 3.43 0.00 | 37.45 2.32 0.00 | 35.81 2.25 0.00 | 32.52 2.44 -0.31 | 29.01 2.17 0.00 |
| HUDSON_AVE_GT_4 23540 | 31.15 2.82 -0.14 | 26.91 2.27 0.00 | 25.29 2.09 0.00 | 24.71 2.08 0.00 | 24.43 2.04 0.00 | 24.84 2.07 0.00 | 25.99 2.19 0.00 | 33.30 2.72 -4.63 | 35.04 2.89 -4.04 | 37.76 3.50 -1.90 | 37.16 3.23 -0.94 | 38.17 3.34 -0.41 | 39.78 3.45 -0.72 | 41.94 3.66 -0.60 | 43.49 3.80 -0.55 | 47.16 4.39 -0.92 | 52.47 4.59 -4.13 | 54.85 4.90 -3.68 | 48.49 4.05 -0.43 | 43.74 3.43 0.00 | 37.45 2.32 0.00 | 35.81 2.25 0.00 | 32.52 2.44 -0.31 | 29.01 2.17 0.00 |
| HUDSON_AVE_GT_5 23657 | 31.15 2.82 -0.14 | 26.91 2.27 0.00 | 25.29 2.09 0.00 | 24.71 2.08 0.00 | 24.43 2.04 0.00 | 24.84 2.07 0.00 | 25.99 2.19 0.00 | 33.30 2.72 -4.63 | 35.04 2.89 -4.04 | 37.76 3.50 -1.90 | 37.16 3.23 -0.94 | 38.17 3.34 -0.41 | 39.78 3.45 -0.72 | 41.94 3.66 -0.60 | 43.49 3.80 -0.55 | 47.16 4.39 -0.92 | 52.47 4.59 -4.13 | 54.85 4.90 -3.68 | 48.49 4.05 -0.43 | 43.74 3.43 0.00 | 37.45 2.32 0.00 | 35.81 2.25 0.00 | 32.52 2.44 -0.31 | 29.01 2.17 0.00 |

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|-------------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|---------------------------|-------------------------|--------------------------|-------------------------|---------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HUDSON_AVE_10 24168 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.22 2.02 0.00 | 24.65 2.01 0.00 | 24.36 1.97 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.27 2.70 -4.63 | 35.01 2.87 -4.04 | 37.72 3.46 -1.90 | 37.06 3.13 -0.94 | 38.06 3.24 -0.41 | 39.67 3.35 -0.72 | 41.87 3.58 -0.60 | 43.37 3.68 -0.55 | 47.08 4.31 -0.92 | 52.38 4.51 -4.13 | 54.75 4.81 -3.68 | 48.40 3.96 -0.43 | 43.66 3.35 0.00 | 37.38 2.25 0.00 | 35.71 2.15 0.00 | 32.46 2.38 -0.31 | 28.96 2.12 0.00 |
| HUDSON___115KV_TB 4 355613 | 29.71 1.63 0.11 | 25.90 1.26 0.00 | 24.41 1.21 0.00 | 23.88 1.24 0.00 | 23.55 1.16 0.00 | 24.06 1.30 0.00 | 25.06 1.26 0.00 | 32.08 1.43 -4.72 | 35.82 1.40 -6.32 | 35.66 1.68 -1.61 | 34.79 1.68 -0.11 | 35.82 1.69 0.29 | 37.00 1.89 0.50 | 39.20 1.92 0.41 | 40.95 2.19 0.38 | 43.52 2.30 0.63 | 49.29 2.23 -3.32 | 52.08 2.36 -3.46 | 45.83 2.16 0.34 | 42.12 1.81 0.00 | 36.68 1.55 0.00 | 34.93 1.38 0.00 | 30.93 1.40 0.24 | 28.02 1.18 0.00 |
| HUNTER MOUNT___DRP 323613 | 29.92 1.80 0.07 | 25.95 1.31 0.00 | 24.48 1.28 0.00 | 23.95 1.31 0.00 | 23.60 1.21 0.00 | 24.11 1.34 0.00 | 25.09 1.29 0.00 | 32.08 1.45 -4.68 | 35.24 1.29 -5.85 | 35.55 1.59 -1.61 | 34.76 1.55 -0.22 | 35.81 1.58 0.19 | 37.14 1.85 0.32 | 39.27 1.85 0.27 | 41.08 2.19 0.25 | 43.70 2.26 0.41 | 49.14 2.06 -3.34 | 51.79 2.13 -3.39 | 45.98 2.20 0.23 | 42.04 1.73 0.00 | 36.71 1.58 0.00 | 35.00 1.44 0.00 | 31.13 1.52 0.16 | 28.05 1.21 0.00 |
| HUNTINGTON_RES_REC 323705 | 38.33 3.18 -6.96 | 37.48 2.71 -10.13 | 36.48 2.53 -10.75 | 29.65 2.49 -4.53 | 29.77 2.42 -4.96 | 30.38 2.53 -5.09 | 33.51 2.69 -7.02 | 36.40 3.19 -7.27 | 37.66 3.43 -6.13 | 38.26 3.88 -2.02 | 39.49 2.97 -3.53 | 38.78 3.41 -0.95 | 50.10 3.74 -10.75 | 210.34 3.58 -169.07 | 99.82 4.03 -56.64 | 111.78 4.52 -65.40 | 94.26 4.68 -45.83 | 324.89 4.90 -273.72 | 122.54 3.92 -74.62 | 43.81 3.34 -0.16 | 36.38 2.21 0.96 | 35.89 2.28 -0.05 | 32.25 2.17 -0.31 | 31.32 2.79 -1.69 |
| HUNTLEY___63 23557 | 27.74 -0.45 0.00 | 24.67 0.02 0.00 | 22.94 -0.26 0.00 | 22.11 -0.52 0.00 | 21.92 -0.47 0.00 | 22.68 -0.09 0.00 | 24.16 0.36 0.00 | 26.33 -0.44 -0.83 | 28.46 -0.39 -0.75 | 32.05 -0.55 -0.24 | 33.05 0.00 -0.06 | 34.42 0.00 0.00 | 35.46 -0.14 0.00 | 36.97 -0.72 0.00 | 38.71 -0.43 0.00 | 41.43 -0.42 0.00 | 44.34 0.09 -0.51 | 46.90 0.14 -0.50 | 44.10 0.09 0.00 | 40.63 0.32 0.00 | 36.26 1.12 0.00 | 34.73 1.17 0.00 | 30.28 0.51 0.00 | 27.54 0.70 0.00 |
| HUNTLEY___64 23558 | 27.74 -0.45 0.00 | 24.67 0.02 0.00 | 22.94 -0.26 0.00 | 22.11 -0.52 0.00 | 21.92 -0.47 0.00 | 22.68 -0.09 0.00 | 24.16 0.36 0.00 | 26.33 -0.44 -0.83 | 28.46 -0.39 -0.75 | 32.05 -0.55 -0.24 | 33.05 0.00 -0.06 | 34.42 0.00 0.00 | 35.46 -0.14 0.00 | 36.97 -0.72 0.00 | 38.71 -0.43 0.00 | 41.43 -0.42 0.00 | 44.34 0.09 -0.51 | 46.90 0.14 -0.50 | 44.10 0.09 0.00 | 40.63 0.32 0.00 | 36.26 1.12 0.00 | 34.73 1.17 0.00 | 30.28 0.51 0.00 | 27.54 0.70 0.00 |
| HUNTLEY___65 23559 | 27.74 -0.45 0.00 | 24.67 0.02 0.00 | 22.94 -0.26 0.00 | 22.11 -0.52 0.00 | 21.92 -0.47 0.00 | 22.68 -0.09 0.00 | 24.16 0.36 0.00 | 26.33 -0.44 -0.83 | 28.46 -0.39 -0.75 | 32.05 -0.55 -0.24 | 33.05 0.00 -0.06 | 34.42 0.00 0.00 | 35.46 -0.14 0.00 | 36.97 -0.72 0.00 | 38.71 -0.43 0.00 | 41.43 -0.42 0.00 | 44.34 0.09 -0.51 | 46.90 0.14 -0.50 | 44.10 0.09 0.00 | 40.63 0.32 0.00 | 36.26 1.12 0.00 | 34.73 1.17 0.00 | 30.28 0.51 0.00 | 27.54 0.70 0.00 |
| HUNTLEY___66 23560 | 27.74 -0.45 0.00 | 24.67 0.02 0.00 | 22.94 -0.26 0.00 | 22.11 -0.52 0.00 | 21.92 -0.47 0.00 | 22.68 -0.09 0.00 | 24.16 0.36 0.00 | 26.33 -0.44 -0.83 | 28.46 -0.39 -0.75 | 32.05 -0.55 -0.24 | 33.05 0.00 -0.06 | 34.42 0.00 0.00 | 35.46 -0.14 0.00 | 36.97 -0.72 0.00 | 38.71 -0.43 0.00 | 41.43 -0.42 0.00 | 44.34 0.09 -0.51 | 46.90 0.14 -0.50 | 44.10 0.09 0.00 | 40.63 0.32 0.00 | 36.26 1.12 0.00 | 34.73 1.17 0.00 | 30.28 0.51 0.00 | 27.54 0.70 0.00 |
| HUNTLEY___67 23561 | 27.60 -0.59 0.00 | 24.50 -0.15 0.00 | 22.78 -0.42 0.00 | 21.98 -0.66 0.00 | 21.76 -0.63 0.00 | 22.54 -0.23 0.00 | 24.01 0.21 0.00 | 26.19 -0.60 -0.85 | 28.31 -0.56 -0.77 | 31.86 -0.74 -0.25 | 32.82 -0.23 -0.06 | 34.21 -0.21 0.00 | 35.22 -0.39 0.00 | 36.86 -0.83 0.00 | 38.59 -0.55 0.00 | 41.35 -0.50 0.00 | 44.22 -0.04 -0.52 | 46.77 0.00 -0.51 | 43.96 -0.04 0.00 | 40.55 0.24 0.00 | 36.01 0.88 0.00 | 34.50 0.94 0.00 | 30.10 0.33 0.00 | 27.40 0.56 0.00 |
| HUNTLEY___68 23562 | 27.60 -0.59 0.00 | 24.50 -0.15 0.00 | 22.78 -0.42 0.00 | 21.98 -0.66 0.00 | 21.76 -0.63 0.00 | 22.54 -0.23 0.00 | 24.01 0.21 0.00 | 26.19 -0.60 -0.85 | 28.31 -0.56 -0.77 | 31.86 -0.74 -0.25 | 32.82 -0.23 -0.06 | 34.21 -0.21 0.00 | 35.22 -0.39 0.00 | 36.86 -0.83 0.00 | 38.59 -0.55 0.00 | 41.35 -0.50 0.00 | 44.22 -0.04 -0.52 | 46.77 0.00 -0.51 | 43.96 -0.04 0.00 | 40.55 0.24 0.00 | 36.01 0.88 0.00 | 34.50 0.94 0.00 | 30.10 0.33 0.00 | 27.40 0.56 0.00 |
| HYLAND___LFGE 323620 | 29.49 1.30 0.00 | 26.02 1.38 0.00 | 24.24 1.04 0.00 | 23.47 0.84 0.00 | 23.35 0.96 0.00 | 24.13 1.37 0.00 | 25.35 1.55 0.00 | 27.63 0.78 -0.92 | 29.44 0.51 -0.84 | 33.08 0.45 -0.27 | 33.89 0.83 -0.07 | 33.76 -0.65 0.00 | 34.68 -0.93 0.00 | 37.20 -0.49 0.00 | 38.55 -0.59 0.00 | 41.56 -0.29 0.00 | 44.27 -0.04 -0.57 | 47.46 0.65 -0.55 | 45.15 1.14 0.00 | 42.44 2.13 0.00 | 37.91 2.77 0.00 | 36.24 2.69 0.00 | 32.96 3.19 0.00 | 29.12 2.28 0.00 |
| INDECK___CORINTH 23802 | 30.42 2.39 0.17 | 26.64 2.00 0.00 | 25.08 1.88 0.00 | 24.51 1.88 0.00 | 24.23 1.84 0.00 | 24.75 1.98 0.00 | 25.82 2.02 0.00 | 33.09 2.31 -4.84 | 40.81 2.58 -10.13 | 37.99 3.04 -2.59 | 36.41 3.24 -0.18 | 37.23 3.27 0.46 | 38.12 3.31 0.80 | 40.54 3.51 0.66 | 42.25 3.72 0.61 | 44.64 3.81 1.02 | 53.22 4.16 -5.32 | 56.21 4.40 -5.55 | 47.20 3.70 0.51 | 43.65 3.34 0.00 | 38.12 2.98 0.00 | 36.28 2.72 0.00 | 31.67 2.26 0.36 | 28.93 2.09 0.00 |
| INDECK___ILION 23567 | 28.22 0.03 0.00 | 24.69 0.05 0.00 | 23.22 0.02 0.00 | 22.66 0.02 0.00 | 22.41 0.02 0.00 | 22.74 -0.02 0.00 | 23.80 0.00 0.00 | 25.91 -0.03 0.00 | 28.13 0.03 0.00 | 32.39 0.03 0.00 | 33.12 0.13 0.00 | 34.59 0.17 0.00 | 35.79 0.18 0.00 | 37.77 0.08 0.00 | 39.26 0.12 0.00 | 41.98 0.13 0.00 | 43.88 0.13 0.00 | 46.40 0.14 0.00 | 44.32 0.31 0.00 | 40.55 0.24 0.00 | 35.34 0.21 0.00 | 33.76 0.20 0.00 | 29.92 0.15 0.00 | 26.97 0.13 0.00 |
| INDECK___OLEAN 23982 | 28.19 0.00 0.00 | 24.94 0.30 0.00 | 23.22 0.02 0.00 | 22.41 -0.23 0.00 | 22.26 -0.13 0.00 | 23.06 0.30 0.00 | 24.51 0.71 0.00 | 26.37 -0.57 -1.00 | 29.14 0.11 -0.93 | 32.92 0.26 -0.30 | 33.96 0.89 -0.08 | 35.31 0.89 0.00 | 36.04 0.43 0.00 | 38.37 0.68 0.00 | 39.45 0.31 0.00 | 42.52 0.67 0.00 | 45.16 0.79 -0.63 | 48.03 1.16 -0.61 | 44.84 0.83 0.00 | 41.36 1.05 0.00 | 36.47 1.33 0.00 | 35.17 1.61 0.00 | 31.35 1.58 0.00 | 27.91 1.07 0.00 |
| INDECK___OSWEGO 23783 | 27.62 -0.56 0.00 | 24.17 -0.47 0.00 | 22.74 -0.46 0.00 | 22.16 -0.48 0.00 | 21.94 -0.45 0.00 | 22.38 -0.39 0.00 | 23.40 -0.40 0.00 | 25.88 -0.47 -0.41 | 27.90 -0.53 -0.33 | 31.89 -0.58 -0.11 | 32.56 -0.46 -0.03 | 33.90 -0.52 0.00 | 34.79 -0.82 0.00 | 36.86 -0.83 0.00 | 38.16 -0.98 0.00 | 40.85 -1.00 0.00 | 42.88 -1.09 -0.22 | 45.42 -1.06 -0.22 | 42.95 -1.06 0.00 | 39.38 -0.93 0.00 | 34.47 -0.67 0.00 | 33.19 -0.37 0.00 | 29.44 -0.33 0.00 | 26.46 -0.38 0.00 |

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| INDECK___YERKES 23781 | 27.77 -0.42 0.00 | 24.69 0.05 0.00 | 22.92 -0.28 0.00 | 22.09 -0.54 0.00 | 21.96 -0.43 0.00 | 22.70 -0.07 0.00 | 24.18 0.38 0.00 | 26.38 -0.39 -0.83 | 28.49 -0.37 -0.75 | 32.15 -0.45 -0.24 | 33.38 0.33 -0.06 | 34.62 0.21 0.00 | 35.79 0.18 0.00 | 37.92 0.23 0.00 | 38.71 -0.43 0.00 | 41.85 0.00 0.00 | 44.25 0.00 -0.51 | 47.09 0.33 -0.50 | 44.23 0.22 0.00 | 40.99 0.68 0.00 | 36.47 1.33 0.00 | 34.76 1.21 0.00 | 31.20 1.43 0.00 | 27.54 0.70 0.00 |
| INDIAN POINT_GT_1 24139 | 30.64 2.31 -0.14 | 26.57 1.92 0.00 | 24.99 1.79 0.00 | 24.42 1.79 0.00 | 24.11 1.72 0.00 | 24.57 1.80 0.00 | 25.68 1.88 0.00 | 32.78 2.26 -4.58 | 34.49 2.39 -4.00 | 37.15 2.91 -1.87 | 36.65 2.74 -0.92 | 37.64 2.82 -0.40 | 39.19 2.88 -0.70 | 41.40 3.13 -0.58 | 42.93 3.25 -0.54 | 46.47 3.72 -0.90 | 51.66 3.85 -4.07 | 54.01 4.12 -3.63 | 47.86 3.43 -0.42 | 43.17 2.86 0.00 | 37.10 1.97 0.00 | 35.44 1.88 0.00 | 32.07 1.99 -0.30 | 28.64 1.80 0.00 |
| INDIAN POINT_GT_2 23659 | 30.64 2.31 -0.14 | 26.57 1.92 0.00 | 24.99 1.79 0.00 | 24.42 1.79 0.00 | 24.11 1.72 0.00 | 24.57 1.80 0.00 | 25.68 1.88 0.00 | 32.78 2.26 -4.58 | 34.49 2.39 -4.00 | 37.15 2.91 -1.87 | 36.65 2.74 -0.92 | 37.64 2.82 -0.40 | 39.19 2.88 -0.70 | 41.40 3.13 -0.58 | 42.93 3.25 -0.54 | 46.47 3.72 -0.90 | 51.66 3.85 -4.07 | 54.01 4.12 -3.63 | 47.86 3.43 -0.42 | 43.17 2.86 0.00 | 37.10 1.97 0.00 | 35.44 1.88 0.00 | 32.07 1.99 -0.30 | 28.64 1.80 0.00 |
| INDIAN POINT_GT_3 24019 | 30.64 2.31 -0.14 | 26.57 1.92 0.00 | 24.99 1.79 0.00 | 24.42 1.79 0.00 | 24.11 1.72 0.00 | 24.57 1.80 0.00 | 25.68 1.88 0.00 | 32.78 2.26 -4.58 | 34.49 2.39 -4.00 | 37.15 2.91 -1.87 | 36.65 2.74 -0.92 | 37.64 2.82 -0.40 | 39.19 2.88 -0.70 | 41.40 3.13 -0.58 | 42.93 3.25 -0.54 | 46.47 3.72 -0.90 | 51.66 3.85 -4.07 | 54.01 4.12 -3.63 | 47.86 3.43 -0.42 | 43.17 2.86 0.00 | 37.10 1.97 0.00 | 35.44 1.88 0.00 | 32.07 1.99 -0.30 | 28.64 1.80 0.00 |
| INDIAN POINT___2 23530 | 30.60 2.28 -0.13 | 26.54 1.90 0.00 | 24.96 1.76 0.00 | 24.38 1.74 0.00 | 24.05 1.66 0.00 | 24.54 1.78 0.00 | 25.66 1.86 0.00 | 32.63 2.20 -4.48 | 34.36 2.33 -3.92 | 36.97 2.81 -1.80 | 36.39 2.54 -0.86 | 37.50 2.72 -0.37 | 39.03 2.78 -0.64 | 41.08 2.86 -0.53 | 42.80 3.17 -0.49 | 46.22 3.56 -0.82 | 51.49 3.85 -3.90 | 53.83 4.07 -3.49 | 47.63 3.21 -0.41 | 43.01 2.70 0.00 | 36.99 1.86 0.00 | 35.37 1.81 0.00 | 31.78 1.73 -0.29 | 28.61 1.77 0.00 |
| INDIAN POINT___3 23531 | 30.58 2.26 -0.14 | 26.52 1.87 0.00 | 24.94 1.74 0.00 | 24.38 1.74 0.00 | 24.07 1.68 0.00 | 24.54 1.78 0.00 | 25.66 1.86 0.00 | 32.70 2.18 -4.58 | 34.41 2.30 -4.00 | 37.02 2.78 -1.87 | 36.52 2.61 -0.92 | 37.54 2.72 -0.41 | 39.12 2.81 -0.70 | 41.29 3.02 -0.58 | 42.81 3.13 -0.54 | 46.35 3.60 -0.90 | 51.58 3.76 -4.07 | 53.87 3.98 -3.63 | 47.73 3.30 -0.42 | 43.05 2.74 0.00 | 37.03 1.90 0.00 | 35.37 1.81 0.00 | 32.01 1.94 -0.30 | 28.58 1.74 0.00 |
| INGHAM_C_115KV_TB7 356103 | 28.02 -0.17 0.00 | 24.52 -0.12 0.00 | 23.06 -0.14 0.00 | 22.50 -0.14 0.00 | 22.25 -0.13 0.00 | 22.61 -0.16 0.00 | 23.66 -0.14 0.00 | 25.76 -0.18 0.00 | 27.99 -0.11 0.00 | 32.26 -0.10 0.00 | 33.06 0.07 0.00 | 34.52 0.10 0.00 | 35.79 0.18 0.00 | 37.65 -0.04 0.00 | 39.10 -0.04 0.00 | 41.81 -0.04 0.00 | 43.70 -0.04 0.00 | 46.22 -0.05 0.00 | 44.18 0.18 0.00 | 40.47 0.16 0.00 | 35.24 0.11 0.00 | 33.66 0.10 0.00 | 29.83 0.06 0.00 | 26.89 0.05 0.00 |
| IP CORINTH___1 23988 | 30.42 2.40 0.17 | 26.64 2.00 0.00 | 25.08 1.88 0.00 | 24.51 1.88 0.00 | 24.22 1.84 0.00 | 24.75 1.98 0.00 | 25.82 2.02 0.00 | 33.11 2.31 -4.86 | 40.83 2.59 -10.14 | 38.02 3.04 -2.62 | 36.47 3.27 -0.21 | 37.28 3.30 0.44 | 38.15 3.31 0.77 | 40.64 3.58 0.63 | 42.27 3.72 0.59 | 44.72 3.85 0.98 | 53.29 4.16 -5.39 | 56.26 4.40 -5.60 | 47.29 3.78 0.51 | 43.70 3.39 0.00 | 38.12 2.99 0.00 | 36.28 2.72 0.00 | 31.77 2.35 0.36 | 28.93 2.09 0.00 |
| IP___TICONDEROGA 23804 | 32.13 4.12 0.17 | 28.14 3.50 0.00 | 26.49 3.29 0.00 | 25.91 3.28 0.00 | 25.61 3.22 0.00 | 26.25 3.48 0.00 | 27.39 3.59 0.00 | 34.88 4.10 -4.84 | 42.84 4.66 -10.08 | 40.41 5.47 -2.58 | 39.12 5.94 -0.19 | 39.95 5.99 0.45 | 40.81 5.98 0.78 | 43.45 6.41 0.65 | 45.11 6.58 0.60 | 47.59 6.74 1.00 | 56.27 7.22 -5.31 | 59.43 7.63 -5.53 | 50.31 6.82 0.52 | 46.52 6.21 0.00 | 40.86 5.73 0.00 | 38.76 5.20 0.00 | 33.75 4.35 0.37 | 30.65 3.81 0.00 |
| ISLIP_RES_REC 323679 | 39.01 3.89 -6.93 | 38.05 3.28 -10.13 | 36.99 3.04 -10.75 | 30.12 2.96 -4.53 | 30.24 2.89 -4.96 | 30.86 3.00 -5.09 | 34.06 3.24 -7.02 | 37.02 3.81 -7.27 | 38.36 4.16 -6.10 | 39.11 4.76 -1.99 | 38.63 3.73 -1.91 | 39.47 4.13 -0.93 | 45.46 4.45 -5.40 | 107.54 4.33 -65.52 | 66.11 4.81 -22.15 | 73.04 5.36 -25.83 | 69.46 5.56 -20.16 | 159.82 5.83 -107.73 | 77.83 4.80 -29.02 | 44.56 4.19 -0.06 | 52.36 2.98 -14.24 | 41.88 3.02 -5.30 | 33.26 2.89 -0.60 | 31.81 3.38 -1.59 |
| JAMAICA___27_KV_LOAD 355505 | 31.32 2.99 -0.14 | 27.01 2.37 0.00 | 25.36 2.16 0.00 | 24.78 2.15 0.00 | 24.52 2.13 0.00 | 24.95 2.19 0.00 | 26.18 2.38 0.00 | 33.61 3.04 -4.63 | 35.38 3.23 -4.05 | 38.15 3.88 -1.91 | 37.36 3.43 -0.94 | 38.37 3.54 -0.41 | 40.06 3.74 -0.72 | 42.21 3.92 -0.60 | 43.76 4.07 -0.55 | 47.54 4.77 -0.92 | 52.99 5.12 -4.13 | 55.40 5.46 -3.68 | 48.97 4.53 -0.43 | 44.22 3.91 0.00 | 37.77 2.64 0.00 | 36.01 2.45 0.00 | 32.82 2.74 -0.31 | 29.20 2.36 0.00 |
| JANIS___SOLAR 323808 | 29.57 1.38 0.00 | 25.92 1.28 0.00 | 24.27 1.07 0.00 | 23.65 1.02 0.00 | 23.44 1.05 0.00 | 24.11 1.34 0.00 | 25.28 1.48 0.00 | 28.77 1.40 -1.43 | 31.03 1.40 -1.53 | 34.44 1.59 -0.49 | 34.97 1.85 -0.13 | 36.31 1.89 0.00 | 37.56 1.96 0.00 | 39.72 2.03 0.00 | 41.14 2.00 0.00 | 44.15 2.30 0.00 | 47.27 2.49 -1.03 | 50.28 3.01 -1.01 | 46.87 2.86 0.00 | 43.01 2.70 0.00 | 37.80 2.67 0.00 | 36.11 2.55 0.00 | 31.92 2.14 0.00 | 28.53 1.69 0.00 |
| JARVIS____ 23743 | 28.30 0.11 0.00 | 24.74 0.10 0.00 | 23.27 0.07 0.00 | 22.70 0.07 0.00 | 22.46 0.07 0.00 | 22.79 0.02 0.00 | 23.82 0.02 0.00 | 25.97 0.03 0.00 | 28.13 0.03 0.00 | 32.39 0.03 0.00 | 33.02 0.03 0.00 | 34.48 0.07 0.00 | 35.68 0.07 0.00 | 37.77 0.08 0.00 | 39.22 0.08 0.00 | 41.94 0.08 0.00 | 43.83 0.09 0.00 | 46.36 0.09 0.00 | 44.23 0.22 0.00 | 40.47 0.16 0.00 | 35.24 0.11 0.00 | 33.66 0.10 0.00 | 29.86 0.09 0.00 | 26.92 0.08 0.00 |
| JENNISON___1 23625 | 29.82 1.63 0.00 | 26.15 1.50 0.00 | 24.50 1.30 0.00 | 23.90 1.27 0.00 | 23.62 1.23 0.00 | 24.41 1.64 0.00 | 25.59 1.79 0.00 | 29.51 1.74 -1.83 | 32.18 1.91 -2.17 | 35.29 2.23 -0.70 | 35.61 2.44 -0.18 | 37.03 2.62 0.00 | 38.31 2.71 0.00 | 40.37 2.68 0.00 | 42.04 2.90 0.00 | 44.95 3.10 0.00 | 48.45 3.24 -1.47 | 51.25 3.56 -1.43 | 47.18 3.17 0.00 | 43.17 2.86 0.00 | 37.84 2.71 0.00 | 36.21 2.65 0.00 | 31.86 2.08 0.00 | 28.64 1.80 0.00 |
| JENNISON___2 23626 | 29.82 1.63 0.00 | 26.15 1.50 0.00 | 24.50 1.30 0.00 | 23.90 1.27 0.00 | 23.62 1.23 0.00 | 24.41 1.64 0.00 | 25.59 1.79 0.00 | 29.51 1.74 -1.83 | 32.18 1.91 -2.17 | 35.29 2.23 -0.70 | 35.61 2.44 -0.18 | 37.03 2.62 0.00 | 38.31 2.71 0.00 | 40.37 2.68 0.00 | 42.04 2.90 0.00 | 44.95 3.10 0.00 | 48.45 3.24 -1.47 | 51.25 3.56 -1.43 | 47.18 3.17 0.00 | 43.17 2.86 0.00 | 37.84 2.71 0.00 | 36.21 2.65 0.00 | 31.86 2.08 0.00 | 28.64 1.80 0.00 |

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|---|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|
| JERICO_RISE_WT_PWR 323719 | 27.31 -0.87 0.00 | 24.00 -0.64 0.00 | 22.83 -0.37 0.00 | 22.23 -0.41 0.00 | 22.10 -0.29 0.00 | 22.61 -0.16 0.00 | 23.66 -0.14 0.00 | 25.86 -0.08 0.00 | 28.10 0.00 0.00 | 32.30 -0.06 0.00 | 32.83 -0.16 0.00 | 34.24 -0.17 0.00 | 35.54 -0.07 0.00 | 37.65 -0.04 0.00 | 39.10 -0.04 0.00 | 41.56 -0.29 0.00 | 43.35 -0.39 0.00 | 45.94 -0.32 0.00 | 43.75 -0.26 0.00 | 40.23 -0.08 0.00 | 35.31 0.18 0.00 | 33.69 0.13 0.00 | 29.65 -0.12 0.00 | 26.68 -0.16 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 30.84 2.51 -0.14 | 26.71 2.07 0.00 | 25.12 1.93 0.00 | 24.58 1.95 0.00 | 24.22 1.84 0.00 | 24.70 1.94 0.00 | 25.80 2.00 0.00 | 33.09 2.46 -4.68 | 34.84 2.64 -4.09 | 37.57 3.30 -1.91 | 37.06 3.13 -0.93 | 37.99 3.17 -0.41 | 39.52 3.20 -0.71 | 41.79 3.51 -0.59 | 43.33 3.64 -0.55 | 46.86 4.10 -0.91 | 52.09 4.20 -4.15 | 54.55 4.58 -3.70 | 48.31 3.87 -0.43 | 43.57 3.27 0.00 | 37.38 2.25 0.00 | 35.67 2.11 0.00 | 32.22 2.14 -0.30 | 28.75 1.91 0.00 |
| KCE_NY_1 323755 | 30.16 2.14 0.17 | 26.44 1.80 0.00 | 24.89 1.69 0.00 | 24.33 1.70 0.00 | 24.05 1.66 0.00 | 24.54 1.78 0.00 | 25.61 1.81 0.00 | 32.77 2.02 -4.80 | 40.29 2.22 -9.97 | 37.45 2.59 -2.50 | 35.80 2.67 -0.14 | 36.69 2.75 0.48 | 37.55 2.78 0.83 | 39.94 2.94 0.69 | 41.63 3.13 0.64 | 44.05 3.27 1.07 | 52.42 3.54 -5.14 | 55.40 3.75 -5.39 | 46.60 3.12 0.53 | 43.13 2.82 0.00 | 37.56 2.42 0.00 | 35.81 2.25 0.00 | 31.30 1.91 0.38 | 28.67 1.83 0.00 |
| KCE_NY_6_ESR 323823 | 27.99 -0.20 0.00 | 24.84 0.20 0.00 | 23.11 -0.09 0.00 | 22.27 -0.36 0.00 | 22.14 -0.25 0.00 | 22.88 0.11 0.00 | 24.37 0.57 0.00 | 26.54 -0.28 -0.89 | 28.82 -0.08 -0.81 | 32.52 -0.10 -0.26 | 33.72 0.66 -0.07 | 34.96 0.55 0.00 | 36.14 0.53 0.00 | 38.44 0.75 0.00 | 39.38 0.24 0.00 | 42.52 0.67 0.00 | 44.99 0.70 -0.55 | 47.81 1.02 -0.53 | 44.84 0.83 0.00 | 41.56 1.25 0.00 | 36.75 1.62 0.00 | 35.07 1.51 0.00 | 31.44 1.67 0.00 | 27.80 0.96 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 38.65 3.52 -6.93 | 37.75 2.98 -10.13 | 36.73 2.78 -10.75 | 29.87 2.71 -4.53 | 29.99 2.64 -4.96 | 30.61 2.75 -5.09 | 33.75 2.93 -7.02 | 36.66 3.45 -7.27 | 37.94 3.74 -6.11 | 38.63 4.27 -1.99 | 38.30 3.17 -2.15 | 38.89 3.55 -0.93 | 45.52 3.74 -6.17 | 121.77 3.54 -80.54 | 70.25 3.95 -27.15 | 77.85 4.43 -31.57 | 72.26 4.63 -23.88 | 182.93 4.86 -131.81 | 83.52 3.87 -35.64 | 43.72 3.34 -0.07 | 47.68 2.39 -10.15 | 40.09 2.45 -4.08 | 32.75 2.44 -0.53 | 31.50 3.06 -1.60 |
| KEDC_PORT_JEFF_GT3 24211 | 38.65 3.52 -6.93 | 37.75 2.98 -10.13 | 36.73 2.78 -10.75 | 29.87 2.71 -4.53 | 29.99 2.64 -4.96 | 30.61 2.75 -5.09 | 33.75 2.93 -7.02 | 36.66 3.45 -7.27 | 37.94 3.74 -6.11 | 38.63 4.27 -1.99 | 38.30 3.17 -2.15 | 38.89 3.55 -0.93 | 45.52 3.74 -6.17 | 121.77 3.54 -80.54 | 70.25 3.95 -27.15 | 77.85 4.43 -31.57 | 72.26 4.63 -23.88 | 182.93 4.86 -131.81 | 83.52 3.87 -35.64 | 43.72 3.34 -0.07 | 47.68 2.39 -10.15 | 40.09 2.45 -4.08 | 32.75 2.44 -0.53 | 31.50 3.06 -1.60 |
| KEDC_GLWD_GT4 24219 | 38.10 2.99 -6.92 | 37.24 2.46 -10.13 | 36.25 2.30 -10.75 | 29.42 2.26 -4.53 | 29.55 2.20 -4.96 | 30.16 2.30 -5.09 | 33.25 2.43 -7.02 | 36.09 2.88 -7.27 | 37.25 3.06 -6.09 | 37.97 3.62 -1.98 | 36.90 3.00 -0.90 | 38.67 3.34 -0.92 | 41.18 3.53 -2.05 | 41.74 3.47 -0.58 | 43.54 3.88 -0.53 | 47.18 4.31 -1.01 | 52.36 4.55 -4.07 | 54.65 4.77 -3.62 | 48.23 3.79 -0.43 | 43.54 3.23 0.00 | 37.31 2.18 0.00 | 35.98 2.42 0.00 | 32.31 2.23 -0.31 | 30.79 2.42 -1.54 |
| KEDC_GLWD_GT5 24220 | 38.10 2.99 -6.92 | 37.24 2.46 -10.13 | 36.25 2.30 -10.75 | 29.42 2.26 -4.53 | 29.55 2.20 -4.96 | 30.16 2.30 -5.09 | 33.25 2.43 -7.02 | 36.09 2.88 -7.27 | 37.25 3.06 -6.09 | 37.97 3.62 -1.98 | 36.90 3.00 -0.90 | 38.67 3.34 -0.92 | 41.18 3.53 -2.05 | 41.74 3.47 -0.58 | 43.54 3.88 -0.53 | 47.18 4.31 -1.01 | 52.36 4.55 -4.07 | 54.65 4.77 -3.62 | 48.23 3.79 -0.43 | 43.54 3.23 0.00 | 37.31 2.18 0.00 | 35.98 2.42 0.00 | 32.31 2.23 -0.31 | 30.79 2.42 -1.54 |
| KENSICO____ 23655 | 30.78 2.45 -0.14 | 26.66 2.02 0.00 | 25.06 1.86 0.00 | 24.49 1.86 0.00 | 24.20 1.81 0.00 | 24.66 1.89 0.00 | 25.78 1.98 0.00 | 32.92 2.36 -4.62 | 34.66 2.53 -4.04 | 37.30 3.04 -1.90 | 36.80 2.87 -0.93 | 37.79 2.96 -0.41 | 39.38 3.06 -0.72 | 41.56 3.28 -0.59 | 43.10 3.41 -0.55 | 46.66 3.89 -0.91 | 51.93 4.07 -4.12 | 54.28 4.35 -3.67 | 48.05 3.61 -0.43 | 43.33 3.02 0.00 | 37.24 2.11 0.00 | 35.54 1.98 0.00 | 32.19 2.11 -0.31 | 28.75 1.91 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 30.45 2.20 -0.07 | 26.42 1.77 0.00 | 24.85 1.65 0.00 | 24.28 1.65 0.00 | 23.89 1.50 0.00 | 24.43 1.66 0.00 | 25.51 1.71 0.00 | 32.00 1.89 -4.17 | 33.94 1.97 -3.88 | 36.21 2.30 -1.55 | 35.73 2.11 -0.63 | 36.83 2.20 -0.21 | 38.43 2.46 -0.36 | 40.63 2.64 -0.30 | 42.24 2.82 -0.28 | 45.50 3.18 -0.47 | 50.36 3.28 -3.33 | 52.85 3.52 -3.07 | 47.16 2.95 -0.21 | 42.73 2.42 0.00 | 36.89 1.76 0.00 | 35.27 1.71 0.00 | 31.73 1.82 -0.15 | 28.45 1.61 0.00 |
| KIAC_JFK_GT1 23816 | 31.23 2.90 -0.14 | 26.93 2.29 0.00 | 25.29 2.09 0.00 | 24.71 2.08 0.00 | 24.45 2.06 0.00 | 24.88 2.12 0.00 | 26.11 2.31 0.00 | 33.53 2.96 -4.63 | 35.30 3.15 -4.05 | 38.05 3.79 -1.91 | 37.23 3.30 -0.94 | 38.24 3.41 -0.41 | 39.92 3.60 -0.72 | 42.09 3.81 -0.60 | 43.61 3.91 -0.55 | 47.37 4.60 -0.92 | 52.77 4.90 -4.13 | 55.22 5.27 -3.68 | 48.80 4.36 -0.43 | 44.02 3.71 0.00 | 37.63 2.49 0.00 | 35.91 2.35 0.00 | 32.73 2.65 -0.31 | 29.12 2.28 0.00 |
| KIAC_JFK_GT2 23817 | 31.23 2.90 -0.14 | 26.93 2.29 0.00 | 25.29 2.09 0.00 | 24.71 2.08 0.00 | 24.45 2.06 0.00 | 24.88 2.12 0.00 | 26.11 2.31 0.00 | 33.53 2.96 -4.63 | 35.30 3.15 -4.05 | 38.05 3.79 -1.91 | 37.23 3.30 -0.94 | 38.24 3.41 -0.41 | 39.92 3.60 -0.72 | 42.09 3.81 -0.60 | 43.61 3.91 -0.55 | 47.37 4.60 -0.92 | 52.77 4.90 -4.13 | 55.22 5.27 -3.68 | 48.80 4.36 -0.43 | 44.02 3.71 0.00 | 37.63 2.49 0.00 | 35.91 2.35 0.00 | 32.73 2.65 -0.31 | 29.12 2.28 0.00 |
| KIAC_JFK____ 323774 | 31.23 2.90 -0.14 | 26.94 2.29 0.00 | 25.29 2.09 0.00 | 24.74 2.11 0.00 | 24.43 2.04 0.00 | 24.88 2.12 0.00 | 26.11 2.31 0.00 | 33.51 2.96 -4.61 | 35.28 3.15 -4.04 | 37.99 3.75 -1.87 | 37.10 3.20 -0.90 | 38.18 3.37 -0.39 | 39.71 3.42 -0.68 | 41.84 3.58 -0.56 | 43.62 3.95 -0.53 | 47.24 4.52 -0.87 | 52.78 4.99 -4.05 | 55.15 5.27 -3.62 | 48.71 4.27 -0.43 | 43.94 3.63 0.00 | 37.59 2.46 0.00 | 35.87 2.31 0.00 | 32.49 2.41 -0.31 | 29.12 2.28 0.00 |
| KINTIGH____ 23543 | 27.46 -0.73 0.00 | 24.32 -0.32 0.00 | 22.67 -0.53 0.00 | 21.91 -0.72 0.00 | 21.69 -0.69 0.00 | 22.43 -0.34 0.00 | 23.80 0.00 0.00 | 26.20 -0.47 -0.73 | 28.10 -0.65 -0.65 | 31.73 -0.84 -0.21 | 32.62 -0.43 -0.05 | 34.00 -0.41 0.00 | 35.04 -0.57 0.00 | 36.67 -1.02 0.00 | 38.36 -0.78 0.00 | 41.10 -0.75 0.00 | 43.84 -0.35 -0.44 | 46.28 -0.42 -0.43 | 43.61 -0.40 0.00 | 40.23 -0.08 0.00 | 35.70 0.56 0.00 | 34.16 0.60 0.00 | 29.86 0.09 0.00 | 27.11 0.27 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 27.68 -0.51 0.00 | 24.30 -0.35 0.00 | 23.15 -0.05 0.00 | 22.50 -0.14 0.00 | 22.39 0.00 0.00 | 22.93 0.16 0.00 | 23.99 0.19 0.00 | 26.20 0.26 0.00 | 28.46 0.37 0.00 | 32.72 0.36 0.00 | 33.22 0.23 0.00 | 34.66 0.24 0.00 | 36.00 0.39 0.00 | 38.33 0.64 0.00 | 39.61 0.47 0.00 | 42.10 0.25 0.00 | 43.83 0.09 0.00 | 46.59 0.32 0.00 | 44.14 0.13 0.00 | 40.75 0.44 0.00 | 35.91 0.77 0.00 | 34.26 0.70 0.00 | 30.10 0.33 0.00 | 27.03 0.19 0.00 |

