

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/29/2025

| 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 | 28.30 | 25.75 | 24.67 | 23.98 | 24.75 | 27.95 | 39.91 | 39.78 | 31.78 | 26.79 | 26.36 | 25.63 | 26.88 | 27.78 | 30.63 | 32.18 | 36.26 | 43.91 | 49.39 | 59.01 | 56.56 | 43.88 | 36.31 | 32.74 |
| 24138 | 1.27 | 0.72 | 0.83 | 0.61 | 0.59 | 1.06 | 1.26 | 1.28 | 1.50 | 1.65 | 1.72 | 1.75 | 1.75 | 2.04 | 2.36 | 2.84 | 2.47 | 2.64 | 2.66 | 2.92 | 2.96 | 2.45 | 2.16 | 1.36 |
| | -9.63 | -15.62 | -12.77 | -15.19 | -16.30 | -12.70 | -22.53 | -22.24 | -12.79 | -7.56 | -6.33 | -5.25 | -6.28 | -4.03 | -2.32 | -0.33 | -8.05 | -13.22 | -16.89 | -24.05 | -20.70 | -12.61 | -8.72 | -13.07 |
| 74TH STREET_GT_1 | 28.30 | 25.76 | 24.67 | 23.98 | 24.75 | 27.95 | 39.88 | 39.77 | 31.82 | 26.79 | 26.38 | 25.64 | 26.89 | 27.74 | 30.57 | 32.10 | 36.25 | 43.94 | 49.44 | 58.99 | 56.53 | 43.83 | 36.35 | 32.80 |
| 24260 | 1.27 | 0.72 | 0.83 | 0.61 | 0.60 | 1.06 | 1.23 | 1.27 | 1.49 | 1.62 | 1.70 | 1.73 | 1.73 | 1.98 | 2.28 | 2.76 | 2.42 | 2.61 | 2.63 | 2.88 | 2.93 | 2.39 | 2.16 | 1.36 |
| | -9.63 | -15.62 | -12.77 | -15.19 | -16.30 | -12.70 | -22.53 | -22.25 | -12.85 | -7.59 | -6.36 | -5.27 | -6.31 | -4.05 | -2.34 | -0.34 | -8.09 | -13.28 | -16.97 | -24.05 | -20.70 | -12.61 | -8.77 | -13.13 |
| 74TH STREET_GT_2 | 28.30 | 25.76 | 24.67 | 23.98 | 24.75 | 27.95 | 39.88 | 39.77 | 31.82 | 26.79 | 26.38 | 25.64 | 26.89 | 27.74 | 30.57 | 32.10 | 36.25 | 43.94 | 49.44 | 58.99 | 56.53 | 43.83 | 36.35 | 32.80 |
| 24261 | 1.27 | 0.72 | 0.83 | 0.61 | 0.60 | 1.06 | 1.23 | 1.27 | 1.49 | 1.62 | 1.70 | 1.73 | 1.73 | 1.98 | 2.28 | 2.76 | 2.42 | 2.61 | 2.63 | 2.88 | 2.93 | 2.39 | 2.16 | 1.36 |
| | -9.63 | -15.62 | -12.77 | -15.19 | -16.30 | -12.70 | -22.53 | -22.25 | -12.85 | -7.59 | -6.36 | -5.27 | -6.31 | -4.05 | -2.34 | -0.34 | -8.09 | -13.28 | -16.97 | -24.05 | -20.70 | -12.61 | -8.77 | -13.13 |
| ADK HUDSON___FALLS | 31.26 | 29.52 | 27.69 | 27.66 | 28.72 | 31.95 | 54.40 | 47.24 | 36.01 | 28.02 | 27.24 | 26.22 | 27.79 | 27.99 | 30.29 | 31.28 | 37.17 | 46.16 | 52.85 | 64.17 | 60.93 | 46.33 | 37.81 | 35.67 |
| 24011 | 1.08 | 0.58 | 0.66 | 0.51 | 0.50 | 0.91 | 1.13 | 1.02 | 1.05 | 0.95 | 0.97 | 0.99 | 1.06 | 1.24 | 1.45 | 1.89 | 1.31 | 1.51 | 1.79 | 1.92 | 2.04 | 1.67 | 1.42 | 0.93 |
| | -12.78 | -19.51 | -15.96 | -18.98 | -20.37 | -16.86 | -37.15 | -29.96 | -17.48 | -9.49 | -7.95 | -6.59 | -7.89 | -5.04 | -2.89 | -0.40 | -10.11 | -16.59 | -21.21 | -30.19 | -25.99 | -15.83 | -10.96 | -16.42 |
| ADK RESOURCE___RCVRY | 31.31 | 29.55 | 27.73 | 27.69 | 28.77 | 32.01 | 54.40 | 47.30 | 36.02 | 28.03 | 27.26 | 26.25 | 27.84 | 28.05 | 30.39 | 31.40 | 37.23 | 46.25 | 52.96 | 64.34 | 61.08 | 46.42 | 37.88 | 35.71 |
| 23798 | 1.13 | 0.61 | 0.70 | 0.53 | 0.53 | 0.96 | 1.19 | 1.09 | 1.08 | 0.97 | 1.01 | 1.02 | 1.11 | 1.30 | 1.56 | 2.00 | 1.39 | 1.63 | 1.91 | 2.08 | 2.17 | 1.76 | 1.50 | 0.99 |
| | -12.78 | -19.52 | -15.97 | -18.99 | -20.38 | -16.86 | -37.09 | -29.95 | -17.45 | -9.48 | -7.94 | -6.59 | -7.89 | -5.03 | -2.89 | -0.40 | -10.11 | -16.57 | -21.19 | -30.21 | -26.01 | -15.84 | -10.95 | -16.40 |
| ADK S GLENS___FALLS | 31.26 | 29.52 | 27.69 | 27.66 | 28.72 | 31.95 | 54.40 | 47.24 | 36.01 | 28.02 | 27.24 | 26.22 | 27.79 | 27.99 | 30.29 | 31.28 | 37.17 | 46.16 | 52.85 | 64.17 | 60.93 | 46.33 | 37.81 | 35.67 |
| 24028 | 1.08 | 0.58 | 0.66 | 0.51 | 0.50 | 0.91 | 1.13 | 1.02 | 1.05 | 0.95 | 0.97 | 0.99 | 1.06 | 1.24 | 1.45 | 1.89 | 1.31 | 1.51 | 1.79 | 1.92 | 2.04 | 1.67 | 1.42 | 0.93 |
| | -12.78 | -19.51 | -15.96 | -18.98 | -20.37 | -16.86 | -37.15 | -29.96 | -17.48 | -9.49 | -7.95 | -6.59 | -7.89 | -5.04 | -2.89 | -0.40 | -10.11 | -16.59 | -21.21 | -30.19 | -25.99 | -15.83 | -10.96 | -16.42 |
| ADK_NYS___DAM | 31.30 | 29.05 | 27.39 | 27.20 | 28.21 | 31.84 | 55.13 | 46.98 | 36.10 | 28.22 | 27.38 | 26.39 | 27.89 | 28.09 | 30.25 | 31.36 | 37.33 | 46.12 | 52.64 | 63.69 | 60.56 | 46.39 | 37.96 | 35.39 |
| 23527 | 1.37 | 0.72 | 0.85 | 0.64 | 0.61 | 1.12 | 1.26 | 1.27 | 1.43 | 1.46 | 1.37 | 1.38 | 1.41 | 1.50 | 1.50 | 1.97 | 1.80 | 2.02 | 2.27 | 2.37 | 2.47 | 2.22 | 1.93 | 1.19 |
| | -12.53 | -18.91 | -15.47 | -18.39 | -19.74 | -16.53 | -37.75 | -29.46 | -17.19 | -9.18 | -7.69 | -6.38 | -7.64 | -4.88 | -2.80 | -0.38 | -9.79 | -16.05 | -20.52 | -29.27 | -25.19 | -15.34 | -10.60 | -15.88 |
| AIR_PRODUCTS___DRP | 29.03 | 28.66 | 26.90 | 26.86 | 27.88 | 29.23 | 36.72 | 41.98 | 32.51 | 27.35 | 26.59 | 25.58 | 27.08 | 27.24 | 29.35 | 30.23 | 36.32 | 44.93 | 51.27 | 62.22 | 59.05 | 44.99 | 36.79 | 34.69 |
| 24190 | 0.54 | 0.27 | 0.32 | 0.25 | 0.24 | 0.43 | 0.47 | 0.46 | 0.54 | 0.54 | 0.55 | 0.54 | 0.57 | 0.63 | 0.60 | 0.84 | 0.75 | 0.76 | 0.81 | 0.83 | 0.89 | 0.78 | 0.71 | 0.42 |