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|------------------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|
| LACHUTE____HYDRO 323717 | 32.13 4.12 0.17 | 28.14 3.50 0.00 | 26.49 3.29 0.00 | 25.91 3.28 0.00 | 25.61 3.22 0.00 | 26.25 3.48 0.00 | 27.39 3.59 0.00 | 34.86 4.10 -4.83 | 42.83 4.67 -10.07 | 40.38 5.47 -2.55 | 39.06 5.90 -0.16 | 39.94 5.99 0.47 | 40.78 5.98 0.81 | 43.39 6.37 0.67 | 45.09 6.57 0.63 | 47.51 6.69 1.04 | 56.21 7.22 -5.24 | 59.43 7.68 -5.48 | 50.22 6.73 0.52 | 46.51 6.21 0.00 | 40.86 5.73 0.00 | 38.79 5.23 0.00 | 33.69 4.29 0.37 | 30.65 3.81 0.00 |
| LAWRNCV_115KV_TB1 80681 | 26.98 -1.21 0.00 | 23.56 -1.08 0.00 | 22.27 -0.93 0.00 | 21.75 -0.88 0.00 | 21.52 -0.87 0.00 | 21.92 -0.84 0.00 | 22.85 -0.95 0.00 | 24.90 -1.04 0.00 | 27.03 -1.07 0.00 | 31.10 -1.26 0.00 | 31.64 -1.35 0.00 | 33.00 -1.41 0.00 | 34.22 -1.39 0.00 | 36.26 -1.43 0.00 | 37.61 -1.53 0.00 | 40.01 -1.84 0.00 | 41.60 -2.14 0.00 | 44.14 -2.13 0.00 | 41.98 -2.02 0.00 | 38.58 -1.73 0.00 | 33.90 -1.23 0.00 | 32.45 -1.11 0.00 | 28.61 -1.16 0.00 | 25.71 -1.13 0.00 |
| LEDERLE____ 23769 | 30.66 2.34 -0.13 | 26.59 1.95 0.00 | 25.01 1.81 0.00 | 24.44 1.81 0.00 | 24.11 1.72 0.00 | 24.59 1.82 0.00 | 25.70 1.90 0.00 | 32.58 2.20 -4.43 | 34.28 2.30 -3.88 | 36.93 2.78 -1.79 | 36.50 2.64 -0.87 | 37.54 2.75 -0.38 | 39.14 2.88 -0.65 | 41.36 3.13 -0.54 | 42.89 3.25 -0.50 | 46.37 3.68 -0.83 | 51.48 3.85 -3.89 | 53.81 4.07 -3.47 | 47.79 3.39 -0.39 | 43.13 2.82 0.00 | 37.10 1.97 0.00 | 35.47 1.91 0.00 | 32.07 2.02 -0.28 | 28.64 1.80 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 27.91 -0.28 0.00 | 24.45 -0.20 0.00 | 22.92 -0.28 0.00 | 22.38 -0.25 0.00 | 22.16 -0.22 0.00 | 22.61 -0.16 0.00 | 23.63 -0.17 0.00 | 26.11 -0.21 -0.38 | 28.15 -0.25 -0.30 | 32.20 -0.26 -0.10 | 32.79 -0.23 -0.03 | 34.21 -0.21 0.00 | 35.29 -0.32 0.00 | 37.31 -0.38 0.00 | 38.71 -0.43 0.00 | 41.35 -0.50 0.00 | 43.29 -0.66 -0.20 | 45.86 -0.60 -0.20 | 43.57 -0.44 0.00 | 39.99 -0.32 0.00 | 35.06 -0.07 0.00 | 33.69 0.13 0.00 | 29.71 -0.06 0.00 | 26.76 -0.08 0.00 |
| LINDEN COGEN____ 23786 | 30.98 2.65 -0.14 | 26.76 2.12 0.00 | 25.15 1.95 0.00 | 24.58 1.95 0.00 | 24.27 1.88 0.00 | 24.70 1.93 0.00 | 25.85 2.05 0.00 | 33.09 2.54 -4.61 | 34.80 2.67 -4.03 | 37.40 3.17 -1.86 | 36.76 2.87 -0.90 | 37.84 3.03 -0.39 | 39.35 3.06 -0.68 | 41.38 3.13 -0.56 | 43.15 3.48 -0.53 | 46.70 3.98 -0.87 | 52.04 4.24 -4.05 | 54.37 4.49 -3.62 | 47.96 3.52 -0.43 | 43.25 2.94 0.00 | 37.10 1.97 0.00 | 35.50 1.95 0.00 | 32.07 1.99 -0.31 | 28.85 2.01 0.00 |
| LINDHRST_69_KV_BK1 356055 | 38.72 3.61 -6.92 | 37.80 3.03 -10.13 | 36.76 2.81 -10.75 | 29.92 2.76 -4.53 | 30.04 2.69 -4.96 | 30.68 2.82 -5.09 | 33.80 2.98 -7.02 | 36.73 3.50 -7.29 | 37.97 3.77 -6.11 | 38.85 4.47 -2.02 | 37.88 3.86 -1.03 | 39.03 4.20 -0.41 | 42.27 4.27 -2.39 | 46.19 4.49 -4.01 | 46.31 4.66 -2.51 | 50.29 5.27 -3.16 | 54.28 4.94 -5.59 | 65.06 5.69 -13.10 | 52.05 5.02 -3.02 | 44.59 4.27 0.00 | 45.98 3.02 -7.82 | 39.16 3.02 -2.58 | 33.44 3.22 -0.45 | 31.49 3.11 -1.54 |
| LIPA_MISC_IPP 23656 | 38.59 3.47 -6.93 | 37.66 2.88 -10.13 | 36.62 2.67 -10.75 | 29.76 2.60 -4.53 | 29.90 2.55 -4.96 | 30.52 2.66 -5.09 | 33.65 2.83 -7.02 | 36.58 3.35 -7.29 | 37.87 3.65 -6.12 | 38.69 4.30 -2.03 | 38.57 3.60 -1.99 | 38.73 3.89 -0.42 | 45.14 3.95 -5.58 | 83.31 4.22 -41.39 | 66.62 4.34 -23.14 | 73.58 4.90 -26.83 | 69.23 4.55 -20.94 | 163.99 5.32 -112.41 | 78.96 4.66 -30.29 | 44.32 3.95 -0.06 | 48.65 2.60 -10.91 | 40.59 2.58 -4.45 | 33.27 2.95 -0.55 | 31.37 2.95 -1.57 |
| LISF____SOLAR 323691 | 38.64 3.52 -6.93 | 37.73 2.96 -10.13 | 36.71 2.76 -10.75 | 29.83 2.67 -4.53 | 29.95 2.60 -4.96 | 30.59 2.73 -5.09 | 33.72 2.90 -7.02 | 36.63 3.42 -7.27 | 37.91 3.71 -6.10 | 38.56 4.21 -1.99 | 38.23 3.27 -1.97 | 38.99 3.65 -0.93 | 45.15 3.95 -5.59 | 110.59 3.70 -69.21 | 66.63 4.11 -23.38 | 73.73 4.65 -27.24 | 69.63 4.81 -21.07 | 164.99 5.09 -113.64 | 78.75 4.09 -30.65 | 43.95 3.59 -0.06 | 48.71 2.42 -11.15 | 40.54 2.48 -4.49 | 32.77 2.44 -0.56 | 31.44 3.01 -1.59 |
| LITTLE FALLS____HYD 24013 | 28.02 -0.17 0.00 | 24.52 -0.12 0.00 | 23.06 -0.14 0.00 | 22.50 -0.14 0.00 | 22.25 -0.13 0.00 | 22.61 -0.16 0.00 | 23.66 -0.14 0.00 | 25.76 -0.18 0.00 | 27.99 -0.11 0.00 | 32.26 -0.10 0.00 | 33.06 0.07 0.00 | 34.52 0.10 0.00 | 35.79 0.18 0.00 | 37.65 -0.04 0.00 | 39.10 -0.04 0.00 | 41.81 -0.04 0.00 | 43.70 -0.04 0.00 | 46.22 -0.05 0.00 | 44.18 0.18 0.00 | 40.47 0.16 0.00 | 35.24 0.11 0.00 | 33.66 0.10 0.00 | 29.83 0.06 0.00 | 26.89 0.05 0.00 |
| LITTLRIV_115KV_TB1 356100 | 27.23 -0.96 0.00 | 23.78 -0.86 0.00 | 22.48 -0.72 0.00 | 21.95 -0.68 0.00 | 21.72 -0.67 0.00 | 22.13 -0.64 0.00 | 23.06 -0.74 0.00 | 25.11 -0.83 0.00 | 27.26 -0.84 0.00 | 31.36 -1.00 0.00 | 31.97 -1.02 0.00 | 33.35 -1.07 0.00 | 34.61 -1.00 0.00 | 36.56 -1.13 0.00 | 37.93 -1.21 0.00 | 40.35 -1.51 0.00 | 41.95 -1.79 0.00 | 44.51 -1.76 0.00 | 42.38 -1.63 0.00 | 38.94 -1.37 0.00 | 34.26 -0.88 0.00 | 32.79 -0.77 0.00 | 28.88 -0.89 0.00 | 25.93 -0.91 0.00 |
| LI_NEWBRDGE____DRP 323616 | 37.96 2.85 -6.92 | 37.16 2.39 -10.13 | 36.15 2.20 -10.75 | 29.35 2.20 -4.53 | 29.50 2.15 -4.96 | 30.09 2.23 -5.09 | 33.15 2.33 -7.02 | 36.01 2.78 -7.29 | 37.16 2.95 -6.11 | 37.91 3.53 -2.02 | 36.96 3.04 -0.94 | 38.10 3.27 -0.41 | 41.04 3.35 -2.09 | 41.90 3.62 -0.60 | 43.45 3.76 -0.55 | 47.04 4.27 -0.92 | 51.81 3.94 -4.13 | 54.48 4.53 -3.68 | 48.36 3.92 -0.43 | 43.53 3.22 0.00 | 37.24 2.11 0.00 | 35.64 2.08 0.00 | 32.43 2.35 -0.31 | 30.68 2.31 -1.54 |
| LOCKPORT_115KV_TB60_63_64 80432 | 27.57 -0.62 0.00 | 24.42 -0.22 0.00 | 22.71 -0.49 0.00 | 21.89 -0.75 0.00 | 21.69 -0.69 0.00 | 22.56 -0.20 0.00 | 23.99 0.19 0.00 | 26.12 -0.62 -0.80 | 28.17 -0.65 -0.72 | 31.75 -0.84 -0.23 | 32.72 -0.33 -0.06 | 34.11 -0.31 0.00 | 35.14 -0.46 0.00 | 36.67 -1.02 0.00 | 38.44 -0.70 0.00 | 41.14 -0.71 0.00 | 43.97 -0.26 -0.49 | 46.46 -0.28 -0.47 | 43.79 -0.22 0.00 | 40.43 0.12 0.00 | 36.01 0.88 0.00 | 34.50 0.94 0.00 | 30.07 0.30 0.00 | 27.38 0.54 0.00 |
| LOCKPORT____CC1 323769 | 27.57 -0.62 0.00 | 24.42 -0.22 0.00 | 22.76 -0.44 0.00 | 21.95 -0.68 0.00 | 21.81 -0.58 0.00 | 22.54 -0.23 0.00 | 23.99 0.19 0.00 | 26.15 -0.60 -0.80 | 28.18 -0.65 -0.72 | 31.82 -0.78 -0.23 | 33.02 -0.03 -0.06 | 34.21 -0.21 0.00 | 35.36 -0.25 0.00 | 37.62 -0.08 0.00 | 38.44 -0.70 0.00 | 41.60 -0.25 0.00 | 43.93 -0.30 -0.49 | 46.65 -0.09 -0.48 | 43.92 -0.09 0.00 | 40.75 0.44 0.00 | 36.15 1.02 0.00 | 34.46 0.91 0.00 | 30.96 1.19 0.00 | 27.38 0.54 0.00 |
| LOCKPORT____CC2 323770 | 27.57 -0.62 0.00 | 24.42 -0.22 0.00 | 22.76 -0.44 0.00 | 21.95 -0.68 0.00 | 21.81 -0.58 0.00 | 22.54 -0.23 0.00 | 23.99 0.19 0.00 | 26.15 -0.60 -0.80 | 28.18 -0.65 -0.72 | 31.82 -0.78 -0.23 | 33.02 -0.03 -0.06 | 34.21 -0.21 0.00 | 35.36 -0.25 0.00 | 37.62 -0.08 0.00 | 38.44 -0.70 0.00 | 41.60 -0.25 0.00 | 43.93 -0.30 -0.49 | 46.65 -0.09 -0.48 | 43.92 -0.09 0.00 | 40.75 0.44 0.00 | 36.15 1.02 0.00 | 34.46 0.91 0.00 | 30.96 1.19 0.00 | 27.38 0.54 0.00 |
| LOCKPORT____CC3 323771 | 27.57 -0.62 0.00 | 24.42 -0.22 0.00 | 22.76 -0.44 0.00 | 21.95 -0.68 0.00 | 21.81 -0.58 0.00 | 22.54 -0.23 0.00 | 23.99 0.19 0.00 | 26.15 -0.60 -0.80 | 28.18 -0.65 -0.72 | 31.82 -0.78 -0.23 | 33.02 -0.03 -0.06 | 34.21 -0.21 0.00 | 35.36 -0.25 0.00 | 37.62 -0.08 0.00 | 38.44 -0.70 0.00 | 41.60 -0.25 0.00 | 43.93 -0.30 -0.49 | 46.65 -0.09 -0.48 | 43.92 -0.09 0.00 | 40.75 0.44 0.00 | 36.15 1.02 0.00 | 34.46 0.91 0.00 | 30.96 1.19 0.00 | 27.38 0.54 0.00 |

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|---------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LONG_LAKE_PHOENIX 24014 | 27.74 -0.45 0.00 | 24.30 -0.35 0.00 | 22.83 -0.37 0.00 | 22.25 -0.38 0.00 | 22.03 -0.36 0.00 | 22.49 -0.27 0.00 | 23.51 -0.29 0.00 | 26.02 -0.34 -0.42 | 28.05 -0.39 -0.34 | 32.02 -0.45 -0.11 | 32.72 -0.30 -0.03 | 34.11 -0.31 0.00 | 35.25 -0.36 0.00 | 37.20 -0.49 0.00 | 38.63 -0.51 0.00 | 41.31 -0.54 0.00 | 43.45 -0.52 -0.23 | 45.94 -0.56 -0.23 | 43.48 -0.53 0.00 | 39.87 -0.44 0.00 | 34.89 -0.25 0.00 | 33.42 -0.13 0.00 | 29.53 -0.24 0.00 | 26.65 -0.19 0.00 |
| LOVETT___3 23632 | 30.52 2.20 -0.13 | 26.49 1.85 0.00 | 24.92 1.72 0.00 | 24.35 1.72 0.00 | 24.02 1.63 0.00 | 24.52 1.75 0.00 | 25.61 1.81 0.00 | 32.49 2.10 -4.45 | 34.21 2.22 -3.89 | 36.85 2.69 -1.80 | 36.37 2.51 -0.88 | 37.41 2.62 -0.38 | 38.97 2.71 -0.66 | 41.18 2.94 -0.55 | 42.70 3.05 -0.51 | 46.17 3.47 -0.84 | 51.29 3.63 -3.91 | 53.65 3.89 -3.50 | 47.57 3.17 -0.40 | 42.93 2.62 0.00 | 36.93 1.79 0.00 | 35.27 1.71 0.00 | 31.93 1.88 -0.28 | 28.53 1.69 0.00 |
| LOVETT___4 23642 | 30.52 2.20 -0.13 | 26.49 1.85 0.00 | 24.92 1.72 0.00 | 24.35 1.72 0.00 | 24.02 1.63 0.00 | 24.52 1.75 0.00 | 25.61 1.81 0.00 | 32.49 2.10 -4.45 | 34.21 2.22 -3.89 | 36.85 2.69 -1.80 | 36.37 2.51 -0.88 | 37.41 2.62 -0.38 | 38.97 2.71 -0.66 | 41.18 2.94 -0.55 | 42.70 3.05 -0.51 | 46.17 3.47 -0.84 | 51.29 3.63 -3.91 | 53.65 3.89 -3.50 | 47.57 3.17 -0.40 | 42.93 2.62 0.00 | 36.93 1.79 0.00 | 35.27 1.71 0.00 | 31.93 1.88 -0.28 | 28.53 1.69 0.00 |
| LOVETT___5 23593 | 30.52 2.20 -0.13 | 26.49 1.85 0.00 | 24.92 1.72 0.00 | 24.35 1.72 0.00 | 24.02 1.63 0.00 | 24.52 1.75 0.00 | 25.61 1.81 0.00 | 32.49 2.10 -4.45 | 34.21 2.22 -3.89 | 36.85 2.69 -1.80 | 36.37 2.51 -0.88 | 37.41 2.62 -0.38 | 38.97 2.71 -0.66 | 41.18 2.94 -0.55 | 42.70 3.05 -0.51 | 46.17 3.47 -0.84 | 51.29 3.63 -3.91 | 53.65 3.89 -3.50 | 47.57 3.17 -0.40 | 42.93 2.62 0.00 | 36.93 1.79 0.00 | 35.27 1.71 0.00 | 31.93 1.88 -0.28 | 28.53 1.69 0.00 |
| LOWER RAQUET___HYD 24057 | 26.84 -1.35 0.00 | 23.44 -1.21 0.00 | 22.16 -1.04 0.00 | 21.61 -1.02 0.00 | 21.40 -0.98 0.00 | 21.79 -0.98 0.00 | 22.71 -1.09 0.00 | 24.77 -1.17 0.00 | 26.89 -1.21 0.00 | 30.94 -1.42 0.00 | 31.47 -1.52 0.00 | 32.83 -1.58 0.00 | 34.04 -1.57 0.00 | 35.92 -1.77 0.00 | 37.38 -1.76 0.00 | 39.76 -2.09 0.00 | 41.38 -2.36 0.00 | 43.81 -2.45 0.00 | 41.81 -2.20 0.00 | 38.38 -1.93 0.00 | 33.73 -1.41 0.00 | 32.32 -1.24 0.00 | 28.43 -1.34 0.00 | 25.58 -1.26 0.00 |
| LOWER___HUDSON 24059 | 29.44 1.46 0.22 | 25.85 1.21 0.00 | 24.36 1.16 0.00 | 23.83 1.20 0.00 | 23.53 1.14 0.00 | 24.02 1.25 0.00 | 25.06 1.26 0.00 | 31.93 1.40 -4.59 | 38.51 1.54 -8.86 | 36.11 1.78 -1.97 | 34.61 1.75 0.13 | 35.64 1.82 0.60 | 36.42 1.85 1.04 | 38.78 1.96 0.86 | 40.49 2.15 0.80 | 42.82 2.30 1.33 | 50.22 2.49 -3.98 | 53.26 2.64 -4.36 | 45.37 2.03 0.66 | 42.08 1.77 0.00 | 36.54 1.41 0.00 | 34.87 1.31 0.00 | 30.43 1.13 0.47 | 28.02 1.18 0.00 |
| LOWVILLE_115KV_TB2 356335 | 28.02 -0.17 0.00 | 24.52 -0.12 0.00 | 22.83 -0.37 0.00 | 22.52 -0.11 0.00 | 22.25 -0.13 0.00 | 22.70 -0.07 0.00 | 23.68 -0.12 0.00 | 26.00 -0.13 -0.19 | 27.96 -0.14 0.00 | 32.20 -0.16 0.00 | 32.79 -0.20 0.00 | 34.21 -0.21 0.00 | 35.39 -0.21 0.00 | 37.43 -0.26 0.00 | 38.87 -0.27 0.00 | 41.43 -0.42 0.00 | 43.09 -0.66 0.00 | 45.80 -0.46 0.00 | 44.32 0.31 0.00 | 40.67 0.36 0.00 | 35.66 0.53 0.00 | 34.16 0.60 0.00 | 30.07 0.30 0.00 | 27.00 0.16 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 30.13 2.11 0.17 | 26.42 1.77 0.00 | 24.87 1.67 0.00 | 24.31 1.67 0.00 | 24.02 1.63 0.00 | 24.52 1.75 0.00 | 25.59 1.79 0.00 | 32.76 2.00 -4.82 | 40.30 2.22 -9.99 | 37.45 2.56 -2.53 | 35.86 2.71 -0.16 | 36.67 2.72 0.46 | 37.58 2.78 0.80 | 40.00 2.98 0.67 | 41.61 3.09 0.62 | 44.09 3.26 1.03 | 52.45 3.50 -5.20 | 55.40 3.70 -5.44 | 46.64 3.17 0.53 | 43.13 2.82 0.00 | 37.56 2.42 0.00 | 35.74 2.18 0.00 | 31.39 1.99 0.38 | 28.64 1.80 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 30.16 2.14 0.17 | 26.44 1.80 0.00 | 24.89 1.69 0.00 | 24.33 1.70 0.00 | 24.05 1.66 0.00 | 24.54 1.78 0.00 | 25.61 1.81 0.00 | 32.78 2.02 -4.82 | 40.30 2.22 -9.99 | 37.48 2.59 -2.53 | 35.86 2.71 -0.16 | 36.70 2.75 0.46 | 37.58 2.78 0.80 | 40.04 3.02 0.67 | 41.65 3.13 0.62 | 44.13 3.31 1.03 | 52.49 3.54 -5.20 | 55.45 3.75 -5.44 | 46.69 3.21 0.53 | 43.17 2.86 0.00 | 37.59 2.46 0.00 | 35.77 2.21 0.00 | 31.42 2.02 0.38 | 28.67 1.83 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 27.29 -0.90 0.00 | 23.85 -0.79 0.00 | 22.39 -0.81 0.00 | 21.95 -0.68 0.00 | 21.72 -0.67 0.00 | 22.13 -0.64 0.00 | 23.09 -0.71 0.00 | 25.30 -0.78 -0.14 | 27.28 -0.81 0.00 | 31.42 -0.94 0.00 | 31.94 -1.06 0.00 | 33.31 -1.10 0.00 | 34.50 -1.10 0.00 | 36.56 -1.13 0.00 | 37.93 -1.21 0.00 | 40.39 -1.46 0.00 | 41.95 -1.79 0.00 | 44.55 -1.71 0.00 | 42.69 -1.32 0.00 | 39.26 -1.05 0.00 | 34.47 -0.67 0.00 | 33.02 -0.54 0.00 | 29.09 -0.68 0.00 | 26.12 -0.72 0.00 |
| LYONS_FALL_HYD 23570 | 28.44 0.25 0.00 | 24.89 0.25 0.00 | 23.27 0.07 0.00 | 22.84 0.20 0.00 | 22.59 0.20 0.00 | 22.99 0.23 0.00 | 24.01 0.21 0.00 | 26.32 0.21 -0.17 | 28.38 0.28 0.00 | 32.69 0.32 0.00 | 33.42 0.43 0.00 | 34.90 0.48 0.00 | 36.07 0.46 0.00 | 38.11 0.42 0.00 | 39.57 0.43 0.00 | 42.23 0.38 0.00 | 44.05 0.31 0.00 | 46.73 0.46 0.00 | 44.71 0.70 0.00 | 40.95 0.64 0.00 | 35.87 0.74 0.00 | 34.30 0.74 0.00 | 30.25 0.47 0.00 | 27.14 0.30 0.00 |
| MADISON___COUNTY_LFGE 323628 | 28.92 0.73 0.00 | 25.31 0.67 0.00 | 23.76 0.56 0.00 | 23.20 0.57 0.00 | 22.95 0.56 0.00 | 23.40 0.64 0.00 | 24.47 0.67 0.00 | 26.92 0.67 -0.30 | 28.86 0.76 0.00 | 33.24 0.87 0.00 | 34.08 1.09 0.00 | 35.59 1.17 0.00 | 36.78 1.18 0.00 | 38.82 1.13 0.00 | 40.35 1.21 0.00 | 43.07 1.21 0.00 | 45.01 1.27 0.00 | 47.65 1.39 0.00 | 45.42 1.41 0.00 | 41.60 1.29 0.00 | 36.40 1.26 0.00 | 34.77 1.21 0.00 | 30.63 0.86 0.00 | 27.56 0.72 0.00 |
| MALONE___115KV_TB1 356076 | 27.37 -0.82 0.00 | 24.00 -0.64 0.00 | 22.81 -0.39 0.00 | 22.20 -0.43 0.00 | 22.05 -0.34 0.00 | 22.56 -0.20 0.00 | 23.59 -0.21 0.00 | 25.76 -0.18 0.00 | 27.99 -0.11 0.00 | 32.20 -0.16 0.00 | 32.76 -0.23 0.00 | 34.14 -0.28 0.00 | 35.43 -0.18 0.00 | 37.65 -0.04 0.00 | 38.94 -0.20 0.00 | 41.43 -0.42 0.00 | 43.04 -0.70 0.00 | 45.71 -0.56 0.00 | 43.35 -0.66 0.00 | 39.99 -0.32 0.00 | 35.20 0.07 0.00 | 33.63 0.07 0.00 | 29.56 -0.21 0.00 | 26.54 -0.30 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 29.55 1.52 0.16 | 25.90 1.26 0.00 | 24.41 1.21 0.00 | 23.88 1.24 0.00 | 23.58 1.19 0.00 | 24.06 1.30 0.00 | 25.09 1.29 0.00 | 32.17 1.48 -4.75 | 37.84 1.63 -8.11 | 36.21 1.88 -1.97 | 34.95 1.91 -0.05 | 35.94 1.96 0.44 | 36.88 2.03 0.76 | 39.21 2.15 0.63 | 40.83 2.27 0.58 | 43.27 2.39 0.97 | 50.35 2.58 -4.03 | 53.26 2.73 -4.27 | 45.71 2.20 0.50 | 42.24 1.93 0.00 | 36.68 1.55 0.00 | 34.93 1.38 0.00 | 30.73 1.31 0.35 | 28.05 1.21 0.00 |
| MAPLE RIDGE_WT_1 323574 | 27.79 -0.39 0.00 | 24.32 -0.32 0.00 | 22.92 -0.28 0.00 | 22.36 -0.27 0.00 | 22.14 -0.25 0.00 | 22.54 -0.23 0.00 | 23.61 -0.19 0.00 | 25.79 -0.15 0.00 | 27.99 -0.11 0.00 | 32.27 -0.10 0.00 | 32.89 -0.10 0.00 | 34.35 -0.07 0.00 | 35.50 -0.11 0.00 | 37.62 -0.08 0.00 | 39.02 -0.12 0.00 | 41.73 -0.13 0.00 | 43.66 -0.09 0.00 | 46.22 -0.05 0.00 | 44.10 0.09 0.00 | 40.35 0.04 0.00 | 35.13 0.00 0.00 | 33.49 -0.07 0.00 | 29.65 -0.12 0.00 | 26.68 -0.16 0.00 |

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| MAPLE RIDGE_WT_2 323611 | 27.79 -0.39 0.00 | 24.32 -0.32 0.00 | 22.92 -0.28 0.00 | 22.36 -0.27 0.00 | 22.14 -0.25 0.00 | 22.54 -0.23 0.00 | 23.61 -0.19 0.00 | 25.79 -0.15 0.00 | 27.99 -0.11 0.00 | 32.27 -0.10 0.00 | 32.89 -0.10 0.00 | 34.35 -0.07 0.00 | 35.50 -0.11 0.00 | 37.62 -0.08 0.00 | 39.02 -0.12 0.00 | 41.73 -0.13 0.00 | 43.66 -0.09 0.00 | 46.22 -0.05 0.00 | 44.10 0.09 0.00 | 40.35 0.04 0.00 | 35.13 0.00 0.00 | 33.49 -0.07 0.00 | 29.65 -0.12 0.00 | 26.68 -0.16 0.00 |
| MARBLE RIVER_WT_PWR 323696 | 27.40 -0.79 0.00 | 24.08 -0.57 0.00 | 22.92 -0.28 0.00 | 22.29 -0.34 0.00 | 22.16 -0.22 0.00 | 22.70 -0.07 0.00 | 23.75 -0.05 0.00 | 25.94 0.00 0.00 | 28.21 0.11 0.00 | 32.43 0.06 0.00 | 32.93 -0.07 0.00 | 34.35 -0.07 0.00 | 35.68 0.07 0.00 | 37.80 0.11 0.00 | 39.26 0.12 0.00 | 41.73 -0.13 0.00 | 43.53 -0.22 0.00 | 46.13 -0.14 0.00 | 43.92 -0.09 0.00 | 40.39 0.08 0.00 | 35.45 0.32 0.00 | 33.83 0.27 0.00 | 29.80 0.03 0.00 | 26.79 -0.05 0.00 |
| MARSHVLE_115KV_TB1 80742 | 30.51 2.42 0.10 | 26.71 2.07 0.00 | 25.08 1.88 0.00 | 24.51 1.88 0.00 | 24.25 1.86 0.00 | 24.95 2.19 0.00 | 26.11 2.31 0.00 | 34.52 2.49 -6.09 | 39.80 2.64 -9.06 | 37.83 2.94 -2.52 | 36.33 2.97 -0.37 | 37.24 3.10 0.27 | 38.31 3.17 0.47 | 40.73 3.43 0.39 | 42.34 3.56 0.36 | 45.11 3.85 0.60 | 53.13 4.16 -5.23 | 56.11 4.53 -5.31 | 47.60 3.92 0.32 | 43.90 3.59 0.00 | 38.40 3.27 0.00 | 36.51 2.95 0.00 | 32.05 2.50 0.23 | 29.01 2.17 0.00 |
| MARSH HILL_WT_PWR 323713 | 28.75 0.56 0.00 | 25.38 0.74 0.00 | 23.69 0.49 0.00 | 22.91 0.27 0.00 | 22.77 0.38 0.00 | 23.56 0.80 0.00 | 24.97 1.17 0.00 | 27.66 0.62 -1.09 | 29.96 0.84 -1.02 | 33.76 1.07 -0.33 | 34.79 1.71 -0.09 | 36.00 1.58 0.00 | 37.14 1.53 0.00 | 39.35 1.66 0.00 | 40.39 1.25 0.00 | 43.57 1.72 0.00 | 46.31 1.88 -0.69 | 49.20 2.27 -0.67 | 45.99 1.98 0.00 | 42.44 2.13 0.00 | 37.45 2.32 0.00 | 35.81 2.25 0.00 | 32.06 2.29 0.00 | 28.45 1.61 0.00 |
| MCINTYRE_115KV_TB2 80467 | 27.57 -0.62 0.00 | 24.08 -0.57 0.00 | 22.76 -0.44 0.00 | 22.20 -0.43 0.00 | 21.99 -0.40 0.00 | 22.38 -0.39 0.00 | 23.32 -0.48 0.00 | 25.37 -0.57 0.00 | 27.54 -0.56 0.00 | 31.68 -0.68 0.00 | 32.20 -0.79 0.00 | 33.62 -0.79 0.00 | 34.86 -0.75 0.00 | 36.90 -0.79 0.00 | 38.28 -0.86 0.00 | 40.76 -1.09 0.00 | 42.39 -1.36 0.00 | 45.02 -1.25 0.00 | 42.82 -1.19 0.00 | 39.38 -0.93 0.00 | 34.64 -0.49 0.00 | 33.12 -0.44 0.00 | 29.18 -0.60 0.00 | 26.20 -0.64 0.00 |
| MECO____69_KV_BK1 80468 | 31.29 3.21 0.12 | 27.38 2.74 0.00 | 25.70 2.51 0.00 | 25.12 2.49 0.00 | 24.85 2.46 0.00 | 25.54 2.78 0.00 | 26.70 2.90 0.00 | 34.70 3.04 -5.73 | 40.85 3.15 -9.61 | 38.38 3.37 -2.65 | 37.52 4.16 -0.37 | 38.49 4.37 0.30 | 39.58 4.49 0.52 | 41.11 3.84 0.43 | 42.69 3.95 0.40 | 45.54 4.35 0.66 | 54.06 4.81 -5.50 | 57.22 5.37 -5.59 | 48.50 4.84 0.35 | 44.78 4.47 0.00 | 39.46 4.32 0.00 | 37.48 3.93 0.00 | 32.86 3.33 0.25 | 29.74 2.90 0.00 |
| MENANDS__115KV_TB5 355628 | 29.23 1.21 0.17 | 25.60 0.96 0.00 | 24.15 0.95 0.00 | 23.63 1.00 0.00 | 23.35 0.96 0.00 | 23.81 1.05 0.00 | 24.82 1.02 0.00 | 31.82 1.17 -4.71 | 37.08 1.29 -7.69 | 35.67 1.49 -1.82 | 34.47 1.48 0.01 | 35.48 1.51 0.45 | 36.39 1.57 0.78 | 38.74 1.70 0.65 | 40.30 1.76 0.60 | 42.78 1.93 1.00 | 49.45 2.01 -3.70 | 52.35 2.13 -3.96 | 45.12 1.63 0.52 | 41.68 1.37 0.00 | 36.15 1.02 0.00 | 34.46 0.91 0.00 | 30.33 0.92 0.36 | 27.70 0.86 0.00 |
| MG INDUSTRY__DRP 24185 | 29.35 1.27 0.10 | 25.68 1.03 0.00 | 24.22 1.02 0.00 | 23.67 1.04 0.00 | 23.40 1.01 0.00 | 23.86 1.09 0.00 | 24.90 1.09 0.00 | 31.94 1.22 -4.78 | 35.49 1.29 -6.10 | 35.42 1.49 -1.57 | 34.60 1.48 -0.12 | 35.66 1.51 0.27 | 36.68 1.53 0.46 | 38.96 1.66 0.38 | 40.54 1.76 0.36 | 43.10 1.84 0.59 | 48.95 1.97 -3.24 | 51.66 2.04 -3.36 | 45.32 1.63 0.32 | 41.72 1.41 0.00 | 36.26 1.12 0.00 | 34.57 1.01 0.00 | 30.56 1.01 0.22 | 27.78 0.94 0.00 |
| MID__OSWEGATCHIE_HYD 23849 | 27.29 -0.90 0.00 | 23.85 -0.79 0.00 | 22.39 -0.81 0.00 | 21.95 -0.68 0.00 | 21.72 -0.67 0.00 | 22.13 -0.64 0.00 | 23.09 -0.71 0.00 | 25.30 -0.78 -0.14 | 27.28 -0.81 0.00 | 31.42 -0.94 0.00 | 31.94 -1.06 0.00 | 33.31 -1.10 0.00 | 34.50 -1.10 0.00 | 36.56 -1.13 0.00 | 37.93 -1.21 0.00 | 40.39 -1.46 0.00 | 41.95 -1.79 0.00 | 44.55 -1.71 0.00 | 42.69 -1.32 0.00 | 39.26 -1.05 0.00 | 34.47 -0.67 0.00 | 33.02 -0.54 0.00 | 29.09 -0.68 0.00 | 26.12 -0.72 0.00 |
| MID__RAQUETTE_HYD 23851 | 26.84 -1.35 0.00 | 23.44 -1.21 0.00 | 22.16 -1.04 0.00 | 21.61 -1.02 0.00 | 21.40 -0.99 0.00 | 21.79 -0.98 0.00 | 22.71 -1.09 0.00 | 24.77 -1.17 0.00 | 26.89 -1.21 0.00 | 30.94 -1.42 0.00 | 31.47 -1.52 0.00 | 32.83 -1.58 0.00 | 34.04 -1.57 0.00 | 36.07 -1.62 0.00 | 37.38 -1.76 0.00 | 39.80 -2.05 0.00 | 41.34 -2.41 0.00 | 43.91 -2.36 0.00 | 41.76 -2.24 0.00 | 38.37 -1.93 0.00 | 33.76 -1.37 0.00 | 32.32 -1.24 0.00 | 28.46 -1.31 0.00 | 25.58 -1.26 0.00 |
| MILLIKEN__1 23584 | 28.89 0.70 0.00 | 25.31 0.67 0.00 | 23.76 0.56 0.00 | 23.11 0.48 0.00 | 22.90 0.51 0.00 | 23.52 0.75 0.00 | 24.63 0.83 0.00 | 27.81 0.80 -1.06 | 29.98 0.87 -1.01 | 33.69 1.00 -0.33 | 34.30 1.22 -0.08 | 35.72 1.31 0.00 | 36.92 1.32 0.00 | 38.93 1.24 0.00 | 40.43 1.29 0.00 | 43.32 1.46 0.00 | 46.05 1.62 -0.69 | 48.69 1.76 -0.67 | 45.59 1.58 0.00 | 41.84 1.53 0.00 | 36.68 1.55 0.00 | 35.07 1.51 0.00 | 30.90 1.13 0.00 | 27.83 0.99 0.00 |
| MILLIKEN__2 23585 | 28.89 0.70 0.00 | 25.31 0.67 0.00 | 23.76 0.56 0.00 | 23.11 0.48 0.00 | 22.90 0.51 0.00 | 23.52 0.75 0.00 | 24.63 0.83 0.00 | 27.81 0.80 -1.06 | 29.98 0.87 -1.01 | 33.69 1.00 -0.33 | 34.30 1.22 -0.08 | 35.72 1.31 0.00 | 36.92 1.32 0.00 | 38.93 1.24 0.00 | 40.43 1.29 0.00 | 43.32 1.46 0.00 | 46.05 1.62 -0.69 | 48.69 1.76 -0.67 | 45.59 1.58 0.00 | 41.84 1.53 0.00 | 36.68 1.55 0.00 | 35.07 1.51 0.00 | 30.90 1.13 0.00 | 27.83 0.99 0.00 |
| MILLIKEN__DIESEL 23629 | 28.89 0.70 0.00 | 25.31 0.67 0.00 | 23.76 0.56 0.00 | 23.11 0.48 0.00 | 22.90 0.51 0.00 | 23.52 0.75 0.00 | 24.63 0.83 0.00 | 27.81 0.80 -1.06 | 29.98 0.87 -1.01 | 33.69 1.00 -0.33 | 34.30 1.22 -0.08 | 35.72 1.31 0.00 | 36.92 1.32 0.00 | 38.93 1.24 0.00 | 40.43 1.29 0.00 | 43.32 1.46 0.00 | 46.05 1.62 -0.69 | 48.69 1.76 -0.67 | 45.59 1.58 0.00 | 41.84 1.53 0.00 | 36.68 1.55 0.00 | 35.07 1.51 0.00 | 30.90 1.13 0.00 | 27.83 0.99 0.00 |
| MILLSEAT__LFGE 323607 | 28.05 -0.14 0.00 | 24.82 0.17 0.00 | 23.15 -0.05 0.00 | 22.34 -0.29 0.00 | 22.21 -0.18 0.00 | 22.95 0.18 0.00 | 24.40 0.60 0.00 | 26.63 -0.08 -0.77 | 28.73 -0.06 -0.69 | 32.45 -0.13 -0.22 | 33.71 0.66 -0.06 | 34.93 0.52 0.00 | 36.14 0.53 0.00 | 38.41 0.71 0.00 | 39.22 0.08 0.00 | 42.36 0.50 0.00 | 44.61 0.39 -0.47 | 47.37 0.65 -0.45 | 44.67 0.66 0.00 | 41.48 1.17 0.00 | 36.89 1.76 0.00 | 35.17 1.61 0.00 | 31.50 1.73 0.00 | 27.80 0.96 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 30.67 2.34 -0.14 | 26.59 1.95 0.00 | 25.01 1.81 0.00 | 24.44 1.81 0.00 | 24.14 1.75 0.00 | 24.59 1.82 0.00 | 25.70 1.90 0.00 | 32.82 2.28 -4.60 | 34.54 2.42 -4.02 | 37.19 2.94 -1.89 | 36.69 2.77 -0.93 | 37.68 2.86 -0.41 | 39.24 2.92 -0.71 | 41.45 3.17 -0.59 | 42.98 3.29 -0.55 | 46.48 3.72 -0.91 | 51.74 3.89 -4.10 | 54.08 4.16 -3.65 | 47.87 3.43 -0.43 | 43.21 2.90 0.00 | 37.14 2.00 0.00 | 35.47 1.91 0.00 | 32.10 2.02 -0.30 | 28.64 1.80 0.00 |

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| MILLWOOD_13_KV_LOAD 356217 | 30.78 2.45 -0.14 | 26.69 2.05 0.00 | 25.10 1.90 0.00 | 24.53 1.90 0.00 | 24.20 1.81 0.00 | 24.68 1.91 0.00 | 25.78 1.98 0.00 | 32.93 2.39 -4.60 | 34.68 2.56 -4.02 | 37.39 3.14 -1.89 | 36.89 2.97 -0.93 | 37.85 3.03 -0.41 | 39.42 3.10 -0.71 | 41.63 3.35 -0.59 | 43.17 3.48 -0.55 | 46.69 3.93 -0.91 | 51.96 4.11 -4.10 | 54.31 4.40 -3.65 | 48.13 3.70 -0.43 | 43.41 3.10 0.00 | 37.28 2.14 0.00 | 35.61 2.05 0.00 | 32.19 2.11 -0.30 | 28.72 1.88 0.00 |
| MODEL_CITY_ENERGY 24167 | 27.26 -0.93 0.00 | 24.12 -0.52 0.00 | 22.55 -0.65 0.00 | 21.73 -0.91 0.00 | 21.60 -0.78 0.00 | 22.31 -0.46 0.00 | 23.75 -0.05 0.00 | 25.84 -0.91 -0.81 | 27.85 -0.98 -0.73 | 31.40 -1.20 -0.23 | 32.59 -0.46 -0.06 | 33.76 -0.65 0.00 | 34.90 -0.71 0.00 | 37.13 -0.56 0.00 | 37.93 -1.21 0.00 | 41.06 -0.80 0.00 | 43.37 -0.87 -0.50 | 46.05 -0.69 -0.48 | 43.35 -0.66 0.00 | 40.23 -0.08 0.00 | 35.66 0.53 0.00 | 34.03 0.47 0.00 | 30.58 0.80 0.00 | 27.05 0.21 0.00 |
| MODERN_LFGE_ 323580 | 27.26 -0.93 0.00 | 24.12 -0.52 0.00 | 22.55 -0.65 0.00 | 21.73 -0.91 0.00 | 21.60 -0.78 0.00 | 22.31 -0.46 0.00 | 23.75 -0.05 0.00 | 25.84 -0.91 -0.81 | 27.85 -0.98 -0.73 | 31.40 -1.20 -0.23 | 32.59 -0.46 -0.06 | 33.76 -0.65 0.00 | 34.90 -0.71 0.00 | 37.13 -0.56 0.00 | 37.93 -1.21 0.00 | 41.06 -0.80 0.00 | 43.37 -0.87 -0.50 | 46.05 -0.69 -0.48 | 43.35 -0.66 0.00 | 40.23 -0.08 0.00 | 35.66 0.53 0.00 | 34.03 0.47 0.00 | 30.58 0.80 0.00 | 27.05 0.21 0.00 |
| MOHAWK_PAPER___DRP 24187 | 29.55 1.52 0.16 | 25.90 1.26 0.00 | 24.41 1.21 0.00 | 23.88 1.24 0.00 | 23.58 1.19 0.00 | 24.06 1.30 0.00 | 25.09 1.29 0.00 | 32.17 1.48 -4.75 | 37.84 1.63 -8.11 | 36.21 1.88 -1.97 | 34.95 1.91 -0.05 | 35.94 1.96 0.44 | 36.88 2.03 0.76 | 39.21 2.15 0.63 | 40.83 2.27 0.58 | 43.27 2.39 0.97 | 50.35 2.58 -4.03 | 53.26 2.73 -4.27 | 45.71 2.20 0.50 | 42.24 1.93 0.00 | 36.68 1.55 0.00 | 34.93 1.38 0.00 | 30.73 1.31 0.35 | 28.05 1.21 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 30.53 2.51 0.17 | 26.74 2.09 0.00 | 25.15 1.95 0.00 | 24.60 1.97 0.00 | 24.31 1.93 0.00 | 24.86 2.09 0.00 | 25.94 2.14 0.00 | 33.16 2.39 -4.83 | 40.84 2.70 -10.04 | 38.06 3.14 -2.56 | 36.57 3.40 -0.18 | 37.40 3.44 0.46 | 38.27 3.45 0.79 | 40.73 3.69 0.66 | 42.36 3.84 0.61 | 44.82 3.98 1.01 | 53.30 4.29 -5.27 | 56.29 4.53 -5.49 | 47.40 3.92 0.52 | 43.86 3.55 0.00 | 38.26 3.13 0.00 | 36.38 2.82 0.00 | 31.87 2.47 0.37 | 29.04 2.20 0.00 |
| MONGAUP___HYD 23641 | 30.11 1.81 -0.11 | 26.15 1.50 0.00 | 24.59 1.39 0.00 | 24.04 1.40 0.00 | 23.69 1.30 0.00 | 24.23 1.46 0.00 | 25.30 1.50 0.00 | 31.73 1.64 -4.15 | 33.46 1.71 -3.65 | 35.96 1.97 -1.62 | 35.39 1.65 -0.75 | 36.48 1.75 -0.31 | 38.10 1.96 -0.54 | 40.28 2.15 -0.44 | 41.94 2.39 -0.41 | 44.92 2.38 -0.68 | 49.88 2.62 -3.51 | 52.25 2.82 -3.16 | 46.46 2.11 -0.34 | 42.32 2.01 0.00 | 36.64 1.51 0.00 | 35.07 1.51 0.00 | 31.41 1.40 -0.24 | 28.26 1.42 0.00 |
| MONTAUK___DIESEL 23721 | 40.39 5.27 -6.93 | 39.16 4.39 -10.13 | 37.99 4.04 -10.75 | 31.10 3.94 -4.53 | 31.20 3.85 -4.96 | 31.86 4.01 -5.09 | 35.11 4.28 -7.02 | 38.16 4.93 -7.29 | 39.75 5.54 -6.12 | 40.93 6.54 -2.03 | 41.22 6.24 -1.99 | 41.55 6.71 -0.42 | 48.08 6.87 -5.60 | 86.88 7.16 -42.02 | 69.80 7.40 -23.26 | 76.94 8.12 -26.97 | 72.69 7.92 -21.03 | 168.18 8.93 -112.98 | 82.55 8.10 -30.45 | 47.42 7.05 -0.06 | 51.21 5.09 -10.98 | 43.02 5.00 -4.46 | 35.30 4.97 -0.56 | 33.11 4.70 -1.57 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 28.95 0.76 0.00 | 25.68 1.03 0.00 | 23.87 0.67 0.00 | 22.99 0.36 0.00 | 22.79 0.40 0.00 | 23.68 0.91 0.00 | 25.28 1.48 0.00 | 27.57 0.70 -0.93 | 29.99 1.04 -0.85 | 33.90 1.26 -0.27 | 34.98 1.91 -0.07 | 36.24 1.82 0.00 | 37.25 1.64 0.00 | 39.12 1.43 0.00 | 40.94 1.80 0.00 | 43.74 1.88 0.00 | 46.73 2.41 -0.58 | 49.46 2.64 -0.56 | 46.34 2.33 0.00 | 42.73 2.42 0.00 | 37.94 2.81 0.00 | 36.38 2.82 0.00 | 31.71 1.94 0.00 | 28.67 1.83 0.00 |
| MORTIMER_115KV_TB3 55949 | 28.10 -0.08 0.00 | 24.79 0.15 0.00 | 23.13 -0.07 0.00 | 22.41 -0.23 0.00 | 22.21 -0.18 0.00 | 22.88 0.11 0.00 | 24.16 0.36 0.00 | 26.70 0.10 -0.66 | 28.76 0.08 -0.57 | 32.58 0.03 -0.18 | 33.37 0.33 -0.05 | 34.83 0.41 0.00 | 35.96 0.36 0.00 | 37.80 0.11 0.00 | 39.37 0.23 0.00 | 42.14 0.29 0.00 | 44.75 0.61 -0.39 | 47.15 0.51 -0.38 | 44.45 0.44 0.00 | 40.99 0.69 0.00 | 36.33 1.19 0.00 | 34.77 1.21 0.00 | 30.43 0.65 0.00 | 27.48 0.64 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 31.04 2.71 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.65 2.01 0.00 | 24.38 1.99 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.19 2.62 -4.63 | 34.93 2.78 -4.04 | 37.63 3.37 -1.90 | 37.06 3.13 -0.94 | 38.06 3.24 -0.41 | 39.64 3.31 -0.72 | 41.83 3.54 -0.60 | 43.33 3.64 -0.55 | 47.00 4.23 -0.92 | 52.25 4.37 -4.13 | 54.62 4.67 -3.68 | 48.31 3.87 -0.43 | 43.62 3.31 0.00 | 37.38 2.25 0.00 | 35.74 2.18 0.00 | 32.43 2.35 -0.31 | 28.93 2.09 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 30.33 2.14 0.00 | 26.59 1.95 0.00 | 24.89 1.69 0.00 | 24.28 1.65 0.00 | 24.02 1.63 0.00 | 24.77 2.00 0.00 | 26.01 2.21 0.00 | 29.75 2.18 -1.63 | 32.25 2.30 -1.85 | 35.67 2.72 -0.59 | 36.21 3.07 -0.15 | 37.65 3.23 0.00 | 39.06 3.45 0.00 | 41.20 3.51 0.00 | 42.74 3.60 0.00 | 45.78 3.93 0.00 | 49.11 4.11 -1.25 | 52.15 4.67 -1.22 | 48.41 4.40 0.00 | 44.30 3.99 0.00 | 38.93 3.80 0.00 | 37.22 3.66 0.00 | 32.81 3.04 0.00 | 29.28 2.44 0.00 |
| N SALMON___HYD 24042 | 27.37 -0.82 0.00 | 24.00 -0.64 0.00 | 22.80 -0.39 0.00 | 22.20 -0.43 0.00 | 22.05 -0.34 0.00 | 22.56 -0.21 0.00 | 23.59 -0.21 0.00 | 25.76 -0.18 0.00 | 27.99 -0.11 0.00 | 32.20 -0.16 0.00 | 32.73 -0.27 0.00 | 34.14 -0.28 0.00 | 35.43 -0.18 0.00 | 37.50 -0.19 0.00 | 38.95 -0.19 0.00 | 41.39 -0.46 0.00 | 43.04 -0.70 0.00 | 45.62 -0.65 0.00 | 43.43 -0.57 0.00 | 39.99 -0.32 0.00 | 35.20 0.07 0.00 | 33.63 0.07 0.00 | 29.53 -0.24 0.00 | 26.55 -0.29 0.00 |
| N.AKRON___115KV_KNAPP 355671 | 28.05 -0.14 0.00 | 24.82 0.17 0.00 | 23.08 -0.12 0.00 | 22.27 -0.36 0.00 | 22.08 -0.31 0.00 | 22.95 0.18 0.00 | 24.40 0.60 0.00 | 26.61 -0.10 -0.78 | 28.71 -0.08 -0.70 | 32.36 -0.23 -0.22 | 33.41 0.36 -0.06 | 34.83 0.41 0.00 | 35.89 0.28 0.00 | 37.50 -0.19 0.00 | 39.18 0.04 0.00 | 41.89 0.04 0.00 | 44.74 0.52 -0.47 | 47.23 0.51 -0.46 | 44.54 0.53 0.00 | 41.16 0.85 0.00 | 36.71 1.58 0.00 | 35.17 1.61 0.00 | 30.63 0.86 0.00 | 27.81 0.97 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 38.32 3.21 -6.92 | 37.46 2.69 -10.13 | 36.43 2.48 -10.75 | 29.60 2.44 -4.53 | 29.75 2.40 -4.96 | 30.34 2.48 -5.09 | 33.44 2.62 -7.02 | 36.32 3.09 -7.29 | 37.49 3.29 -6.11 | 38.33 3.95 -2.02 | 37.49 3.56 -0.94 | 38.68 3.85 -0.41 | 41.61 3.92 -2.09 | 42.47 4.18 -0.60 | 44.08 4.38 -0.55 | 47.71 4.94 -0.92 | 52.51 4.64 -4.13 | 55.22 5.27 -3.68 | 49.06 4.62 -0.43 | 44.18 3.87 0.00 | 37.80 2.67 0.00 | 36.24 2.68 0.00 | 32.91 2.83 -0.31 | 31.09 2.71 -1.54 |
| N.E._GEN_SANDY PD 24062 | 28.55 1.52 1.16 | 25.90 1.26 0.00 | 24.43 1.23 0.00 | 23.90 1.27 0.00 | 23.57 1.19 0.00 | 24.06 1.30 0.00 | 25.45 1.31 -0.34 | 28.60 1.48 -1.18 | 32.70 1.60 -3.00 | 29.97 1.88 4.27 | 30.87 1.68 3.81 | 33.00 1.79 3.20 | 31.90 1.85 5.56 | 35.00 1.92 4.61 | 37.00 2.15 4.29 | 37.13 2.38 7.10 | 37.58 2.58 8.74 | 43.11 2.73 5.88 | 42.49 2.03 3.54 | 42.04 1.73 0.00 | 36.33 1.20 0.00 | 34.70 1.14 0.00 | 28.31 1.04 2.50 | 27.99 1.15 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|------------------------|
| N. HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 30.57 2.26 -0.13 | 26.54 1.90 0.00 | 24.94 1.74 0.00 | 24.38 1.74 0.00 | 24.05 1.66 0.00 | 24.54 1.78 0.00 | 25.63 1.83 0.00 | 32.51 2.13 -4.44 | 34.21 2.22 -3.89 | 36.84 2.69 -1.80 | 36.40 2.54 -0.87 | 37.41 2.62 -0.38 | 39.00 2.74 -0.66 | 41.21 2.98 -0.54 | 42.74 3.09 -0.51 | 46.21 3.52 -0.84 | 51.32 3.67 -3.90 | 53.68 3.93 -3.49 | 47.61 3.21 -0.39 | 42.97 2.66 0.00 | 36.96 1.83 0.00 | 35.34 1.78 0.00 | 31.95 1.91 -0.28 | 28.56 1.72 0.00 |
| N. QUEENS_27_KV_LOAD 356247 | 31.35 3.02 -0.15 | 27.14 2.49 -0.01 | 25.48 2.27 -0.01 | 24.90 2.26 -0.01 | 24.61 2.22 -0.01 | 24.91 2.14 0.00 | 25.97 2.17 0.00 | 33.36 2.78 -4.64 | 35.01 2.87 -4.04 | 37.73 3.46 -1.91 | 37.16 3.23 -0.94 | 38.17 3.34 -0.41 | 39.67 3.35 -0.72 | 41.83 3.54 -0.60 | 43.26 3.56 -0.55 | 46.91 4.14 -0.92 | 52.21 4.33 -4.13 | 54.52 4.58 -3.68 | 48.35 3.92 -0.43 | 43.57 3.27 0.00 | 37.38 2.25 0.00 | 35.81 2.25 0.00 | 32.46 2.38 -0.31 | 29.20 2.36 0.00 |
| N. TROY___115KV_TB1 355778 | 29.44 1.47 0.22 | 25.85 1.21 0.00 | 24.36 1.16 0.00 | 23.83 1.20 0.00 | 23.55 1.16 0.00 | 24.02 1.25 0.00 | 25.06 1.26 0.00 | 31.95 1.40 -4.61 | 38.52 1.55 -8.87 | 36.14 1.78 -2.00 | 34.70 1.81 0.10 | 35.69 1.86 0.58 | 36.48 1.89 1.01 | 38.92 2.07 0.84 | 40.51 2.15 0.78 | 42.90 2.34 1.29 | 50.29 2.49 -4.05 | 53.27 2.59 -4.41 | 45.46 2.11 0.66 | 42.12 1.81 0.00 | 36.57 1.44 0.00 | 34.83 1.28 0.00 | 30.55 1.25 0.47 | 28.02 1.18 0.00 |
| NARROWS_GT1_1 24228 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT1_2 24229 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT1_3 24230 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT1_4 24231 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT1_5 24232 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT1_6 24233 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT1_7 24234 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT1_8 24235 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT2_1 24236 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT2_2 24237 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT2_3 24238 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT2_4 24239 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|------------------------|
| NARROWS_GT2_5 24240 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT2_6 24241 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT2_7 24242 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NARROWS_GT2_8 24243 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 29.92 1.80 0.07 | 25.95 1.31 0.00 | 24.48 1.28 0.00 | 23.95 1.31 0.00 | 23.60 1.21 0.00 | 24.11 1.34 0.00 | 25.09 1.29 0.00 | 32.08 1.45 -4.68 | 35.24 1.29 -5.85 | 35.55 1.59 -1.61 | 34.76 1.55 -0.22 | 35.81 1.58 0.19 | 37.14 1.85 0.32 | 39.27 1.85 0.27 | 41.08 2.19 0.25 | 43.70 2.26 0.41 | 49.14 2.06 -3.34 | 51.79 2.13 -3.39 | 45.98 2.20 0.23 | 42.04 1.73 0.00 | 36.71 1.58 0.00 | 35.00 1.44 0.00 | 31.13 1.52 0.16 | 28.05 1.21 0.00 |
| NCHELSEA_115KV_TR2 355582 | 30.61 2.31 -0.11 | 26.54 1.90 0.00 | 24.99 1.79 0.00 | 24.42 1.79 0.00 | 24.05 1.66 0.00 | 24.54 1.78 0.00 | 25.61 1.81 0.00 | 32.53 2.05 -4.54 | 34.27 2.16 -4.01 | 36.60 2.49 -1.74 | 36.09 2.31 -0.79 | 37.10 2.37 -0.31 | 38.79 2.63 -0.55 | 41.01 2.86 -0.45 | 42.54 2.97 -0.42 | 45.90 3.35 -0.70 | 51.02 3.50 -3.77 | 53.38 3.70 -3.41 | 47.41 3.08 -0.32 | 42.89 2.58 0.00 | 37.00 1.86 0.00 | 35.37 1.81 0.00 | 31.91 1.91 -0.23 | 28.53 1.69 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 30.11 2.12 0.19 | 26.42 1.78 0.00 | 24.87 1.67 0.00 | 24.31 1.67 0.00 | 24.02 1.63 0.00 | 24.52 1.75 0.00 | 25.59 1.79 0.00 | 32.67 2.00 -4.73 | 40.00 2.22 -9.68 | 37.30 2.59 -2.35 | 35.75 2.71 -0.05 | 36.65 2.75 0.52 | 37.51 2.81 0.91 | 39.88 2.94 0.75 | 41.61 3.17 0.70 | 43.99 3.31 1.16 | 52.12 3.59 -4.79 | 55.15 3.79 -5.09 | 46.60 3.17 0.58 | 43.13 2.82 0.00 | 37.56 2.42 0.00 | 35.77 2.21 0.00 | 31.27 1.91 0.41 | 28.64 1.80 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 27.68 -0.51 0.00 | 24.37 -0.27 0.00 | 22.78 -0.42 0.00 | 22.09 -0.54 0.00 | 21.92 -0.47 0.00 | 22.52 -0.25 0.00 | 23.73 -0.07 0.00 | 26.34 -0.23 -0.63 | 28.37 -0.28 -0.55 | 32.25 -0.29 -0.18 | 33.20 0.17 -0.05 | 34.52 0.10 0.00 | 35.71 0.11 0.00 | 37.92 0.23 0.00 | 38.95 -0.19 0.00 | 41.89 0.04 0.00 | 44.03 -0.09 -0.37 | 46.63 0.00 -0.36 | 44.01 0.00 0.00 | 40.55 0.24 0.00 | 35.84 0.70 0.00 | 34.19 0.64 0.00 | 30.40 0.63 0.00 | 27.00 0.16 0.00 |
| NEG CENTRAL___DRP 24199 | 28.44 0.25 0.00 | 24.94 0.30 0.00 | 23.36 0.16 0.00 | 22.70 0.07 0.00 | 22.52 0.13 0.00 | 23.13 0.36 0.00 | 24.30 0.50 0.00 | 27.02 0.39 -0.69 | 29.16 0.45 -0.61 | 33.11 0.55 -0.20 | 33.83 0.79 -0.05 | 35.24 0.83 0.00 | 36.39 0.78 0.00 | 38.29 0.60 0.00 | 39.81 0.67 0.00 | 42.61 0.75 0.00 | 45.03 0.87 -0.41 | 47.59 0.93 -0.40 | 44.84 0.84 0.00 | 41.16 0.85 0.00 | 36.19 1.05 0.00 | 34.67 1.11 0.00 | 30.55 0.77 0.00 | 27.54 0.70 0.00 |
| NEG CENTRAL___INDECK 23768 | 29.09 0.90 0.00 | 25.65 1.01 0.00 | 23.92 0.72 0.00 | 23.15 0.52 0.00 | 23.01 0.63 0.00 | 23.77 1.00 0.00 | 25.06 1.26 0.00 | 27.53 0.67 -0.92 | 29.56 0.62 -0.84 | 33.34 0.71 -0.27 | 34.38 1.32 -0.07 | 34.45 0.03 0.00 | 35.50 -0.11 0.00 | 37.99 0.30 0.00 | 39.10 -0.04 0.00 | 42.10 0.25 0.00 | 44.66 0.35 -0.57 | 47.60 0.79 -0.55 | 44.97 0.97 0.00 | 41.88 1.57 0.00 | 37.24 2.11 0.00 | 35.57 2.01 0.00 | 32.39 2.62 0.00 | 28.67 1.83 0.00 |
| NEG CENTRAL___SENECA 23627 | 28.55 0.37 0.00 | 25.06 0.42 0.00 | 23.43 0.23 0.00 | 22.75 0.11 0.00 | 22.57 0.18 0.00 | 23.24 0.48 0.00 | 24.49 0.69 0.00 | 27.20 0.49 -0.77 | 29.38 0.59 -0.69 | 33.29 0.71 -0.22 | 34.07 1.02 -0.06 | 35.45 1.03 0.00 | 36.57 0.96 0.00 | 38.44 0.75 0.00 | 39.92 0.78 0.00 | 42.77 0.92 0.00 | 45.35 1.14 -0.47 | 47.92 1.20 -0.45 | 45.06 1.06 0.00 | 41.44 1.13 0.00 | 36.50 1.37 0.00 | 35.00 1.44 0.00 | 30.81 1.04 0.00 | 27.78 0.94 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 28.70 0.51 0.00 | 25.19 0.54 0.00 | 23.62 0.42 0.00 | 22.97 0.34 0.00 | 22.77 0.38 0.00 | 23.36 0.59 0.00 | 24.47 0.67 0.00 | 27.29 0.67 -0.67 | 29.49 0.79 -0.60 | 33.53 0.97 -0.19 | 34.00 0.96 -0.05 | 35.45 1.03 0.00 | 36.64 1.03 0.00 | 38.90 1.21 0.00 | 40.35 1.21 0.00 | 43.19 1.34 0.00 | 45.55 1.40 -0.41 | 48.14 1.48 -0.39 | 45.37 1.36 0.00 | 41.56 1.25 0.00 | 36.47 1.34 0.00 | 34.90 1.34 0.00 | 30.75 0.98 0.00 | 27.70 0.86 0.00 |
| NEG MILLWOOD___DRP 24198 | 30.82 2.51 -0.12 | 26.74 2.09 0.00 | 25.15 1.95 0.00 | 24.60 1.97 0.00 | 24.22 1.84 0.00 | 24.70 1.94 0.00 | 25.78 1.98 0.00 | 32.95 2.39 -4.62 | 34.75 2.59 -4.06 | 37.33 3.14 -1.82 | 36.88 3.04 -0.86 | 37.80 3.03 -0.36 | 39.33 3.10 -0.62 | 41.60 3.39 -0.51 | 43.14 3.52 -0.48 | 46.62 3.98 -0.79 | 51.77 4.07 -3.95 | 54.31 4.49 -3.55 | 48.16 3.78 -0.37 | 43.49 3.18 0.00 | 37.38 2.25 0.00 | 35.71 2.15 0.00 | 32.15 2.11 -0.26 | 28.72 1.88 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 27.74 -0.45 0.00 | 24.37 -0.27 0.00 | 23.18 -0.02 0.00 | 22.54 -0.09 0.00 | 22.43 0.04 0.00 | 22.97 0.20 0.00 | 24.04 0.24 0.00 | 26.25 0.31 0.00 | 28.52 0.42 0.00 | 32.78 0.42 0.00 | 33.29 0.30 0.00 | 34.73 0.31 0.00 | 36.07 0.46 0.00 | 38.41 0.72 0.00 | 39.69 0.55 0.00 | 42.23 0.38 0.00 | 43.96 0.22 0.00 | 46.68 0.42 0.00 | 44.27 0.26 0.00 | 40.83 0.52 0.00 | 35.94 0.81 0.00 | 34.26 0.70 0.00 | 30.16 0.39 0.00 | 27.08 0.24 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 27.40 -0.79 0.00 | 24.08 -0.57 0.00 | 22.90 -0.30 0.00 | 22.29 -0.34 0.00 | 22.16 -0.22 0.00 | 22.68 -0.09 0.00 | 23.73 -0.07 0.00 | 25.94 0.00 0.00 | 28.16 0.06 0.00 | 32.36 0.00 0.00 | 32.89 -0.10 0.00 | 34.31 -0.10 0.00 | 35.61 0.00 0.00 | 37.88 0.19 0.00 | 39.18 0.04 0.00 | 41.68 -0.17 0.00 | 43.39 -0.35 0.00 | 46.13 -0.14 0.00 | 43.74 -0.26 0.00 | 40.31 0.00 0.00 | 35.45 0.32 0.00 | 33.79 0.23 0.00 | 29.77 0.00 0.00 | 26.73 -0.11 0.00 |

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| NEG NORTH___ALICE_FALLS 23915 | 27.68 -0.51 0.00 | 24.30 -0.35 0.00 | 23.15 -0.05 0.00 | 22.50 -0.14 0.00 | 22.39 0.00 0.00 | 22.93 0.16 0.00 | 23.99 0.19 0.00 | 26.20 0.26 0.00 | 28.46 0.37 0.00 | 32.72 0.36 0.00 | 33.22 0.23 0.00 | 34.66 0.24 0.00 | 36.00 0.39 0.00 | 38.33 0.64 0.00 | 39.61 0.47 0.00 | 42.10 0.25 0.00 | 43.83 0.09 0.00 | 46.59 0.32 0.00 | 44.14 0.13 0.00 | 40.75 0.44 0.00 | 35.91 0.77 0.00 | 34.26 0.70 0.00 | 30.10 0.33 0.00 | 27.03 0.19 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 27.68 -0.51 0.00 | 24.30 -0.35 0.00 | 23.15 -0.05 0.00 | 22.50 -0.14 0.00 | 22.39 0.00 0.00 | 22.93 0.16 0.00 | 23.99 0.19 0.00 | 26.20 0.26 0.00 | 28.46 0.37 0.00 | 32.72 0.36 0.00 | 33.22 0.23 0.00 | 34.66 0.24 0.00 | 36.00 0.39 0.00 | 38.33 0.64 0.00 | 39.61 0.47 0.00 | 42.10 0.25 0.00 | 43.83 0.09 0.00 | 46.59 0.32 0.00 | 44.14 0.13 0.00 | 40.75 0.44 0.00 | 35.91 0.77 0.00 | 34.26 0.70 0.00 | 30.10 0.33 0.00 | 27.03 0.19 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 27.68 -0.51 0.00 | 24.30 -0.35 0.00 | 23.15 -0.05 0.00 | 22.50 -0.13 0.00 | 22.39 0.00 0.00 | 22.93 0.16 0.00 | 23.99 0.19 0.00 | 26.20 0.26 0.00 | 28.46 0.36 0.00 | 32.72 0.36 0.00 | 33.22 0.23 0.00 | 34.66 0.24 0.00 | 36.00 0.39 0.00 | 38.14 0.45 0.00 | 39.61 0.47 0.00 | 42.06 0.21 0.00 | 43.83 0.09 0.00 | 46.50 0.23 0.00 | 44.23 0.22 0.00 | 40.75 0.44 0.00 | 35.91 0.77 0.00 | 34.26 0.71 0.00 | 30.10 0.33 0.00 | 27.03 0.19 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 27.54 -0.65 0.00 | 24.42 -0.22 0.00 | 22.71 -0.49 0.00 | 21.89 -0.75 0.00 | 21.69 -0.69 0.00 | 22.54 -0.23 0.00 | 23.99 0.19 0.00 | 26.12 -0.62 -0.80 | 28.18 -0.65 -0.72 | 31.75 -0.84 -0.23 | 32.72 -0.33 -0.06 | 34.07 -0.34 0.00 | 35.11 -0.50 0.00 | 36.67 -1.02 0.00 | 38.40 -0.74 0.00 | 41.14 -0.71 0.00 | 43.97 -0.26 -0.49 | 46.46 -0.28 -0.48 | 43.79 -0.22 0.00 | 40.43 0.12 0.00 | 35.98 0.84 0.00 | 34.46 0.91 0.00 | 30.07 0.30 0.00 | 27.38 0.54 0.00 |
| NEG WEST___LANCASTR 23811 | 27.93 -0.25 0.00 | 24.74 0.10 0.00 | 23.01 -0.19 0.00 | 22.20 -0.43 0.00 | 22.01 -0.38 0.00 | 22.84 0.07 0.00 | 24.28 0.48 0.00 | 25.97 -0.91 -0.94 | 28.76 -0.20 -0.86 | 32.44 -0.19 -0.28 | 33.36 0.30 -0.07 | 34.79 0.38 0.00 | 35.75 0.14 0.00 | 37.54 -0.15 0.00 | 39.30 0.16 0.00 | 42.06 0.21 0.00 | 44.98 0.66 -0.58 | 47.57 0.74 -0.57 | 44.62 0.62 0.00 | 41.04 0.73 0.00 | 36.33 1.19 0.00 | 34.87 1.31 0.00 | 30.43 0.65 0.00 | 27.70 0.86 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 28.75 0.56 0.00 | 25.21 0.57 0.00 | 23.64 0.44 0.00 | 22.99 0.36 0.00 | 22.77 0.38 0.00 | 23.47 0.71 0.00 | 24.66 0.86 0.00 | 28.34 0.70 -1.70 | 30.61 0.84 -1.66 | 33.93 1.04 -0.53 | 34.42 1.29 -0.14 | 35.76 1.34 0.00 | 36.96 1.35 0.00 | 39.16 1.47 0.00 | 40.51 1.37 0.00 | 43.48 1.63 0.00 | 46.62 1.75 -1.13 | 49.35 1.99 -1.10 | 45.46 1.45 0.00 | 41.68 1.37 0.00 | 36.43 1.30 0.00 | 34.80 1.24 0.00 | 30.93 1.16 0.00 | 27.75 0.91 0.00 |
| NEG___GEN_MONROE 24207 | 28.22 0.03 0.00 | 24.91 0.27 0.00 | 23.22 0.02 0.00 | 22.47 -0.16 0.00 | 22.32 -0.07 0.00 | 23.02 0.25 0.00 | 24.30 0.50 0.00 | 26.76 0.16 -0.66 | 28.74 0.06 -0.58 | 32.42 -0.13 -0.19 | 33.40 0.36 -0.05 | 34.73 0.31 0.00 | 35.86 0.25 0.00 | 37.46 -0.23 0.00 | 39.10 -0.04 0.00 | 41.85 0.00 0.00 | 44.49 0.35 -0.39 | 46.92 0.28 -0.38 | 44.32 0.31 0.00 | 40.87 0.56 0.00 | 36.22 1.09 0.00 | 34.63 1.07 0.00 | 30.34 0.57 0.00 | 27.48 0.64 0.00 |
| NEPA___ENERGY 23901 | 28.36 0.17 0.00 | 25.11 0.47 0.00 | 23.38 0.19 0.00 | 22.56 -0.07 0.00 | 22.34 -0.04 0.00 | 23.20 0.43 0.00 | 24.66 0.86 0.00 | 26.92 0.03 -0.95 | 29.25 0.28 -0.87 | 33.03 0.39 -0.28 | 33.95 0.89 -0.07 | 35.38 0.96 0.00 | 36.39 0.78 0.00 | 38.26 0.57 0.00 | 40.00 0.86 0.00 | 42.86 1.00 0.00 | 45.82 1.49 -0.59 | 48.41 1.57 -0.57 | 45.46 1.45 0.00 | 41.80 1.49 0.00 | 36.96 1.83 0.00 | 35.44 1.88 0.00 | 30.96 1.19 0.00 | 28.10 1.26 0.00 |
| NEVERSINK___HYD 23608 | 30.20 1.94 -0.07 | 26.24 1.60 0.00 | 24.66 1.46 0.00 | 24.10 1.47 0.00 | 23.71 1.32 0.00 | 24.27 1.50 0.00 | 25.35 1.55 0.00 | 31.60 1.71 -3.95 | 33.55 1.80 -3.65 | 35.88 2.07 -1.44 | 35.38 1.81 -0.58 | 36.56 1.96 -0.19 | 38.14 2.21 -0.33 | 40.30 2.34 -0.27 | 41.97 2.58 -0.25 | 45.15 2.89 -0.42 | 49.95 3.11 -3.10 | 52.46 3.33 -2.86 | 46.81 2.60 -0.21 | 42.44 2.13 0.00 | 36.72 1.58 0.00 | 35.14 1.58 0.00 | 31.41 1.49 -0.15 | 28.29 1.45 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 29.11 1.07 0.15 | 25.48 0.84 0.00 | 24.03 0.84 0.00 | 23.52 0.88 0.00 | 23.22 0.83 0.00 | 23.68 0.91 0.00 | 24.70 0.90 0.00 | 31.73 1.04 -4.75 | 36.78 1.15 -7.53 | 35.55 1.36 -1.83 | 34.38 1.35 -0.04 | 35.38 1.38 0.41 | 36.33 1.42 0.71 | 38.61 1.51 0.59 | 40.20 1.60 0.55 | 42.66 1.72 0.90 | 49.27 1.79 -3.73 | 52.12 1.90 -3.96 | 44.95 1.41 0.47 | 41.48 1.17 0.00 | 36.01 0.88 0.00 | 34.30 0.74 0.00 | 30.24 0.80 0.33 | 27.56 0.72 0.00 |
| NEWTON___FALLS_HYD 23847 | 27.29 -0.90 0.00 | 23.85 -0.79 0.00 | 22.39 -0.81 0.00 | 21.95 -0.68 0.00 | 21.72 -0.67 0.00 | 22.13 -0.64 0.00 | 23.09 -0.71 0.00 | 25.30 -0.78 -0.14 | 27.28 -0.81 0.00 | 31.42 -0.94 0.00 | 31.94 -1.06 0.00 | 33.31 -1.10 0.00 | 34.50 -1.10 0.00 | 36.56 -1.13 0.00 | 37.93 -1.21 0.00 | 40.39 -1.46 0.00 | 41.95 -1.79 0.00 | 44.55 -1.71 0.00 | 42.69 -1.32 0.00 | 39.26 -1.05 0.00 | 34.47 -0.67 0.00 | 33.02 -0.54 0.00 | 29.09 -0.68 0.00 | 26.12 -0.72 0.00 |
| NGRID_A1_DSASP 323792 | 26.92 -1.27 0.00 | 24.08 -0.57 0.00 | 22.25 -0.95 0.00 | 21.45 -1.18 0.00 | 21.31 -1.07 0.00 | 22.02 -0.75 0.00 | 23.47 -0.33 0.00 | 25.67 -1.09 -0.82 | 27.60 -1.24 -0.74 | 31.08 -1.52 -0.24 | 32.26 -0.79 -0.06 | 33.38 -1.03 0.00 | 34.50 -1.10 0.00 | 36.75 -0.94 0.00 | 37.50 -1.64 0.00 | 40.64 -1.22 0.00 | 42.93 -1.31 -0.50 | 45.60 -1.15 -0.49 | 42.95 -1.06 0.00 | 39.83 -0.48 0.00 | 35.27 0.14 0.00 | 33.66 0.10 0.00 | 30.25 0.47 0.00 | 26.73 -0.11 0.00 |
| NGRID_A2_DSASP 323793 | 26.92 -1.27 0.00 | 24.08 -0.57 0.00 | 22.25 -0.95 0.00 | 21.45 -1.18 0.00 | 21.31 -1.07 0.00 | 22.02 -0.75 0.00 | 23.47 -0.33 0.00 | 25.67 -1.09 -0.82 | 27.60 -1.24 -0.74 | 31.08 -1.52 -0.24 | 32.26 -0.79 -0.06 | 33.38 -1.03 0.00 | 34.50 -1.10 0.00 | 36.75 -0.94 0.00 | 37.50 -1.64 0.00 | 40.64 -1.22 0.00 | 42.93 -1.31 -0.50 | 45.60 -1.15 -0.49 | 42.95 -1.06 0.00 | 39.83 -0.48 0.00 | 35.27 0.14 0.00 | 33.66 0.10 0.00 | 30.25 0.47 0.00 | 26.73 -0.11 0.00 |
| NGRID_A4_DSASP 323807 | 26.92 -1.27 0.00 | 24.08 -0.57 0.00 | 22.39 -0.81 0.00 | 21.59 -1.04 0.00 | 21.38 -1.01 0.00 | 22.02 -0.75 0.00 | 23.47 -0.33 0.00 | 25.64 -1.12 -0.82 | 27.60 -1.24 -0.74 | 31.01 -1.59 -0.24 | 31.93 -1.12 -0.06 | 33.25 -1.17 0.00 | 34.25 -1.35 0.00 | 35.77 -1.92 0.00 | 37.50 -1.64 0.00 | 40.18 -1.67 0.00 | 43.02 -1.22 -0.50 | 45.45 -1.30 -0.49 | 42.82 -1.19 0.00 | 39.50 -0.81 0.00 | 35.13 0.00 0.00 | 33.66 0.10 0.00 | 29.35 -0.42 0.00 | 26.73 -0.11 0.00 |
| NIAGARA_115E_LBMP 323715 | 27.12 -1.07 0.00 | 23.98 -0.66 0.00 | 22.41 -0.79 0.00 | 21.61 -1.02 0.00 | 21.47 -0.92 0.00 | 22.17 -0.59 0.00 | 23.61 -0.19 0.00 | 25.69 -1.06 -0.82 | 27.66 -1.18 -0.74 | 31.18 -1.42 -0.24 | 32.36 -0.69 -0.06 | 33.49 -0.93 0.00 | 34.61 -1.00 0.00 | 36.86 -0.83 0.00 | 37.65 -1.49 0.00 | 40.76 -1.09 0.00 | 43.07 -1.18 -0.50 | 45.73 -1.02 -0.49 | 43.08 -0.93 0.00 | 39.99 -0.32 0.00 | 35.41 0.28 0.00 | 33.79 0.24 0.00 | 30.37 0.60 0.00 | 26.89 0.05 0.00 |