| | -11.09 | -18.96 | -15.51 | -18.44 | -19.79 | -14.62 | -20.13 | -25.27 | -14.49 | -9.23 | -7.73 | -6.41 | -7.67 | -4.90 | -2.81 | -0.38 | -9.83 | -16.12 | -20.62 | -29.34 | -25.26 | -15.38 | -10.65 | -15.96 |
| AKWESSNE_115KV_BK | 17.15 | 9.30 | 10.92 | 8.04 | 7.70 | 13.91 | 15.77 | 15.98 | 17.13 | 17.18 | 17.93 | 18.22 | 18.43 | 21.22 | 25.30 | 28.37 | 25.22 | 27.60 | 29.34 | 31.63 | 32.47 | 28.28 | 24.89 | 17.90 |
| 355683 | -0.24 | -0.12 | -0.14 | -0.14 | -0.15 | -0.27 | -0.35 | -0.28 | -0.35 | -0.40 | -0.38 | -0.41 | -0.41 | -0.50 | -0.65 | -0.64 | -0.51 | -0.45 | -0.51 | -0.42 | -0.43 | -0.55 | -0.53 | -0.42 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY_1_SOLAR | 28.90 | 28.43 | 26.73 | 26.63 | 27.64 | 29.00 | 35.57 | 41.42 | 32.07 | 27.03 | 26.29 | 25.30 | 26.78 | 26.99 | 29.23 | 30.25 | 36.20 | 44.85 | 51.25 | 62.14 | 59.07 | 45.12 | 36.94 | 34.66 |
| 323833 | 0.66 | 0.33 | 0.39 | 0.29 | 0.29 | 0.52 | 0.61 | 0.52 | 0.51 | 0.39 | 0.39 | 0.37 | 0.40 | 0.46 | 0.52 | 0.87 | 0.80 | 0.95 | 1.13 | 1.22 | 1.32 | 1.15 | 1.04 | 0.66 |
| | -10.84 | -18.68 | -15.27 | -18.16 | -19.49 | -14.29 | -18.83 | -24.64 | -14.08 | -9.07 | -7.59 | -6.30 | -7.54 | -4.81 | -2.76 | -0.38 | -9.66 | -15.85 | -20.26 | -28.87 | -24.86 | -15.14 | -10.47 | -15.68 |
| ALBANY_2_SOLAR | 28.90 | 28.43 | 26.73 | 26.63 | 27.63 | 29.00 | 35.59 | 41.43 | 32.08 | 27.03 | 26.29 | 25.31 | 26.78 | 26.99 | 29.23 | 30.25 | 36.20 | 44.85 | 51.25 | 62.14 | 59.08 | 45.12 | 36.91 | 34.66 |
| 323834 | 0.66 | 0.33 | 0.39 | 0.29 | 0.28 | 0.52 | 0.61 | 0.52 | 0.51 | 0.39 | 0.39 | 0.37 | 0.40 | 0.46 | 0.52 | 0.87 | 0.80 | 0.95 | 1.13 | 1.22 | 1.32 | 1.15 | 1.02 | 0.66 |
| | -10.85 | -18.68 | -15.28 | -18.16 | -19.50 | -14.29 | -18.85 | -24.65 | -14.09 | -9.07 | -7.59 | -6.30 | -7.54 | -4.81 | -2.76 | -0.38 | -9.66 | -15.85 | -20.26 | -28.88 | -24.86 | -15.14 | -10.47 | -15.68 |
| ALBANY___1 | 29.03 | 28.66 | 26.90 | 26.86 | 27.88 | 29.23 | 36.72 | 41.98 | 32.51 | 27.35 | 26.59 | 25.58 | 27.08 | 27.24 | 29.35 | 30.23 | 36.32 | 44.93 | 51.27 | 62.22 | 59.05 | 44.99 | 36.79 | 34.69 |
| 23571 | 0.54 | 0.27 | 0.32 | 0.25 | 0.24 | 0.43 | 0.47 | 0.46 | 0.54 | 0.54 | 0.55 | 0.54 | 0.57 | 0.63 | 0.60 | 0.84 | 0.75 | 0.76 | 0.81 | 0.83 | 0.89 | 0.78 | 0.71 | 0.42 |
| | -11.09 | -18.96 | -15.51 | -18.44 | -19.79 | -14.62 | -20.13 | -25.27 | -14.49 | -9.23 | -7.73 | -6.41 | -7.67 | -4.90 | -2.81 | -0.38 | -9.83 | -16.12 | -20.62 | -29.34 | -25.26 | -15.38 | -10.65 | -15.96 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___2 23572 | 29.03 0.54 -11.09 | 28.66 0.27 -18.96 | 26.90 0.32 -15.51 | 26.86 0.25 -18.44 | 27.88 0.24 -19.79 | 29.23 0.43 -14.62 | 36.72 0.47 -20.13 | 41.98 0.46 -25.27 | 32.51 0.54 -14.49 | 27.35 0.54 -9.23 | 26.59 0.55 -7.73 | 25.58 0.54 -6.41 | 27.08 0.57 -7.67 | 27.24 0.63 -4.90 | 29.35 0.60 -2.81 | 30.23 0.84 -0.38 | 36.32 0.75 -9.83 | 44.93 0.76 -16.12 | 51.27 0.81 -20.62 | 62.22 0.83 -29.34 | 59.05 0.89 -25.26 | 44.99 0.78 -15.38 | 36.79 0.71 -10.65 | 34.69 0.42 -15.96 |
| ALBANY___3 23573 | 29.03 0.54 -11.09 | 28.66 0.27 -18.96 | 26.90 0.32 -15.51 | 26.86 0.25 -18.44 | 27.88 0.24 -19.79 | 29.23 0.43 -14.62 | 36.72 0.47 -20.13 | 41.98 0.46 -25.27 | 32.51 0.54 -14.49 | 27.35 0.54 -9.23 | 26.59 0.55 -7.73 | 25.58 0.54 -6.41 | 27.08 0.57 -7.67 | 27.24 0.63 -4.90 | 29.35 0.60 -2.81 | 30.23 0.84 -0.38 | 36.32 0.75 -9.83 | 44.93 0.76 -16.12 | 51.27 0.81 -20.62 | 62.22 0.83 -29.34 | 59.05 0.89 -25.26 | 44.99 0.78 -15.38 | 36.79 0.71 -10.65 | 34.69 0.42 -15.96 |
| ALBANY___4 23574 | 29.03 0.54 -11.09 | 28.66 0.27 -18.96 | 26.90 0.32 -15.51 | 26.86 0.25 -18.44 | 27.88 0.24 -19.79 | 29.23 0.43 -14.62 | 36.72 0.47 -20.13 | 41.98 0.46 -25.27 | 32.51 0.54 -14.49 | 27.35 0.54 -9.23 | 26.59 0.55 -7.73 | 25.58 0.54 -6.41 | 27.08 0.57 -7.67 | 27.24 0.63 -4.90 | 29.35 0.60 -2.81 | 30.23 0.84 -0.38 | 36.32 0.75 -9.83 | 44.93 0.76 -16.12 | 51.27 0.81 -20.62 | 62.22 0.83 -29.34 | 59.05 0.89 -25.26 | 44.99 0.78 -15.38 | 36.79 0.71 -10.65 | 34.69 0.42 -15.96 |
| ALBANY___LFGE 323615 | 30.29 0.68 -12.22 | 28.88 0.36 -19.10 | 27.10 0.41 -15.62 | 27.06 0.31 -18.58 | 28.09 0.30 -19.94 | 30.83 0.54 -16.12 | 49.55 0.61 -32.81 | 45.33 0.60 -28.47 | 34.70 0.68 -16.53 | 27.54 0.68 -9.28 | 26.78 0.70 -7.77 | 25.79 0.71 -6.45 | 27.29 0.73 -7.72 | 27.47 0.83 -4.93 | 29.58 0.81 -2.82 | 30.49 1.10 -0.39 | 36.61 0.98 -9.89 | 45.31 1.04 -16.22 | 51.69 1.11 -20.74 | 62.76 1.15 -29.56 | 59.57 1.22 -25.45 | 45.36 1.04 -15.50 | 37.08 0.94 -10.71 | 34.95 0.59 -16.05 |