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| NIAGARA_115W_LBMP 323714 | 26.81 -1.38 0.00 | 23.98 -0.66 0.00 | 22.16 -1.04 0.00 | 21.37 -1.27 0.00 | 21.22 -1.17 0.00 | 21.90 -0.87 0.00 | 23.35 -0.45 0.00 | 25.56 -1.19 -0.81 | 27.46 -1.38 -0.73 | 30.95 -1.65 -0.24 | 32.10 -0.96 -0.06 | 33.21 -1.21 0.00 | 34.36 -1.25 0.00 | 36.56 -1.13 0.00 | 37.34 -1.80 0.00 | 40.43 -1.42 0.00 | 42.75 -1.49 -0.50 | 45.36 -1.39 -0.48 | 42.73 -1.28 0.00 | 39.71 -0.60 0.00 | 35.17 0.04 0.00 | 33.56 0.00 0.00 | 30.16 0.39 0.00 | 26.65 -0.19 0.00 |
| NIAGARA_230_LBMP 323716 | 27.23 -0.96 0.00 | 24.17 -0.47 0.00 | 22.48 -0.72 0.00 | 21.68 -0.95 0.00 | 21.54 -0.85 0.00 | 22.24 -0.52 0.00 | 23.71 -0.09 0.00 | 25.91 -0.83 -0.80 | 27.87 -0.96 -0.72 | 31.40 -1.20 -0.23 | 32.59 -0.46 -0.06 | 33.76 -0.65 0.00 | 34.86 -0.75 0.00 | 37.13 -0.56 0.00 | 37.93 -1.21 0.00 | 41.06 -0.80 0.00 | 43.40 -0.83 -0.49 | 46.05 -0.69 -0.48 | 43.39 -0.62 0.00 | 40.23 -0.08 0.00 | 35.63 0.49 0.00 | 33.99 0.44 0.00 | 30.54 0.77 0.00 | 27.03 0.19 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 26.81 -1.38 0.00 | 24.00 -0.64 0.00 | 22.32 -0.88 0.00 | 21.50 -1.13 0.00 | 21.31 -1.07 0.00 | 21.92 -0.84 0.00 | 23.35 -0.45 0.00 | 25.54 -1.22 -0.82 | 27.46 -1.38 -0.74 | 30.88 -1.72 -0.24 | 31.77 -1.29 -0.06 | 33.11 -1.31 0.00 | 34.11 -1.50 0.00 | 35.62 -2.07 0.00 | 37.30 -1.84 0.00 | 39.97 -1.88 0.00 | 42.84 -1.40 -0.50 | 45.27 -1.48 -0.48 | 42.60 -1.41 0.00 | 39.38 -0.93 0.00 | 35.03 -0.11 0.00 | 33.56 0.00 0.00 | 29.27 -0.51 0.00 | 26.65 -0.19 0.00 |
| NIAGARA____ 23760 | 26.95 -1.24 0.00 | 23.98 -0.66 0.00 | 22.25 -0.95 0.00 | 21.45 -1.18 0.00 | 21.31 -1.07 0.00 | 22.02 -0.75 0.00 | 23.47 -0.33 0.00 | 25.69 -1.06 -0.81 | 27.63 -1.21 -0.73 | 31.14 -1.46 -0.24 | 32.33 -0.73 -0.06 | 33.49 -0.93 0.00 | 34.61 -1.00 0.00 | 36.86 -0.83 0.00 | 37.65 -1.49 0.00 | 40.76 -1.09 0.00 | 43.10 -1.14 -0.50 | 45.77 -0.97 -0.48 | 43.13 -0.88 0.00 | 39.99 -0.32 0.00 | 35.41 0.28 0.00 | 33.79 0.24 0.00 | 30.28 0.51 0.00 | 26.76 -0.08 0.00 |
| NINE_MILE_1 23575 | 27.40 -0.79 0.00 | 23.98 -0.66 0.00 | 22.55 -0.65 0.00 | 22.00 -0.63 0.00 | 21.76 -0.63 0.00 | 22.20 -0.57 0.00 | 23.23 -0.57 0.00 | 25.59 -0.67 -0.33 | 27.34 -0.76 0.00 | 31.49 -0.87 0.00 | 32.23 -0.76 0.00 | 33.63 -0.79 0.00 | 34.75 -0.85 0.00 | 36.83 -0.87 0.00 | 38.12 -1.02 0.00 | 40.81 -1.04 0.00 | 42.65 -1.09 0.00 | 45.15 -1.11 0.00 | 42.95 -1.06 0.00 | 39.38 -0.93 0.00 | 34.43 -0.70 0.00 | 32.89 -0.67 0.00 | 29.20 -0.57 0.00 | 26.25 -0.59 0.00 |
| NINE_MILE_2 23744 | 27.40 -0.79 0.00 | 24.00 -0.64 0.00 | 22.55 -0.65 0.00 | 22.00 -0.63 0.00 | 21.79 -0.60 0.00 | 22.20 -0.57 0.00 | 23.23 -0.57 0.00 | 25.59 -0.67 -0.33 | 27.34 -0.76 0.00 | 31.49 -0.87 0.00 | 32.23 -0.76 0.00 | 33.63 -0.79 0.00 | 34.75 -0.85 0.00 | 36.83 -0.87 0.00 | 38.12 -1.02 0.00 | 40.81 -1.04 0.00 | 42.65 -1.09 0.00 | 45.15 -1.11 0.00 | 42.95 -1.06 0.00 | 39.38 -0.93 0.00 | 34.43 -0.70 0.00 | 32.89 -0.67 0.00 | 29.20 -0.57 0.00 | 26.25 -0.59 0.00 |
| NM_CAPITAL____DRP 24208 | 29.15 1.13 0.17 | 25.55 0.91 0.00 | 24.08 0.88 0.00 | 23.56 0.93 0.00 | 23.28 0.90 0.00 | 23.75 0.98 0.00 | 24.75 0.95 0.00 | 31.73 1.09 -4.70 | 36.74 1.21 -7.43 | 35.49 1.39 -1.73 | 34.35 1.39 0.03 | 35.38 1.41 0.45 | 36.29 1.46 0.78 | 38.63 1.58 0.64 | 40.18 1.64 0.60 | 42.66 1.80 0.99 | 49.15 1.88 -3.53 | 52.05 1.99 -3.79 | 44.99 1.50 0.51 | 41.56 1.25 0.00 | 36.05 0.91 0.00 | 34.36 0.81 0.00 | 30.27 0.86 0.36 | 27.62 0.78 0.00 |
| NM_CENTRAL____DRP 24181 | 28.02 -0.17 0.00 | 24.54 -0.10 0.00 | 23.06 -0.14 0.00 | 22.45 -0.18 0.00 | 22.25 -0.13 0.00 | 22.72 -0.05 0.00 | 23.80 0.00 0.00 | 26.36 -0.05 -0.47 | 28.40 -0.08 -0.39 | 32.39 -0.10 -0.12 | 33.09 0.07 -0.03 | 34.48 0.07 0.00 | 35.68 0.07 0.00 | 37.69 0.00 0.00 | 39.10 -0.04 0.00 | 41.85 0.00 0.00 | 44.01 0.00 -0.26 | 46.52 0.00 -0.25 | 43.96 -0.04 0.00 | 40.31 0.00 0.00 | 35.27 0.14 0.00 | 33.73 0.17 0.00 | 29.83 0.06 0.00 | 26.92 0.08 0.00 |
| NM_FRONTIER____DRP 24179 | 26.81 -1.38 0.00 | 24.00 -0.64 0.00 | 22.32 -0.88 0.00 | 21.50 -1.13 0.00 | 21.31 -1.07 0.00 | 21.92 -0.84 0.00 | 23.35 -0.45 0.00 | 25.54 -1.22 -0.82 | 27.46 -1.38 -0.74 | 30.88 -1.72 -0.24 | 31.77 -1.29 -0.06 | 33.11 -1.31 0.00 | 34.11 -1.50 0.00 | 35.62 -2.07 0.00 | 37.30 -1.84 0.00 | 39.97 -1.88 0.00 | 42.84 -1.40 -0.50 | 45.27 -1.48 -0.48 | 42.60 -1.41 0.00 | 39.38 -0.93 0.00 | 35.03 -0.11 0.00 | 33.56 0.00 0.00 | 29.27 -0.51 0.00 | 26.65 -0.19 0.00 |
| NM_ST_REGIS____HYD 24053 | 26.95 -1.24 0.00 | 23.56 -1.08 0.00 | 22.29 -0.90 0.00 | 21.75 -0.88 0.00 | 21.56 -0.83 0.00 | 21.97 -0.80 0.00 | 22.92 -0.88 0.00 | 25.01 -0.93 0.00 | 27.17 -0.93 0.00 | 31.23 -1.13 0.00 | 31.77 -1.22 0.00 | 33.14 -1.27 0.00 | 34.36 -1.25 0.00 | 36.45 -1.24 0.00 | 37.77 -1.37 0.00 | 40.18 -1.67 0.00 | 41.78 -1.97 0.00 | 44.32 -1.94 0.00 | 42.16 -1.85 0.00 | 38.78 -1.53 0.00 | 34.11 -1.02 0.00 | 32.62 -0.94 0.00 | 28.73 -1.04 0.00 | 25.79 -1.05 0.00 |
| NORTHPORT____1 23551 | 38.16 3.05 -6.92 | 37.41 2.64 -10.13 | 36.43 2.48 -10.75 | 29.63 2.47 -4.53 | 29.75 2.40 -4.96 | 30.36 2.50 -5.09 | 33.46 2.64 -7.02 | 36.29 3.09 -7.27 | 37.45 3.26 -6.09 | 38.00 3.66 -1.98 | 36.22 2.41 -0.82 | 38.09 2.75 -0.92 | 40.38 3.02 -1.74 | 35.04 2.79 5.44 | 40.87 3.21 1.48 | 44.21 3.64 1.29 | 50.09 3.76 -2.58 | 44.15 3.93 6.04 | 44.79 2.99 2.21 | 42.85 2.54 0.00 | 32.75 1.54 3.92 | 33.87 1.61 1.30 | 31.76 1.76 -0.23 | 30.82 2.44 -1.54 |
| NORTHPORT____2 23552 | 38.16 3.05 -6.92 | 37.41 2.64 -10.13 | 36.43 2.48 -10.75 | 29.63 2.47 -4.53 | 29.75 2.40 -4.96 | 30.36 2.50 -5.09 | 33.46 2.64 -7.02 | 36.29 3.09 -7.27 | 37.45 3.26 -6.09 | 38.00 3.66 -1.98 | 36.22 2.41 -0.82 | 38.09 2.75 -0.92 | 40.38 3.02 -1.74 | 35.04 2.79 5.44 | 40.87 3.21 1.48 | 44.21 3.64 1.29 | 50.09 3.76 -2.58 | 44.15 3.93 6.04 | 44.79 2.99 2.21 | 42.85 2.54 0.00 | 32.75 1.54 3.92 | 33.87 1.61 1.30 | 31.76 1.76 -0.23 | 30.82 2.44 -1.54 |
| NORTHPORT____3 23553 | 37.64 2.54 -6.91 | 36.99 2.22 -10.13 | 36.04 2.09 -10.75 | 29.24 2.08 -4.53 | 29.34 1.99 -4.96 | 29.95 2.09 -5.09 | 33.03 2.21 -7.02 | 35.88 2.67 -7.27 | 36.97 2.78 -6.09 | 37.48 3.14 -1.98 | 36.11 2.31 -0.81 | 38.01 2.69 -0.91 | 40.30 2.95 -1.74 | 35.03 2.79 5.45 | 40.87 3.21 1.48 | 44.16 3.60 1.29 | 50.03 3.72 -2.57 | 44.10 3.89 6.05 | 44.74 2.95 2.22 | 42.76 2.46 0.01 | 33.89 1.44 2.68 | 34.20 1.54 0.90 | 31.55 1.52 -0.26 | 30.62 2.25 -1.53 |
| NORTHPORT____4 23650 | 37.64 2.54 -6.91 | 36.99 2.22 -10.13 | 36.04 2.09 -10.75 | 29.24 2.08 -4.53 | 29.34 1.99 -4.96 | 29.95 2.09 -5.09 | 33.03 2.21 -7.02 | 35.88 2.67 -7.27 | 36.97 2.78 -6.09 | 37.48 3.14 -1.98 | 36.11 2.31 -0.81 | 38.01 2.69 -0.91 | 40.30 2.95 -1.74 | 35.03 2.79 5.45 | 40.87 3.21 1.48 | 44.16 3.60 1.29 | 50.03 3.72 -2.57 | 44.10 3.89 6.05 | 44.74 2.95 2.22 | 42.76 2.46 0.01 | 33.89 1.44 2.68 | 34.20 1.54 0.90 | 31.55 1.52 -0.26 | 30.62 2.25 -1.53 |
| NORTHPORT____IC 23718 | 38.16 3.05 -6.92 | 37.41 2.64 -10.13 | 36.43 2.48 -10.75 | 29.63 2.47 -4.53 | 29.75 2.40 -4.96 | 30.36 2.50 -5.09 | 33.46 2.64 -7.02 | 36.29 3.09 -7.27 | 37.45 3.26 -6.09 | 38.00 3.66 -1.98 | 36.22 2.41 -0.82 | 38.09 2.75 -0.92 | 40.38 3.02 -1.74 | 35.04 2.79 5.44 | 40.87 3.21 1.48 | 44.21 3.64 1.29 | 50.09 3.76 -2.58 | 44.15 3.93 6.04 | 44.79 2.99 2.21 | 42.85 2.54 0.00 | 32.75 1.54 3.92 | 33.87 1.61 1.30 | 31.76 1.76 -0.23 | 30.82 2.44 -1.54 |

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|-------------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| NORTH__COUNTRY_ESR 323785 | 27.31 -0.87 0.00 | 24.00 -0.64 0.00 | 22.83 -0.37 0.00 | 22.23 -0.41 0.00 | 22.10 -0.29 0.00 | 22.61 -0.16 0.00 | 23.66 -0.14 0.00 | 25.86 -0.08 0.00 | 28.10 0.00 0.00 | 32.30 -0.06 0.00 | 32.83 -0.16 0.00 | 34.24 -0.17 0.00 | 35.54 -0.07 0.00 | 37.65 -0.04 0.00 | 39.10 -0.04 0.00 | 41.56 -0.29 0.00 | 43.35 -0.39 0.00 | 45.94 -0.32 0.00 | 43.75 -0.26 0.00 | 40.23 -0.08 0.00 | 35.31 0.18 0.00 | 33.69 0.13 0.00 | 29.65 -0.12 0.00 | 26.68 -0.16 0.00 |
| NPX_GEN_1385_PROXY 323591 | 35.81 2.09 -5.54 | 32.60 1.85 -6.11 | 31.00 1.74 -6.06 | 29.40 2.24 -4.53 | 29.50 2.15 -4.96 | 30.02 2.16 -5.09 | 33.38 2.21 -7.36 | 35.25 2.39 -6.92 | 36.95 2.76 -6.09 | 36.94 3.17 -1.40 | 36.47 2.08 -1.40 | 37.78 2.44 -0.92 | 40.52 3.17 -1.74 | 35.00 2.75 5.44 | 41.50 3.84 1.48 | 45.00 4.43 1.29 | 51.05 4.73 -2.58 | 45.18 4.95 6.04 | 45.76 3.96 2.21 | 43.66 3.34 0.00 | 33.32 2.11 3.92 | 33.40 1.14 1.30 | 31.28 1.28 -0.23 | 30.44 2.07 -1.54 |
| NPX_GEN_CSC 323557 | 38.53 3.41 -6.93 | 37.60 2.83 -10.13 | 36.59 2.64 -10.75 | 29.74 2.58 -4.53 | 29.84 2.48 -4.96 | 30.47 2.62 -5.09 | 33.95 2.78 -7.36 | 36.16 3.29 -6.92 | 37.80 3.60 -6.10 | 37.85 4.08 -1.41 | 38.70 3.17 -2.54 | 38.89 3.55 -0.93 | 45.01 3.85 -5.56 | 109.96 3.62 -68.65 | 66.37 4.03 -23.19 | 73.40 4.52 -27.02 | 69.41 4.73 -20.94 | 164.01 5.00 -112.75 | 78.37 3.96 -30.40 | 43.83 3.47 -0.06 | 48.32 2.28 -10.91 | 40.38 2.38 -4.44 | 32.65 2.32 -0.55 | 31.33 2.90 -1.59 |
| NSINS_S_GLNS_FALLS 23858 | 30.56 2.54 0.17 | 26.76 2.12 0.00 | 25.19 2.00 0.00 | 24.62 1.99 0.00 | 24.34 1.95 0.00 | 24.88 2.12 0.00 | 25.97 2.17 0.00 | 33.20 2.41 -4.84 | 40.90 2.73 -10.08 | 38.15 3.20 -2.58 | 36.65 3.46 -0.19 | 37.48 3.51 0.45 | 38.35 3.53 0.78 | 40.81 3.77 0.65 | 42.45 3.91 0.60 | 44.91 4.06 1.00 | 53.43 4.37 -5.31 | 56.38 4.58 -5.53 | 47.49 4.00 0.52 | 43.90 3.59 0.00 | 38.33 3.20 0.00 | 36.44 2.89 0.00 | 31.91 2.50 0.37 | 29.07 2.23 0.00 |
| NUCOR_STEEL__DRP 24197 | 28.50 0.31 0.00 | 25.01 0.37 0.00 | 23.48 0.28 0.00 | 22.84 0.20 0.00 | 22.64 0.25 0.00 | 23.20 0.43 0.00 | 24.30 0.50 0.00 | 27.05 0.47 -0.65 | 29.20 0.53 -0.57 | 33.22 0.68 -0.18 | 33.90 0.86 -0.05 | 35.34 0.93 0.00 | 36.53 0.93 0.00 | 38.56 0.87 0.00 | 40.04 0.90 0.00 | 42.86 1.00 0.00 | 45.18 1.05 -0.39 | 47.75 1.11 -0.38 | 45.02 1.01 0.00 | 41.24 0.93 0.00 | 36.19 1.05 0.00 | 34.63 1.07 0.00 | 30.52 0.74 0.00 | 27.51 0.67 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 28.02 -0.17 0.00 | 24.52 -0.12 0.00 | 22.83 -0.37 0.00 | 22.52 -0.11 0.00 | 22.28 -0.11 0.00 | 22.68 -0.09 0.00 | 23.68 -0.12 0.00 | 26.00 -0.13 -0.19 | 27.96 -0.14 0.00 | 32.23 -0.13 0.00 | 32.79 -0.20 0.00 | 34.24 -0.17 0.00 | 35.43 -0.18 0.00 | 37.47 -0.22 0.00 | 38.87 -0.27 0.00 | 41.47 -0.38 0.00 | 43.17 -0.57 0.00 | 45.85 -0.42 0.00 | 44.27 0.27 0.00 | 40.63 0.32 0.00 | 35.63 0.49 0.00 | 34.09 0.54 0.00 | 30.07 0.30 0.00 | 26.95 0.11 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 28.19 0.00 0.00 | 24.64 0.00 0.00 | 23.20 0.00 0.00 | 22.63 0.00 0.00 | 22.39 0.00 0.00 | 22.77 0.00 0.00 | 23.80 0.00 0.00 | 25.94 0.00 0.00 | 28.10 0.00 0.00 | 32.36 0.00 0.00 | 32.99 0.00 0.00 | 34.42 0.00 0.00 | 35.61 0.00 0.00 | 37.69 0.00 0.00 | 39.14 0.00 0.00 | 41.85 0.00 0.00 | 43.74 0.00 0.00 | 46.26 0.00 0.00 | 44.01 0.00 0.00 | 40.31 0.00 0.00 | 35.13 0.00 0.00 | 33.56 0.00 0.00 | 29.77 0.00 0.00 | 26.84 0.00 0.00 |
| NYPA_BRENTWD__GT 24164 | 38.72 3.61 -6.92 | 37.83 3.06 -10.13 | 36.80 2.85 -10.75 | 29.96 2.81 -4.53 | 30.08 2.73 -4.96 | 30.70 2.85 -5.09 | 33.87 3.05 -7.02 | 36.76 3.55 -7.27 | 38.01 3.82 -6.09 | 38.68 4.34 -1.98 | 37.32 3.20 -1.12 | 38.95 3.61 -0.92 | 42.30 3.92 -2.78 | 55.89 3.43 -14.77 | 48.27 3.88 -5.25 | 52.64 4.35 -6.43 | 55.83 4.51 -7.58 | 77.36 4.72 -26.37 | 54.43 3.74 -6.68 | 43.71 3.39 -0.01 | 84.27 2.39 -46.74 | 51.10 2.42 -15.13 | 33.44 2.50 -1.17 | 31.45 3.06 -1.55 |
| NYPA_GOWANUS__GT5 24156 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NYPA_GOWANUS__GT6 24157 | 31.32 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.21 0.00 | 24.81 2.17 0.00 | 24.49 2.10 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.41 2.85 -4.62 | 35.19 3.06 -4.03 | 37.89 3.66 -1.87 | 37.26 3.37 -0.90 | 38.39 3.58 -0.39 | 39.98 3.63 -0.74 | 42.01 3.70 -0.62 | 43.66 3.99 -0.53 | 82.06 4.39 -35.81 | 82.33 4.73 -33.86 | 78.70 4.95 -27.48 | 78.88 4.05 -30.83 | 78.47 3.51 -34.66 | 37.63 2.49 0.00 | 38.66 2.48 -2.62 | 38.45 2.35 -6.33 | 29.18 2.33 -0.01 |
| NYPA_HARLEM_RVR_GT1 24160 | 31.30 2.96 -0.15 | 27.09 2.44 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | 24.55 2.15 -0.01 | 24.86 2.09 0.00 | 25.92 2.12 0.00 | 33.26 2.70 -4.62 | 34.94 2.81 -4.03 | 37.62 3.40 -1.86 | 36.96 3.07 -0.90 | 38.03 3.23 -0.38 | 39.49 3.21 -0.67 | 41.45 3.20 -0.56 | 43.18 3.52 -0.52 | 46.61 3.89 -0.87 | 52.03 4.24 -4.04 | 54.27 4.40 -3.61 | 48.04 3.61 -0.43 | 43.33 3.02 0.01 | 37.27 2.14 0.01 | 35.67 2.12 0.01 | 32.12 2.05 -0.30 | 29.15 2.31 0.00 |
| NYPA_HARLEM_RVR_GT2 24161 | 31.30 2.96 -0.15 | 27.09 2.44 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | 24.55 2.15 -0.01 | 24.86 2.09 0.00 | 25.92 2.12 0.00 | 33.26 2.70 -4.62 | 34.94 2.81 -4.03 | 37.62 3.40 -1.86 | 36.96 3.07 -0.90 | 38.03 3.23 -0.38 | 39.49 3.21 -0.67 | 41.45 3.20 -0.56 | 43.18 3.52 -0.52 | 46.61 3.89 -0.87 | 52.03 4.24 -4.04 | 54.27 4.40 -3.61 | 48.04 3.61 -0.43 | 43.33 3.02 0.01 | 37.27 2.14 0.01 | 35.67 2.12 0.01 | 32.12 2.05 -0.30 | 29.15 2.31 0.00 |
| NYPA_KENT__GT 24152 | 31.27 2.93 -0.15 | 27.03 2.39 0.00 | 25.38 2.18 0.00 | 24.78 2.15 0.00 | 24.47 2.08 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.39 2.83 -4.62 | 35.14 3.01 -4.03 | 37.83 3.59 -1.87 | 37.19 3.30 -0.90 | 38.28 3.47 -0.39 | 39.85 3.53 -0.71 | 41.83 3.54 -0.60 | 43.54 3.88 -0.53 | 46.96 4.27 -0.84 | 69.41 4.55 -21.12 | 68.31 4.77 -17.28 | 65.71 3.87 -17.83 | 63.49 3.34 -19.84 | 37.52 2.39 0.00 | 37.44 2.38 -1.50 | 35.82 2.29 -3.75 | 29.12 2.28 0.00 |
| NYPA_POUCH1__GT 24155 | 31.27 2.93 -0.15 | 27.03 2.39 0.00 | 25.36 2.16 0.00 | 24.74 2.11 0.00 | 24.45 2.06 0.00 | 24.77 2.00 0.00 | 25.90 2.09 0.00 | 33.37 2.80 -4.63 | 35.11 2.98 -4.03 | 37.76 3.53 -1.87 | 37.09 3.20 -0.90 | 38.25 3.44 -0.39 | 39.81 3.49 -0.71 | 41.82 3.54 -0.59 | 43.54 3.88 -0.53 | 93.94 4.31 -47.78 | 88.93 4.63 -40.55 | 83.96 4.86 -32.84 | 85.63 3.96 -37.66 | 94.33 3.42 -50.60 | 37.60 2.46 0.00 | 39.19 2.42 -3.21 | 39.75 2.29 -7.68 | 29.13 2.28 -0.01 |
| NYPA_VERNON__GT2 24162 | 31.22 2.88 -0.15 | 26.99 2.34 0.00 | 25.36 2.16 0.00 | 24.76 2.13 0.00 | 24.45 2.06 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.34 2.78 -4.62 | 35.08 2.95 -4.03 | 37.76 3.53 -1.87 | 37.10 3.20 -0.90 | 38.22 3.41 -0.39 | 39.71 3.42 -0.69 | 41.69 3.43 -0.57 | 43.42 3.76 -0.53 | 46.86 4.14 -0.86 | 56.58 4.46 -8.37 | 58.01 4.67 -7.08 | 52.58 3.74 -4.84 | 48.56 3.23 -5.03 | 37.42 2.28 0.00 | 36.19 2.25 -0.38 | 33.15 2.20 -1.18 | 29.07 2.23 0.00 |

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|-------------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|
| NYPA_VERNON____GT3 24163 | 31.22 2.88 -0.15 | 26.99 2.34 0.00 | 25.36 2.16 0.00 | 24.76 2.13 0.00 | 24.45 2.06 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.34 2.78 -4.62 | 35.08 2.95 -4.03 | 37.76 3.53 -1.87 | 37.10 3.20 -0.90 | 38.22 3.41 -0.39 | 39.71 3.42 -0.69 | 41.69 3.43 -0.57 | 43.42 3.76 -0.53 | 46.86 4.14 -0.86 | 56.58 4.46 -8.37 | 58.01 4.67 -7.08 | 52.58 3.74 -4.84 | 48.56 3.23 -5.03 | 37.42 2.28 0.00 | 36.19 2.25 -0.38 | 33.15 2.20 -1.18 | 29.07 2.23 0.00 |
| NYPA____ASTORIA_CC1 323568 | 31.18 2.85 -0.15 | 26.96 2.32 0.00 | 25.33 2.13 0.00 | 24.74 2.11 0.00 | 24.43 2.04 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.28 2.72 -4.62 | 35.02 2.89 -4.03 | 37.70 3.46 -1.87 | 37.03 3.14 -0.90 | 38.14 3.34 -0.39 | 39.60 3.31 -0.68 | 41.57 3.32 -0.56 | 43.31 3.64 -0.53 | 46.74 4.02 -0.87 | 52.13 4.33 -4.05 | 54.42 4.54 -3.62 | 48.08 3.65 -0.43 | 43.41 3.10 0.00 | 37.35 2.21 0.00 | 35.74 2.18 0.00 | 32.22 2.14 -0.31 | 29.04 2.20 0.00 |
| NYPA____ASTORIA_CC2 323569 | 31.18 2.85 -0.15 | 26.96 2.32 0.00 | 25.33 2.13 0.00 | 24.74 2.11 0.00 | 24.43 2.04 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.28 2.72 -4.62 | 35.02 2.89 -4.03 | 37.70 3.46 -1.87 | 37.03 3.14 -0.90 | 38.14 3.34 -0.39 | 39.60 3.31 -0.68 | 41.57 3.32 -0.56 | 43.31 3.64 -0.53 | 46.74 4.02 -0.87 | 52.13 4.33 -4.05 | 54.42 4.54 -3.62 | 48.08 3.65 -0.43 | 43.41 3.10 0.00 | 37.35 2.21 0.00 | 35.74 2.18 0.00 | 32.22 2.14 -0.31 | 29.04 2.20 0.00 |
| NYPA____HOLTSVILL 23794 | 38.50 3.38 -6.93 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.78 2.62 -4.53 | 29.88 2.53 -4.96 | 30.52 2.66 -5.09 | 33.65 2.83 -7.02 | 36.53 3.32 -7.27 | 37.80 3.60 -6.10 | 38.43 4.08 -1.99 | 37.94 3.00 -1.94 | 38.72 3.37 -0.93 | 44.78 3.67 -5.50 | 108.67 3.43 -67.55 | 65.84 3.88 -22.83 | 72.81 4.35 -26.60 | 68.91 4.51 -20.66 | 162.02 4.77 -110.99 | 77.66 3.74 -29.92 | 43.63 3.26 -0.06 | 47.99 2.18 -10.68 | 40.24 2.28 -4.40 | 32.62 2.29 -0.55 | 31.33 2.90 -1.59 |
| NYPA____HELLGATE_GT1 24158 | 31.30 2.96 -0.15 | 27.09 2.44 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | 24.55 2.15 -0.01 | 24.86 2.09 0.00 | 25.92 2.12 0.00 | 33.26 2.70 -4.62 | 34.94 2.81 -4.03 | 37.62 3.40 -1.86 | 36.96 3.07 -0.90 | 38.00 3.20 -0.38 | 39.49 3.21 -0.67 | 41.45 3.20 -0.56 | 43.18 3.52 -0.52 | 46.61 3.89 -0.87 | 52.03 4.24 -4.04 | 54.27 4.40 -3.61 | 48.04 3.61 -0.43 | 43.33 3.02 0.01 | 37.27 2.14 0.01 | 35.67 2.12 0.01 | 32.12 2.05 -0.30 | 29.15 2.31 0.00 |
| NYPA____HELLGATE_GT2 24159 | 31.30 2.96 -0.15 | 27.09 2.44 -0.01 | 25.43 2.23 -0.01 | 24.86 2.22 -0.01 | 24.55 2.15 -0.01 | 24.86 2.09 0.00 | 25.92 2.12 0.00 | 33.26 2.70 -4.62 | 34.94 2.81 -4.03 | 37.62 3.40 -1.86 | 36.96 3.07 -0.90 | 38.00 3.20 -0.38 | 39.49 3.21 -0.67 | 41.45 3.20 -0.56 | 43.18 3.52 -0.52 | 46.61 3.89 -0.87 | 52.03 4.24 -4.04 | 54.27 4.40 -3.61 | 48.04 3.61 -0.43 | 43.33 3.02 0.01 | 37.27 2.14 0.01 | 35.67 2.12 0.01 | 32.12 2.05 -0.30 | 29.15 2.31 0.00 |
| NYS_BARGE____HYD 23848 | 27.57 -0.62 0.00 | 24.42 -0.22 0.00 | 22.78 -0.42 0.00 | 21.95 -0.68 0.00 | 21.83 -0.56 0.00 | 22.56 -0.21 0.00 | 23.99 0.19 0.00 | 26.14 -0.60 -0.80 | 28.20 -0.62 -0.72 | 31.81 -0.78 -0.23 | 33.05 0.00 -0.06 | 34.24 -0.17 0.00 | 35.39 -0.21 0.00 | 37.65 -0.04 0.00 | 38.44 -0.70 0.00 | 41.60 -0.25 0.00 | 43.88 -0.35 -0.48 | 46.64 -0.09 -0.47 | 43.92 -0.09 0.00 | 40.75 0.44 0.00 | 36.15 1.02 0.00 | 34.50 0.94 0.00 | 30.96 1.19 0.00 | 27.38 0.54 0.00 |
| OAK_ORCHARD____HYD 24046 | 28.10 -0.08 0.00 | 24.79 0.15 0.00 | 23.13 -0.07 0.00 | 22.41 -0.23 0.00 | 22.23 -0.16 0.00 | 22.88 0.11 0.00 | 24.16 0.36 0.00 | 26.72 0.13 -0.65 | 28.76 0.08 -0.57 | 32.61 0.06 -0.18 | 33.63 0.59 -0.05 | 34.90 0.48 0.00 | 36.11 0.50 0.00 | 38.41 0.71 0.00 | 39.42 0.28 0.00 | 42.44 0.59 0.00 | 44.57 0.44 -0.39 | 47.20 0.56 -0.38 | 44.54 0.53 0.00 | 41.16 0.85 0.00 | 36.43 1.30 0.00 | 34.76 1.21 0.00 | 30.99 1.22 0.00 | 27.48 0.64 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 28.61 0.42 0.00 | 25.09 0.44 0.00 | 23.52 0.32 0.00 | 22.88 0.25 0.00 | 22.66 0.27 0.00 | 23.36 0.59 0.00 | 24.51 0.71 0.00 | 28.18 0.54 -1.69 | 30.45 0.67 -1.67 | 33.71 0.81 -0.54 | 34.12 0.99 -0.14 | 35.48 1.07 0.00 | 36.68 1.07 0.00 | 38.71 1.02 0.00 | 40.24 1.10 0.00 | 43.11 1.26 0.00 | 46.32 1.44 -1.13 | 48.89 1.53 -1.10 | 45.11 1.10 0.00 | 41.32 1.01 0.00 | 36.15 1.02 0.00 | 34.57 1.01 0.00 | 30.55 0.77 0.00 | 27.56 0.72 0.00 |
| OCC_CHEM____DRP 24175 | 26.92 -1.27 0.00 | 24.08 -0.57 0.00 | 22.39 -0.81 0.00 | 21.59 -1.04 0.00 | 21.38 -1.01 0.00 | 22.02 -0.75 0.00 | 23.47 -0.33 0.00 | 25.64 -1.12 -0.82 | 27.60 -1.24 -0.74 | 31.01 -1.59 -0.24 | 31.93 -1.12 -0.06 | 33.25 -1.17 0.00 | 34.25 -1.35 0.00 | 35.77 -1.92 0.00 | 37.50 -1.64 0.00 | 40.18 -1.67 0.00 | 43.02 -1.22 -0.50 | 45.45 -1.30 -0.49 | 42.82 -1.19 0.00 | 39.50 -0.81 0.00 | 35.13 0.00 0.00 | 33.66 0.10 0.00 | 29.35 -0.42 0.00 | 26.73 -0.11 0.00 |
| OH_GEN_PROXY 24063 | 27.26 -0.93 0.00 | 24.20 -0.44 0.00 | 22.50 -0.70 0.00 | 21.70 -0.93 0.00 | 21.56 -0.83 0.00 | 22.27 -0.50 0.00 | 24.05 -0.09 -0.34 | 25.60 -0.80 -0.46 | 27.90 -0.93 -0.73 | 30.88 -1.13 0.34 | 33.20 -0.43 -0.64 | 33.80 -0.62 0.00 | 34.93 -0.68 0.00 | 37.20 -0.49 0.00 | 38.00 -1.14 0.00 | 41.14 -0.71 0.00 | 43.49 -0.74 -0.49 | 46.14 -0.60 -0.48 | 43.48 -0.53 0.00 | 40.31 0.00 0.00 | 35.66 0.53 0.00 | 34.03 0.47 0.00 | 30.54 0.77 0.00 | 27.03 0.19 0.00 |
| OLIN_CORP_DRP 24177 | 27.15 -1.04 0.00 | 24.03 -0.62 0.00 | 22.34 -0.86 0.00 | 21.55 -1.09 0.00 | 21.34 -1.05 0.00 | 22.22 -0.55 0.00 | 23.63 -0.17 0.00 | 25.73 -1.04 -0.83 | 27.72 -1.12 -0.75 | 31.18 -1.42 -0.24 | 32.10 -0.96 -0.06 | 33.45 -0.96 0.00 | 34.43 -1.18 0.00 | 35.99 -1.70 0.00 | 37.69 -1.45 0.00 | 40.39 -1.46 0.00 | 43.20 -1.05 -0.51 | 45.64 -1.11 -0.49 | 43.04 -0.97 0.00 | 39.75 -0.56 0.00 | 35.34 0.21 0.00 | 33.86 0.30 0.00 | 29.53 -0.24 0.00 | 26.95 0.11 0.00 |
| OLIN_CORP_DSASP 323712 | 26.92 -1.27 0.00 | 24.08 -0.57 0.00 | 22.25 -0.95 0.00 | 21.45 -1.18 0.00 | 21.31 -1.07 0.00 | 22.02 -0.75 0.00 | 23.47 -0.33 0.00 | 25.67 -1.09 -0.82 | 27.60 -1.24 -0.74 | 31.08 -1.52 -0.24 | 32.26 -0.79 -0.06 | 33.38 -1.03 0.00 | 34.50 -1.10 0.00 | 36.75 -0.94 0.00 | 37.50 -1.64 0.00 | 40.64 -1.22 0.00 | 42.93 -1.31 -0.50 | 45.60 -1.15 -0.49 | 42.95 -1.06 0.00 | 39.83 -0.48 0.00 | 35.27 0.14 0.00 | 33.66 0.10 0.00 | 30.25 0.47 0.00 | 26.73 -0.11 0.00 |
| ONEIDA_HERK_LFGE 323681 | 28.64 0.45 0.00 | 25.04 0.39 0.00 | 23.48 0.28 0.00 | 22.97 0.34 0.00 | 22.73 0.34 0.00 | 23.13 0.36 0.00 | 24.16 0.36 0.00 | 26.46 0.36 -0.15 | 28.58 0.48 0.00 | 32.91 0.55 0.00 | 33.69 0.69 0.00 | 35.17 0.76 0.00 | 36.36 0.75 0.00 | 38.41 0.71 0.00 | 39.85 0.71 0.00 | 42.56 0.71 0.00 | 44.44 0.70 0.00 | 47.10 0.83 0.00 | 44.89 0.88 0.00 | 41.07 0.76 0.00 | 35.94 0.81 0.00 | 34.36 0.80 0.00 | 30.34 0.56 0.00 | 27.24 0.40 0.00 |
| ONEIDA__115KV_TB4 55905 | 28.92 0.73 0.00 | 25.31 0.67 0.00 | 23.76 0.56 0.00 | 23.20 0.57 0.00 | 22.95 0.56 0.00 | 23.40 0.64 0.00 | 24.47 0.67 0.00 | 26.92 0.67 -0.30 | 28.86 0.76 0.00 | 33.24 0.87 0.00 | 34.08 1.09 0.00 | 35.59 1.17 0.00 | 36.78 1.18 0.00 | 38.82 1.13 0.00 | 40.35 1.21 0.00 | 43.07 1.21 0.00 | 45.01 1.27 0.00 | 47.65 1.39 0.00 | 45.42 1.41 0.00 | 41.60 1.29 0.00 | 36.40 1.26 0.00 | 34.77 1.21 0.00 | 30.63 0.86 0.00 | 27.56 0.72 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ONONDAGA_REF_OCCRA 23987 | 28.16 -0.03 0.00 | 24.67 0.02 0.00 | 23.15 -0.05 0.00 | 22.54 -0.09 0.00 | 22.32 -0.07 0.00 | 22.84 0.07 0.00 | 23.92 0.12 0.00 | 26.60 0.08 -0.58 | 28.68 0.08 -0.50 | 32.59 0.06 -0.16 | 33.26 0.23 -0.04 | 34.69 0.28 0.00 | 35.89 0.28 0.00 | 37.92 0.23 0.00 | 39.37 0.23 0.00 | 42.10 0.25 0.00 | 44.39 0.31 -0.34 | 46.92 0.32 -0.33 | 44.23 0.22 0.00 | 40.55 0.24 0.00 | 35.49 0.35 0.00 | 33.89 0.34 0.00 | 29.98 0.21 0.00 | 27.03 0.19 0.00 |
| ONONDAGA___COGEN 23986 | 28.19 0.00 0.00 | 24.69 0.05 0.00 | 23.18 -0.02 0.00 | 22.56 -0.07 0.00 | 22.37 -0.02 0.00 | 22.86 0.09 0.00 | 23.92 0.12 0.00 | 26.56 0.08 -0.54 | 28.67 0.11 -0.46 | 32.64 0.13 -0.15 | 33.36 0.33 -0.04 | 34.76 0.34 0.00 | 35.96 0.36 0.00 | 37.95 0.26 0.00 | 39.37 0.23 0.00 | 42.14 0.29 0.00 | 44.36 0.31 -0.31 | 46.89 0.32 -0.30 | 44.27 0.26 0.00 | 40.59 0.28 0.00 | 35.52 0.39 0.00 | 33.96 0.40 0.00 | 30.01 0.24 0.00 | 27.08 0.24 0.00 |
| ONTARIO___LFGE 23819 | 28.55 0.37 0.00 | 25.06 0.42 0.00 | 23.43 0.23 0.00 | 22.75 0.11 0.00 | 22.59 0.20 0.00 | 23.25 0.48 0.00 | 24.49 0.69 0.00 | 27.20 0.49 -0.77 | 29.38 0.59 -0.69 | 33.33 0.74 -0.22 | 34.27 1.22 -0.06 | 35.48 1.07 0.00 | 36.67 1.07 0.00 | 38.78 1.09 0.00 | 39.96 0.82 0.00 | 42.94 1.09 0.00 | 45.35 1.14 -0.47 | 48.11 1.39 -0.45 | 45.20 1.19 0.00 | 41.56 1.25 0.00 | 36.57 1.44 0.00 | 35.00 1.44 0.00 | 31.17 1.40 0.00 | 27.78 0.94 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 28.02 -0.17 0.00 | 24.79 0.15 0.00 | 23.11 -0.09 0.00 | 22.32 -0.32 0.00 | 22.16 -0.22 0.00 | 22.90 0.14 0.00 | 24.37 0.57 0.00 | 26.79 -0.13 -0.98 | 29.00 0.00 -0.90 | 32.68 0.03 -0.29 | 33.79 0.72 -0.08 | 35.00 0.58 0.00 | 36.11 0.50 0.00 | 38.37 0.68 0.00 | 39.38 0.24 0.00 | 42.52 0.67 0.00 | 45.05 0.70 -0.61 | 47.88 1.02 -0.59 | 44.80 0.79 0.00 | 41.48 1.17 0.00 | 36.64 1.51 0.00 | 35.00 1.44 0.00 | 31.32 1.55 0.00 | 27.78 0.94 0.00 |
| ORANGEVILLE___ESR 323794 | 28.02 -0.17 0.00 | 24.79 0.15 0.00 | 23.11 -0.09 0.00 | 22.32 -0.32 0.00 | 22.16 -0.22 0.00 | 22.90 0.14 0.00 | 24.37 0.57 0.00 | 26.79 -0.13 -0.98 | 29.00 0.00 -0.90 | 32.68 0.03 -0.29 | 33.79 0.72 -0.08 | 35.00 0.58 0.00 | 36.11 0.50 0.00 | 38.37 0.68 0.00 | 39.38 0.24 0.00 | 42.52 0.67 0.00 | 45.05 0.70 -0.61 | 47.88 1.02 -0.59 | 44.80 0.79 0.00 | 41.48 1.17 0.00 | 36.64 1.51 0.00 | 35.00 1.44 0.00 | 31.32 1.55 0.00 | 27.78 0.94 0.00 |
| OSWEGATCHIE___HYD 24044 | 27.28 -0.90 0.00 | 23.85 -0.79 0.00 | 22.39 -0.81 0.00 | 21.95 -0.68 0.00 | 21.72 -0.67 0.00 | 22.13 -0.64 0.00 | 23.09 -0.71 0.00 | 25.30 -0.78 -0.14 | 27.28 -0.82 0.00 | 31.42 -0.94 0.00 | 31.93 -1.06 0.00 | 33.31 -1.10 0.00 | 34.50 -1.10 0.00 | 36.48 -1.21 0.00 | 37.93 -1.21 0.00 | 40.39 -1.47 0.00 | 41.99 -1.75 0.00 | 44.55 -1.71 0.00 | 42.73 -1.28 0.00 | 39.22 -1.09 0.00 | 34.47 -0.67 0.00 | 33.02 -0.54 0.00 | 29.09 -0.68 0.00 | 26.12 -0.72 0.00 |
| OSWEGO___5 23606 | 27.62 -0.56 0.00 | 24.20 -0.44 0.00 | 22.74 -0.46 0.00 | 22.16 -0.48 0.00 | 21.94 -0.45 0.00 | 22.38 -0.39 0.00 | 23.44 -0.36 0.00 | 25.85 -0.47 -0.38 | 27.90 -0.50 -0.30 | 31.88 -0.58 -0.10 | 32.55 -0.46 -0.03 | 33.93 -0.48 0.00 | 35.07 -0.53 0.00 | 37.16 -0.53 0.00 | 38.47 -0.67 0.00 | 41.18 -0.67 0.00 | 43.25 -0.70 -0.20 | 45.77 -0.69 -0.20 | 43.30 -0.71 0.00 | 39.71 -0.60 0.00 | 34.71 -0.42 0.00 | 33.19 -0.37 0.00 | 29.47 -0.30 0.00 | 26.49 -0.35 0.00 |
| OSWEGO___6 23613 | 27.62 -0.56 0.00 | 24.20 -0.44 0.00 | 22.74 -0.46 0.00 | 22.16 -0.48 0.00 | 21.94 -0.45 0.00 | 22.38 -0.39 0.00 | 23.44 -0.36 0.00 | 25.85 -0.47 -0.38 | 27.90 -0.50 -0.30 | 31.88 -0.58 -0.10 | 32.55 -0.46 -0.03 | 33.93 -0.48 0.00 | 35.07 -0.53 0.00 | 37.16 -0.53 0.00 | 38.47 -0.67 0.00 | 41.18 -0.67 0.00 | 43.25 -0.70 -0.20 | 45.77 -0.69 -0.20 | 43.30 -0.71 0.00 | 39.71 -0.60 0.00 | 34.71 -0.42 0.00 | 33.19 -0.37 0.00 | 29.47 -0.30 0.00 | 26.49 -0.35 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 27.74 -0.45 0.00 | 24.67 0.02 0.00 | 22.94 -0.26 0.00 | 22.11 -0.52 0.00 | 21.92 -0.47 0.00 | 22.68 -0.09 0.00 | 24.16 0.36 0.00 | 26.33 -0.44 -0.83 | 28.46 -0.39 -0.75 | 32.05 -0.55 -0.24 | 33.05 0.00 -0.06 | 34.42 0.00 0.00 | 35.46 -0.14 0.00 | 36.97 -0.72 0.00 | 38.71 -0.43 0.00 | 41.43 -0.42 0.00 | 44.34 0.09 -0.51 | 46.90 0.14 -0.50 | 44.10 0.09 0.00 | 40.63 0.32 0.00 | 36.26 1.12 0.00 | 34.73 1.17 0.00 | 30.28 0.51 0.00 | 27.54 0.70 0.00 |
| OXBOW____ 24026 | 27.40 -0.79 0.00 | 24.44 -0.20 0.00 | 22.64 -0.56 0.00 | 21.82 -0.81 0.00 | 21.67 -0.72 0.00 | 22.40 -0.37 0.00 | 23.85 0.05 0.00 | 26.07 -0.70 -0.82 | 28.11 -0.73 -0.74 | 31.69 -0.91 -0.24 | 32.92 -0.13 -0.06 | 34.07 -0.34 0.00 | 35.25 -0.36 0.00 | 37.43 -0.26 0.00 | 38.24 -0.90 0.00 | 41.35 -0.50 0.00 | 43.73 -0.52 -0.50 | 46.48 -0.28 -0.49 | 43.70 -0.31 0.00 | 40.51 0.20 0.00 | 35.94 0.81 0.00 | 34.30 0.74 0.00 | 30.78 1.01 0.00 | 27.19 0.35 0.00 |
| OXY_CHEM_DSASP 323612 | 26.92 -1.27 0.00 | 24.08 -0.57 0.00 | 22.39 -0.81 0.00 | 21.59 -1.04 0.00 | 21.38 -1.01 0.00 | 22.02 -0.75 0.00 | 23.47 -0.33 0.00 | 25.64 -1.12 -0.82 | 27.60 -1.24 -0.74 | 31.01 -1.59 -0.24 | 31.93 -1.12 -0.06 | 33.25 -1.17 0.00 | 34.25 -1.35 0.00 | 35.77 -1.92 0.00 | 37.50 -1.64 0.00 | 40.18 -1.67 0.00 | 43.02 -1.22 -0.50 | 45.45 -1.30 -0.49 | 42.82 -1.19 0.00 | 39.50 -0.81 0.00 | 35.13 0.00 0.00 | 33.66 0.10 0.00 | 29.35 -0.42 0.00 | 26.73 -0.11 0.00 |
| OZONE_PARK_ESR 323760 | 31.40 3.07 -0.14 | 27.13 2.49 0.00 | 25.47 2.27 0.00 | 24.90 2.26 0.00 | 24.61 2.22 0.00 | 25.02 2.25 0.00 | 26.18 2.38 0.00 | 33.53 2.96 -4.63 | 35.29 3.15 -4.04 | 38.05 3.79 -1.90 | 37.46 3.53 -0.94 | 38.48 3.65 -0.41 | 40.10 3.77 -0.72 | 42.32 4.03 -0.60 | 43.88 4.19 -0.55 | 47.58 4.81 -0.92 | 52.95 5.07 -4.13 | 55.36 5.41 -3.68 | 48.97 4.53 -0.43 | 44.18 3.87 0.00 | 37.80 2.67 0.00 | 36.14 2.58 0.00 | 32.79 2.71 -0.31 | 29.26 2.42 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 26.92 -1.27 0.00 | 24.08 -0.57 0.00 | 22.39 -0.81 0.00 | 21.59 -1.04 0.00 | 21.38 -1.01 0.00 | 22.02 -0.75 0.00 | 23.47 -0.33 0.00 | 25.64 -1.12 -0.82 | 27.60 -1.24 -0.74 | 31.01 -1.59 -0.24 | 31.93 -1.12 -0.06 | 33.25 -1.17 0.00 | 34.25 -1.35 0.00 | 35.77 -1.92 0.00 | 37.50 -1.64 0.00 | 40.18 -1.67 0.00 | 43.02 -1.22 -0.50 | 45.45 -1.30 -0.49 | 42.82 -1.19 0.00 | 39.50 -0.81 0.00 | 35.13 0.00 0.00 | 33.66 0.10 0.00 | 29.35 -0.42 0.00 | 26.73 -0.11 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 26.92 -1.27 0.00 | 24.08 -0.57 0.00 | 22.39 -0.81 0.00 | 21.59 -1.04 0.00 | 21.38 -1.01 0.00 | 22.02 -0.75 0.00 | 23.47 -0.33 0.00 | 25.64 -1.12 -0.82 | 27.60 -1.24 -0.74 | 31.01 -1.59 -0.24 | 31.93 -1.12 -0.06 | 33.25 -1.17 0.00 | 34.25 -1.35 0.00 | 35.77 -1.92 0.00 | 37.50 -1.64 0.00 | 40.18 -1.67 0.00 | 43.02 -1.22 -0.50 | 45.45 -1.30 -0.49 | 42.82 -1.19 0.00 | 39.50 -0.81 0.00 | 35.13 0.00 0.00 | 33.66 0.10 0.00 | 29.35 -0.42 0.00 | 26.73 -0.11 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 31.30 2.96 -0.15 | 27.07 2.42 -0.01 | 25.41 2.20 -0.01 | 24.84 2.20 -0.01 | 24.55 2.15 -0.01 | 24.84 2.07 0.00 | 25.89 2.09 0.00 | 33.28 2.70 -4.64 | 34.93 2.78 -4.04 | 37.64 3.37 -1.91 | 37.03 3.10 -0.94 | 38.03 3.20 -0.41 | 39.60 3.28 -0.72 | 41.68 3.39 -0.60 | 43.10 3.41 -0.55 | 46.74 3.98 -0.92 | 51.99 4.11 -4.13 | 54.29 4.35 -3.68 | 48.13 3.70 -0.43 | 43.37 3.06 0.00 | 37.24 2.11 0.00 | 35.64 2.08 0.00 | 32.37 2.29 -0.31 | 29.12 2.28 0.00 |

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|---|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 31.58 3.24 -0.15 | 27.31 2.66 -0.01 | 25.64 2.44 -0.01 | 25.04 2.40 -0.01 | 24.75 2.35 -0.01 | 25.04 2.28 0.00 | 26.04 2.24 0.00 | 33.43 2.85 -4.64 | 35.09 2.95 -4.04 | 37.83 3.56 -1.91 | 37.36 3.43 -0.94 | 38.37 3.54 -0.41 | 39.92 3.60 -0.72 | 41.87 3.58 -0.60 | 43.29 3.60 -0.55 | 46.95 4.19 -0.92 | 52.25 4.37 -4.13 | 54.57 4.63 -3.68 | 48.39 3.96 -0.43 | 43.62 3.31 0.00 | 37.42 2.28 0.00 | 35.84 2.28 0.00 | 32.58 2.50 -0.31 | 29.26 2.42 0.00 |
| PATROON__115KV_TB1 80586 | 29.19 1.16 0.16 | 25.58 0.94 0.00 | 24.10 0.90 0.00 | 23.58 0.95 0.00 | 23.31 0.92 0.00 | 23.77 1.00 0.00 | 24.78 0.98 0.00 | 31.84 1.14 -4.76 | 37.22 1.26 -7.86 | 35.77 1.49 -1.91 | 34.53 1.48 -0.05 | 35.51 1.51 0.42 | 36.45 1.57 0.72 | 38.75 1.66 0.60 | 40.34 1.76 0.56 | 42.81 1.88 0.93 | 49.63 1.97 -3.92 | 52.45 2.04 -4.15 | 45.11 1.58 0.48 | 41.64 1.33 0.00 | 36.12 0.98 0.00 | 34.43 0.87 0.00 | 30.32 0.89 0.34 | 27.67 0.83 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 28.05 -0.14 0.00 | 24.84 0.20 0.00 | 23.11 -0.09 0.00 | 22.27 -0.36 0.00 | 22.08 -0.31 0.00 | 22.90 0.14 0.00 | 24.40 0.60 0.00 | 26.25 -0.60 -0.91 | 28.87 -0.06 -0.83 | 32.56 -0.06 -0.27 | 33.52 0.46 -0.07 | 34.97 0.55 0.00 | 35.96 0.36 0.00 | 37.73 0.04 0.00 | 39.49 0.35 0.00 | 42.27 0.42 0.00 | 45.23 0.92 -0.56 | 47.83 1.02 -0.55 | 44.89 0.88 0.00 | 41.28 0.97 0.00 | 36.57 1.44 0.00 | 35.07 1.51 0.00 | 30.60 0.83 0.00 | 27.83 0.99 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 30.82 2.51 -0.12 | 26.74 2.09 0.00 | 25.15 1.95 0.00 | 24.60 1.97 0.00 | 24.22 1.84 0.00 | 24.70 1.94 0.00 | 25.78 1.98 0.00 | 32.95 2.39 -4.62 | 34.75 2.59 -4.06 | 37.33 3.14 -1.82 | 36.88 3.04 -0.86 | 37.80 3.03 -0.36 | 39.33 3.10 -0.62 | 41.60 3.39 -0.51 | 43.14 3.52 -0.48 | 46.62 3.98 -0.79 | 51.77 4.07 -3.95 | 54.31 4.49 -3.55 | 48.16 3.78 -0.37 | 43.49 3.18 0.00 | 37.38 2.25 0.00 | 35.71 2.15 0.00 | 32.15 2.11 -0.26 | 28.72 1.88 0.00 |
| PEEKSKILL____ 23653 | 30.64 2.31 -0.14 | 26.57 1.92 0.00 | 24.99 1.79 0.00 | 24.42 1.79 0.00 | 24.09 1.70 0.00 | 24.56 1.80 0.00 | 25.68 1.88 0.00 | 32.75 2.26 -4.56 | 34.47 2.39 -3.99 | 37.08 2.88 -1.84 | 36.52 2.64 -0.89 | 37.58 2.79 -0.38 | 39.12 2.85 -0.66 | 41.18 2.94 -0.55 | 42.90 3.25 -0.51 | 46.34 3.64 -0.85 | 51.67 3.94 -3.99 | 53.99 4.17 -3.56 | 47.73 3.30 -0.42 | 43.09 2.78 0.00 | 37.06 1.93 0.00 | 35.40 1.84 0.00 | 31.83 1.76 -0.30 | 28.64 1.80 0.00 |
| PGE MADISON__WINDPWR 24146 | 30.33 2.14 0.00 | 26.59 1.95 0.00 | 24.89 1.69 0.00 | 24.28 1.65 0.00 | 24.02 1.63 0.00 | 24.77 2.00 0.00 | 26.01 2.21 0.00 | 29.75 2.18 -1.63 | 32.25 2.30 -1.85 | 35.67 2.72 -0.59 | 36.21 3.07 -0.15 | 37.65 3.23 0.00 | 39.06 3.45 0.00 | 41.20 3.51 0.00 | 42.74 3.60 0.00 | 45.78 3.93 0.00 | 49.11 4.11 -1.25 | 52.15 4.67 -1.22 | 48.41 4.40 0.00 | 44.30 3.99 0.00 | 38.93 3.80 0.00 | 37.22 3.66 0.00 | 32.81 3.04 0.00 | 29.28 2.44 0.00 |
| PIERCEFIELD__HYD 23852 | 26.84 -1.35 0.00 | 23.44 -1.21 0.00 | 22.16 -1.04 0.00 | 21.61 -1.02 0.00 | 21.40 -0.99 0.00 | 21.79 -0.98 0.00 | 22.71 -1.09 0.00 | 24.77 -1.17 0.00 | 26.89 -1.21 0.00 | 30.94 -1.42 0.00 | 31.47 -1.52 0.00 | 32.83 -1.58 0.00 | 34.04 -1.57 0.00 | 36.07 -1.62 0.00 | 37.38 -1.76 0.00 | 39.80 -2.05 0.00 | 41.34 -2.41 0.00 | 43.91 -2.36 0.00 | 41.76 -2.24 0.00 | 38.37 -1.93 0.00 | 33.76 -1.37 0.00 | 32.32 -1.24 0.00 | 28.46 -1.31 0.00 | 25.58 -1.26 0.00 |
| PINELAWN_CC_1 323563 | 38.52 3.41 -6.92 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.78 2.62 -4.53 | 29.90 2.55 -4.96 | 30.54 2.69 -5.09 | 33.65 2.83 -7.02 | 36.53 3.32 -7.27 | 37.73 3.54 -6.09 | 38.39 4.04 -1.98 | 36.83 2.87 -0.97 | 38.50 3.16 -0.92 | 41.37 3.49 -2.28 | 45.88 3.20 -4.98 | 44.77 3.64 -1.99 | 48.65 4.10 -2.69 | 53.14 4.24 -5.16 | 61.43 4.49 -10.68 | 49.90 3.52 -2.37 | 43.38 3.06 0.00 | 43.72 2.11 -6.48 | 37.91 2.21 -2.14 | 32.61 2.41 -0.43 | 31.28 2.90 -1.54 |
| PJM_GEN_HTP_PROXY 323702 | 31.01 2.68 -0.14 | 26.84 2.19 0.00 | 25.19 2.00 0.00 | 24.62 1.99 0.00 | 24.31 1.93 0.00 | 24.77 2.00 0.00 | 26.26 2.12 -0.34 | 32.80 2.59 -4.27 | 34.89 2.76 -4.03 | 36.95 3.30 -1.29 | 37.48 3.00 -1.48 | 38.01 3.20 -0.39 | 39.53 3.24 -0.68 | 41.57 3.32 -0.56 | 43.34 3.68 -0.53 | 46.87 4.14 -0.87 | 52.26 4.46 -4.05 | 54.55 4.67 -3.62 | 48.18 3.74 -0.43 | 43.46 3.15 0.00 | 37.31 2.18 0.00 | 35.67 2.12 0.00 | 32.16 2.08 -0.31 | 28.91 2.07 0.00 |
| PJM_GEN_KEystone 24065 | 29.19 0.93 -0.07 | 25.56 0.91 0.00 | 23.92 0.72 0.00 | 23.27 0.63 0.00 | 23.01 0.63 0.00 | 23.61 0.84 0.00 | 25.19 1.05 -0.34 | 29.35 0.85 -2.56 | 31.64 0.98 -2.56 | 34.13 1.23 -0.54 | 35.46 1.39 -1.08 | 36.06 1.45 -0.20 | 37.38 1.43 -0.35 | 39.53 1.55 -0.29 | 40.94 1.52 -0.27 | 44.23 1.93 -0.45 | 48.26 2.10 -2.42 | 50.76 2.31 -2.18 | 45.99 1.76 -0.22 | 41.92 1.61 0.00 | 36.43 1.30 0.00 | 34.83 1.27 0.00 | 31.24 1.31 -0.16 | 27.97 1.13 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 37.93 2.82 -6.92 | 37.14 2.37 -10.13 | 36.15 2.21 -10.75 | 29.35 2.19 -4.53 | 29.45 2.10 -4.96 | 30.06 2.21 -5.09 | 33.47 2.31 -7.36 | 35.61 2.75 -6.92 | 37.11 2.92 -6.09 | 37.13 3.37 -1.40 | 37.11 2.64 -1.48 | 38.33 2.99 -0.92 | 40.90 3.24 -2.05 | 41.32 3.05 -0.58 | 43.15 3.48 -0.52 | 46.76 3.89 -1.01 | 51.88 4.07 -4.07 | 54.14 4.25 -3.62 | 47.74 3.30 -0.43 | 43.13 2.82 0.00 | 36.89 1.76 0.00 | 35.40 1.84 0.00 | 31.89 1.82 -0.31 | 30.68 2.31 -1.54 |
| PJM_GEN_VFT_PROXY 323633 | 30.98 2.65 -0.14 | 26.76 2.12 0.00 | 25.15 1.95 0.00 | 24.58 1.95 0.00 | 24.27 1.88 0.00 | 24.70 1.93 0.00 | 26.19 2.05 -0.34 | 32.75 2.54 -4.27 | 34.80 2.67 -4.03 | 36.82 3.17 -1.29 | 37.34 2.87 -1.48 | 37.84 3.03 -0.39 | 39.35 3.06 -0.68 | 41.38 3.13 -0.56 | 43.15 3.48 -0.53 | 46.70 3.98 -0.87 | 52.04 4.24 -4.05 | 54.37 4.49 -3.62 | 47.96 3.52 -0.43 | 43.25 2.94 0.00 | 37.10 1.97 0.00 | 35.50 1.95 0.00 | 32.07 1.99 -0.31 | 28.85 2.01 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 27.71 -0.48 0.00 | 24.35 -0.30 0.00 | 23.18 -0.02 0.00 | 22.52 -0.11 0.00 | 22.41 0.02 0.00 | 22.95 0.18 0.00 | 24.01 0.21 0.00 | 26.23 0.29 0.00 | 28.49 0.39 0.00 | 32.78 0.42 0.00 | 33.29 0.30 0.00 | 34.69 0.28 0.00 | 36.03 0.43 0.00 | 38.37 0.68 0.00 | 39.69 0.55 0.00 | 42.19 0.33 0.00 | 43.92 0.17 0.00 | 46.68 0.42 0.00 | 44.27 0.26 0.00 | 40.79 0.48 0.00 | 35.91 0.77 0.00 | 34.23 0.67 0.00 | 30.13 0.36 0.00 | 27.08 0.24 0.00 |
| PLEASANTVLY__LBMP 24000 | 30.32 1.97 -0.16 | 26.29 1.65 0.00 | 24.75 1.55 0.00 | 24.19 1.56 0.00 | 23.89 1.50 0.00 | 24.34 1.57 0.00 | 25.44 1.64 0.00 | 32.73 1.92 -4.87 | 34.40 2.05 -4.25 | 36.87 2.46 -2.05 | 36.30 2.28 -1.04 | 37.26 2.37 -0.47 | 38.88 2.46 -0.82 | 41.01 2.64 -0.68 | 42.51 2.74 -0.63 | 46.03 3.14 -1.04 | 51.49 3.28 -4.46 | 53.69 3.47 -3.95 | 47.32 2.82 -0.50 | 42.65 2.34 0.00 | 36.75 1.62 0.00 | 35.07 1.51 0.00 | 31.79 1.67 -0.35 | 28.34 1.50 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 30.76 2.42 -0.14 | 26.64 2.00 0.00 | 25.06 1.86 0.00 | 24.49 1.86 0.00 | 24.18 1.79 0.00 | 24.63 1.87 0.00 | 25.75 1.95 0.00 | 32.97 2.36 -4.67 | 34.68 2.50 -4.07 | 37.32 3.04 -1.92 | 36.81 2.87 -0.95 | 37.83 2.99 -0.42 | 39.39 3.06 -0.72 | 41.61 3.32 -0.60 | 43.18 3.48 -0.56 | 46.71 3.93 -0.93 | 52.02 4.11 -4.16 | 54.37 4.40 -3.71 | 48.14 3.70 -0.44 | 43.41 3.10 0.00 | 37.24 2.11 0.00 | 35.57 2.01 0.00 | 32.19 2.11 -0.31 | 28.72 1.88 0.00 |

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| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 30.76 2.42 -0.14 | 26.64 2.00 0.00 | 25.06 1.86 0.00 | 24.49 1.86 0.00 | 24.18 1.79 0.00 | 24.63 1.87 0.00 | 25.75 1.95 0.00 | 32.97 2.36 -4.67 | 34.68 2.50 -4.07 | 37.32 3.04 -1.92 | 36.81 2.87 -0.95 | 37.83 2.99 -0.42 | 39.39 3.06 -0.72 | 41.61 3.32 -0.60 | 43.18 3.48 -0.56 | 46.71 3.93 -0.93 | 52.02 4.11 -4.16 | 54.37 4.40 -3.71 | 48.14 3.70 -0.44 | 43.41 3.10 0.00 | 37.24 2.11 0.00 | 35.57 2.01 0.00 | 32.19 2.11 -0.31 | 28.72 1.88 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 30.32 2.17 0.04 | 26.42 1.77 0.00 | 24.87 1.67 0.00 | 24.31 1.67 0.00 | 23.96 1.57 0.00 | 24.45 1.68 0.00 | 25.51 1.71 0.00 | 32.11 1.95 -4.22 | 34.01 2.05 -3.86 | 35.79 2.33 -1.10 | 35.39 2.21 -0.19 | 36.59 2.27 0.09 | 37.90 2.46 0.16 | 40.23 2.68 0.14 | 41.79 2.78 0.13 | 44.82 3.18 0.21 | 49.32 3.28 -2.29 | 52.09 3.52 -2.31 | 46.74 2.86 0.13 | 42.73 2.42 0.00 | 36.86 1.72 0.00 | 35.24 1.68 0.00 | 31.44 1.76 0.09 | 28.42 1.58 0.00 |
| POLETTI____ 23519 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.22 2.02 0.00 | 24.65 2.01 0.00 | 24.38 1.99 0.00 | 24.79 2.03 0.00 | 25.92 2.12 0.00 | 33.19 2.62 -4.63 | 34.93 2.78 -4.04 | 37.59 3.33 -1.90 | 37.00 3.07 -0.94 | 38.03 3.20 -0.41 | 39.60 3.28 -0.72 | 41.79 3.51 -0.60 | 43.29 3.60 -0.55 | 46.95 4.19 -0.92 | 52.25 4.37 -4.13 | 54.62 4.67 -3.68 | 48.27 3.83 -0.43 | 43.53 3.22 0.00 | 37.31 2.18 0.00 | 35.67 2.11 0.00 | 32.40 2.32 -0.31 | 28.93 2.09 0.00 |
| POMONA____ESR 323819 | 30.57 2.26 -0.13 | 26.54 1.90 0.00 | 24.94 1.74 0.00 | 24.38 1.74 0.00 | 24.05 1.66 0.00 | 24.54 1.78 0.00 | 25.63 1.83 0.00 | 32.49 2.13 -4.42 | 34.19 2.22 -3.87 | 36.81 2.68 -1.76 | 36.27 2.44 -0.84 | 37.39 2.61 -0.36 | 38.93 2.70 -0.62 | 40.99 2.79 -0.51 | 42.71 3.09 -0.48 | 46.07 3.43 -0.79 | 51.33 3.76 -3.82 | 53.62 3.93 -3.42 | 47.48 3.08 -0.39 | 42.89 2.58 0.00 | 36.92 1.79 0.00 | 35.30 1.74 0.00 | 31.75 1.70 -0.28 | 28.56 1.72 0.00 |
| PORT_JEFF_3 23555 | 38.59 3.47 -6.93 | 37.68 2.91 -10.13 | 36.66 2.71 -10.75 | 29.83 2.67 -4.53 | 29.95 2.60 -4.96 | 30.56 2.71 -5.09 | 33.70 2.88 -7.02 | 36.61 3.40 -7.27 | 37.88 3.68 -6.10 | 38.53 4.18 -1.99 | 38.01 3.03 -1.99 | 38.72 3.37 -0.93 | 44.89 3.63 -5.65 | 111.40 3.39 -70.31 | 66.73 3.84 -23.75 | 73.78 4.27 -27.66 | 69.56 4.46 -21.35 | 166.35 4.67 -115.41 | 78.84 3.70 -31.13 | 43.59 3.23 -0.06 | 48.04 2.21 -10.69 | 40.21 2.28 -4.37 | 32.67 2.35 -0.55 | 31.41 2.98 -1.59 |
| PORT_JEFF_4 23616 | 38.59 3.47 -6.93 | 37.68 2.91 -10.13 | 36.66 2.71 -10.75 | 29.83 2.67 -4.53 | 29.95 2.60 -4.96 | 30.56 2.71 -5.09 | 33.70 2.88 -7.02 | 36.61 3.40 -7.27 | 37.88 3.68 -6.10 | 38.53 4.18 -1.99 | 38.01 3.03 -1.99 | 38.72 3.37 -0.93 | 44.89 3.63 -5.65 | 111.40 3.39 -70.31 | 66.73 3.84 -23.75 | 73.78 4.27 -27.66 | 69.56 4.46 -21.35 | 166.35 4.67 -115.41 | 78.84 3.70 -31.13 | 43.59 3.23 -0.06 | 48.04 2.21 -10.69 | 40.21 2.28 -4.37 | 32.67 2.35 -0.55 | 31.41 2.98 -1.59 |
| PORT_JEFF_IC 23713 | 38.65 3.52 -6.93 | 37.75 2.98 -10.13 | 36.73 2.78 -10.75 | 29.87 2.71 -4.53 | 29.99 2.64 -4.96 | 30.61 2.75 -5.09 | 33.75 2.93 -7.02 | 36.66 3.45 -7.27 | 37.94 3.74 -6.11 | 38.63 4.27 -1.99 | 38.30 3.17 -2.15 | 38.89 3.55 -0.93 | 45.52 3.74 -6.17 | 121.77 3.54 -80.54 | 70.25 3.95 -27.15 | 77.85 4.43 -31.57 | 72.26 4.63 -23.88 | 182.93 4.86 -131.81 | 83.52 3.87 -35.64 | 43.72 3.34 -0.07 | 47.68 2.39 -10.15 | 40.09 2.45 -4.08 | 32.75 2.44 -0.53 | 31.50 3.06 -1.60 |
| PPL PILGRIM_ST_GT1 24216 | 38.72 3.61 -6.92 | 37.83 3.06 -10.13 | 36.80 2.85 -10.75 | 29.96 2.81 -4.53 | 30.08 2.73 -4.96 | 30.70 2.85 -5.09 | 33.87 3.05 -7.02 | 36.76 3.55 -7.27 | 38.01 3.82 -6.09 | 38.68 4.34 -1.98 | 37.32 3.20 -1.12 | 38.95 3.61 -0.92 | 42.30 3.92 -2.78 | 55.89 3.43 -14.77 | 48.27 3.88 -5.25 | 52.64 4.35 -6.43 | 55.83 4.51 -7.58 | 77.36 4.72 -26.37 | 54.43 3.74 -6.68 | 43.71 3.39 -0.01 | 84.27 2.39 -46.74 | 51.10 2.42 -15.13 | 33.44 2.50 -1.17 | 31.45 3.06 -1.55 |
| PPL PILGRIM_ST_GT2 24217 | 38.72 3.61 -6.92 | 37.83 3.06 -10.13 | 36.80 2.85 -10.75 | 29.96 2.81 -4.53 | 30.08 2.73 -4.96 | 30.70 2.85 -5.09 | 33.87 3.05 -7.02 | 36.76 3.55 -7.27 | 38.01 3.82 -6.09 | 38.68 4.34 -1.98 | 37.32 3.20 -1.12 | 38.95 3.61 -0.92 | 42.30 3.92 -2.78 | 55.89 3.43 -14.77 | 48.27 3.88 -5.25 | 52.64 4.35 -6.43 | 55.83 4.51 -7.58 | 77.36 4.72 -26.37 | 54.43 3.74 -6.68 | 43.71 3.39 -0.01 | 84.27 2.39 -46.74 | 51.10 2.42 -15.13 | 33.44 2.50 -1.17 | 31.45 3.06 -1.55 |
| PPL_SHRM_GT3 24213 | 38.56 3.44 -6.93 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.74 2.58 -4.53 | 29.86 2.51 -4.96 | 30.47 2.62 -5.09 | 33.60 2.78 -7.02 | 36.53 3.32 -7.27 | 37.83 3.63 -6.10 | 38.46 4.11 -1.99 | 38.16 3.17 -2.01 | 38.89 3.55 -0.93 | 45.20 3.88 -5.71 | 112.93 3.65 -71.58 | 67.34 4.03 -24.17 | 74.56 4.56 -28.14 | 70.13 4.73 -21.66 | 168.75 5.04 -117.44 | 79.70 4.00 -31.69 | 43.88 3.51 -0.06 | 48.37 2.32 -10.92 | 40.34 2.38 -4.40 | 32.65 2.32 -0.55 | 31.36 2.93 -1.60 |
| PPL_SHRM_GT4 24214 | 38.56 3.44 -6.93 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.74 2.58 -4.53 | 29.86 2.51 -4.96 | 30.47 2.62 -5.09 | 33.60 2.78 -7.02 | 36.53 3.32 -7.27 | 37.83 3.63 -6.10 | 38.46 4.11 -1.99 | 38.16 3.17 -2.01 | 38.89 3.55 -0.93 | 45.20 3.88 -5.71 | 112.93 3.65 -71.58 | 67.34 4.03 -24.17 | 74.56 4.56 -28.14 | 70.13 4.73 -21.66 | 168.75 5.04 -117.44 | 79.70 4.00 -31.69 | 43.88 3.51 -0.06 | 48.37 2.32 -10.92 | 40.34 2.38 -4.40 | 32.65 2.32 -0.55 | 31.36 2.93 -1.60 |
| PROJECT____ORANGE 1 24174 | 28.05 -0.14 0.00 | 24.57 -0.07 0.00 | 23.08 -0.12 0.00 | 22.47 -0.16 0.00 | 22.25 -0.13 0.00 | 22.74 -0.02 0.00 | 23.82 0.02 0.00 | 26.39 -0.03 -0.47 | 28.44 -0.06 -0.39 | 32.42 -0.06 -0.13 | 33.12 0.10 -0.03 | 34.55 0.14 0.00 | 35.71 0.11 0.00 | 37.73 0.04 0.00 | 39.18 0.04 0.00 | 41.89 0.04 0.00 | 44.10 0.09 -0.27 | 46.57 0.05 -0.26 | 44.01 0.00 0.00 | 40.35 0.04 0.00 | 35.31 0.18 0.00 | 33.76 0.20 0.00 | 29.86 0.09 0.00 | 26.95 0.11 0.00 |
| PROJECT____ORANGE 2 24166 | 28.05 -0.14 0.00 | 24.57 -0.07 0.00 | 23.08 -0.12 0.00 | 22.47 -0.16 0.00 | 22.25 -0.13 0.00 | 22.74 -0.02 0.00 | 23.82 0.02 0.00 | 26.39 -0.03 -0.47 | 28.44 -0.06 -0.39 | 32.42 -0.06 -0.13 | 33.12 0.10 -0.03 | 34.55 0.14 0.00 | 35.71 0.11 0.00 | 37.73 0.04 0.00 | 39.18 0.04 0.00 | 41.89 0.04 0.00 | 44.10 0.09 -0.27 | 46.57 0.05 -0.26 | 44.01 0.00 0.00 | 40.35 0.04 0.00 | 35.31 0.18 0.00 | 33.76 0.20 0.00 | 29.86 0.09 0.00 | 26.95 0.11 0.00 |
| PUCKETT____SOLAR 323809 | 29.06 0.87 0.00 | 25.48 0.84 0.00 | 23.89 0.70 0.00 | 23.24 0.61 0.00 | 23.04 0.65 0.00 | 23.75 0.98 0.00 | 24.92 1.12 0.00 | 28.65 0.96 -1.75 | 30.99 1.07 -1.82 | 34.21 1.26 -0.58 | 34.59 1.45 -0.15 | 35.89 1.48 0.00 | 37.14 1.53 0.00 | 39.27 1.58 0.00 | 40.66 1.52 0.00 | 43.65 1.80 0.00 | 46.95 1.97 -1.23 | 49.78 2.31 -1.20 | 45.90 1.89 0.00 | 42.08 1.77 0.00 | 36.85 1.72 0.00 | 35.20 1.64 0.00 | 31.23 1.46 0.00 | 27.99 1.15 0.00 |
| PYRITES____HYD 24023 | 27.40 -0.79 0.00 | 23.93 -0.71 0.00 | 22.62 -0.58 0.00 | 22.07 -0.57 0.00 | 21.85 -0.54 0.00 | 22.27 -0.50 0.00 | 23.18 -0.62 0.00 | 25.24 -0.70 0.00 | 27.40 -0.70 0.00 | 31.55 -0.81 0.00 | 32.17 -0.82 0.00 | 33.55 -0.86 0.00 | 34.82 -0.78 0.00 | 36.75 -0.94 0.00 | 38.12 -1.02 0.00 | 40.55 -1.30 0.00 | 42.17 -1.57 0.00 | 44.78 -1.48 0.00 | 42.60 -1.41 0.00 | 39.18 -1.13 0.00 | 34.47 -0.67 0.00 | 32.99 -0.57 0.00 | 29.03 -0.74 0.00 | 26.06 -0.78 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|
| QUAKERRD_115KV_BK1 80622 | 27.37 -0.82 0.00 | 24.10 -0.54 0.00 | 22.53 -0.67 0.00 | 21.86 -0.77 0.00 | 21.67 -0.72 0.00 | 22.27 -0.50 0.00 | 23.47 -0.33 0.00 | 25.99 -0.57 -0.62 | 28.00 -0.65 -0.54 | 31.76 -0.78 -0.17 | 32.54 -0.49 -0.05 | 33.93 -0.48 0.00 | 35.07 -0.53 0.00 | 36.86 -0.83 0.00 | 38.36 -0.78 0.00 | 41.01 -0.84 0.00 | 43.50 -0.61 -0.37 | 45.84 -0.79 -0.36 | 43.26 -0.75 0.00 | 39.83 -0.48 0.00 | 35.24 0.11 0.00 | 33.69 0.13 0.00 | 29.56 -0.21 0.00 | 26.68 -0.16 0.00 |
| QUENSBRY_115KV_TB8 356137 | 30.64 2.62 0.17 | 26.84 2.19 0.00 | 25.26 2.06 0.00 | 24.69 2.06 0.00 | 24.40 2.01 0.00 | 24.95 2.19 0.00 | 26.04 2.24 0.00 | 33.31 2.52 -4.85 | 41.08 2.87 -10.11 | 38.33 3.37 -2.60 | 36.79 3.60 -0.20 | 37.62 3.65 0.45 | 38.50 3.67 0.77 | 41.01 3.96 0.64 | 42.65 4.11 0.60 | 45.13 4.27 0.99 | 53.65 4.55 -5.35 | 56.64 4.81 -5.57 | 47.68 4.18 0.51 | 44.06 3.75 0.00 | 38.51 3.37 0.00 | 36.58 3.02 0.00 | 32.03 2.62 0.36 | 29.18 2.34 0.00 |
| RAMAPO___LBMP 323565 | 30.46 2.14 -0.13 | 26.44 1.80 0.00 | 24.85 1.65 0.00 | 24.28 1.65 0.00 | 23.98 1.59 0.00 | 24.45 1.68 0.00 | 25.56 1.76 0.00 | 32.42 2.05 -4.43 | 34.13 2.16 -3.87 | 36.77 2.62 -1.79 | 36.33 2.47 -0.87 | 37.37 2.58 -0.37 | 38.93 2.67 -0.65 | 41.13 2.90 -0.54 | 42.66 3.01 -0.50 | 46.11 3.43 -0.83 | 51.21 3.59 -3.88 | 53.53 3.79 -3.47 | 47.52 3.12 -0.39 | 42.89 2.58 0.00 | 36.89 1.76 0.00 | 35.24 1.68 0.00 | 31.86 1.82 -0.28 | 28.50 1.66 0.00 |
| RANKINE____ 23646 | 27.99 -0.20 0.00 | 24.82 0.17 0.00 | 23.08 -0.12 0.00 | 22.25 -0.38 0.00 | 22.05 -0.34 0.00 | 22.86 0.09 0.00 | 24.35 0.55 0.00 | 26.49 -0.34 -0.89 | 28.80 -0.11 -0.81 | 32.43 -0.19 -0.26 | 33.39 0.33 -0.07 | 34.79 0.38 0.00 | 35.82 0.21 0.00 | 37.54 0.16 0.00 | 39.30 0.21 0.00 | 42.06 0.21 -0.55 | 45.04 0.74 -0.53 | 47.63 0.83 -0.53 | 44.71 0.70 0.00 | 41.20 0.89 0.00 | 36.57 1.44 0.00 | 35.03 1.48 0.00 | 30.58 0.80 0.00 | 27.78 0.94 0.00 |
| RAVENSWOOD_GT2_1 24244 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.36 1.97 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.20 2.65 -4.61 | 34.94 2.81 -4.03 | 37.59 3.37 -1.86 | 36.93 3.03 -0.90 | 38.01 3.20 -0.39 | 39.53 3.24 -0.68 | 41.61 3.35 -0.56 | 43.34 3.68 -0.53 | 46.87 4.14 -0.87 | 52.26 4.46 -4.05 | 54.55 4.67 -3.62 | 48.18 3.74 -0.43 | 43.49 3.18 0.00 | 37.35 2.21 0.00 | 35.71 2.15 0.00 | 32.19 2.11 -0.31 | 28.96 2.12 0.00 |
| RAVENSWOOD_GT2_2 24245 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.36 1.97 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.20 2.65 -4.61 | 34.94 2.81 -4.03 | 37.59 3.37 -1.86 | 36.93 3.03 -0.90 | 38.01 3.20 -0.39 | 39.53 3.24 -0.68 | 41.61 3.35 -0.56 | 43.34 3.68 -0.53 | 46.87 4.14 -0.87 | 52.26 4.46 -4.05 | 54.55 4.67 -3.62 | 48.18 3.74 -0.43 | 43.49 3.18 0.00 | 37.35 2.21 0.00 | 35.71 2.15 0.00 | 32.19 2.11 -0.31 | 28.96 2.12 0.00 |
| RAVENSWOOD_GT2_3 24246 | 31.09 2.76 -0.14 | 26.89 2.24 0.00 | 25.26 2.06 0.00 | 24.67 2.04 0.00 | 24.36 1.97 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.22 2.67 -4.61 | 34.94 2.81 -4.03 | 37.59 3.37 -1.86 | 36.96 3.07 -0.90 | 38.04 3.23 -0.39 | 39.56 3.27 -0.68 | 41.65 3.39 -0.56 | 43.39 3.72 -0.53 | 46.91 4.18 -0.87 | 52.30 4.51 -4.05 | 54.60 4.72 -3.62 | 48.23 3.79 -0.43 | 43.54 3.23 0.00 | 37.35 2.21 0.00 | 35.74 2.18 0.00 | 32.22 2.14 -0.31 | 28.96 2.12 0.00 |
| RAVENSWOOD_GT2_4 24247 | 31.09 2.76 -0.14 | 26.89 2.24 0.00 | 25.26 2.06 0.00 | 24.67 2.04 0.00 | 24.36 1.97 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.22 2.67 -4.61 | 34.94 2.81 -4.03 | 37.59 3.37 -1.86 | 36.96 3.07 -0.90 | 38.04 3.23 -0.39 | 39.56 3.27 -0.68 | 41.65 3.39 -0.56 | 43.39 3.72 -0.53 | 46.91 4.18 -0.87 | 52.30 4.51 -4.05 | 54.60 4.72 -3.62 | 48.23 3.79 -0.43 | 43.54 3.23 0.00 | 37.35 2.21 0.00 | 35.74 2.18 0.00 | 32.22 2.14 -0.31 | 28.96 2.12 0.00 |
| RAVENSWOOD_GT3_1 24248 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.36 1.97 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.20 2.65 -4.61 | 34.94 2.81 -4.03 | 37.59 3.37 -1.86 | 36.93 3.03 -0.90 | 38.04 3.23 -0.39 | 39.56 3.27 -0.68 | 41.61 3.35 -0.56 | 43.34 3.68 -0.53 | 46.87 4.14 -0.87 | 52.26 4.46 -4.05 | 54.55 4.67 -3.62 | 48.23 3.79 -0.43 | 43.49 3.18 0.00 | 37.35 2.21 0.00 | 35.71 2.15 0.00 | 32.19 2.11 -0.31 | 28.96 2.12 0.00 |
| RAVENSWOOD_GT3_2 24249 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.36 1.97 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.20 2.65 -4.61 | 34.94 2.81 -4.03 | 37.59 3.37 -1.86 | 36.93 3.03 -0.90 | 38.04 3.23 -0.39 | 39.56 3.27 -0.68 | 41.61 3.35 -0.56 | 43.34 3.68 -0.53 | 46.87 4.14 -0.87 | 52.26 4.46 -4.05 | 54.55 4.67 -3.62 | 48.23 3.79 -0.43 | 43.49 3.18 0.00 | 37.35 2.21 0.00 | 35.71 2.15 0.00 | 32.19 2.11 -0.31 | 28.96 2.12 0.00 |
| RAVENSWOOD_GT3_3 24250 | 31.12 2.79 -0.14 | 26.91 2.27 0.00 | 25.29 2.09 0.00 | 24.69 2.06 0.00 | 24.43 2.04 0.00 | 24.84 2.07 0.00 | 25.99 2.19 0.00 | 33.27 2.70 -4.63 | 35.01 2.87 -4.04 | 37.72 3.46 -1.90 | 37.13 3.20 -0.94 | 38.13 3.30 -0.41 | 39.74 3.42 -0.72 | 41.90 3.62 -0.60 | 43.45 3.76 -0.55 | 47.08 4.31 -0.92 | 52.38 4.51 -4.13 | 54.75 4.81 -3.68 | 48.45 4.00 -0.43 | 43.70 3.39 0.00 | 37.45 2.32 0.00 | 35.81 2.25 0.00 | 32.49 2.41 -0.31 | 29.01 2.17 0.00 |
| RAVENSWOOD_GT3_4 24251 | 31.12 2.79 -0.14 | 26.91 2.27 0.00 | 25.29 2.09 0.00 | 24.71 2.08 0.00 | 24.40 2.02 0.00 | 24.84 2.07 0.00 | 25.99 2.19 0.00 | 33.25 2.70 -4.61 | 35.00 2.87 -4.03 | 37.65 3.43 -1.86 | 37.00 3.10 -0.90 | 38.11 3.30 -0.39 | 39.63 3.35 -0.68 | 41.69 3.43 -0.56 | 43.42 3.76 -0.53 | 46.95 4.23 -0.87 | 52.39 4.59 -4.05 | 54.69 4.81 -3.62 | 48.31 3.87 -0.43 | 43.57 3.26 0.00 | 37.42 2.28 0.00 | 35.77 2.21 0.00 | 32.25 2.17 -0.31 | 29.01 2.17 0.00 |
| RAVENSWOOD_GT_1 23729 | 31.22 2.88 -0.15 | 26.99 2.34 0.00 | 25.36 2.16 0.00 | 24.76 2.13 0.00 | 24.45 2.06 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.34 2.78 -4.62 | 35.08 2.95 -4.03 | 37.76 3.53 -1.87 | 37.10 3.20 -0.90 | 38.22 3.41 -0.39 | 39.71 3.42 -0.69 | 41.69 3.43 -0.57 | 43.42 3.76 -0.53 | 46.86 4.14 -0.86 | 56.58 4.46 -8.37 | 58.01 4.67 -7.08 | 52.58 3.74 -4.84 | 48.56 3.23 -5.03 | 37.42 2.28 0.00 | 36.19 2.25 -0.38 | 33.15 2.20 -1.18 | 29.07 2.23 0.00 |
| RAVENSWOOD_GT_10 24258 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.38 1.99 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.22 2.65 -4.63 | 34.95 2.81 -4.04 | 37.66 3.40 -1.90 | 37.06 3.13 -0.94 | 38.06 3.24 -0.41 | 39.67 3.35 -0.72 | 41.83 3.54 -0.60 | 43.37 3.68 -0.55 | 47.00 4.23 -0.92 | 52.29 4.42 -4.13 | 54.66 4.72 -3.68 | 48.36 3.92 -0.43 | 43.62 3.31 0.00 | 37.38 2.25 0.00 | 35.74 2.18 0.00 | 32.43 2.35 -0.31 | 28.96 2.12 0.00 |
| RAVENSWOOD_GT_11 24259 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.36 1.97 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.20 2.65 -4.61 | 34.94 2.81 -4.03 | 37.59 3.37 -1.86 | 36.93 3.03 -0.90 | 38.01 3.20 -0.39 | 39.53 3.24 -0.68 | 41.61 3.35 -0.56 | 43.34 3.68 -0.53 | 46.87 4.14 -0.87 | 52.26 4.46 -4.05 | 54.60 4.72 -3.62 | 48.23 3.79 -0.43 | 43.49 3.18 0.00 | 37.35 2.21 0.00 | 35.71 2.15 0.00 | 32.19 2.11 -0.31 | 28.96 2.12 0.00 |