| ALCOA_PA_115KV_PL-6C 55860 | 17.12 -0.28 0.00 | 9.27 -0.15 0.00 | 10.88 -0.19 0.00 | 8.01 -0.16 0.00 | 7.68 -0.17 0.00 | 13.87 -0.31 0.00 | 15.71 -0.42 0.00 | 15.91 -0.34 0.00 | 17.06 -0.42 0.00 | 17.09 -0.49 0.00 | 17.82 -0.49 0.00 | 18.13 -0.50 0.00 | 18.32 -0.53 0.00 | 21.09 -0.63 0.00 | 26.21 -0.78 -1.04 | 29.39 -0.75 -1.14 | 26.13 -0.64 -1.03 | 27.46 -0.59 0.00 | 30.18 -0.60 -0.93 | 32.74 -0.54 -1.24 | 33.61 -0.56 -1.27 | 29.30 -0.66 -1.13 | 25.82 -0.64 -1.03 | 18.62 -0.49 -0.80 |
| ALCOA_RYNLDS___DRP 24188 | 17.12 -0.28 0.00 | 9.27 -0.15 0.00 | 10.88 -0.19 0.00 | 8.01 -0.16 0.00 | 7.68 -0.17 0.00 | 13.87 -0.31 0.00 | 15.71 -0.42 0.00 | 15.91 -0.34 0.00 | 17.06 -0.42 0.00 | 17.09 -0.49 0.00 | 17.82 -0.49 0.00 | 18.13 -0.50 0.00 | 18.32 -0.53 0.00 | 21.09 -0.63 0.00 | 26.21 -0.78 -1.04 | 29.39 -0.75 -1.14 | 26.13 -0.64 -1.03 | 27.46 -0.59 0.00 | 30.18 -0.60 -0.93 | 32.74 -0.54 -1.24 | 33.61 -0.56 -1.27 | 29.30 -0.66 -1.13 | 25.82 -0.64 -1.03 | 18.62 -0.49 -0.80 |
| ALCOA___DSASP 323711 | 17.12 -0.28 0.00 | 9.27 -0.15 0.00 | 10.88 -0.19 0.00 | 8.01 -0.16 0.00 | 7.68 -0.17 0.00 | 13.87 -0.31 0.00 | 15.71 -0.42 0.00 | 15.91 -0.34 0.00 | 17.03 -0.45 0.00 | 17.07 -0.51 0.00 | 17.82 -0.49 0.00 | 18.13 -0.50 0.00 | 18.32 -0.53 0.00 | 21.09 -0.63 0.00 | 26.21 -0.78 -1.04 | 29.38 -0.75 -1.14 | 26.13 -0.64 -1.03 | 27.46 -0.59 0.00 | 30.18 -0.60 -0.93 | 32.74 -0.55 -1.24 | 33.61 -0.56 -1.27 | 29.30 -0.66 -1.13 | 25.82 -0.63 -1.03 | 18.62 -0.49 -0.80 |
| ALLEGHENY___COGEN 23514 | 18.73 -0.43 -1.76 | 12.07 -0.24 -2.88 | 13.17 -0.25 -2.36 | 10.82 -0.16 -2.80 | 10.74 -0.12 -3.01 | 16.29 -0.21 -2.33 | 19.84 -0.29 -4.00 | 19.75 -0.57 -4.07 | 19.05 -0.86 -2.42 | 18.11 -0.91 -1.44 | 18.41 -1.12 -1.21 | 18.46 -1.17 -1.00 | 18.86 -1.19 -1.20 | 21.00 -1.48 -0.77 | 23.71 -2.67 -0.44 | 26.25 -2.81 -0.06 | 24.76 -2.52 -1.54 | 28.28 -2.30 -2.52 | 31.10 -1.97 -3.22 | 34.02 -1.92 -3.90 | 36.33 -0.53 -3.95 | 30.83 -0.40 -2.41 | 26.61 -0.48 -1.67 | 20.68 -0.13 -2.49 |
| ALTAMONT_115KV_TB 2 55880 | 29.34 0.54 -11.41 | 28.71 0.29 -19.00 | 26.95 0.34 -15.53 | 26.90 0.25 -18.47 | 27.93 0.25 -19.83 | 29.65 0.44 -15.03 | 40.32 0.52 -23.68 | 42.91 0.50 -26.15 | 33.11 0.56 -15.06 | 27.38 0.56 -9.24 | 26.64 0.59 -7.74 | 25.65 0.60 -6.42 | 27.13 0.60 -7.68 | 27.32 0.69 -4.91 | 29.54 0.78 -2.81 | 30.43 1.04 -0.39 | 36.51 0.93 -9.85 | 45.21 1.01 -16.15 | 51.58 1.07 -20.65 | 62.58 1.15 -29.38 | 59.38 1.18 -25.29 | 45.29 1.07 -15.40 | 37.04 0.94 -10.67 | 34.89 0.59 -15.98 |
| ALTONA_WT_PWR 323606 | 16.91 -0.49 0.00 | 9.09 -0.33 0.00 | 10.64 -0.43 0.00 | 7.79 -0.38 0.00 | 7.46 -0.39 0.00 | 13.49 -0.69 0.00 | 15.25 -0.87 0.00 | 15.49 -0.76 0.00 | 16.57 -0.91 0.00 | 16.66 -0.91 0.00 | 17.44 -0.88 0.00 | 17.72 -0.91 0.00 | 17.86 -0.98 0.00 | 20.50 -1.22 0.00 | -7.03 -1.51 31.48 | -7.04 -1.60 34.44 | -7.01 -1.36 31.38 | 26.74 -1.32 0.00 | 0.19 -1.46 28.20 | -7.00 -1.47 37.58 | -7.04 -1.55 38.39 | -7.03 -1.50 34.36 | -7.06 -1.40 31.09 | -7.05 -1.04 24.32 |
| AMERICAN_REF_FUEL 24010 | 17.15 -1.83 -1.58 | 11.13 -0.88 -2.58 | 12.14 -1.04 -2.11 | 9.95 -0.74 -2.51 | 9.87 -0.68 -2.70 | 14.88 -1.39 -2.09 | 18.02 -1.69 -3.59 | 18.02 -1.89 -3.65 | 17.55 -2.10 -2.17 | 17.15 -1.72 -1.29 | 17.48 -1.92 -1.08 | 17.56 -1.98 -0.90 | 17.96 -1.96 -1.08 | 19.91 -2.50 -0.69 | 23.07 -3.27 -0.39 | 25.46 -3.60 -0.06 | 23.75 -3.37 -1.38 | 26.75 -3.56 -2.26 | 29.04 -3.70 -2.89 | 31.32 -4.36 -3.62 | 32.33 -4.11 -3.54 | 27.70 -3.29 -2.16 | 24.05 -2.87 -1.49 | 18.89 -1.67 -2.24 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 17.74 -1.43 -1.77 | 11.63 -0.68 -2.89 | 12.64 -0.80 -2.37 | 10.42 -0.56 -2.81 | 10.35 -0.52 -3.02 | 15.47 -1.05 -2.34 | 18.97 -1.18 -4.02 | 18.96 -1.38 -4.08 | 18.30 -1.61 -2.43 | 17.69 -1.34 -1.45 | 18.06 -1.47 -1.21 | 18.11 -1.53 -1.01 | 18.58 -1.47 -1.20 | 20.57 -1.91 -0.77 | 23.90 -2.49 -0.44 | 26.34 -2.73 -0.06 | 24.66 -2.63 -1.54 | 27.89 -2.69 -2.53 | 30.25 -2.84 -3.23 | 32.76 -3.33 -4.04 | 33.58 -3.29 -3.97 | 28.62 -2.62 -2.42 | 24.66 -2.44 -1.67 | 19.46 -1.36 -2.50 |
| ARTHUR KILL_GT_1 23520 | 28.48 1.44 -9.64 | 25.84 0.79 -15.63 | 24.77 0.92 -12.78 | 24.05 0.68 -15.20 | 24.82 0.65 -16.31 | 28.08 1.19 -12.71 | 39.99 1.34 -22.53 | 39.83 1.33 -22.25 | 31.82 1.54 -12.79 | 26.85 1.70 -7.56 | 26.42 1.78 -6.33 | 25.70 1.81 -5.26 | 26.93 1.79 -6.29 | 27.82 2.06 -4.04 | 30.64 2.36 -2.33 | 32.16 2.81 -0.34 | 36.18 2.37 -8.07 | 43.83 2.55 -13.23 | 49.33 2.60 -16.89 | 58.95 2.85 -24.05 | 56.50 2.90 -20.70 | 43.94 2.51 -12.61 | 36.42 2.26 -8.73 | 32.88 1.48 -13.08 |
| ARTHUR_KILL_2 23512 | 28.43 1.39 -9.64 | 25.81 0.76 -15.63 | 24.75 0.90 -12.78 | 24.04 0.66 -15.20 | 24.80 0.64 -16.31 | 28.04 1.15 -12.71 | 39.95 1.29 -22.53 | 39.80 1.30 -22.25 | 31.78 1.50 -12.79 | 26.80 1.65 -7.56 | 26.39 1.74 -6.33 | 25.64 1.75 -5.26 | 26.89 1.75 -6.29 | 27.77 2.02 -4.04 | 30.59 2.31 -2.33 | 32.11 2.76 -0.34 | 36.10 2.29 -8.07 | 43.75 2.47 -13.23 | 49.25 2.51 -16.89 | 58.86 2.76 -24.05 | 56.37 2.76 -20.70 | 43.86 2.42 -12.61 | 36.35 2.19 -8.73 | 32.82 1.43 -13.08 |
| ARTHUR_KILL_3 23513 | 28.16 1.13 -9.63 | 25.69 0.65 -15.62 | 24.60 0.75 -12.77 | 23.92 0.56 -15.19 | 24.70 0.54 -16.30 | 27.85 0.96 -12.70 | 39.78 1.13 -22.53 | 39.65 1.15 -22.24 | 31.62 1.35 -12.79 | 26.65 1.51 -7.56 | 26.22 1.58 -6.33 | 25.49 1.60 -5.25 | 26.73 1.60 -6.28 | 27.59 1.84 -4.03 | 30.40 2.13 -2.32 | 31.92 2.58 -0.34 | 36.07 2.27 -8.07 | 43.63 2.36 -13.22 | 49.09 2.36 -16.89 | 58.73 2.63 -24.05 | 56.27 2.66 -20.70 | 43.65 2.22 -12.61 | 36.16 2.01 -8.72 | 32.61 1.23 -13.07 |

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|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| ARTHUR_KILL_COGEN 323718 | 28.48 1.44 -9.64 | 25.84 0.79 -15.63 | 24.77 0.92 -12.78 | 24.05 0.68 -15.20 | 24.82 0.65 -16.31 | 28.08 1.19 -12.71 | 39.99 1.34 -22.53 | 39.83 1.33 -22.25 | 31.82 1.54 -12.79 | 26.85 1.70 -7.56 | 26.42 1.78 -6.33 | 25.70 1.81 -5.26 | 26.93 1.79 -6.29 | 27.82 2.06 -4.04 | 30.64 2.36 -2.33 | 32.16 2.81 -0.34 | 36.18 2.37 -8.07 | 43.83 2.55 -13.23 | 49.33 2.60 -16.89 | 58.95 2.85 -24.05 | 56.50 2.90 -20.70 | 43.94 2.51 -12.61 | 36.42 2.26 -8.73 | 32.88 1.48 -13.08 |
| ASHOKAN____ 23654 | 28.49 0.89 -10.21 | 26.85 0.01 -17.42 | 25.34 0.02 -14.25 | 25.13 0.02 -16.94 | 26.04 0.01 -18.18 | 28.01 0.37 -13.46 | 35.95 1.08 -18.74 | 40.57 1.04 -23.27 | 31.90 1.14 -13.28 | 25.95 -0.07 -8.44 | 25.34 -0.04 -7.06 | 24.42 -0.07 -5.86 | 25.76 -0.09 -7.02 | 26.13 -0.06 -4.48 | 28.44 -0.08 -2.57 | 30.26 0.90 -0.35 | 34.91 0.18 -8.99 | 43.08 0.28 -14.74 | 49.09 0.39 -18.85 | 59.49 0.58 -26.86 | 56.68 0.66 -23.12 | 43.43 0.52 -14.08 | 35.57 0.41 -9.74 | 32.96 0.06 -14.59 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 28.27 1.24 -9.64 | 25.76 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.59 -16.31 | 27.94 1.05 -12.71 | 39.74 1.08 -22.53 | 39.58 1.09 -22.24 | 31.60 1.33 -12.79 | 26.66 1.53 -7.55 | 26.23 1.59 -6.32 | 25.50 1.62 -5.24 | 26.74 1.62 -6.28 | 27.63 1.89 -4.03 | 30.37 2.10 -2.32 | 31.89 2.55 -0.33 | 35.97 2.19 -8.04 | 43.63 2.36 -13.22 | 49.06 2.33 -16.88 | 58.66 2.56 -24.04 | 56.17 2.57 -20.70 | 43.60 2.16 -12.61 | 36.16 2.01 -8.73 | 32.71 1.32 -13.07 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 28.26 1.22 -9.64 | 25.76 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.59 -16.31 | 27.94 1.05 -12.71 | 39.74 1.08 -22.53 | 39.58 1.09 -22.24 | 31.60 1.33 -12.79 | 26.66 1.53 -7.55 | 26.23 1.59 -6.32 | 25.50 1.62 -5.24 | 26.74 1.62 -6.28 | 27.63 1.89 -4.03 | 30.37 2.10 -2.32 | 31.89 2.55 -0.33 | 35.97 2.19 -8.04 | 43.63 2.36 -13.22 | 49.06 2.33 -16.88 | 58.66 2.56 -24.04 | 56.17 2.57 -20.70 | 43.60 2.16 -12.61 | 36.16 2.01 -8.73 | 32.71 1.32 -13.07 |
| ASTORIA_GT2_1 24094 | 28.27 1.24 -9.64 | 25.75 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.61 1.11 -22.25 | 31.66 1.33 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.65 1.89 -4.04 | 30.37 2.10 -2.33 | 31.93 2.58 -0.34 | 36.02 2.19 -8.09 | 43.72 2.38 -13.28 | 49.14 2.33 -16.97 | 58.66 2.56 -24.05 | 56.20 2.60 -20.70 | 43.57 2.13 -12.61 | 36.23 2.03 -8.77 | 32.76 1.32 -13.13 |
| ASTORIA_GT2_2 24095 | 28.27 1.24 -9.64 | 25.75 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.61 1.11 -22.25 | 31.66 1.33 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.65 1.89 -4.04 | 30.37 2.10 -2.33 | 31.93 2.58 -0.34 | 36.02 2.19 -8.09 | 43.72 2.38 -13.28 | 49.14 2.33 -16.97 | 58.66 2.56 -24.05 | 56.20 2.60 -20.70 | 43.57 2.13 -12.61 | 36.23 2.03 -8.77 | 32.76 1.32 -13.13 |
| ASTORIA_GT2_3 24096 | 28.27 1.24 -9.64 | 25.75 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.61 1.11 -22.25 | 31.66 1.33 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.65 1.89 -4.04 | 30.37 2.10 -2.33 | 31.93 2.58 -0.34 | 36.02 2.19 -8.09 | 43.72 2.38 -13.28 | 49.14 2.33 -16.97 | 58.66 2.56 -24.05 | 56.20 2.60 -20.70 | 43.57 2.13 -12.61 | 36.23 2.03 -8.77 | 32.76 1.32 -13.13 |
| ASTORIA_GT2_4 24097 | 28.27 1.24 -9.64 | 25.75 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.61 1.11 -22.25 | 31.66 1.33 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.65 1.89 -4.04 | 30.37 2.10 -2.33 | 31.93 2.58 -0.34 | 36.02 2.19 -8.09 | 43.72 2.38 -13.28 | 49.14 2.33 -16.97 | 58.66 2.56 -24.05 | 56.20 2.60 -20.70 | 43.57 2.13 -12.61 | 36.23 2.03 -8.77 | 32.76 1.32 -13.13 |