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|---|------------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-----------------------|
| RAVENSWOOD_GT_4 24252 | 31.03 2.71 -0.14 | 26.86 2.22 0.00 | 25.22 2.02 0.00 | 24.65 2.01 0.00 | 24.38 1.99 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.21 2.65 -4.63 | 34.93 2.78 -4.04 | 37.62 3.37 -1.89 | 37.06 3.13 -0.94 | 38.06 3.24 -0.41 | 39.64 3.31 -0.72 | 41.84 3.54 -0.60 | 43.37 3.68 -0.55 | 47.03 4.27 -0.91 | 55.58 4.42 -7.42 | 57.30 4.72 -6.31 | 51.71 3.92 -3.79 | 47.44 3.31 -3.83 | 37.38 2.25 0.00 | 36.00 2.15 -0.29 | 33.09 2.35 -0.97 | 28.93 2.09 0.00 |
| RAVENSWOOD_GT_5 24254 | 31.03 2.71 -0.14 | 26.86 2.22 0.00 | 25.22 2.02 0.00 | 24.65 2.01 0.00 | 24.38 1.99 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.21 2.65 -4.63 | 34.93 2.78 -4.04 | 37.62 3.37 -1.89 | 37.06 3.13 -0.94 | 38.06 3.24 -0.41 | 39.64 3.31 -0.72 | 41.84 3.54 -0.60 | 43.37 3.68 -0.55 | 47.03 4.27 -0.91 | 55.58 4.42 -7.42 | 57.30 4.72 -6.31 | 51.71 3.92 -3.79 | 47.44 3.31 -3.83 | 37.38 2.25 0.00 | 36.00 2.15 -0.29 | 33.09 2.35 -0.97 | 28.93 2.09 0.00 |
| RAVENSWOOD_GT_6 24253 | 31.03 2.71 -0.14 | 26.86 2.22 0.00 | 25.22 2.02 0.00 | 24.65 2.01 0.00 | 24.38 1.99 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.21 2.65 -4.63 | 34.93 2.78 -4.04 | 37.62 3.37 -1.89 | 37.06 3.13 -0.94 | 38.06 3.24 -0.41 | 39.64 3.31 -0.72 | 41.84 3.54 -0.60 | 43.37 3.68 -0.55 | 47.03 4.27 -0.91 | 55.58 4.42 -7.42 | 57.30 4.72 -6.31 | 51.71 3.92 -3.79 | 47.44 3.31 -3.83 | 37.38 2.25 0.00 | 36.00 2.15 -0.29 | 33.09 2.35 -0.97 | 28.93 2.09 0.00 |
| RAVENSWOOD_GT_7 24255 | 31.03 2.71 -0.14 | 26.86 2.22 0.00 | 25.22 2.02 0.00 | 24.65 2.01 0.00 | 24.38 1.99 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.21 2.65 -4.63 | 34.93 2.78 -4.04 | 37.62 3.37 -1.89 | 37.06 3.13 -0.94 | 38.06 3.24 -0.41 | 39.64 3.31 -0.72 | 41.84 3.54 -0.60 | 43.37 3.68 -0.55 | 47.03 4.27 -0.91 | 55.58 4.42 -7.42 | 57.30 4.72 -6.31 | 51.71 3.92 -3.79 | 47.44 3.31 -3.83 | 37.38 2.25 0.00 | 36.00 2.15 -0.29 | 33.09 2.35 -0.97 | 28.93 2.09 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.38 1.99 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.22 2.65 -4.63 | 34.95 2.81 -4.04 | 37.66 3.40 -1.90 | 37.06 3.13 -0.94 | 38.06 3.24 -0.41 | 39.67 3.35 -0.72 | 41.83 3.54 -0.60 | 43.37 3.68 -0.55 | 47.00 4.23 -0.92 | 52.29 4.42 -4.13 | 54.66 4.72 -3.68 | 48.36 3.92 -0.43 | 43.62 3.31 0.00 | 37.38 2.25 0.00 | 35.74 2.18 0.00 | 32.43 2.35 -0.31 | 28.96 2.12 0.00 |
| RAVENSWOOD_GT_9 24257 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.36 1.97 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.20 2.65 -4.61 | 34.94 2.81 -4.03 | 37.59 3.37 -1.86 | 36.93 3.03 -0.90 | 38.01 3.20 -0.39 | 39.53 3.24 -0.68 | 41.61 3.35 -0.56 | 43.34 3.68 -0.53 | 46.87 4.14 -0.87 | 52.26 4.46 -4.05 | 54.60 4.72 -3.62 | 48.23 3.79 -0.43 | 43.49 3.18 0.00 | 37.35 2.21 0.00 | 35.71 2.15 0.00 | 32.19 2.11 -0.31 | 28.96 2.12 0.00 |
| RAVENSWOOD___1 23533 | 31.21 2.88 -0.15 | 26.99 2.34 0.00 | 25.33 2.13 0.00 | 24.74 2.11 0.00 | 24.43 2.04 0.00 | 24.84 2.07 0.00 | 25.97 2.17 0.00 | 33.31 2.75 -4.62 | 35.05 2.92 -4.03 | 37.73 3.50 -1.87 | 37.10 3.20 -0.90 | 38.18 3.37 -0.39 | 39.67 3.38 -0.68 | 41.69 3.43 -0.56 | 43.39 3.72 -0.53 | 46.83 4.10 -0.87 | 52.21 4.42 -4.05 | 54.51 4.63 -3.62 | 48.17 3.74 -0.43 | 43.49 3.18 0.00 | 37.42 2.28 0.00 | 35.81 2.25 0.00 | 32.25 2.17 -0.31 | 29.04 2.20 0.00 |
| RAVENSWOOD___2 23534 | 31.13 2.79 -0.15 | 26.91 2.27 0.00 | 25.26 2.06 0.00 | 24.69 2.06 0.00 | 24.38 1.99 0.00 | 24.77 2.00 0.00 | 25.92 2.12 0.00 | 33.26 2.70 -4.62 | 35.00 2.87 -4.03 | 37.66 3.43 -1.87 | 37.00 3.10 -0.90 | 38.08 3.27 -0.39 | 39.60 3.31 -0.68 | 41.57 3.32 -0.56 | 43.23 3.56 -0.53 | 46.53 3.81 -0.87 | 51.82 4.02 -4.05 | 54.09 4.21 -3.62 | 47.78 3.34 -0.43 | 43.33 3.02 0.00 | 37.31 2.18 0.00 | 35.71 2.15 0.00 | 32.19 2.11 -0.31 | 28.99 2.15 0.00 |
| RAVENSWOOD___3 23535 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.36 1.97 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.20 2.65 -4.61 | 34.94 2.81 -4.03 | 37.59 3.37 -1.86 | 36.93 3.03 -0.90 | 38.04 3.23 -0.39 | 39.56 3.27 -0.68 | 41.61 3.35 -0.56 | 43.34 3.68 -0.53 | 46.87 4.14 -0.87 | 52.26 4.46 -4.05 | 54.55 4.67 -3.62 | 48.23 3.79 -0.43 | 43.49 3.18 0.00 | 37.35 2.21 0.00 | 35.71 2.15 0.00 | 32.19 2.11 -0.31 | 28.96 2.12 0.00 |
| RAVENSWOOD___4 23820 | 31.18 2.85 -0.15 | 26.96 2.32 0.00 | 25.31 2.11 0.00 | 24.74 2.11 0.00 | 24.43 2.04 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.28 2.72 -4.62 | 35.02 2.89 -4.03 | 37.70 3.46 -1.87 | 37.06 3.17 -0.90 | 38.14 3.34 -0.39 | 39.66 3.38 -0.67 | 41.64 3.39 -0.56 | 43.34 3.68 -0.53 | 46.79 4.06 -0.88 | 47.91 4.37 0.21 | 51.05 4.58 -0.21 | 43.79 3.70 3.92 | 38.54 3.18 4.95 | 37.38 2.25 0.00 | 35.40 2.21 0.37 | 31.39 2.17 0.55 | 29.04 2.20 0.00 |
| RCPL_TRUST___DRP 24196 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.38 1.99 0.00 | 24.82 2.05 0.00 | 25.97 2.17 0.00 | 33.24 2.67 -4.63 | 34.98 2.84 -4.04 | 37.69 3.43 -1.90 | 37.13 3.20 -0.94 | 38.13 3.30 -0.41 | 39.71 3.38 -0.72 | 41.90 3.62 -0.60 | 43.45 3.76 -0.55 | 47.12 4.35 -0.92 | 52.38 4.51 -4.13 | 54.75 4.81 -3.68 | 48.40 3.96 -0.43 | 43.66 3.35 0.00 | 37.42 2.28 0.00 | 35.74 2.18 0.00 | 32.43 2.35 -0.31 | 28.96 2.12 0.00 |
| RED___ROCHESTER 323720 | 28.33 0.14 0.00 | 24.96 0.32 0.00 | 23.29 0.09 0.00 | 22.57 -0.07 0.00 | 22.39 0.00 0.00 | 23.04 0.27 0.00 | 24.32 0.52 0.00 | 26.90 0.31 -0.65 | 28.98 0.31 -0.57 | 32.90 0.36 -0.18 | 33.93 0.89 -0.05 | 35.24 0.82 0.00 | 36.46 0.85 0.00 | 38.78 1.09 0.00 | 39.80 0.66 0.00 | 42.82 0.96 0.00 | 44.96 0.83 -0.38 | 47.56 0.92 -0.37 | 44.93 0.93 0.00 | 41.52 1.21 0.00 | 36.79 1.65 0.00 | 35.10 1.54 0.00 | 31.26 1.49 0.00 | 27.70 0.86 0.00 |
| REGAN___SOLAR 323812 | 31.29 3.21 0.12 | 27.38 2.74 0.00 | 25.71 2.51 0.00 | 25.12 2.49 0.00 | 24.85 2.46 0.00 | 25.54 2.78 0.00 | 26.70 2.90 0.00 | 34.68 3.03 -5.71 | 40.84 3.15 -9.59 | 38.35 3.37 -2.62 | 37.49 4.16 -0.34 | 38.47 4.37 0.32 | 39.54 4.49 0.55 | 41.04 3.81 0.46 | 42.67 3.95 0.43 | 45.50 4.35 0.71 | 53.94 4.77 -5.43 | 57.21 5.41 -5.54 | 48.45 4.80 0.35 | 44.78 4.47 0.00 | 39.42 4.28 0.00 | 37.48 3.92 0.00 | 32.83 3.30 0.25 | 29.74 2.90 0.00 |
| RENSSELAER___COGEN 23796 | 29.02 0.99 0.15 | 25.41 0.76 0.00 | 23.96 0.76 0.00 | 23.45 0.81 0.00 | 23.15 0.76 0.00 | 23.61 0.84 0.00 | 24.63 0.83 0.00 | 31.60 0.96 -4.70 | 36.11 1.04 -6.97 | 35.17 1.20 -1.61 | 34.08 1.12 0.04 | 35.16 1.17 0.43 | 36.08 1.21 0.74 | 38.32 1.24 0.62 | 39.97 1.41 0.57 | 42.41 1.50 0.95 | 48.64 1.62 -3.28 | 51.52 1.71 -3.54 | 44.72 1.19 0.47 | 41.32 1.01 0.00 | 35.84 0.70 0.00 | 34.19 0.64 0.00 | 30.00 0.56 0.33 | 27.48 0.64 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 32.42 4.40 0.17 | 28.36 3.72 0.00 | 26.70 3.50 0.00 | 26.14 3.51 0.00 | 25.84 3.45 0.00 | 26.50 3.73 0.00 | 27.68 3.88 0.00 | 35.19 4.41 -4.84 | 43.21 5.03 -10.08 | 40.80 5.86 -2.58 | 39.68 6.50 -0.19 | 40.54 6.57 0.45 | 41.38 6.55 0.78 | 43.90 6.86 0.65 | 45.58 7.05 0.60 | 48.05 7.20 1.00 | 56.75 7.70 -5.31 | 59.98 8.19 -5.53 | 50.80 7.31 0.52 | 46.96 6.65 0.00 | 41.32 6.18 0.00 | 39.16 5.60 0.00 | 34.11 4.70 0.37 | 30.95 4.11 0.00 |

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|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| REVERE_CPPR_DRP 24186 | 29.15 0.96 0.00 | 25.51 0.86 0.00 | 23.92 0.72 0.00 | 23.38 0.75 0.00 | 23.13 0.74 0.00 | 23.56 0.80 0.00 | 24.63 0.83 0.00 | 27.02 0.83 -0.25 | 29.08 0.98 0.00 | 33.46 1.10 0.00 | 34.28 1.29 0.00 | 35.83 1.41 0.00 | 37.03 1.42 0.00 | 39.09 1.39 0.00 | 40.63 1.49 0.00 | 43.32 1.46 0.00 | 45.23 1.49 0.00 | 47.98 1.71 0.00 | 45.77 1.76 0.00 | 41.84 1.53 0.00 | 36.68 1.55 0.00 | 35.03 1.48 0.00 | 30.81 1.04 0.00 | 27.67 0.83 0.00 |
| REYNOLDS_115KV_TB3 80639 | 29.19 1.18 0.18 | 25.58 0.94 0.00 | 24.13 0.93 0.00 | 23.63 1.00 0.00 | 23.33 0.94 0.00 | 23.79 1.02 0.00 | 24.80 1.00 0.00 | 31.73 1.14 -4.64 | 36.65 1.24 -7.31 | 35.46 1.46 -1.64 | 34.28 1.39 0.09 | 35.34 1.41 0.49 | 36.22 1.46 0.84 | 38.61 1.62 0.70 | 40.21 1.72 0.65 | 42.61 1.84 1.08 | 49.03 1.97 -3.32 | 51.92 2.04 -3.62 | 45.03 1.58 0.56 | 41.64 1.33 0.00 | 36.08 0.95 0.00 | 34.40 0.84 0.00 | 30.27 0.89 0.39 | 27.67 0.83 0.00 |
| RIVERBAY____ 323610 | 31.58 3.24 -0.15 | 27.31 2.66 -0.01 | 25.64 2.44 -0.01 | 25.04 2.40 -0.01 | 24.75 2.35 -0.01 | 25.04 2.28 0.00 | 26.04 2.24 0.00 | 33.43 2.85 -4.64 | 35.09 2.95 -4.04 | 37.83 3.56 -1.91 | 37.36 3.43 -0.94 | 38.37 3.54 -0.41 | 39.92 3.60 -0.72 | 41.87 3.58 -0.60 | 43.29 3.60 -0.55 | 46.95 4.19 -0.92 | 52.25 4.37 -4.13 | 54.57 4.63 -3.68 | 48.39 3.96 -0.43 | 43.62 3.31 0.00 | 37.42 2.28 0.00 | 35.84 2.28 0.00 | 32.58 2.50 -0.31 | 29.26 2.42 0.00 |
| RIVERSDE_115KV_TB3 55908 | 29.15 1.13 0.17 | 25.55 0.91 0.00 | 24.08 0.88 0.00 | 23.56 0.93 0.00 | 23.28 0.90 0.00 | 23.75 0.98 0.00 | 24.75 0.95 0.00 | 31.73 1.09 -4.70 | 36.74 1.21 -7.43 | 35.49 1.39 -1.73 | 34.35 1.39 0.03 | 35.38 1.41 0.45 | 36.29 1.46 0.78 | 38.63 1.58 0.64 | 40.18 1.64 0.60 | 42.66 1.80 0.99 | 49.15 1.88 -3.53 | 52.05 1.99 -3.79 | 44.99 1.50 0.51 | 41.56 1.25 0.00 | 36.05 0.91 0.00 | 34.36 0.81 0.00 | 30.27 0.86 0.36 | 27.62 0.78 0.00 |
| ROARING__BROOK_WT_PWR 323790 | 27.79 -0.39 0.00 | 24.32 -0.32 0.00 | 22.92 -0.28 0.00 | 22.36 -0.27 0.00 | 22.14 -0.25 0.00 | 22.54 -0.23 0.00 | 23.61 -0.19 0.00 | 25.79 -0.15 0.00 | 27.99 -0.11 0.00 | 32.27 -0.10 0.00 | 32.89 -0.10 0.00 | 34.35 -0.07 0.00 | 35.50 -0.11 0.00 | 37.62 -0.08 0.00 | 39.02 -0.12 0.00 | 41.73 -0.13 0.00 | 43.66 -0.09 0.00 | 46.22 -0.05 0.00 | 44.10 0.09 0.00 | 40.35 0.04 0.00 | 35.13 0.00 0.00 | 33.49 -0.07 0.00 | 29.65 -0.12 0.00 | 26.68 -0.16 0.00 |
| ROCHESRG_115KV_T4 355643 | 27.93 -0.25 0.00 | 24.64 0.00 0.00 | 23.01 -0.19 0.00 | 22.29 -0.34 0.00 | 22.10 -0.29 0.00 | 22.74 -0.02 0.00 | 24.01 0.21 0.00 | 26.53 -0.05 -0.65 | 28.55 -0.11 -0.57 | 32.35 -0.19 -0.18 | 33.17 0.13 -0.05 | 34.59 0.17 0.00 | 35.71 0.11 0.00 | 37.54 -0.15 0.00 | 39.10 -0.04 0.00 | 41.85 0.00 0.00 | 44.43 0.31 -0.38 | 46.87 0.23 -0.37 | 44.18 0.18 0.00 | 40.71 0.40 0.00 | 36.08 0.95 0.00 | 34.50 0.94 0.00 | 30.22 0.45 0.00 | 27.32 0.48 0.00 |
| ROCHESTER_9_IC 23652 | 28.16 -0.03 0.00 | 24.82 0.17 0.00 | 23.18 -0.02 0.00 | 22.43 -0.20 0.00 | 22.23 -0.16 0.00 | 22.90 0.14 0.00 | 24.20 0.40 0.00 | 26.72 0.13 -0.65 | 28.78 0.11 -0.57 | 32.64 0.10 -0.18 | 33.47 0.43 -0.05 | 34.90 0.48 0.00 | 36.07 0.46 0.00 | 37.88 0.19 0.00 | 39.49 0.35 0.00 | 42.23 0.38 0.00 | 44.83 0.70 -0.39 | 47.24 0.60 -0.37 | 44.54 0.53 0.00 | 41.04 0.73 0.00 | 36.40 1.26 0.00 | 34.83 1.28 0.00 | 30.49 0.71 0.00 | 27.54 0.70 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 30.98 2.65 -0.14 | 26.84 2.19 0.00 | 25.22 2.02 0.00 | 24.65 2.01 0.00 | 24.34 1.95 0.00 | 24.79 2.03 0.00 | 25.94 2.14 0.00 | 33.17 2.59 -4.63 | 34.90 2.75 -4.04 | 37.63 3.37 -1.90 | 37.10 3.17 -0.94 | 38.13 3.30 -0.41 | 39.71 3.38 -0.72 | 41.90 3.62 -0.60 | 43.49 3.80 -0.55 | 47.08 4.31 -0.92 | 52.38 4.51 -4.13 | 54.75 4.81 -3.68 | 48.53 4.09 -0.43 | 43.74 3.43 0.00 | 37.52 2.39 0.00 | 35.81 2.25 0.00 | 32.43 2.35 -0.31 | 28.93 2.09 0.00 |
| ROME____115KV_TB2 80656 | 29.15 0.96 0.00 | 25.51 0.86 0.00 | 23.92 0.72 0.00 | 23.38 0.75 0.00 | 23.13 0.74 0.00 | 23.56 0.80 0.00 | 24.63 0.83 0.00 | 27.02 0.83 -0.25 | 29.08 0.98 0.00 | 33.46 1.10 0.00 | 34.28 1.29 0.00 | 35.83 1.41 0.00 | 37.03 1.42 0.00 | 39.09 1.39 0.00 | 40.63 1.49 0.00 | 43.32 1.46 0.00 | 45.23 1.49 0.00 | 47.98 1.71 0.00 | 45.77 1.76 0.00 | 41.84 1.53 0.00 | 36.68 1.55 0.00 | 35.03 1.48 0.00 | 30.81 1.04 0.00 | 27.67 0.83 0.00 |
| ROSETON__1 23587 | 30.26 1.94 -0.13 | 26.24 1.60 0.00 | 24.71 1.51 0.00 | 24.15 1.52 0.00 | 23.82 1.43 0.00 | 24.32 1.55 0.00 | 25.42 1.62 0.00 | 32.41 1.89 -4.57 | 34.08 2.00 -3.99 | 36.55 2.39 -1.80 | 35.98 2.14 -0.85 | 37.08 2.31 -0.36 | 38.57 2.35 -0.62 | 40.62 2.41 -0.51 | 42.31 2.70 -0.48 | 45.61 2.97 -0.79 | 50.88 3.24 -3.90 | 53.19 3.42 -3.50 | 47.04 2.64 -0.39 | 42.53 2.22 0.00 | 36.68 1.54 0.00 | 35.03 1.47 0.00 | 31.51 1.46 -0.28 | 28.32 1.48 0.00 |
| ROSETON__2 23588 | 30.26 1.94 -0.13 | 26.24 1.60 0.00 | 24.71 1.51 0.00 | 24.15 1.52 0.00 | 23.82 1.43 0.00 | 24.32 1.55 0.00 | 25.42 1.62 0.00 | 32.41 1.89 -4.57 | 34.08 2.00 -3.99 | 36.55 2.39 -1.80 | 35.98 2.14 -0.85 | 37.08 2.31 -0.36 | 38.57 2.35 -0.62 | 40.62 2.41 -0.51 | 42.31 2.70 -0.48 | 45.61 2.97 -0.79 | 50.88 3.24 -3.90 | 53.19 3.42 -3.50 | 47.04 2.64 -0.39 | 42.53 2.22 0.00 | 36.68 1.54 0.00 | 35.03 1.47 0.00 | 31.51 1.46 -0.28 | 28.32 1.48 0.00 |
| ROTTDAM_115KV_TB3 80664 | 29.52 1.47 0.14 | 25.88 1.23 0.00 | 24.36 1.16 0.00 | 23.81 1.18 0.00 | 23.53 1.14 0.00 | 24.00 1.23 0.00 | 25.06 1.26 0.00 | 32.36 1.43 -5.00 | 40.35 1.55 -10.71 | 37.06 1.78 -2.92 | 35.18 1.81 -0.38 | 35.92 1.86 0.36 | 36.91 1.92 0.62 | 39.21 2.04 0.52 | 40.81 2.15 0.48 | 43.36 2.30 0.79 | 52.24 2.45 -6.05 | 55.03 2.59 -6.17 | 45.70 2.11 0.42 | 42.20 1.89 0.00 | 36.64 1.51 0.00 | 34.93 1.38 0.00 | 30.79 1.31 0.29 | 28.02 1.18 0.00 |
| RUSSELL__1 23602 | 28.33 0.14 0.00 | 24.96 0.32 0.00 | 23.32 0.12 0.00 | 22.56 -0.07 0.00 | 22.37 -0.02 0.00 | 23.04 0.27 0.00 | 24.32 0.52 0.00 | 26.90 0.31 -0.65 | 28.98 0.31 -0.57 | 32.87 0.32 -0.18 | 33.70 0.66 -0.05 | 35.17 0.76 0.00 | 36.32 0.71 0.00 | 38.18 0.49 0.00 | 39.77 0.63 0.00 | 42.52 0.67 0.00 | 45.18 1.05 -0.39 | 47.56 0.93 -0.37 | 44.80 0.79 0.00 | 41.32 1.01 0.00 | 36.68 1.55 0.00 | 35.10 1.54 0.00 | 30.69 0.92 0.00 | 27.70 0.86 0.00 |
| RUSSELL__2 23532 | 28.33 0.14 0.00 | 24.96 0.32 0.00 | 23.32 0.12 0.00 | 22.56 -0.07 0.00 | 22.37 -0.02 0.00 | 23.04 0.27 0.00 | 24.32 0.52 0.00 | 26.90 0.31 -0.65 | 28.98 0.31 -0.57 | 32.87 0.32 -0.18 | 33.70 0.66 -0.05 | 35.17 0.76 0.00 | 36.32 0.71 0.00 | 38.18 0.49 0.00 | 39.77 0.63 0.00 | 42.52 0.67 0.00 | 45.18 1.05 -0.39 | 47.56 0.93 -0.37 | 44.80 0.79 0.00 | 41.32 1.01 0.00 | 36.68 1.55 0.00 | 35.10 1.54 0.00 | 30.69 0.92 0.00 | 27.70 0.86 0.00 |
| RUSSELL__3 23549 | 28.33 0.14 0.00 | 24.96 0.32 0.00 | 23.32 0.12 0.00 | 22.56 -0.07 0.00 | 22.37 -0.02 0.00 | 23.04 0.27 0.00 | 24.32 0.52 0.00 | 26.90 0.31 -0.65 | 28.98 0.31 -0.57 | 32.87 0.32 -0.18 | 33.70 0.66 -0.05 | 35.17 0.76 0.00 | 36.32 0.71 0.00 | 38.18 0.49 0.00 | 39.77 0.63 0.00 | 42.52 0.67 0.00 | 45.18 1.05 -0.39 | 47.56 0.93 -0.37 | 44.80 0.79 0.00 | 41.32 1.01 0.00 | 36.68 1.55 0.00 | 35.10 1.54 0.00 | 30.69 0.92 0.00 | 27.70 0.86 0.00 |

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| RUSSELL___4 23556 | 28.33 0.14 0.00 | 24.96 0.32 0.00 | 23.32 0.12 0.00 | 22.56 -0.07 0.00 | 22.37 -0.02 0.00 | 23.04 0.27 0.00 | 24.32 0.52 0.00 | 26.90 0.31 -0.65 | 28.98 0.31 -0.57 | 32.87 0.32 -0.18 | 33.70 0.66 -0.05 | 35.17 0.76 0.00 | 36.32 0.71 0.00 | 38.18 0.49 0.00 | 39.77 0.63 0.00 | 42.52 0.67 0.00 | 45.18 1.05 -0.39 | 47.56 0.93 -0.37 | 44.80 0.79 0.00 | 41.32 1.01 0.00 | 36.68 1.55 0.00 | 35.10 1.54 0.00 | 30.69 0.92 0.00 | 27.70 0.86 0.00 |
| RUSSELL___STATION 23914 | 28.33 0.14 0.00 | 24.96 0.32 0.00 | 23.32 0.12 0.00 | 22.56 -0.07 0.00 | 22.37 -0.02 0.00 | 23.04 0.27 0.00 | 24.32 0.52 0.00 | 26.90 0.31 -0.65 | 28.98 0.31 -0.57 | 32.87 0.32 -0.18 | 33.70 0.66 -0.05 | 35.17 0.76 0.00 | 36.32 0.71 0.00 | 38.18 0.49 0.00 | 39.77 0.63 0.00 | 42.52 0.67 0.00 | 45.18 1.05 -0.39 | 47.56 0.93 -0.37 | 44.80 0.79 0.00 | 41.32 1.01 0.00 | 36.68 1.55 0.00 | 35.10 1.54 0.00 | 30.69 0.92 0.00 | 27.70 0.86 0.00 |
| S SALMON___HYD 24043 | 27.91 -0.28 0.00 | 24.44 -0.20 0.00 | 22.92 -0.28 0.00 | 22.38 -0.25 0.00 | 22.16 -0.22 0.00 | 22.61 -0.16 0.00 | 23.63 -0.17 0.00 | 26.11 -0.21 -0.38 | 28.15 -0.25 -0.30 | 32.20 -0.26 -0.10 | 32.85 -0.16 -0.03 | 34.21 -0.21 0.00 | 35.32 -0.29 0.00 | 37.43 -0.26 0.00 | 38.75 -0.39 0.00 | 41.39 -0.46 0.00 | 43.34 -0.61 -0.20 | 45.95 -0.51 -0.20 | 43.61 -0.40 0.00 | 40.03 -0.28 0.00 | 35.06 -0.07 0.00 | 33.69 0.13 0.00 | 29.83 0.06 0.00 | 26.76 -0.08 0.00 |
| S.PERRY___115KV_TB1 80734 | 29.09 0.90 0.00 | 25.65 1.01 0.00 | 23.92 0.72 0.00 | 23.15 0.52 0.00 | 22.97 0.58 0.00 | 23.77 1.00 0.00 | 25.06 1.26 0.00 | 27.53 0.67 -0.92 | 29.56 0.62 -0.84 | 33.31 0.68 -0.27 | 33.03 -0.03 -0.07 | 34.38 -0.03 0.00 | 35.36 -0.25 0.00 | 37.39 -0.30 0.00 | 39.06 -0.08 0.00 | 41.81 -0.04 0.00 | 44.66 0.35 -0.57 | 47.42 0.60 -0.55 | 44.84 0.84 0.00 | 41.68 1.37 0.00 | 37.14 2.00 0.00 | 35.57 2.01 0.00 | 31.80 2.02 0.00 | 28.67 1.83 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 27.68 -0.51 0.00 | 24.57 -0.07 0.00 | 22.85 -0.35 0.00 | 22.04 -0.59 0.00 | 21.83 -0.56 0.00 | 22.61 -0.16 0.00 | 24.09 0.29 0.00 | 26.27 -0.52 -0.85 | 28.39 -0.48 -0.77 | 31.99 -0.61 -0.25 | 32.92 -0.13 -0.06 | 34.31 -0.10 0.00 | 35.36 -0.25 0.00 | 36.97 -0.72 0.00 | 38.75 -0.39 0.00 | 41.48 -0.38 0.00 | 44.40 0.13 -0.52 | 46.91 0.14 -0.51 | 44.14 0.13 0.00 | 40.71 0.40 0.00 | 36.15 1.02 0.00 | 34.63 1.07 0.00 | 30.22 0.45 0.00 | 27.48 0.64 0.00 |
| SAWYER___23_KV_LOAD 55526 | 27.68 -0.51 0.00 | 24.57 -0.07 0.00 | 22.85 -0.35 0.00 | 22.04 -0.59 0.00 | 21.83 -0.56 0.00 | 22.61 -0.16 0.00 | 24.09 0.29 0.00 | 26.27 -0.52 -0.85 | 28.39 -0.48 -0.77 | 31.99 -0.61 -0.25 | 32.92 -0.13 -0.06 | 34.31 -0.10 0.00 | 35.36 -0.25 0.00 | 36.97 -0.72 0.00 | 38.75 -0.39 0.00 | 41.48 -0.38 0.00 | 44.40 0.13 -0.52 | 46.91 0.14 -0.51 | 44.14 0.13 0.00 | 40.71 0.40 0.00 | 36.15 1.02 0.00 | 34.63 1.07 0.00 | 30.22 0.45 0.00 | 27.48 0.64 0.00 |
| SELKIRK___I 23801 | 29.35 1.27 0.10 | 25.70 1.06 0.00 | 24.22 1.02 0.00 | 23.67 1.04 0.00 | 23.40 1.01 0.00 | 23.86 1.09 0.00 | 24.90 1.10 0.00 | 31.92 1.22 -4.76 | 35.48 1.29 -6.09 | 35.39 1.49 -1.54 | 34.54 1.45 -0.10 | 35.61 1.48 0.29 | 36.64 1.53 0.50 | 38.86 1.58 0.41 | 40.52 1.76 0.38 | 43.02 1.80 0.63 | 48.88 1.97 -3.17 | 51.66 2.08 -3.31 | 45.27 1.58 0.32 | 41.72 1.41 0.00 | 36.26 1.12 0.00 | 34.60 1.04 0.00 | 30.47 0.92 0.22 | 27.78 0.94 0.00 |
| SELKIRK___II 23799 | 29.17 1.10 0.12 | 25.53 0.89 0.00 | 24.06 0.86 0.00 | 23.51 0.88 0.00 | 23.22 0.83 0.00 | 23.70 0.93 0.00 | 24.73 0.93 0.00 | 31.78 1.06 -4.77 | 35.53 1.13 -6.30 | 35.20 1.30 -1.55 | 34.26 1.22 -0.05 | 35.36 1.27 0.33 | 36.35 1.32 0.57 | 38.57 1.35 0.47 | 40.22 1.52 0.44 | 42.75 1.63 0.73 | 48.66 1.75 -3.16 | 51.46 1.85 -3.34 | 44.96 1.32 0.36 | 41.44 1.13 0.00 | 35.98 0.84 0.00 | 34.33 0.77 0.00 | 30.20 0.69 0.26 | 27.59 0.75 0.00 |
| SENECA OSWGO___HYD 24041 | 27.74 -0.45 0.00 | 24.30 -0.35 0.00 | 22.83 -0.37 0.00 | 22.25 -0.38 0.00 | 22.05 -0.34 0.00 | 22.49 -0.27 0.00 | 23.52 -0.28 0.00 | 26.02 -0.34 -0.42 | 28.05 -0.39 -0.34 | 32.05 -0.42 -0.11 | 32.76 -0.27 -0.03 | 34.14 -0.28 0.00 | 35.29 -0.32 0.00 | 37.31 -0.38 0.00 | 38.63 -0.51 0.00 | 41.35 -0.50 0.00 | 43.50 -0.48 -0.23 | 46.03 -0.46 -0.23 | 43.57 -0.44 0.00 | 39.91 -0.40 0.00 | 34.92 -0.21 0.00 | 33.42 -0.13 0.00 | 29.65 -0.12 0.00 | 26.65 -0.19 0.00 |
| SENECA___115KV_TB3 355854 | 28.02 -0.17 0.00 | 24.86 0.22 0.00 | 23.13 -0.07 0.00 | 22.29 -0.34 0.00 | 22.10 -0.29 0.00 | 22.90 0.14 0.00 | 24.40 0.60 0.00 | 26.54 -0.29 -0.89 | 28.82 -0.08 -0.81 | 32.49 -0.13 -0.26 | 33.46 0.40 -0.07 | 34.86 0.45 0.00 | 35.89 0.28 0.00 | 37.62 -0.08 0.00 | 39.37 0.23 0.00 | 42.14 0.29 0.00 | 45.12 0.83 -0.55 | 47.72 0.93 -0.53 | 44.80 0.79 0.00 | 41.28 0.97 0.00 | 36.64 1.51 0.00 | 35.10 1.54 0.00 | 30.63 0.86 0.00 | 27.83 0.99 0.00 |
| SENECA___ENERGY 23797 | 28.33 0.14 0.00 | 24.82 0.17 0.00 | 23.22 0.02 0.00 | 22.57 -0.07 0.00 | 22.41 0.02 0.00 | 22.99 0.23 0.00 | 24.16 0.36 0.00 | 26.88 0.26 -0.68 | 28.99 0.28 -0.61 | 32.91 0.36 -0.19 | 33.74 0.69 -0.05 | 35.00 0.58 0.00 | 36.21 0.60 0.00 | 38.33 0.64 0.00 | 39.53 0.39 0.00 | 42.44 0.59 0.00 | 44.77 0.61 -0.41 | 47.45 0.79 -0.40 | 44.67 0.66 0.00 | 40.99 0.68 0.00 | 36.01 0.88 0.00 | 34.43 0.87 0.00 | 30.58 0.80 0.00 | 27.32 0.48 0.00 |
| SHOEMAKER___GT 23640 | 30.05 1.75 -0.11 | 26.10 1.45 0.00 | 24.54 1.35 0.00 | 23.99 1.36 0.00 | 23.64 1.25 0.00 | 24.18 1.41 0.00 | 25.25 1.45 0.00 | 31.73 1.64 -4.15 | 33.46 1.71 -3.65 | 35.99 2.01 -1.62 | 35.52 1.78 -0.75 | 36.62 1.89 -0.31 | 38.17 2.03 -0.54 | 40.28 2.15 -0.44 | 41.90 2.35 -0.41 | 45.13 2.60 -0.68 | 50.09 2.84 -3.51 | 52.43 3.01 -3.16 | 46.59 2.24 -0.34 | 42.24 1.93 0.00 | 36.54 1.41 0.00 | 34.93 1.38 0.00 | 31.32 1.31 -0.24 | 28.15 1.31 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 30.02 1.72 -0.11 | 26.10 1.45 0.00 | 24.54 1.35 0.00 | 23.97 1.34 0.00 | 23.64 1.25 0.00 | 24.18 1.41 0.00 | 25.25 1.45 0.00 | 31.72 1.63 -4.14 | 33.48 1.74 -3.63 | 36.04 2.04 -1.64 | 35.68 1.91 -0.78 | 36.70 1.96 -0.33 | 38.27 2.10 -0.57 | 40.46 2.30 -0.47 | 41.96 2.39 -0.44 | 45.30 2.72 -0.72 | 50.15 2.84 -3.56 | 52.47 3.01 -3.19 | 46.72 2.38 -0.34 | 42.28 1.98 0.00 | 36.54 1.41 0.00 | 34.93 1.38 0.00 | 31.47 1.46 -0.24 | 28.16 1.32 0.00 |
| SHOREHAM_IC_1 23715 | 38.56 3.44 -6.93 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.74 2.58 -4.53 | 29.86 2.51 -4.96 | 30.47 2.62 -5.09 | 33.60 2.78 -7.02 | 36.53 3.32 -7.27 | 37.83 3.63 -6.10 | 38.46 4.11 -1.99 | 38.16 3.17 -2.01 | 38.89 3.55 -0.93 | 45.20 3.88 -5.71 | 112.93 3.65 -71.58 | 67.34 4.03 -24.17 | 74.56 4.56 -28.14 | 70.13 4.73 -21.66 | 168.75 5.04 -117.44 | 79.70 4.00 -31.69 | 43.88 3.51 -0.06 | 48.37 2.32 -10.92 | 40.34 2.38 -4.40 | 32.65 2.32 -0.55 | 31.36 2.93 -1.60 |
| SHOREHAM_IC_2 23716 | 38.56 3.44 -6.93 | 37.63 2.86 -10.13 | 36.62 2.67 -10.75 | 29.74 2.58 -4.53 | 29.86 2.51 -4.96 | 30.47 2.62 -5.09 | 33.60 2.78 -7.02 | 36.53 3.32 -7.27 | 37.83 3.63 -6.10 | 38.46 4.11 -1.99 | 38.16 3.17 -2.01 | 38.89 3.55 -0.93 | 45.20 3.88 -5.71 | 112.93 3.65 -71.58 | 67.34 4.03 -24.17 | 74.56 4.56 -28.14 | 70.13 4.73 -21.66 | 168.75 5.04 -117.44 | 79.70 4.00 -31.69 | 43.88 3.51 -0.06 | 48.37 2.32 -10.92 | 40.34 2.38 -4.40 | 32.65 2.32 -0.55 | 31.36 2.93 -1.60 |

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| SISSONVILLE____ 23735 | 26.84 -1.35 0.00 | 23.44 -1.21 0.00 | 22.16 -1.04 0.00 | 21.61 -1.02 0.00 | 21.40 -0.99 0.00 | 21.79 -0.98 0.00 | 22.71 -1.09 0.00 | 24.77 -1.17 0.00 | 26.89 -1.21 0.00 | 30.94 -1.42 0.00 | 31.47 -1.52 0.00 | 32.83 -1.58 0.00 | 34.04 -1.57 0.00 | 36.07 -1.62 0.00 | 37.38 -1.76 0.00 | 39.80 -2.05 0.00 | 41.34 -2.41 0.00 | 43.91 -2.36 0.00 | 41.76 -2.24 0.00 | 38.37 -1.93 0.00 | 33.76 -1.37 0.00 | 32.32 -1.24 0.00 | 28.46 -1.31 0.00 | 25.58 -1.26 0.00 |
| SITHE_IND_GS1 24169 | 27.37 -0.82 0.00 | 23.98 -0.66 0.00 | 22.55 -0.65 0.00 | 21.98 -0.66 0.00 | 21.76 -0.63 0.00 | 22.20 -0.57 0.00 | 23.21 -0.59 0.00 | 25.57 -0.70 -0.33 | 27.34 -0.76 0.00 | 31.49 -0.87 0.00 | 32.23 -0.76 0.00 | 33.59 -0.83 0.00 | 34.75 -0.85 0.00 | 36.79 -0.90 0.00 | 38.12 -1.02 0.00 | 40.81 -1.04 0.00 | 42.61 -1.14 0.00 | 45.11 -1.15 0.00 | 42.91 -1.10 0.00 | 39.34 -0.97 0.00 | 34.39 -0.74 0.00 | 32.85 -0.71 0.00 | 29.18 -0.60 0.00 | 26.22 -0.62 0.00 |
| SITHE_IND_GS2 24170 | 27.37 -0.82 0.00 | 23.98 -0.66 0.00 | 22.55 -0.65 0.00 | 21.98 -0.66 0.00 | 21.76 -0.63 0.00 | 22.20 -0.57 0.00 | 23.21 -0.59 0.00 | 25.57 -0.70 -0.33 | 27.34 -0.76 0.00 | 31.49 -0.87 0.00 | 32.23 -0.76 0.00 | 33.59 -0.83 0.00 | 34.75 -0.85 0.00 | 36.79 -0.90 0.00 | 38.12 -1.02 0.00 | 40.81 -1.04 0.00 | 42.61 -1.14 0.00 | 45.11 -1.15 0.00 | 42.91 -1.10 0.00 | 39.34 -0.97 0.00 | 34.39 -0.74 0.00 | 32.85 -0.71 0.00 | 29.18 -0.60 0.00 | 26.22 -0.62 0.00 |
| SITHE_IND_GS3 24171 | 27.37 -0.82 0.00 | 23.98 -0.66 0.00 | 22.55 -0.65 0.00 | 21.98 -0.66 0.00 | 21.76 -0.63 0.00 | 22.20 -0.57 0.00 | 23.21 -0.59 0.00 | 25.57 -0.70 -0.33 | 27.34 -0.76 0.00 | 31.49 -0.87 0.00 | 32.23 -0.76 0.00 | 33.59 -0.83 0.00 | 34.75 -0.85 0.00 | 36.79 -0.90 0.00 | 38.12 -1.02 0.00 | 40.81 -1.04 0.00 | 42.61 -1.14 0.00 | 45.11 -1.15 0.00 | 42.91 -1.10 0.00 | 39.34 -0.97 0.00 | 34.39 -0.74 0.00 | 32.85 -0.71 0.00 | 29.18 -0.60 0.00 | 26.22 -0.62 0.00 |
| SITHE_IND_GS4 24172 | 27.37 -0.82 0.00 | 23.98 -0.66 0.00 | 22.55 -0.65 0.00 | 21.98 -0.66 0.00 | 21.76 -0.63 0.00 | 22.20 -0.57 0.00 | 23.21 -0.59 0.00 | 25.57 -0.70 -0.33 | 27.34 -0.76 0.00 | 31.49 -0.87 0.00 | 32.23 -0.76 0.00 | 33.59 -0.83 0.00 | 34.75 -0.85 0.00 | 36.79 -0.90 0.00 | 38.12 -1.02 0.00 | 40.81 -1.04 0.00 | 42.61 -1.14 0.00 | 45.11 -1.15 0.00 | 42.91 -1.10 0.00 | 39.34 -0.97 0.00 | 34.39 -0.74 0.00 | 32.85 -0.71 0.00 | 29.18 -0.60 0.00 | 26.22 -0.62 0.00 |
| SITHE____BATAVIA 24024 | 28.33 0.14 0.00 | 25.06 0.42 0.00 | 23.36 0.16 0.00 | 22.57 -0.07 0.00 | 22.43 0.04 0.00 | 23.18 0.41 0.00 | 24.58 0.78 0.00 | 26.92 0.23 -0.75 | 29.02 0.25 -0.67 | 32.81 0.23 -0.22 | 34.10 1.06 -0.06 | 35.34 0.93 0.00 | 36.57 0.96 0.00 | 38.82 1.13 0.00 | 39.69 0.55 0.00 | 42.77 0.92 0.00 | 44.99 0.79 -0.45 | 47.77 1.06 -0.44 | 45.11 1.10 0.00 | 41.84 1.53 0.00 | 37.28 2.14 0.00 | 35.54 1.98 0.00 | 31.77 1.99 0.00 | 28.05 1.21 0.00 |
| SITHE____INDEPEND 23800 | 27.37 -0.82 0.00 | 23.98 -0.67 0.00 | 22.55 -0.65 0.00 | 21.98 -0.66 0.00 | 21.76 -0.63 0.00 | 22.20 -0.57 0.00 | 23.21 -0.60 0.00 | 25.57 -0.70 -0.33 | 27.34 -0.76 0.00 | 31.49 -0.87 0.00 | 32.17 -0.82 0.00 | 33.59 -0.83 0.00 | 34.72 -0.89 0.00 | 36.67 -1.02 0.00 | 38.12 -1.02 0.00 | 40.72 -1.13 0.00 | 42.65 -1.09 0.00 | 45.06 -1.20 0.00 | 42.86 -1.14 0.00 | 39.30 -1.01 0.00 | 34.40 -0.74 0.00 | 32.85 -0.70 0.00 | 29.09 -0.68 0.00 | 26.22 -0.62 0.00 |
| SITHE____MASSENA 23902 | 27.54 -0.65 0.00 | 24.05 -0.59 0.00 | 22.74 -0.46 0.00 | 22.16 -0.48 0.00 | 21.92 -0.47 0.00 | 22.31 -0.46 0.00 | 23.28 -0.52 0.00 | 25.37 -0.57 0.00 | 27.54 -0.56 0.00 | 31.65 -0.71 0.00 | 32.23 -0.76 0.00 | 33.63 -0.79 0.00 | 34.82 -0.78 0.00 | 36.79 -0.90 0.00 | 38.28 -0.86 0.00 | 40.76 -1.09 0.00 | 42.47 -1.27 0.00 | 44.92 -1.34 0.00 | 42.78 -1.23 0.00 | 39.26 -1.05 0.00 | 34.43 -0.70 0.00 | 32.92 -0.64 0.00 | 29.06 -0.71 0.00 | 26.20 -0.64 0.00 |
| SITHE____OGDNSBRG 24021 | 27.60 -0.59 0.00 | 24.08 -0.57 0.00 | 22.76 -0.44 0.00 | 22.20 -0.43 0.00 | 21.99 -0.40 0.00 | 22.38 -0.39 0.00 | 23.32 -0.48 0.00 | 25.37 -0.57 0.00 | 27.54 -0.56 0.00 | 31.68 -0.68 0.00 | 32.23 -0.76 0.00 | 33.62 -0.79 0.00 | 34.86 -0.75 0.00 | 36.94 -0.75 0.00 | 38.28 -0.86 0.00 | 40.81 -1.05 0.00 | 42.43 -1.31 0.00 | 45.02 -1.25 0.00 | 42.82 -1.19 0.00 | 39.38 -0.93 0.00 | 34.61 -0.53 0.00 | 33.12 -0.44 0.00 | 29.18 -0.60 0.00 | 26.22 -0.62 0.00 |
| SITHE____STERLING 23777 | 28.92 0.73 0.00 | 25.31 0.67 0.00 | 23.76 0.56 0.00 | 23.20 0.57 0.00 | 22.95 0.56 0.00 | 23.40 0.64 0.00 | 24.47 0.67 0.00 | 26.91 0.67 -0.30 | 28.88 0.79 0.00 | 33.27 0.90 0.00 | 34.11 1.12 0.00 | 35.59 1.17 0.00 | 36.82 1.21 0.00 | 38.90 1.21 0.00 | 40.35 1.21 0.00 | 43.11 1.25 0.00 | 45.06 1.31 0.00 | 47.79 1.52 0.00 | 45.46 1.45 0.00 | 41.60 1.29 0.00 | 36.40 1.26 0.00 | 34.76 1.21 0.00 | 30.72 0.95 0.00 | 27.57 0.72 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 28.84 0.65 0.00 | 25.31 0.67 0.00 | 23.71 0.51 0.00 | 23.04 0.41 0.00 | 22.86 0.47 0.00 | 23.50 0.73 0.00 | 24.66 0.86 0.00 | 27.46 0.88 -0.64 | 29.67 1.01 -0.56 | 33.77 1.23 -0.18 | 34.72 1.68 -0.05 | 36.17 1.76 0.00 | 37.42 1.82 0.00 | 39.31 1.62 0.00 | 40.78 1.64 0.00 | 43.65 1.80 0.00 | 46.01 1.88 -0.38 | 48.58 1.94 -0.37 | 45.77 1.76 0.00 | 42.04 1.73 0.00 | 37.03 1.90 0.00 | 35.40 1.85 0.00 | 31.05 1.28 0.00 | 27.97 1.13 0.00 |
| SOUTH CAIRO____GT 23612 | 30.14 2.03 0.07 | 26.17 1.53 0.00 | 24.66 1.46 0.00 | 24.15 1.52 0.00 | 23.73 1.34 0.00 | 24.27 1.50 0.00 | 25.25 1.45 0.00 | 32.16 1.56 -4.66 | 35.37 1.43 -5.83 | 35.55 1.62 -1.58 | 34.70 1.52 -0.19 | 35.76 1.55 0.20 | 37.17 1.92 0.35 | 39.58 2.19 0.29 | 41.21 2.35 0.27 | 43.78 2.38 0.45 | 49.19 2.19 -3.26 | 51.92 2.31 -3.34 | 46.07 2.29 0.23 | 42.20 1.89 0.00 | 36.92 1.79 0.00 | 35.27 1.71 0.00 | 31.22 1.61 0.16 | 28.21 1.37 0.00 |
| SOUTH HAMPTN____IC 23720 | 39.38 4.26 -6.93 | 38.32 3.55 -10.13 | 37.24 3.29 -10.75 | 30.37 3.21 -4.53 | 30.46 3.11 -4.96 | 31.11 3.26 -5.09 | 34.30 3.47 -7.02 | 37.28 4.07 -7.27 | 38.70 4.49 -6.10 | 39.50 5.15 -1.99 | 39.31 4.35 -1.96 | 40.12 4.78 -0.93 | 46.33 5.16 -5.56 | 111.41 4.97 -68.75 | 67.80 5.44 -23.23 | 74.94 6.03 -27.06 | 71.00 6.30 -20.96 | 165.83 6.66 -112.90 | 80.00 5.54 -30.44 | 45.28 4.92 -0.06 | 49.58 3.48 -10.97 | 41.54 3.52 -4.46 | 33.60 3.27 -0.56 | 32.16 3.73 -1.59 |
| SOUTHDOW_115KV_TB1 355954 | 29.01 0.82 0.00 | 25.70 1.06 0.00 | 23.90 0.70 0.00 | 23.04 0.41 0.00 | 22.84 0.45 0.00 | 23.72 0.96 0.00 | 25.32 1.52 0.00 | 27.50 0.60 -0.96 | 30.08 1.10 -0.89 | 34.01 1.36 -0.28 | 35.05 1.98 -0.07 | 36.31 1.89 0.00 | 37.17 1.57 0.00 | 39.12 1.43 0.00 | 40.90 1.76 0.00 | 43.74 1.88 0.00 | 46.71 2.36 -0.60 | 49.44 2.59 -0.58 | 46.30 2.29 0.00 | 42.65 2.34 0.00 | 37.84 2.71 0.00 | 36.41 2.85 0.00 | 31.74 1.96 0.00 | 28.72 1.88 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 40.25 5.13 -6.93 | 39.06 4.29 -10.13 | 37.87 3.92 -10.75 | 30.98 3.82 -4.53 | 31.11 3.76 -4.96 | 31.77 3.92 -5.09 | 35.01 4.19 -7.02 | 38.05 4.83 -7.29 | 39.64 5.42 -6.12 | 40.80 6.41 -2.03 | 41.02 6.04 -1.99 | 41.34 6.50 -0.42 | 47.91 6.69 -5.60 | 86.76 7.01 -42.06 | 69.65 7.24 -23.26 | 76.82 7.99 -26.98 | 72.56 7.79 -21.03 | 168.06 8.79 -113.01 | 82.43 7.97 -30.46 | 47.30 6.93 -0.06 | 51.11 4.99 -10.98 | 42.92 4.90 -4.46 | 35.18 4.85 -0.56 | 33.00 4.59 -1.57 |

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| SOUTHOLD___IC 23719 | 40.25 5.13 -6.93 | 39.06 4.29 -10.13 | 37.94 3.99 -10.75 | 31.03 3.87 -4.53 | 31.14 3.78 -4.96 | 31.80 3.94 -5.09 | 35.01 4.19 -7.02 | 38.08 4.88 -7.27 | 39.65 5.45 -6.10 | 40.63 6.28 -1.99 | 40.59 5.64 -1.96 | 41.54 6.19 -0.93 | 47.80 6.62 -5.57 | 112.91 6.44 -68.78 | 69.30 6.93 -23.24 | 76.54 7.62 -27.07 | 72.67 7.96 -20.97 | 167.68 8.47 -112.95 | 81.72 7.26 -30.46 | 46.86 6.49 -0.06 | 50.86 4.74 -10.98 | 42.75 4.73 -4.46 | 34.64 4.32 -0.56 | 33.02 4.59 -1.59 |
| SPIERFLS_115KV_TB 1 80737 | 30.42 2.40 0.17 | 26.64 2.00 0.00 | 25.08 1.88 0.00 | 24.51 1.88 0.00 | 24.22 1.84 0.00 | 24.75 1.98 0.00 | 25.82 2.02 0.00 | 33.11 2.31 -4.86 | 40.83 2.59 -10.14 | 38.02 3.04 -2.62 | 36.47 3.27 -0.21 | 37.28 3.30 0.44 | 38.15 3.31 0.77 | 40.64 3.58 0.63 | 42.27 3.72 0.59 | 44.72 3.85 0.98 | 53.29 4.16 -5.39 | 56.26 4.40 -5.60 | 47.29 3.78 0.51 | 43.70 3.39 0.00 | 38.12 2.99 0.00 | 36.28 2.72 0.00 | 31.77 2.35 0.36 | 28.93 2.09 0.00 |
| ST LAWRENCE____ 23600 | 27.34 -0.84 0.00 | 23.90 -0.74 0.00 | 22.57 -0.63 0.00 | 22.02 -0.61 0.00 | 21.79 -0.60 0.00 | 22.15 -0.61 0.00 | 23.13 -0.67 0.00 | 25.24 -0.70 0.00 | 27.37 -0.73 0.00 | 31.49 -0.87 0.00 | 32.03 -0.96 0.00 | 33.42 -1.00 0.00 | 34.61 -1.00 0.00 | 36.60 -1.09 0.00 | 38.04 -1.10 0.00 | 40.60 -1.25 0.00 | 42.34 -1.40 0.00 | 44.74 -1.53 0.00 | 42.60 -1.41 0.00 | 39.10 -1.21 0.00 | 34.19 -0.95 0.00 | 32.65 -0.90 0.00 | 28.88 -0.89 0.00 | 26.04 -0.80 0.00 |
| STATE_CA_115KV_115_LB 55624 | 29.21 1.18 0.16 | 25.58 0.94 0.00 | 24.10 0.90 0.00 | 23.58 0.95 0.00 | 23.31 0.92 0.00 | 23.77 1.00 0.00 | 24.78 0.98 0.00 | 31.84 1.14 -4.76 | 37.28 1.26 -7.92 | 35.78 1.49 -1.93 | 34.53 1.48 -0.06 | 35.51 1.51 0.42 | 36.45 1.57 0.73 | 38.75 1.66 0.60 | 40.34 1.76 0.56 | 42.81 1.88 0.93 | 49.67 1.97 -3.96 | 52.49 2.04 -4.19 | 45.11 1.58 0.48 | 41.64 1.33 0.00 | 36.12 0.98 0.00 | 34.43 0.87 0.00 | 30.32 0.89 0.34 | 27.67 0.83 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 28.70 0.51 0.00 | 25.19 0.54 0.00 | 23.62 0.42 0.00 | 22.97 0.34 0.00 | 22.77 0.38 0.00 | 23.36 0.59 0.00 | 24.47 0.67 0.00 | 27.29 0.67 -0.67 | 29.49 0.79 -0.60 | 33.53 0.97 -0.19 | 34.00 0.96 -0.05 | 35.45 1.03 0.00 | 36.64 1.03 0.00 | 38.90 1.21 0.00 | 40.35 1.21 0.00 | 43.19 1.34 0.00 | 45.55 1.40 -0.41 | 48.14 1.48 -0.39 | 45.37 1.36 0.00 | 41.56 1.25 0.00 | 36.47 1.34 0.00 | 34.90 1.34 0.00 | 30.75 0.98 0.00 | 27.70 0.86 0.00 |
| STATION 5_MISC_HYD 23604 | 28.16 -0.03 0.00 | 24.82 0.17 0.00 | 23.18 -0.02 0.00 | 22.43 -0.20 0.00 | 22.28 -0.11 0.00 | 22.90 0.14 0.00 | 24.20 0.40 0.00 | 26.75 0.16 -0.65 | 28.78 0.11 -0.57 | 32.67 0.13 -0.18 | 33.70 0.66 -0.05 | 34.96 0.55 0.00 | 36.18 0.57 0.00 | 38.48 0.79 0.00 | 39.49 0.35 0.00 | 42.52 0.67 0.00 | 44.66 0.53 -0.38 | 47.24 0.60 -0.37 | 44.62 0.62 0.00 | 41.24 0.93 0.00 | 36.50 1.37 0.00 | 34.83 1.27 0.00 | 31.05 1.28 0.00 | 27.54 0.70 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 28.33 0.14 0.00 | 24.91 0.27 0.00 | 23.27 0.07 0.00 | 22.59 -0.05 0.00 | 22.39 0.00 0.00 | 23.04 0.27 0.00 | 24.28 0.48 0.00 | 26.90 0.31 -0.65 | 29.03 0.37 -0.57 | 32.96 0.42 -0.18 | 33.80 0.76 -0.05 | 35.24 0.83 0.00 | 36.43 0.82 0.00 | 38.26 0.57 0.00 | 39.77 0.63 0.00 | 42.56 0.71 0.00 | 45.05 0.92 -0.38 | 47.52 0.88 -0.37 | 44.76 0.75 0.00 | 41.20 0.89 0.00 | 36.43 1.30 0.00 | 34.87 1.31 0.00 | 30.58 0.80 0.00 | 27.56 0.72 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 27.99 -0.20 0.00 | 24.67 0.02 0.00 | 23.04 -0.16 0.00 | 22.32 -0.32 0.00 | 22.12 -0.27 0.00 | 22.77 0.00 0.00 | 24.04 0.24 0.00 | 26.58 0.00 -0.64 | 28.66 0.00 -0.56 | 32.51 -0.03 -0.18 | 33.34 0.30 -0.05 | 34.76 0.34 0.00 | 35.93 0.32 0.00 | 37.77 0.08 0.00 | 39.34 0.20 0.00 | 42.06 0.21 0.00 | 44.65 0.52 -0.38 | 47.01 0.37 -0.37 | 44.27 0.26 0.00 | 40.79 0.48 0.00 | 36.19 1.05 0.00 | 34.60 1.04 0.00 | 30.31 0.54 0.00 | 27.35 0.51 0.00 |
| STA_56___34_KV_BUS2 355983 | 27.99 -0.20 0.00 | 24.67 0.02 0.00 | 23.04 -0.16 0.00 | 22.32 -0.32 0.00 | 22.12 -0.27 0.00 | 22.77 0.00 0.00 | 24.04 0.24 0.00 | 26.58 0.00 -0.64 | 28.66 0.00 -0.56 | 32.51 -0.03 -0.18 | 33.34 0.30 -0.05 | 34.76 0.34 0.00 | 35.93 0.32 0.00 | 37.77 0.08 0.00 | 39.34 0.20 0.00 | 42.06 0.21 0.00 | 44.65 0.52 -0.38 | 47.01 0.37 -0.37 | 44.27 0.26 0.00 | 40.79 0.48 0.00 | 36.19 1.05 0.00 | 34.60 1.04 0.00 | 30.31 0.54 0.00 | 27.35 0.51 0.00 |
| STA_67___115KV_BK2 355882 | 28.08 -0.11 0.00 | 24.77 0.12 0.00 | 23.11 -0.09 0.00 | 22.38 -0.25 0.00 | 22.19 -0.20 0.00 | 22.84 0.07 0.00 | 24.13 0.33 0.00 | 26.67 0.08 -0.65 | 28.70 0.03 -0.57 | 32.51 -0.03 -0.18 | 33.34 0.30 -0.05 | 34.79 0.38 0.00 | 35.93 0.32 0.00 | 37.73 0.04 0.00 | 39.34 0.20 0.00 | 42.06 0.21 0.00 | 44.70 0.57 -0.39 | 47.10 0.46 -0.37 | 44.40 0.40 0.00 | 40.91 0.60 0.00 | 36.29 1.16 0.00 | 34.70 1.14 0.00 | 30.40 0.63 0.00 | 27.46 0.62 0.00 |
| STA_7___115KV_9TRANS 80674 | 28.33 0.14 0.00 | 24.96 0.32 0.00 | 23.32 0.12 0.00 | 22.56 -0.07 0.00 | 22.37 -0.02 0.00 | 23.04 0.27 0.00 | 24.32 0.52 0.00 | 26.90 0.31 -0.65 | 28.98 0.31 -0.57 | 32.87 0.32 -0.18 | 33.70 0.66 -0.05 | 35.17 0.76 0.00 | 36.32 0.71 0.00 | 38.18 0.49 0.00 | 39.77 0.63 0.00 | 42.52 0.67 0.00 | 45.18 1.05 -0.39 | 47.56 0.93 -0.37 | 44.80 0.79 0.00 | 41.32 1.01 0.00 | 36.68 1.55 0.00 | 35.10 1.54 0.00 | 30.69 0.92 0.00 | 27.70 0.86 0.00 |
| STA_82___115KV_TB1 80780 | 28.10 -0.08 0.00 | 24.77 0.12 0.00 | 23.13 -0.07 0.00 | 22.38 -0.25 0.00 | 22.19 -0.20 0.00 | 22.86 0.09 0.00 | 24.16 0.36 0.00 | 26.70 0.10 -0.65 | 28.73 0.06 -0.57 | 32.55 0.00 -0.18 | 33.37 0.33 -0.05 | 34.79 0.38 0.00 | 35.96 0.36 0.00 | 37.77 0.08 0.00 | 39.37 0.23 0.00 | 42.10 0.25 0.00 | 44.70 0.57 -0.39 | 47.10 0.46 -0.38 | 44.40 0.40 0.00 | 40.95 0.64 0.00 | 36.29 1.16 0.00 | 34.73 1.17 0.00 | 30.40 0.63 0.00 | 27.48 0.64 0.00 |
| STEEL___WIND 323596 | 27.99 -0.20 0.00 | 24.84 0.20 0.00 | 23.11 -0.09 0.00 | 22.27 -0.36 0.00 | 22.14 -0.25 0.00 | 22.88 0.11 0.00 | 24.37 0.57 0.00 | 26.54 -0.28 -0.89 | 28.82 -0.08 -0.81 | 32.52 -0.10 -0.26 | 33.72 0.66 -0.07 | 34.96 0.55 0.00 | 36.14 0.53 0.00 | 38.44 0.75 0.00 | 39.38 0.24 0.00 | 42.52 0.67 0.00 | 44.99 0.70 -0.55 | 47.81 1.02 -0.53 | 44.84 0.83 0.00 | 41.56 1.25 0.00 | 36.75 1.62 0.00 | 35.07 1.51 0.00 | 31.44 1.67 0.00 | 27.80 0.96 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 29.33 1.30 0.15 | 25.68 1.03 0.00 | 24.20 1.00 0.00 | 23.67 1.04 0.00 | 23.40 1.01 0.00 | 23.86 1.09 0.00 | 24.90 1.09 0.00 | 31.93 1.27 -4.71 | 36.48 1.40 -6.98 | 35.66 1.65 -1.64 | 34.70 1.72 0.01 | 35.73 1.72 0.41 | 36.68 1.78 0.71 | 39.02 1.92 0.59 | 40.59 2.00 0.55 | 43.08 2.13 0.91 | 49.37 2.27 -3.35 | 52.21 2.36 -3.59 | 45.43 1.89 0.47 | 41.88 1.57 0.00 | 36.36 1.23 0.00 | 34.67 1.11 0.00 | 30.54 1.10 0.33 | 27.83 0.99 0.00 |
| STEUBEN_REC_LFGE 323667 | 28.86 0.68 0.00 | 25.48 0.84 0.00 | 23.76 0.56 0.00 | 22.99 0.36 0.00 | 22.84 0.45 0.00 | 23.65 0.89 0.00 | 25.06 1.26 0.00 | 27.82 0.73 -1.15 | 30.17 0.98 -1.08 | 33.87 1.17 -0.35 | 34.73 1.65 -0.09 | 36.14 1.72 0.00 | 37.21 1.60 0.00 | 38.97 1.28 0.00 | 40.59 1.45 0.00 | 43.53 1.67 0.00 | 46.53 2.06 -0.73 | 49.24 2.27 -0.71 | 46.08 2.07 0.00 | 42.45 2.14 0.00 | 37.56 2.42 0.00 | 36.04 2.48 0.00 | 31.65 1.88 0.00 | 28.61 1.77 0.00 |