| ASTORIA_GT3_1 24098 | 28.27 1.24 -9.64 | 25.75 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.61 1.11 -22.25 | 31.66 1.33 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.65 1.89 -4.04 | 30.37 2.10 -2.33 | 31.93 2.58 -0.34 | 36.02 2.19 -8.09 | 43.72 2.38 -13.28 | 49.14 2.33 -16.97 | 58.66 2.56 -24.05 | 56.20 2.60 -20.70 | 43.57 2.13 -12.61 | 36.23 2.03 -8.77 | 32.76 1.32 -13.13 |
| ASTORIA_GT3_2 24099 | 28.27 1.24 -9.64 | 25.75 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.61 1.11 -22.25 | 31.66 1.33 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.65 1.89 -4.04 | 30.37 2.10 -2.33 | 31.93 2.58 -0.34 | 36.02 2.19 -8.09 | 43.72 2.38 -13.28 | 49.14 2.33 -16.97 | 58.66 2.56 -24.05 | 56.20 2.60 -20.70 | 43.57 2.13 -12.61 | 36.23 2.03 -8.77 | 32.76 1.32 -13.13 |
| ASTORIA_GT3_3 24100 | 28.27 1.24 -9.64 | 25.75 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.61 1.11 -22.25 | 31.66 1.33 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.65 1.89 -4.04 | 30.37 2.10 -2.33 | 31.93 2.58 -0.34 | 36.02 2.19 -8.09 | 43.72 2.38 -13.28 | 49.14 2.33 -16.97 | 58.66 2.56 -24.05 | 56.20 2.60 -20.70 | 43.57 2.13 -12.61 | 36.23 2.03 -8.77 | 32.76 1.32 -13.13 |
| ASTORIA_GT3_4 24101 | 28.27 1.24 -9.64 | 25.75 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.61 1.11 -22.25 | 31.66 1.33 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.65 1.89 -4.04 | 30.37 2.10 -2.33 | 31.93 2.58 -0.34 | 36.02 2.19 -8.09 | 43.72 2.38 -13.28 | 49.14 2.33 -16.97 | 58.66 2.56 -24.05 | 56.20 2.60 -20.70 | 43.57 2.13 -12.61 | 36.23 2.03 -8.77 | 32.76 1.32 -13.13 |
| ASTORIA_GT4_1 24102 | 28.27 1.24 -9.64 | 25.75 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.61 1.11 -22.25 | 31.66 1.33 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.65 1.89 -4.04 | 30.37 2.10 -2.33 | 31.93 2.58 -0.34 | 36.02 2.19 -8.09 | 43.72 2.38 -13.28 | 49.14 2.33 -16.97 | 58.66 2.56 -24.05 | 56.20 2.60 -20.70 | 43.57 2.13 -12.61 | 36.23 2.03 -8.77 | 32.76 1.32 -13.13 |
| ASTORIA_GT4_2 24103 | 28.27 1.24 -9.64 | 25.75 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.61 1.11 -22.25 | 31.66 1.33 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.65 1.89 -4.04 | 30.37 2.10 -2.33 | 31.93 2.58 -0.34 | 36.02 2.19 -8.09 | 43.72 2.38 -13.28 | 49.14 2.33 -16.97 | 58.66 2.56 -24.05 | 56.20 2.60 -20.70 | 43.57 2.13 -12.61 | 36.23 2.03 -8.77 | 32.76 1.32 -13.13 |
| ASTORIA_GT4_3 24104 | 28.27 1.24 -9.64 | 25.75 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.61 1.11 -22.25 | 31.66 1.33 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.65 1.89 -4.04 | 30.37 2.10 -2.33 | 31.93 2.58 -0.34 | 36.02 2.19 -8.09 | 43.72 2.38 -13.28 | 49.14 2.33 -16.97 | 58.66 2.56 -24.05 | 56.20 2.60 -20.70 | 43.57 2.13 -12.61 | 36.23 2.03 -8.77 | 32.76 1.32 -13.13 |

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|----------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| ASTORIA_GT4_4 24105 | 28.27 1.24 -9.64 | 25.75 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.61 1.11 -22.25 | 31.66 1.33 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.65 1.89 -4.04 | 30.37 2.10 -2.33 | 31.93 2.58 -0.34 | 36.02 2.19 -8.09 | 43.72 2.38 -13.28 | 49.14 2.33 -16.97 | 58.66 2.56 -24.05 | 56.20 2.60 -20.70 | 43.57 2.13 -12.61 | 36.23 2.03 -8.77 | 32.76 1.32 -13.13 |
| ASTORIA_GT_1 23523 | 28.29 1.25 -9.64 | 25.76 0.72 -15.63 | 24.70 0.85 -12.78 | 24.00 0.63 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.77 1.11 -22.53 | 39.61 1.12 -22.24 | 31.63 1.36 -12.79 | 26.69 1.56 -7.55 | 26.27 1.63 -6.32 | 25.53 1.66 -5.24 | 26.78 1.66 -6.28 | 27.68 1.93 -4.03 | 30.42 2.15 -2.32 | 31.97 2.64 -0.33 | 36.02 2.24 -8.04 | 43.69 2.41 -13.22 | 49.15 2.42 -16.88 | 58.75 2.66 -24.04 | 56.26 2.66 -20.70 | 43.65 2.22 -12.61 | 36.21 2.06 -8.73 | 32.74 1.36 -13.07 |
| ASTORIA_GT_10 24110 | 28.33 1.29 -9.64 | 25.77 0.73 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.83 1.18 -22.53 | 39.72 1.22 -22.25 | 31.77 1.43 -12.85 | 26.78 1.60 -7.60 | 26.34 1.67 -6.36 | 25.61 1.70 -5.28 | 26.86 1.70 -6.32 | 27.73 1.95 -4.06 | 30.52 2.23 -2.34 | 32.05 2.70 -0.34 | 36.17 2.34 -8.09 | 43.86 2.52 -13.28 | 49.32 2.51 -16.97 | 58.86 2.76 -24.05 | 56.37 2.76 -20.70 | 43.71 2.28 -12.61 | 36.28 2.08 -8.77 | 32.78 1.34 -13.13 |
| ASTORIA_GT_11 24225 | 28.33 1.29 -9.64 | 25.77 0.73 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.83 1.18 -22.53 | 39.72 1.22 -22.25 | 31.77 1.43 -12.85 | 26.78 1.60 -7.60 | 26.34 1.67 -6.36 | 25.61 1.70 -5.28 | 26.86 1.70 -6.32 | 27.73 1.95 -4.06 | 30.52 2.23 -2.34 | 32.05 2.70 -0.34 | 36.17 2.34 -8.09 | 43.86 2.52 -13.28 | 49.32 2.51 -16.97 | 58.86 2.76 -24.05 | 56.37 2.76 -20.70 | 43.71 2.28 -12.61 | 36.28 2.08 -8.77 | 32.78 1.34 -13.13 |
| ASTORIA_GT_12 24226 | 28.33 1.29 -9.64 | 25.77 0.73 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.83 1.18 -22.53 | 39.72 1.22 -22.25 | 31.77 1.43 -12.85 | 26.78 1.60 -7.60 | 26.34 1.67 -6.36 | 25.61 1.70 -5.28 | 26.86 1.70 -6.32 | 27.73 1.95 -4.06 | 30.52 2.23 -2.34 | 32.05 2.70 -0.34 | 36.17 2.34 -8.09 | 43.86 2.52 -13.28 | 49.32 2.51 -16.97 | 58.86 2.76 -24.05 | 56.37 2.76 -20.70 | 43.71 2.28 -12.61 | 36.28 2.08 -8.77 | 32.78 1.34 -13.13 |
| ASTORIA_GT_13 24227 | 28.33 1.29 -9.64 | 25.77 0.73 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.83 1.18 -22.53 | 39.72 1.22 -22.25 | 31.77 1.43 -12.85 | 26.78 1.60 -7.60 | 26.34 1.67 -6.36 | 25.61 1.70 -5.28 | 26.86 1.70 -6.32 | 27.73 1.95 -4.06 | 30.52 2.23 -2.34 | 32.05 2.70 -0.34 | 36.17 2.34 -8.09 | 43.86 2.52 -13.28 | 49.32 2.51 -16.97 | 58.86 2.76 -24.05 | 56.37 2.76 -20.70 | 43.71 2.28 -12.61 | 36.28 2.08 -8.77 | 32.78 1.34 -13.13 |
| ASTORIA_GT_5 24106 | 28.29 1.25 -9.64 | 25.76 0.72 -15.63 | 24.70 0.85 -12.78 | 24.00 0.63 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.77 1.11 -22.53 | 39.62 1.12 -22.25 | 31.70 1.36 -12.85 | 26.73 1.56 -7.58 | 26.30 1.63 -6.36 | 25.56 1.66 -5.26 | 26.81 1.66 -6.30 | 27.69 1.93 -4.04 | 30.43 2.15 -2.33 | 31.99 2.64 -0.34 | 36.07 2.24 -8.09 | 43.78 2.44 -13.28 | 49.20 2.39 -16.97 | 58.73 2.63 -24.05 | 56.27 2.66 -20.70 | 43.63 2.19 -12.61 | 36.25 2.06 -8.77 | 32.80 1.36 -13.13 |
| ASTORIA_GT_7 24107 | 28.29 1.25 -9.64 | 25.76 0.72 -15.63 | 24.70 0.85 -12.78 | 24.00 0.63 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.77 1.11 -22.53 | 39.62 1.12 -22.25 | 31.70 1.36 -12.85 | 26.73 1.56 -7.58 | 26.30 1.63 -6.36 | 25.56 1.66 -5.26 | 26.81 1.66 -6.30 | 27.69 1.93 -4.04 | 30.43 2.15 -2.33 | 31.99 2.64 -0.34 | 36.07 2.24 -8.09 | 43.78 2.44 -13.28 | 49.20 2.39 -16.97 | 58.73 2.63 -24.05 | 56.27 2.66 -20.70 | 43.63 2.19 -12.61 | 36.25 2.06 -8.77 | 32.80 1.36 -13.13 |
| ASTORIA_GT_8 24108 | 28.29 1.25 -9.64 | 25.76 0.72 -15.63 | 24.70 0.85 -12.78 | 24.00 0.63 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.77 1.11 -22.53 | 39.62 1.12 -22.25 | 31.70 1.36 -12.85 | 26.73 1.56 -7.58 | 26.30 1.63 -6.36 | 25.56 1.66 -5.26 | 26.81 1.66 -6.30 | 27.69 1.93 -4.04 | 30.43 2.15 -2.33 | 31.99 2.64 -0.34 | 36.07 2.24 -8.09 | 43.78 2.44 -13.28 | 49.20 2.39 -16.97 | 58.73 2.63 -24.05 | 56.27 2.66 -20.70 | 43.63 2.19 -12.61 | 36.25 2.06 -8.77 | 32.80 1.36 -13.13 |
| ASTORIA___2 24149 | 28.27 1.24 -9.64 | 25.76 0.71 -15.63 | 24.68 0.83 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.94 1.05 -12.71 | 39.75 1.10 -22.53 | 39.60 1.11 -22.24 | 31.60 1.33 -12.79 | 26.68 1.55 -7.55 | 26.23 1.59 -6.32 | 25.50 1.62 -5.24 | 26.74 1.62 -6.28 | 27.63 1.89 -4.03 | 30.37 2.10 -2.32 | 31.92 2.58 -0.33 | 35.97 2.19 -8.04 | 43.63 2.36 -13.22 | 49.09 2.36 -16.88 | 58.69 2.59 -24.04 | 56.20 2.60 -20.70 | 43.62 2.19 -12.61 | 36.19 2.03 -8.73 | 32.71 1.32 -13.07 |
| ASTORIA___3 23516 | 28.32 1.29 -9.64 | 25.77 0.73 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.83 1.18 -22.53 | 39.72 1.22 -22.25 | 31.71 1.43 -12.79 | 26.74 1.60 -7.56 | 26.31 1.67 -6.33 | 25.59 1.70 -5.26 | 26.83 1.70 -6.29 | 27.71 1.96 -4.04 | 30.53 2.26 -2.33 | 32.07 2.73 -0.34 | 36.13 2.34 -8.05 | 43.77 2.50 -13.22 | 49.25 2.51 -16.89 | 58.86 2.76 -24.05 | 56.37 2.76 -20.70 | 43.77 2.33 -12.61 | 36.24 2.09 -8.73 | 32.72 1.34 -13.07 |
| ASTORIA___4 23517 | 28.33 1.29 -9.64 | 25.77 0.73 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.83 1.18 -22.53 | 39.72 1.22 -22.25 | 31.77 1.43 -12.85 | 26.78 1.60 -7.60 | 26.34 1.67 -6.36 | 25.61 1.70 -5.28 | 26.86 1.70 -6.32 | 27.73 1.95 -4.06 | 30.52 2.23 -2.34 | 32.05 2.70 -0.34 | 36.17 2.34 -8.09 | 43.86 2.52 -13.28 | 49.32 2.51 -16.97 | 58.86 2.76 -24.05 | 56.37 2.76 -20.70 | 43.71 2.28 -12.61 | 36.28 2.08 -8.77 | 32.78 1.34 -13.13 |
| ASTORIA___5 23518 | 28.32 1.29 -9.64 | 25.77 0.73 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.83 1.18 -22.53 | 39.72 1.22 -22.25 | 31.71 1.43 -12.79 | 26.74 1.60 -7.56 | 26.31 1.67 -6.33 | 25.59 1.70 -5.26 | 26.83 1.70 -6.29 | 27.71 1.96 -4.04 | 30.53 2.26 -2.33 | 32.07 2.73 -0.34 | 36.13 2.34 -8.05 | 43.77 2.50 -13.22 | 49.25 2.51 -16.89 | 58.86 2.76 -24.05 | 56.37 2.76 -20.70 | 43.77 2.33 -12.61 | 36.24 2.09 -8.73 | 32.72 1.34 -13.07 |
| AST_ENERGY_2_CC3 323677 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.62 0.77 -12.77 | 23.94 0.57 -15.19 | 24.71 0.55 -16.30 | 27.87 0.99 -12.70 | 39.78 1.13 -22.53 | 39.65 1.15 -22.24 | 31.62 1.35 -12.79 | 26.65 1.51 -7.56 | 26.22 1.58 -6.33 | 25.49 1.60 -5.25 | 26.73 1.60 -6.28 | 27.59 1.84 -4.03 | 30.37 2.10 -2.32 | 31.89 2.55 -0.34 | 36.01 2.21 -8.05 | 43.63 2.36 -13.22 | 49.09 2.36 -16.89 | 58.73 2.63 -24.05 | 56.27 2.66 -20.70 | 43.65 2.22 -12.61 | 36.14 1.98 -8.72 | 32.61 1.23 -13.07 |