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|--|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|
| STONY___BROOK 24151 | 38.73 3.61 -6.94 | 37.80 3.03 -10.13 | 36.78 2.83 -10.75 | 29.92 2.76 -4.53 | 30.04 2.69 -4.96 | 30.66 2.80 -5.09 | 33.82 3.00 -7.02 | 36.74 3.53 -7.27 | 38.03 3.82 -6.11 | 38.73 4.37 -2.00 | 38.55 3.30 -2.26 | 39.07 3.72 -0.93 | 46.10 3.95 -6.54 | 129.08 3.77 -87.62 | 72.88 4.23 -29.51 | 80.85 4.73 -34.28 | 74.28 4.90 -25.64 | 194.61 5.18 -143.16 | 86.95 4.18 -38.76 | 44.02 3.63 -0.08 | 47.10 2.56 -9.41 | 39.97 2.62 -3.79 | 32.85 2.56 -0.52 | 31.59 3.14 -1.61 |
| STURGEON_POOL_HYD 23609 | 30.35 2.11 -0.05 | 26.24 1.60 0.00 | 24.71 1.51 0.00 | 24.15 1.52 0.00 | 23.78 1.39 0.00 | 24.25 1.48 0.00 | 25.32 1.52 0.00 | 32.34 1.92 -4.48 | 34.18 1.74 -4.34 | 36.29 2.30 -1.63 | 35.74 2.14 -0.60 | 36.78 2.20 -0.17 | 38.32 2.42 -0.29 | 40.30 2.37 -0.24 | 42.10 2.74 -0.22 | 45.36 3.14 -0.37 | 50.04 2.80 -3.50 | 52.54 3.01 -3.27 | 46.94 2.77 -0.16 | 42.33 2.02 0.00 | 36.47 1.34 0.00 | 34.87 1.31 0.00 | 31.58 1.70 -0.11 | 28.21 1.37 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 30.22 1.92 -0.12 | 26.24 1.60 0.00 | 24.68 1.48 0.00 | 24.10 1.47 0.00 | 23.78 1.39 0.00 | 24.29 1.53 0.00 | 25.37 1.57 0.00 | 32.04 1.82 -4.28 | 33.76 1.91 -3.75 | 36.33 2.27 -1.71 | 35.98 2.18 -0.81 | 37.03 2.27 -0.35 | 38.59 2.39 -0.60 | 40.75 2.56 -0.50 | 42.27 2.66 -0.46 | 45.63 3.01 -0.77 | 50.60 3.15 -3.71 | 52.92 3.33 -3.32 | 47.05 2.68 -0.36 | 42.53 2.22 0.00 | 36.68 1.55 0.00 | 35.07 1.51 0.00 | 31.63 1.61 -0.25 | 28.29 1.45 0.00 |
| SWANROAD_115KV_TB1 355699 | 27.17 -1.01 0.00 | 24.05 -0.59 0.00 | 22.36 -0.84 0.00 | 21.55 -1.09 0.00 | 21.36 -1.03 0.00 | 22.24 -0.52 0.00 | 23.68 -0.12 0.00 | 25.72 -1.04 -0.82 | 27.74 -1.10 -0.74 | 31.17 -1.42 -0.24 | 32.13 -0.92 -0.06 | 33.49 -0.93 0.00 | 34.50 -1.10 0.00 | 36.03 -1.66 0.00 | 37.73 -1.41 0.00 | 40.43 -1.42 0.00 | 43.19 -1.05 -0.50 | 45.68 -1.06 -0.48 | 43.08 -0.92 0.00 | 39.79 -0.52 0.00 | 35.38 0.25 0.00 | 33.89 0.34 0.00 | 29.56 -0.21 0.00 | 26.97 0.13 0.00 |
| SYNERGY___BIOGAS 323694 | 28.33 0.14 0.00 | 25.06 0.42 0.00 | 23.36 0.16 0.00 | 22.57 -0.07 0.00 | 22.43 0.04 0.00 | 23.18 0.41 0.00 | 24.58 0.78 0.00 | 26.92 0.23 -0.75 | 29.02 0.25 -0.67 | 32.81 0.23 -0.22 | 34.10 1.06 -0.06 | 35.34 0.93 0.00 | 36.57 0.96 0.00 | 38.82 1.13 0.00 | 39.69 0.55 0.00 | 42.77 0.92 0.00 | 44.99 0.79 -0.45 | 47.77 1.06 -0.44 | 45.11 1.10 0.00 | 41.84 1.53 0.00 | 37.28 2.14 0.00 | 35.54 1.98 0.00 | 31.77 1.99 0.00 | 28.05 1.21 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 28.19 0.00 0.00 | 24.69 0.05 0.00 | 23.18 -0.02 0.00 | 22.56 -0.07 0.00 | 22.37 -0.02 0.00 | 22.86 0.09 0.00 | 23.92 0.12 0.00 | 26.56 0.08 -0.54 | 28.67 0.11 -0.46 | 32.64 0.13 -0.15 | 33.36 0.33 -0.04 | 34.76 0.34 0.00 | 35.96 0.36 0.00 | 37.95 0.26 0.00 | 39.37 0.23 0.00 | 42.14 0.29 0.00 | 44.36 0.31 -0.31 | 46.89 0.32 -0.30 | 44.27 0.26 0.00 | 40.59 0.28 0.00 | 35.52 0.39 0.00 | 33.96 0.40 0.00 | 30.01 0.24 0.00 | 27.08 0.24 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 28.19 0.00 0.00 | 24.69 0.05 0.00 | 23.18 -0.02 0.00 | 22.56 -0.07 0.00 | 22.37 -0.02 0.00 | 22.86 0.09 0.00 | 23.92 0.12 0.00 | 26.56 0.08 -0.54 | 28.67 0.11 -0.46 | 32.64 0.13 -0.15 | 33.36 0.33 -0.04 | 34.76 0.34 0.00 | 35.96 0.36 0.00 | 37.95 0.26 0.00 | 39.37 0.23 0.00 | 42.14 0.29 0.00 | 44.36 0.31 -0.31 | 46.89 0.32 -0.30 | 44.27 0.26 0.00 | 40.59 0.28 0.00 | 35.52 0.39 0.00 | 33.96 0.40 0.00 | 30.01 0.24 0.00 | 27.08 0.24 0.00 |
| SYRACUSE___POWER 24017 | 28.13 -0.06 0.00 | 24.64 0.00 0.00 | 23.13 -0.07 0.00 | 22.54 -0.09 0.00 | 22.32 -0.07 0.00 | 22.81 0.05 0.00 | 23.90 0.10 0.00 | 26.55 0.05 -0.56 | 28.64 0.06 -0.48 | 32.58 0.06 -0.15 | 33.26 0.23 -0.04 | 34.66 0.24 0.00 | 35.86 0.25 0.00 | 37.88 0.19 0.00 | 39.34 0.20 0.00 | 42.06 0.21 0.00 | 44.33 0.26 -0.33 | 46.86 0.28 -0.32 | 44.18 0.18 0.00 | 40.51 0.20 0.00 | 35.45 0.32 0.00 | 33.86 0.30 0.00 | 29.95 0.18 0.00 | 27.00 0.16 0.00 |
| TALLMAN___138KV_BK151 55660 | 30.57 2.26 -0.13 | 26.52 1.87 0.00 | 24.94 1.74 0.00 | 24.35 1.72 0.00 | 24.05 1.66 0.00 | 24.52 1.75 0.00 | 25.63 1.83 0.00 | 32.48 2.13 -4.41 | 34.21 2.25 -3.86 | 36.86 2.72 -1.78 | 36.39 2.54 -0.86 | 37.44 2.65 -0.37 | 39.03 2.78 -0.65 | 41.24 3.02 -0.54 | 42.77 3.13 -0.50 | 46.23 3.56 -0.83 | 51.33 3.72 -3.87 | 53.70 3.98 -3.46 | 47.65 3.26 -0.39 | 43.01 2.70 0.00 | 37.00 1.86 0.00 | 35.34 1.78 0.00 | 31.95 1.91 -0.27 | 28.56 1.72 0.00 |
| TEALLAVE_115KV_TB7 355573 | 28.02 -0.17 0.00 | 24.54 -0.10 0.00 | 23.06 -0.14 0.00 | 22.45 -0.18 0.00 | 22.25 -0.13 0.00 | 22.72 -0.05 0.00 | 23.80 0.00 0.00 | 26.36 -0.05 -0.47 | 28.40 -0.08 -0.39 | 32.39 -0.10 -0.12 | 33.09 0.07 -0.03 | 34.48 0.07 0.00 | 35.68 0.07 0.00 | 37.69 0.00 0.00 | 39.10 -0.04 0.00 | 41.85 0.00 0.00 | 44.01 0.00 -0.26 | 46.52 0.00 -0.25 | 43.96 -0.04 0.00 | 40.31 0.00 0.00 | 35.27 0.14 0.00 | 33.73 0.17 0.00 | 29.83 0.06 0.00 | 26.92 0.08 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 27.85 -0.34 0.00 | 24.67 0.02 0.00 | 22.94 -0.26 0.00 | 22.13 -0.50 0.00 | 21.94 -0.45 0.00 | 22.79 0.02 0.00 | 24.23 0.43 0.00 | 26.43 -0.29 -0.78 | 28.51 -0.28 -0.70 | 32.16 -0.42 -0.22 | 33.18 0.13 -0.06 | 34.59 0.17 0.00 | 35.64 0.04 0.00 | 37.24 -0.45 0.00 | 38.94 -0.20 0.00 | 41.64 -0.21 0.00 | 44.48 0.26 -0.47 | 46.95 0.23 -0.46 | 44.27 0.26 0.00 | 40.87 0.56 0.00 | 36.43 1.30 0.00 | 34.90 1.34 0.00 | 30.43 0.65 0.00 | 27.65 0.81 0.00 |
| TEMPLE___115KV_TB 2 55572 | 28.05 -0.14 0.00 | 24.57 -0.07 0.00 | 23.08 -0.12 0.00 | 22.47 -0.16 0.00 | 22.25 -0.13 0.00 | 22.74 -0.02 0.00 | 23.82 0.02 0.00 | 26.39 -0.03 -0.47 | 28.44 -0.06 -0.39 | 32.42 -0.06 -0.13 | 33.12 0.10 -0.03 | 34.55 0.14 0.00 | 35.71 0.11 0.00 | 37.73 0.04 0.00 | 39.18 0.04 0.00 | 41.89 0.04 0.00 | 44.10 0.09 -0.27 | 46.57 0.05 -0.26 | 44.01 0.00 0.00 | 40.35 0.04 0.00 | 35.31 0.18 0.00 | 33.76 0.20 0.00 | 29.86 0.09 0.00 | 26.95 0.11 0.00 |
| TIANA___69_KV_BK 1 55817 | 39.15 4.03 -6.93 | 38.10 3.33 -10.13 | 37.04 3.09 -10.75 | 30.15 2.99 -4.53 | 30.28 2.93 -4.96 | 30.93 3.07 -5.09 | 34.11 3.28 -7.02 | 37.07 3.84 -7.29 | 38.46 4.24 -6.12 | 39.40 5.02 -2.03 | 39.44 4.45 -1.99 | 39.66 4.82 -0.42 | 46.16 4.95 -5.60 | 84.94 5.20 -42.05 | 67.80 5.40 -23.26 | 74.85 6.03 -26.98 | 70.50 5.73 -21.03 | 165.83 6.57 -113.00 | 80.27 5.81 -30.45 | 45.37 5.00 -0.06 | 49.56 3.44 -10.98 | 41.41 3.39 -4.46 | 33.93 3.60 -0.56 | 31.93 3.52 -1.57 |
| TILDEN___115KV_TB1 80814 | 28.13 -0.06 0.00 | 24.64 0.00 0.00 | 23.13 -0.07 0.00 | 22.54 -0.09 0.00 | 22.32 -0.07 0.00 | 22.81 0.05 0.00 | 23.90 0.10 0.00 | 26.55 0.05 -0.56 | 28.64 0.06 -0.48 | 32.58 0.06 -0.15 | 33.26 0.23 -0.04 | 34.66 0.24 0.00 | 35.86 0.25 0.00 | 37.88 0.19 0.00 | 39.34 0.20 0.00 | 42.06 0.21 0.00 | 44.33 0.26 -0.33 | 46.86 0.28 -0.32 | 44.18 0.18 0.00 | 40.51 0.20 0.00 | 35.45 0.32 0.00 | 33.86 0.30 0.00 | 29.95 0.18 0.00 | 27.00 0.16 0.00 |
| TRIGEN___CC 323695 | 38.01 2.90 -6.92 | 37.21 2.44 -10.13 | 36.20 2.25 -10.75 | 29.40 2.24 -4.53 | 29.52 2.17 -4.96 | 30.13 2.28 -5.09 | 33.20 2.38 -7.02 | 36.03 2.80 -7.29 | 37.18 2.98 -6.11 | 37.97 3.59 -2.02 | 37.13 3.20 -0.94 | 38.27 3.44 -0.41 | 41.22 3.53 -2.09 | 42.06 3.77 -0.60 | 43.65 3.95 -0.55 | 47.21 4.44 -0.92 | 52.03 4.16 -4.13 | 54.71 4.77 -3.68 | 48.53 4.09 -0.43 | 43.70 3.39 0.00 | 37.42 2.28 0.00 | 35.84 2.28 0.00 | 32.55 2.47 -0.31 | 30.74 2.36 -1.54 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TRINITY__115KV__4 BK 55933 | 29.08 1.04 0.16 | 25.48 0.84 0.00 | 24.01 0.81 0.00 | 23.49 0.86 0.00 | 23.22 0.83 0.00 | 23.68 0.91 0.00 | 24.68 0.88 0.00 | 31.68 1.01 -4.72 | 36.36 1.12 -7.13 | 35.35 1.29 -1.69 | 34.28 1.29 0.00 | 35.28 1.27 0.41 | 36.25 1.35 0.71 | 38.57 1.47 0.59 | 40.11 1.53 0.55 | 42.61 1.67 0.91 | 48.94 1.75 -3.45 | 51.76 1.80 -3.69 | 44.90 1.36 0.48 | 41.44 1.13 0.00 | 35.94 0.81 0.00 | 34.26 0.70 0.00 | 30.18 0.74 0.34 | 27.54 0.70 0.00 |
| UNION__PROCESSING_DRP 323587 | 28.10 -0.08 0.00 | 24.79 0.15 0.00 | 23.13 -0.07 0.00 | 22.41 -0.23 0.00 | 22.21 -0.18 0.00 | 22.88 0.11 0.00 | 24.16 0.36 0.00 | 26.70 0.10 -0.66 | 28.76 0.08 -0.57 | 32.58 0.03 -0.18 | 33.37 0.33 -0.05 | 34.83 0.41 0.00 | 35.96 0.36 0.00 | 37.80 0.11 0.00 | 39.37 0.23 0.00 | 42.14 0.29 0.00 | 44.75 0.61 -0.39 | 47.15 0.51 -0.38 | 44.45 0.44 0.00 | 40.99 0.69 0.00 | 36.33 1.19 0.00 | 34.77 1.21 0.00 | 30.43 0.65 0.00 | 27.48 0.64 0.00 |
| UPPER HUDSON__HYD 24058 | 30.42 2.39 0.17 | 26.64 2.00 0.00 | 25.08 1.88 0.00 | 24.51 1.88 0.00 | 24.23 1.84 0.00 | 24.75 1.98 0.00 | 25.82 2.02 0.00 | 33.09 2.31 -4.84 | 40.81 2.58 -10.13 | 37.99 3.04 -2.59 | 36.41 3.24 -0.18 | 37.23 3.27 0.46 | 38.12 3.31 0.80 | 40.54 3.51 0.66 | 42.25 3.72 0.61 | 44.64 3.81 1.02 | 53.22 4.16 -5.32 | 56.21 4.40 -5.55 | 47.20 3.70 0.51 | 43.65 3.34 0.00 | 38.12 2.98 0.00 | 36.28 2.72 0.00 | 31.67 2.26 0.36 | 28.93 2.09 0.00 |
| UPPER RAQUET__HYD 24056 | 26.84 -1.35 0.00 | 23.44 -1.21 0.00 | 22.16 -1.04 0.00 | 21.61 -1.02 0.00 | 21.40 -0.98 0.00 | 21.79 -0.98 0.00 | 22.71 -1.09 0.00 | 24.77 -1.17 0.00 | 26.89 -1.21 0.00 | 30.94 -1.42 0.00 | 31.47 -1.52 0.00 | 32.83 -1.58 0.00 | 34.04 -1.57 0.00 | 35.92 -1.77 0.00 | 37.38 -1.76 0.00 | 39.76 -2.09 0.00 | 41.38 -2.36 0.00 | 43.81 -2.45 0.00 | 41.81 -2.20 0.00 | 38.38 -1.93 0.00 | 33.73 -1.41 0.00 | 32.32 -1.24 0.00 | 28.43 -1.34 0.00 | 25.58 -1.26 0.00 |
| VALLEY44_115KV_TB2 355964 | 28.13 -0.06 0.00 | 24.89 0.25 0.00 | 23.18 -0.02 0.00 | 22.36 -0.27 0.00 | 22.14 -0.25 0.00 | 23.02 0.25 0.00 | 24.47 0.67 0.00 | 26.34 -0.60 -0.99 | 29.04 0.03 -0.92 | 32.79 0.13 -0.29 | 33.66 0.59 -0.08 | 35.10 0.69 0.00 | 35.93 0.32 0.00 | 37.80 0.11 0.00 | 39.53 0.39 0.00 | 42.31 0.46 0.00 | 45.24 0.87 -0.62 | 47.89 1.02 -0.60 | 44.84 0.84 0.00 | 41.20 0.89 0.00 | 36.43 1.30 0.00 | 35.10 1.54 0.00 | 30.66 0.89 0.00 | 27.89 1.05 0.00 |
| VALLEY__115KV_TB 1-4 80826 | 28.13 -0.06 0.00 | 24.59 -0.05 0.00 | 23.15 -0.05 0.00 | 22.59 -0.05 0.00 | 22.34 -0.04 0.00 | 22.68 -0.09 0.00 | 23.75 -0.05 0.00 | 25.86 -0.08 0.00 | 28.10 0.00 0.00 | 32.39 0.03 0.00 | 33.22 0.23 0.00 | 34.69 0.28 0.00 | 35.93 0.32 0.00 | 37.84 0.15 0.00 | 39.30 0.16 0.00 | 41.98 0.13 0.00 | 43.92 0.17 0.00 | 46.40 0.14 0.00 | 44.36 0.35 0.00 | 40.59 0.28 0.00 | 35.34 0.21 0.00 | 33.79 0.23 0.00 | 29.92 0.15 0.00 | 27.00 0.16 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 29.99 1.80 0.00 | 26.22 1.58 0.00 | 24.64 1.44 0.00 | 24.06 1.43 0.00 | 23.78 1.39 0.00 | 24.63 1.87 0.00 | 25.80 2.00 0.00 | 30.31 2.10 -2.26 | 33.56 2.30 -3.16 | 36.10 2.72 -1.01 | 35.90 2.64 -0.26 | 37.20 2.79 0.00 | 38.46 2.85 0.00 | 40.78 3.09 0.00 | 42.39 3.25 0.00 | 45.33 3.47 0.00 | 49.47 3.59 -2.14 | 52.09 3.75 -2.08 | 46.91 2.90 0.00 | 42.85 2.54 0.00 | 37.38 2.25 0.00 | 35.67 2.11 0.00 | 31.59 1.82 0.00 | 28.42 1.58 0.00 |
| VISCHER__FERRY HYD 24020 | 29.44 1.46 0.22 | 25.85 1.21 0.00 | 24.36 1.16 0.00 | 23.83 1.20 0.00 | 23.53 1.14 0.00 | 24.02 1.25 0.00 | 25.06 1.26 0.00 | 31.93 1.40 -4.59 | 38.51 1.54 -8.86 | 36.11 1.78 -1.97 | 34.61 1.75 0.13 | 35.64 1.82 0.60 | 36.42 1.85 1.04 | 38.78 1.96 0.86 | 40.49 2.15 0.80 | 42.82 2.30 1.33 | 50.22 2.49 -3.98 | 53.26 2.64 -4.36 | 45.37 2.03 0.66 | 42.08 1.77 0.00 | 36.54 1.41 0.00 | 34.87 1.31 0.00 | 30.43 1.13 0.47 | 28.02 1.18 0.00 |
| V_A_10_SYNC_DSASP 323832 | 27.46 -0.73 0.00 | 24.32 -0.32 0.00 | 22.67 -0.53 0.00 | 21.91 -0.72 0.00 | 21.69 -0.69 0.00 | 22.43 -0.34 0.00 | 23.80 0.00 0.00 | 26.20 -0.47 -0.73 | 28.10 -0.65 -0.65 | 31.73 -0.84 -0.21 | 32.62 -0.43 -0.05 | 34.00 -0.41 0.00 | 35.04 -0.57 0.00 | 36.67 -1.02 0.00 | 38.36 -0.78 0.00 | 41.10 -0.75 0.00 | 43.84 -0.35 -0.44 | 46.28 -0.42 -0.43 | 43.61 -0.40 0.00 | 40.23 -0.08 0.00 | 35.70 0.56 0.00 | 34.16 0.60 0.00 | 29.86 0.09 0.00 | 27.11 0.27 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 27.46 -0.73 0.00 | 24.00 -0.64 0.00 | 22.67 -0.53 0.00 | 22.09 -0.54 0.00 | 21.87 -0.51 0.00 | 22.24 -0.52 0.00 | 23.23 -0.57 0.00 | 25.32 -0.62 0.00 | 27.48 -0.62 0.00 | 31.62 -0.74 0.00 | 32.17 -0.82 0.00 | 33.56 -0.86 0.00 | 34.75 -0.85 0.00 | 36.75 -0.94 0.00 | 38.20 -0.94 0.00 | 40.72 -1.13 0.00 | 42.47 -1.27 0.00 | 44.88 -1.39 0.00 | 42.73 -1.28 0.00 | 39.18 -1.13 0.00 | 34.33 -0.81 0.00 | 32.82 -0.74 0.00 | 29.00 -0.77 0.00 | 26.14 -0.70 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 27.71 -0.48 0.00 | 24.35 -0.29 0.00 | 23.18 -0.02 0.00 | 22.52 -0.11 0.00 | 22.41 0.02 0.00 | 22.95 0.18 0.00 | 24.01 0.21 0.00 | 26.23 0.29 0.00 | 28.49 0.39 0.00 | 32.78 0.42 0.00 | 33.25 0.26 0.00 | 34.69 0.27 0.00 | 36.04 0.43 0.00 | 38.22 0.53 0.00 | 39.65 0.51 0.00 | 42.15 0.30 0.00 | 43.92 0.18 0.00 | 46.59 0.33 0.00 | 44.36 0.35 0.00 | 40.80 0.49 0.00 | 35.91 0.77 0.00 | 34.26 0.71 0.00 | 30.13 0.36 0.00 | 27.08 0.24 0.00 |
| V_E_10_SYNC_DSASP 323830 | 30.33 2.14 0.00 | 26.59 1.95 0.00 | 24.89 1.69 0.00 | 24.28 1.65 0.00 | 24.02 1.63 0.00 | 24.77 2.00 0.00 | 26.01 2.21 0.00 | 29.75 2.18 -1.63 | 32.25 2.30 -1.85 | 35.67 2.72 -0.59 | 36.21 3.07 -0.15 | 37.65 3.23 0.00 | 39.06 3.45 0.00 | 41.20 3.51 0.00 | 42.74 3.60 0.00 | 45.78 3.93 0.00 | 49.11 4.11 -1.25 | 52.15 4.67 -1.22 | 48.41 4.40 0.00 | 44.30 3.99 0.00 | 38.93 3.80 0.00 | 37.22 3.66 0.00 | 32.81 3.04 0.00 | 29.28 2.44 0.00 |
| V_F_30_NSYNC__DSASP 323816 | 30.13 2.12 0.17 | 26.42 1.78 0.00 | 24.87 1.67 0.00 | 24.31 1.67 0.00 | 24.02 1.63 0.00 | 24.52 1.75 0.00 | 25.59 1.79 0.00 | 32.74 2.00 -4.80 | 40.29 2.22 -9.97 | 37.42 2.56 -2.50 | 35.77 2.64 -0.14 | 36.65 2.72 0.48 | 37.51 2.74 0.83 | 39.90 2.90 0.69 | 41.59 3.09 0.64 | 44.01 3.22 1.07 | 52.38 3.50 -5.14 | 55.40 3.75 -5.39 | 46.55 3.08 0.53 | 43.09 2.78 0.00 | 37.52 2.39 0.00 | 35.77 2.21 0.00 | 31.30 1.91 0.38 | 28.64 1.80 0.00 |
| V_F_30_SYNC_DSASP 323786 | 29.19 1.16 0.16 | 25.58 0.94 0.00 | 24.10 0.90 0.00 | 23.58 0.95 0.00 | 23.31 0.92 0.00 | 23.77 1.00 0.00 | 24.78 0.98 0.00 | 31.84 1.14 -4.76 | 37.22 1.26 -7.86 | 35.77 1.49 -1.91 | 34.53 1.48 -0.05 | 35.51 1.51 0.42 | 36.45 1.57 0.72 | 38.75 1.66 0.60 | 40.34 1.76 0.56 | 42.81 1.88 0.93 | 49.63 1.97 -3.92 | 52.45 2.04 -4.15 | 45.11 1.58 0.48 | 41.64 1.33 0.00 | 36.12 0.98 0.00 | 34.43 0.87 0.00 | 30.32 0.89 0.34 | 27.67 0.83 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 27.71 -0.48 0.00 | 24.35 -0.29 0.00 | 23.18 -0.02 0.00 | 22.52 -0.11 0.00 | 22.41 0.02 0.00 | 22.95 0.18 0.00 | 24.01 0.21 0.00 | 26.23 0.29 0.00 | 28.49 0.39 0.00 | 32.78 0.42 0.00 | 33.25 0.26 0.00 | 34.69 0.27 0.00 | 36.04 0.43 0.00 | 38.22 0.53 0.00 | 39.65 0.51 0.00 | 42.15 0.30 0.00 | 43.92 0.18 0.00 | 46.59 0.33 0.00 | 44.36 0.35 0.00 | 40.80 0.49 0.00 | 35.91 0.77 0.00 | 34.26 0.71 0.00 | 30.13 0.36 0.00 | 27.08 0.24 0.00 |

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|--|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 30.63 2.31 -0.13 | 26.59 1.95 0.00 | 24.99 1.79 0.00 | 24.42 1.79 0.00 | 24.09 1.70 0.00 | 24.59 1.82 0.00 | 25.68 1.88 0.00 | 32.56 2.18 -4.44 | 34.26 2.28 -3.89 | 36.91 2.75 -1.80 | 36.44 2.57 -0.87 | 37.48 2.68 -0.38 | 39.11 2.85 -0.66 | 41.29 3.05 -0.54 | 42.82 3.17 -0.51 | 46.33 3.64 -0.84 | 51.46 3.81 -3.90 | 53.78 4.03 -3.49 | 47.70 3.30 -0.39 | 43.09 2.78 0.00 | 37.07 1.93 0.00 | 35.40 1.85 0.00 | 32.04 1.99 -0.28 | 28.64 1.80 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 31.06 2.73 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.38 1.99 0.00 | 24.82 2.05 0.00 | 25.97 2.17 0.00 | 33.24 2.67 -4.63 | 34.98 2.84 -4.04 | 37.69 3.43 -1.90 | 37.13 3.20 -0.94 | 38.13 3.30 -0.41 | 39.71 3.38 -0.72 | 41.90 3.62 -0.60 | 43.45 3.76 -0.55 | 47.12 4.35 -0.92 | 52.38 4.51 -4.13 | 54.75 4.81 -3.68 | 48.40 3.96 -0.43 | 43.66 3.35 0.00 | 37.42 2.28 0.00 | 35.74 2.18 0.00 | 32.43 2.35 -0.31 | 28.96 2.12 0.00 |
| W50THST__13_KV_LOAD 356117 | 31.23 2.90 -0.14 | 27.01 2.37 0.00 | 25.36 2.16 0.00 | 24.78 2.15 0.00 | 24.52 2.13 0.00 | 24.95 2.19 0.00 | 26.13 2.33 0.00 | 33.45 2.88 -4.63 | 35.21 3.06 -4.04 | 37.95 3.69 -1.90 | 37.39 3.46 -0.94 | 38.41 3.58 -0.41 | 39.96 3.63 -0.72 | 42.21 3.92 -0.60 | 43.76 4.07 -0.55 | 47.46 4.69 -0.92 | 52.69 4.81 -4.13 | 55.08 5.14 -3.68 | 48.71 4.27 -0.43 | 43.90 3.59 0.00 | 37.63 2.49 0.00 | 35.87 2.32 0.00 | 32.55 2.47 -0.31 | 29.09 2.25 0.00 |
| WADING RIVER_IC_1 23522 | 38.53 3.41 -6.93 | 37.60 2.83 -10.13 | 36.59 2.64 -10.75 | 29.74 2.58 -4.53 | 29.84 2.48 -4.96 | 30.47 2.62 -5.09 | 33.60 2.78 -7.02 | 36.50 3.29 -7.27 | 37.80 3.60 -6.10 | 38.43 4.08 -1.99 | 38.12 3.17 -1.96 | 38.89 3.55 -0.93 | 45.01 3.85 -5.56 | 109.93 3.62 -68.62 | 66.35 4.03 -23.18 | 73.38 4.52 -27.01 | 69.40 4.73 -20.93 | 163.95 5.00 -112.69 | 78.40 4.00 -30.39 | 43.83 3.47 -0.06 | 48.32 2.28 -10.90 | 40.38 2.38 -4.44 | 32.65 2.32 -0.55 | 31.33 2.90 -1.59 |
| WADING RIVER_IC_2 23547 | 38.53 3.41 -6.93 | 37.60 2.83 -10.13 | 36.59 2.64 -10.75 | 29.74 2.58 -4.53 | 29.84 2.48 -4.96 | 30.47 2.62 -5.09 | 33.60 2.78 -7.02 | 36.50 3.29 -7.27 | 37.80 3.60 -6.10 | 38.43 4.08 -1.99 | 38.12 3.17 -1.96 | 38.89 3.55 -0.93 | 45.01 3.85 -5.56 | 109.93 3.62 -68.62 | 66.35 4.03 -23.18 | 73.38 4.52 -27.01 | 69.40 4.73 -20.93 | 163.95 5.00 -112.69 | 78.40 4.00 -30.39 | 43.83 3.47 -0.06 | 48.32 2.28 -10.90 | 40.38 2.38 -4.44 | 32.65 2.32 -0.55 | 31.33 2.90 -1.59 |
| WADING RIVER_IC_3 23601 | 38.53 3.41 -6.93 | 37.60 2.83 -10.13 | 36.59 2.64 -10.75 | 29.74 2.58 -4.53 | 29.84 2.48 -4.96 | 30.47 2.62 -5.09 | 33.60 2.78 -7.02 | 36.50 3.29 -7.27 | 37.80 3.60 -6.10 | 38.43 4.08 -1.99 | 38.12 3.17 -1.96 | 38.89 3.55 -0.93 | 45.01 3.85 -5.56 | 109.93 3.62 -68.62 | 66.35 4.03 -23.18 | 73.38 4.52 -27.01 | 69.40 4.73 -20.93 | 163.95 5.00 -112.69 | 78.40 4.00 -30.39 | 43.83 3.47 -0.06 | 48.32 2.28 -10.90 | 40.38 2.38 -4.44 | 32.65 2.32 -0.55 | 31.33 2.90 -1.59 |
| WALDENNY_I2_KV_BK2 80841 | 27.99 -0.20 0.00 | 24.82 0.17 0.00 | 23.08 -0.12 0.00 | 22.25 -0.38 0.00 | 22.05 -0.34 0.00 | 22.88 0.11 0.00 | 24.37 0.57 0.00 | 26.51 -0.31 -0.88 | 28.79 -0.11 -0.80 | 32.46 -0.16 -0.26 | 33.42 0.36 -0.07 | 34.83 0.41 0.00 | 35.86 0.25 0.00 | 37.58 -0.11 0.00 | 39.34 0.20 0.00 | 42.10 0.25 0.00 | 45.03 0.74 -0.54 | 47.62 0.83 -0.53 | 44.71 0.70 0.00 | 41.24 0.93 0.00 | 36.57 1.44 0.00 | 35.03 1.48 0.00 | 30.58 0.80 0.00 | 27.78 0.94 0.00 |
| WALDEN___HYDRO 24148 | 30.46 2.17 -0.11 | 26.44 1.80 0.00 | 24.87 1.67 0.00 | 24.31 1.67 0.00 | 23.91 1.52 0.00 | 24.45 1.68 0.00 | 25.51 1.71 0.00 | 32.24 1.92 -4.38 | 33.97 2.00 -3.88 | 36.33 2.30 -1.67 | 35.82 2.08 -0.75 | 36.91 2.20 -0.29 | 38.50 2.39 -0.51 | 40.64 2.53 -0.42 | 42.31 2.78 -0.39 | 45.60 3.10 -0.65 | 50.67 3.32 -3.61 | 53.05 3.51 -3.27 | 47.10 2.77 -0.32 | 42.65 2.34 0.00 | 36.85 1.72 0.00 | 35.27 1.71 0.00 | 31.64 1.64 -0.23 | 28.45 1.61 0.00 |
| WARRENSBURG____ 23737 | 30.42 2.39 0.17 | 26.64 2.00 0.00 | 25.08 1.88 0.00 | 24.51 1.88 0.00 | 24.23 1.84 0.00 | 24.75 1.98 0.00 | 25.82 2.02 0.00 | 33.09 2.31 -4.84 | 40.81 2.58 -10.13 | 37.99 3.04 -2.59 | 36.41 3.24 -0.18 | 37.23 3.27 0.46 | 38.12 3.31 0.80 | 40.54 3.51 0.66 | 42.25 3.72 0.61 | 44.64 3.81 1.02 | 53.22 4.16 -5.32 | 56.21 4.40 -5.55 | 47.20 3.70 0.51 | 43.65 3.34 0.00 | 38.12 2.98 0.00 | 36.28 2.72 0.00 | 31.67 2.26 0.36 | 28.93 2.09 0.00 |
| WATERSIDE___6 8 9 23538 | 31.18 2.85 -0.15 | 26.96 2.32 0.00 | 25.31 2.11 0.00 | 24.71 2.08 0.00 | 24.45 2.06 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.33 2.75 -4.64 | 35.04 2.89 -4.04 | 37.76 3.50 -1.91 | 37.16 3.23 -0.94 | 38.17 3.34 -0.41 | 39.77 3.45 -0.71 | 41.86 3.58 -0.59 | 43.29 3.60 -0.55 | 46.92 4.14 -0.93 | 47.95 4.33 0.13 | 51.11 4.58 -0.27 | 43.92 3.83 3.92 | 38.63 3.27 4.95 | 37.42 2.28 0.00 | 35.43 2.25 0.37 | 31.63 2.41 0.55 | 29.01 2.17 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 28.22 0.03 0.00 | 24.69 0.05 0.00 | 23.22 0.02 0.00 | 22.66 0.02 0.00 | 22.41 0.02 0.00 | 22.74 -0.02 0.00 | 23.80 0.00 0.00 | 25.91 -0.03 0.00 | 28.13 0.03 0.00 | 32.39 0.03 0.00 | 33.12 0.13 0.00 | 34.59 0.17 0.00 | 35.79 0.18 0.00 | 37.77 0.08 0.00 | 39.26 0.12 0.00 | 41.98 0.13 0.00 | 43.88 0.13 0.00 | 46.40 0.14 0.00 | 44.32 0.31 0.00 | 40.55 0.24 0.00 | 35.34 0.21 0.00 | 33.76 0.20 0.00 | 29.92 0.15 0.00 | 26.97 0.13 0.00 |
| WATSON___69_KV_BK 1 55734 | 39.09 3.97 -6.93 | 38.12 3.35 -10.13 | 37.04 3.09 -10.75 | 30.17 3.01 -4.53 | 30.31 2.96 -4.96 | 30.95 3.10 -5.09 | 34.11 3.28 -7.02 | 37.07 3.84 -7.29 | 38.37 4.16 -6.11 | 39.30 4.92 -2.02 | 38.68 4.22 -1.46 | 39.41 4.58 -0.42 | 44.15 4.70 -3.84 | 64.43 4.82 -21.91 | 56.09 5.05 -11.90 | 61.48 5.69 -13.94 | 61.65 5.34 -12.57 | 110.71 6.15 -58.29 | 64.90 5.46 -15.43 | 45.05 4.72 -0.03 | 63.25 3.41 -24.70 | 45.24 3.36 -8.32 | 34.09 3.54 -0.78 | 31.86 3.46 -1.56 |
| WDELAWARE___HYD 323627 | 30.17 1.92 -0.07 | 26.22 1.58 0.00 | 24.66 1.46 0.00 | 24.08 1.45 0.00 | 23.71 1.32 0.00 | 24.27 1.50 0.00 | 25.32 1.52 0.00 | 31.59 1.69 -3.96 | 33.54 1.77 -3.66 | 35.85 2.04 -1.45 | 35.32 1.75 -0.58 | 36.50 1.89 -0.19 | 38.07 2.14 -0.33 | 40.26 2.30 -0.27 | 41.97 2.58 -0.25 | 45.12 2.85 -0.42 | 49.92 3.06 -3.12 | 52.42 3.29 -2.87 | 46.77 2.55 -0.21 | 42.40 2.09 0.00 | 36.68 1.54 0.00 | 35.10 1.54 0.00 | 31.38 1.46 -0.15 | 28.26 1.42 0.00 |
| WEST BABYLON___IC 23714 | 38.86 3.75 -6.92 | 37.93 3.15 -10.13 | 36.85 2.90 -10.75 | 30.01 2.85 -4.53 | 30.15 2.80 -4.96 | 30.77 2.91 -5.09 | 33.92 3.09 -7.02 | 36.86 3.63 -7.29 | 38.11 3.91 -6.11 | 39.01 4.63 -2.02 | 38.05 3.99 -1.06 | 39.17 4.34 -0.41 | 42.53 4.42 -2.51 | 47.55 4.56 -5.30 | 47.16 4.74 -3.29 | 51.26 5.36 -4.05 | 54.94 5.03 -6.16 | 68.87 5.78 -16.83 | 53.16 5.10 -4.04 | 44.71 4.39 -0.01 | 49.19 3.16 -10.89 | 40.27 3.12 -3.59 | 33.65 3.36 -0.51 | 31.63 3.25 -1.54 |
| WEST CANADA___HYD 24049 | 28.30 0.11 0.00 | 24.74 0.10 0.00 | 23.27 0.07 0.00 | 22.70 0.07 0.00 | 22.46 0.07 0.00 | 22.79 0.02 0.00 | 23.82 0.02 0.00 | 25.97 0.03 0.00 | 28.13 0.03 0.00 | 32.39 0.03 0.00 | 33.02 0.03 0.00 | 34.48 0.07 0.00 | 35.68 0.07 0.00 | 37.77 0.08 0.00 | 39.22 0.08 0.00 | 41.94 0.08 0.00 | 43.83 0.09 0.00 | 46.36 0.09 0.00 | 44.23 0.22 0.00 | 40.47 0.16 0.00 | 35.24 0.11 0.00 | 33.66 0.10 0.00 | 29.86 0.09 0.00 | 26.92 0.08 0.00 |

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|--|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| WESTERN_NY_WIND 24143 | 28.30 0.11 0.00 | 25.01 0.37 0.00 | 23.34 0.14 0.00 | 22.52 -0.11 0.00 | 22.39 0.00 0.00 | 23.15 0.39 0.00 | 24.56 0.76 0.00 | 26.88 0.18 -0.76 | 28.98 0.20 -0.68 | 32.74 0.16 -0.22 | 34.04 0.99 -0.06 | 35.28 0.86 0.00 | 36.50 0.89 0.00 | 38.74 1.05 0.00 | 39.61 0.47 0.00 | 42.73 0.88 0.00 | 44.95 0.74 -0.46 | 47.73 1.02 -0.45 | 45.02 1.01 0.00 | 41.80 1.49 0.00 | 37.21 2.07 0.00 | 35.50 1.95 0.00 | 31.74 1.96 0.00 | 28.02 1.18 0.00 |
| WESTOVER___LESR 323668 | 28.70 0.51 0.00 | 25.16 0.52 0.00 | 23.59 0.39 0.00 | 22.95 0.32 0.00 | 22.70 0.31 0.00 | 23.43 0.66 0.00 | 24.61 0.81 0.00 | 28.26 0.62 -1.69 | 30.51 0.76 -1.65 | 33.83 0.94 -0.53 | 34.25 1.12 -0.14 | 35.62 1.20 0.00 | 36.82 1.21 0.00 | 38.86 1.17 0.00 | 40.39 1.25 0.00 | 43.27 1.42 0.00 | 46.44 1.57 -1.12 | 49.02 1.67 -1.09 | 45.28 1.28 0.00 | 41.52 1.21 0.00 | 36.33 1.19 0.00 | 34.73 1.17 0.00 | 30.66 0.89 0.00 | 27.70 0.86 0.00 |
| WETHRSFD_WT_PWR 323626 | 28.02 -0.17 0.00 | 24.79 0.15 0.00 | 23.11 -0.09 0.00 | 22.32 -0.32 0.00 | 22.16 -0.22 0.00 | 22.93 0.16 0.00 | 24.37 0.57 0.00 | 26.83 -0.10 -0.99 | 29.04 0.03 -0.91 | 32.72 0.06 -0.29 | 33.79 0.72 -0.08 | 35.00 0.58 0.00 | 36.14 0.53 0.00 | 38.41 0.71 0.00 | 39.42 0.28 0.00 | 42.56 0.71 0.00 | 45.10 0.74 -0.62 | 47.88 1.02 -0.60 | 44.84 0.83 0.00 | 41.48 1.17 0.00 | 36.64 1.51 0.00 | 35.00 1.44 0.00 | 31.35 1.58 0.00 | 27.80 0.96 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 30.52 2.20 -0.13 | 26.49 1.85 0.00 | 24.92 1.72 0.00 | 24.33 1.70 0.00 | 24.02 1.63 0.00 | 24.50 1.73 0.00 | 25.61 1.81 0.00 | 32.49 2.10 -4.45 | 34.18 2.19 -3.89 | 36.82 2.65 -1.80 | 36.37 2.51 -0.87 | 37.41 2.62 -0.38 | 38.97 2.71 -0.66 | 41.14 2.90 -0.55 | 42.70 3.05 -0.51 | 46.17 3.47 -0.84 | 51.29 3.63 -3.91 | 53.60 3.84 -3.49 | 47.57 3.17 -0.40 | 42.93 2.62 0.00 | 36.93 1.79 0.00 | 35.27 1.71 0.00 | 31.93 1.88 -0.28 | 28.53 1.69 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 30.52 2.20 -0.13 | 26.49 1.85 0.00 | 24.92 1.72 0.00 | 24.33 1.70 0.00 | 24.02 1.63 0.00 | 24.50 1.73 0.00 | 25.61 1.81 0.00 | 32.49 2.10 -4.45 | 34.18 2.19 -3.89 | 36.82 2.65 -1.80 | 36.37 2.51 -0.87 | 37.41 2.62 -0.38 | 38.97 2.71 -0.66 | 41.14 2.90 -0.55 | 42.70 3.05 -0.51 | 46.17 3.47 -0.84 | 51.29 3.63 -3.91 | 53.60 3.84 -3.49 | 47.57 3.17 -0.40 | 42.93 2.62 0.00 | 36.93 1.79 0.00 | 35.27 1.71 0.00 | 31.93 1.88 -0.28 | 28.53 1.69 0.00 |
| WHITEHAL_115KV_TB1 80871 | 31.32 3.30 0.17 | 27.40 2.76 0.00 | 25.80 2.60 0.00 | 25.21 2.58 0.00 | 24.94 2.55 0.00 | 25.52 2.75 0.00 | 26.63 2.83 0.00 | 34.00 3.22 -4.84 | 41.80 3.62 -10.08 | 39.18 4.24 -2.58 | 37.67 4.49 -0.19 | 38.51 4.54 0.45 | 39.38 4.56 0.78 | 42.02 4.98 0.65 | 43.70 5.17 0.60 | 46.17 5.32 1.00 | 54.74 5.69 -5.31 | 57.86 6.06 -5.53 | 48.81 5.32 0.52 | 45.15 4.84 0.00 | 39.56 4.43 0.00 | 37.55 3.99 0.00 | 32.80 3.39 0.37 | 29.82 2.98 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 31.01 2.68 -0.14 | 26.86 2.22 0.00 | 25.24 2.04 0.00 | 24.67 2.04 0.00 | 24.36 1.97 0.00 | 24.82 2.05 0.00 | 25.94 2.14 0.00 | 33.18 2.62 -4.62 | 34.92 2.78 -4.04 | 37.69 3.43 -1.90 | 37.49 3.56 -0.93 | 38.54 3.72 -0.41 | 40.06 3.74 -0.72 | 41.98 3.69 -0.59 | 43.57 3.87 -0.55 | 47.16 4.39 -0.91 | 52.50 4.64 -4.12 | 54.88 4.95 -3.67 | 48.66 4.22 -0.43 | 43.86 3.55 0.00 | 37.56 2.42 0.00 | 35.84 2.28 0.00 | 32.46 2.38 -0.31 | 28.93 2.09 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 38.73 3.61 -6.93 | 37.78 3.01 -10.13 | 36.71 2.76 -10.75 | 29.85 2.69 -4.53 | 29.99 2.64 -4.96 | 30.61 2.75 -5.09 | 33.77 2.95 -7.02 | 36.71 3.48 -7.29 | 38.01 3.79 -6.12 | 38.85 4.47 -2.03 | 38.83 3.83 -2.01 | 38.93 4.10 -0.42 | 45.43 4.17 -5.65 | 86.12 4.41 -44.02 | 67.29 4.58 -23.57 | 74.33 5.15 -27.33 | 69.82 4.81 -21.26 | 166.35 5.60 -114.49 | 79.80 4.93 -30.86 | 44.56 4.19 -0.06 | 49.22 2.78 -11.31 | 40.83 2.75 -4.52 | 33.43 3.10 -0.56 | 31.50 3.09 -1.58 |
| WOODARD___115KV_TB2 355635 | 27.96 -0.23 0.00 | 24.50 -0.15 0.00 | 23.01 -0.19 0.00 | 22.41 -0.23 0.00 | 22.19 -0.20 0.00 | 22.65 -0.11 0.00 | 23.73 -0.07 0.00 | 26.28 -0.13 -0.47 | 28.35 -0.14 -0.39 | 32.33 -0.16 -0.13 | 33.02 0.00 -0.03 | 34.42 0.00 0.00 | 35.61 0.00 0.00 | 37.58 -0.11 0.00 | 39.02 -0.12 0.00 | 41.73 -0.13 0.00 | 43.92 -0.09 -0.26 | 46.43 -0.09 -0.26 | 43.88 -0.13 0.00 | 40.23 -0.08 0.00 | 35.20 0.07 0.00 | 33.66 0.10 0.00 | 29.74 -0.03 0.00 | 26.84 0.00 0.00 |
| YORK___WARBASSE 23770 | 31.33 2.99 -0.15 | 27.08 2.44 0.00 | 25.40 2.20 0.00 | 24.81 2.17 0.00 | 24.54 2.15 0.00 | 24.86 2.09 0.00 | 25.99 2.19 0.00 | 33.43 2.85 -4.64 | 35.21 3.06 -4.04 | 37.96 3.69 -1.91 | 37.36 3.43 -0.94 | 38.44 3.61 -0.41 | 40.08 3.70 -0.77 | 42.22 3.88 -0.65 | 43.57 3.87 -0.55 | 82.23 4.52 -35.86 | 82.32 4.64 -33.94 | 78.76 4.95 -27.54 | 79.02 4.18 -30.83 | 78.55 3.59 -34.66 | 37.66 2.53 0.00 | 38.69 2.52 -2.62 | 38.72 2.62 -6.33 | 29.18 2.34 -0.01 |