| AST_ENERGY_2_CC4 323678 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.62 0.77 -12.77 | 23.94 0.57 -15.19 | 24.71 0.55 -16.30 | 27.87 0.99 -12.70 | 39.78 1.13 -22.53 | 39.65 1.15 -22.24 | 31.62 1.35 -12.79 | 26.65 1.51 -7.56 | 26.22 1.58 -6.33 | 25.49 1.60 -5.25 | 26.73 1.60 -6.28 | 27.59 1.84 -4.03 | 30.37 2.10 -2.32 | 31.89 2.55 -0.34 | 36.01 2.21 -8.05 | 43.63 2.36 -13.22 | 49.09 2.36 -16.89 | 58.73 2.63 -24.05 | 56.27 2.66 -20.70 | 43.65 2.22 -12.61 | 36.14 1.98 -8.72 | 32.61 1.23 -13.07 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| ATHENS_STG_1 23668 | 28.55 0.66 -10.49 | 26.92 0.37 -17.13 | 25.51 0.43 -14.01 | 25.15 0.32 -16.66 | 26.04 0.31 -17.88 | 28.55 0.54 -13.83 | 40.55 0.61 -23.81 | 41.05 0.62 -24.18 | 32.13 0.72 -13.93 | 26.65 0.76 -8.31 | 26.08 0.81 -6.96 | 25.23 0.82 -5.77 | 26.56 0.81 -6.91 | 27.06 0.93 -4.41 | 29.57 1.09 -2.53 | 30.71 1.36 -0.35 | 35.81 1.21 -8.86 | 43.87 1.29 -14.53 | 49.77 1.34 -18.58 | 59.91 1.41 -26.45 | 57.12 1.45 -22.77 | 43.99 1.30 -13.87 | 36.17 1.15 -9.60 | 33.39 0.70 -14.38 |
| ATHENS_STG_2 23670 | 28.55 0.66 -10.49 | 26.92 0.37 -17.13 | 25.51 0.43 -14.01 | 25.15 0.32 -16.66 | 26.04 0.31 -17.88 | 28.55 0.54 -13.83 | 40.55 0.61 -23.81 | 41.05 0.62 -24.18 | 32.13 0.72 -13.93 | 26.65 0.76 -8.31 | 26.08 0.81 -6.96 | 25.23 0.82 -5.77 | 26.56 0.81 -6.91 | 27.06 0.93 -4.41 | 29.57 1.09 -2.53 | 30.71 1.36 -0.35 | 35.81 1.21 -8.86 | 43.87 1.29 -14.53 | 49.77 1.34 -18.58 | 59.91 1.41 -26.45 | 57.12 1.45 -22.77 | 43.99 1.30 -13.87 | 36.17 1.15 -9.60 | 33.39 0.70 -14.38 |
| ATHENS_STG_3 23677 | 28.55 0.66 -10.49 | 26.92 0.37 -17.13 | 25.51 0.43 -14.01 | 25.15 0.32 -16.66 | 26.04 0.31 -17.88 | 28.55 0.54 -13.83 | 40.55 0.61 -23.81 | 41.05 0.62 -24.18 | 32.13 0.72 -13.93 | 26.65 0.76 -8.31 | 26.08 0.81 -6.96 | 25.23 0.82 -5.77 | 26.56 0.81 -6.91 | 27.06 0.93 -4.41 | 29.57 1.09 -2.53 | 30.71 1.36 -0.35 | 35.81 1.21 -8.86 | 43.87 1.29 -14.53 | 49.77 1.34 -18.58 | 59.91 1.41 -26.45 | 57.12 1.45 -22.77 | 43.99 1.30 -13.87 | 36.17 1.15 -9.60 | 33.39 0.70 -14.38 |
| AUBURN___LFGE 323710 | 18.61 -0.09 -1.30 | 11.48 -0.07 -2.13 | 12.74 -0.07 -1.74 | 10.20 -0.04 -2.07 | 10.04 -0.03 -2.22 | 15.87 -0.03 -1.72 | 19.11 0.03 -2.95 | 19.27 0.02 -3.00 | 19.20 -0.02 -1.73 | 18.56 -0.05 -1.03 | 19.09 -0.09 -0.86 | 19.28 -0.07 -0.72 | 19.66 -0.04 -0.86 | 22.24 -0.02 -0.55 | 26.26 0.00 -0.31 | 28.90 -0.15 -0.04 | 26.68 -0.15 -1.10 | 29.72 -0.14 -1.80 | 32.10 -0.06 -2.31 | 35.50 -0.06 -3.52 | 35.77 -0.07 -2.93 | 30.55 -0.06 -1.78 | 26.52 -0.10 -1.19 | 20.08 -0.02 -1.78 |
| BABYLON_RES_REC 323704 | 28.46 1.43 -9.64 | 25.80 0.75 -15.62 | 24.75 0.91 -12.78 | 24.06 0.69 -15.19 | 24.81 0.64 -16.31 | 28.16 1.28 -12.70 | 40.00 1.34 -22.54 | 40.02 1.51 -22.25 | 31.82 1.54 -12.80 | 26.61 1.48 -7.56 | 26.35 1.70 -6.33 | 25.58 1.70 -5.25 | 26.56 1.43 -6.29 | 27.54 1.80 -4.02 | 30.41 2.15 -2.31 | 32.43 2.81 -0.61 | 36.18 2.37 -8.08 | 43.57 2.30 -13.22 | 49.16 2.42 -16.89 | 61.52 2.66 -26.81 | 64.16 2.70 -28.56 | 49.17 2.42 -17.92 | 36.54 2.39 -8.73 | 32.74 1.36 -13.07 |
| BABYLON___69_KV_BK2 356345 | 28.63 1.60 -9.64 | 25.89 0.85 -15.62 | 24.86 1.02 -12.78 | 24.14 0.77 -15.19 | 24.88 0.72 -16.31 | 28.30 1.42 -12.70 | 40.16 1.50 -22.54 | 40.20 1.69 -22.25 | 32.03 1.70 -12.85 | 26.74 1.56 -7.59 | 26.52 1.85 -6.36 | 25.75 1.84 -5.27 | 26.68 1.53 -6.31 | 27.60 1.85 -4.04 | 30.50 2.23 -2.32 | 32.60 2.99 -0.61 | 36.43 2.57 -8.11 | 44.22 2.89 -13.28 | 49.95 3.13 -16.97 | 62.24 3.43 -26.76 | 64.81 3.52 -28.39 | 49.60 2.97 -17.81 | 36.89 2.70 -8.77 | 32.95 1.50 -13.13 |
| BALL_HILL_WT_PWR 323825 | 17.84 -1.30 -1.75 | 11.65 -0.62 -2.86 | 12.66 -0.74 -2.34 | 10.44 -0.51 -2.78 | 10.36 -0.47 -2.98 | 15.52 -0.96 -2.31 | 18.98 -1.11 -3.97 | 18.97 -1.32 -4.03 | 18.36 -1.52 -2.40 | 17.76 -1.25 -1.43 | 18.12 -1.39 -1.20 | 18.19 -1.43 -0.99 | 18.64 -1.39 -1.19 | 20.65 -1.82 -0.76 | 23.97 -2.41 -0.44 | 26.45 -2.61 -0.06 | 24.77 -2.50 -1.52 | 27.94 -2.61 -2.50 | 30.33 -2.72 -3.19 | 32.84 -3.20 -4.00 | 33.76 -3.06 -3.92 | 28.85 -2.36 -2.39 | 24.92 -2.16 -1.65 | 19.63 -1.15 -2.47 |
| BARON_WINDS___WT_PWR 323822 | 18.53 -1.08 -2.21 | 12.46 -0.57 -3.61 | 13.36 -0.66 -2.96 | 11.22 -0.47 -3.51 | 11.19 -0.44 -3.77 | 16.28 -0.82 -2.92 | 20.23 -0.92 -5.02 | 20.27 -1.09 -5.10 | 19.22 -1.29 -3.03 | 18.17 -1.21 -1.81 | 18.49 -1.34 -1.51 | 18.49 -1.40 -1.26 | 18.97 -1.37 -1.50 | 21.01 -1.67 -0.96 | 24.40 -2.10 -0.55 | 26.73 -2.35 -0.08 | 25.48 -2.19 -1.93 | 29.00 -2.22 -3.16 | 31.65 -2.24 -4.04 | 34.52 -2.47 -4.93 | 35.59 -2.27 -4.95 | 30.03 -1.82 -3.02 | 25.86 -1.65 -2.09 | 20.56 -0.88 -3.13 |
| BARRETT_IC_1 23704 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.63 2.27 -13.30 | 49.16 2.42 -16.89 | 87.07 2.56 -52.45 | 137.22 2.63 -101.69 | 98.62 2.28 -67.52 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |
| BARRETT_IC_10 23701 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.56 2.27 -13.24 | 49.16 2.42 -16.89 | 68.41 2.56 -33.80 | 84.01 2.63 -48.48 | 62.53 2.28 -31.43 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |
| BARRETT_IC_11 23702 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.56 2.27 -13.24 | 49.16 2.42 -16.89 | 68.41 2.56 -33.80 | 84.01 2.63 -48.48 | 62.53 2.28 -31.43 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |
| BARRETT_IC_12 23703 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.56 2.27 -13.24 | 49.16 2.42 -16.89 | 68.41 2.56 -33.80 | 84.01 2.63 -48.48 | 62.53 2.28 -31.43 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |
| BARRETT_IC_2 23705 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.63 2.27 -13.30 | 49.16 2.42 -16.89 | 87.07 2.56 -52.45 | 137.22 2.63 -101.69 | 98.62 2.28 -67.52 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |
| BARRETT_IC_3 23706 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.63 2.27 -13.30 | 49.16 2.42 -16.89 | 87.07 2.56 -52.45 | 137.22 2.63 -101.69 | 98.62 2.28 -67.52 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |
| BARRETT_IC_4 23707 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.63 2.27 -13.30 | 49.16 2.42 -16.89 | 87.07 2.56 -52.45 | 137.22 2.63 -101.69 | 98.62 2.28 -67.52 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_5 23708 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.63 2.27 -13.30 | 49.16 2.42 -16.89 | 87.07 2.56 -52.45 | 137.22 2.63 -101.69 | 98.62 2.28 -67.52 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |
| BARRETT_IC_6 23709 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.63 2.27 -13.30 | 49.16 2.42 -16.89 | 87.07 2.56 -52.45 | 137.22 2.63 -101.69 | 98.62 2.28 -67.52 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |
| BARRETT_IC_7 23710 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.84 1.18 -22.54 | 39.85 1.35 -22.25 | 31.79 1.45 -12.85 | 26.56 1.39 -7.59 | 26.35 1.59 -6.44 | 25.60 1.60 -5.36 | 26.67 1.43 -6.40 | 27.56 1.74 -4.11 | 30.38 2.05 -2.39 | 35.00 2.73 -3.27 | 36.41 2.27 -8.41 | 43.72 2.30 -13.36 | 49.24 2.42 -16.97 | 87.07 2.56 -52.45 | 137.22 2.63 -101.69 | 98.60 2.25 -67.52 | 36.42 2.14 -8.85 | 32.80 1.26 -13.22 |
| BARRETT_IC_8 23711 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.63 2.27 -13.30 | 49.16 2.42 -16.89 | 87.07 2.56 -52.45 | 137.22 2.63 -101.69 | 98.62 2.28 -67.52 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |
| BARRETT_IC_9 23700 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.56 2.27 -13.24 | 49.16 2.42 -16.89 | 68.41 2.56 -33.80 | 84.01 2.63 -48.48 | 62.53 2.28 -31.43 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |
| BARRETT___1 23545 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.63 2.27 -13.30 | 49.16 2.42 -16.89 | 87.07 2.56 -52.45 | 137.22 2.63 -101.69 | 98.62 2.28 -67.52 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |
| BARRETT___2 23546 | 28.35 1.32 -9.64 | 25.75 0.71 -15.62 | 24.69 0.84 -12.78 | 24.01 0.64 -15.19 | 24.76 0.60 -16.31 | 28.05 1.16 -12.70 | 39.85 1.19 -22.54 | 39.84 1.33 -22.25 | 31.73 1.45 -12.80 | 26.56 1.42 -7.56 | 26.32 1.59 -6.42 | 25.57 1.60 -5.34 | 26.65 1.43 -6.37 | 27.59 1.78 -4.09 | 30.45 2.13 -2.38 | 35.00 2.73 -3.27 | 36.40 2.29 -8.37 | 43.56 2.27 -13.24 | 49.16 2.42 -16.89 | 68.41 2.56 -33.80 | 84.01 2.63 -48.48 | 62.53 2.28 -31.43 | 36.40 2.16 -8.81 | 32.74 1.26 -13.16 |
| BATAVIA__115KV_TB1 55881 | 17.78 -1.10 -1.48 | 11.32 -0.52 -2.42 | 12.44 -0.61 -1.98 | 10.11 -0.42 -2.35 | 10.01 -0.37 -2.53 | 15.38 -0.75 -1.95 | 18.52 -0.97 -3.37 | 18.50 -1.17 -3.42 | 18.06 -1.40 -1.97 | 17.67 -1.09 -1.18 | 18.06 -1.25 -0.99 | 18.19 -1.27 -0.82 | 18.54 -1.28 -0.98 | 20.71 -1.63 -0.63 | 24.08 -2.23 -0.36 | 26.70 -2.35 -0.05 | 24.83 -2.16 -1.25 | 28.09 -2.02 -2.06 | 30.33 -2.15 -2.63 | 32.89 -2.56 -3.41 | 33.92 -2.30 -3.32 | 29.12 -1.73 -2.02 | 25.18 -1.60 -1.36 | 19.49 -0.86 -2.04 |
| BAYONEEC___CTG1 323682 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.94 0.57 -15.19 | 24.71 0.56 -16.30 | 27.87 0.99 -12.70 | 39.82 1.16 -22.53 | 39.69 1.19 -22.24 | 31.66 1.38 -12.79 | 26.66 1.53 -7.56 | 26.24 1.59 -6.33 | 25.50 1.62 -5.25 | 26.75 1.62 -6.28 | 27.61 1.87 -4.03 | 30.42 2.15 -2.32 | 31.95 2.61 -0.34 | 36.08 2.29 -8.05 | 43.68 2.41 -13.22 | 49.15 2.42 -16.89 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.71 2.28 -12.61 | 36.19 2.03 -8.72 | 32.65 1.26 -13.07 |
| BAYONEEC___CTG10 323750 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.94 0.57 -15.19 | 24.71 0.56 -16.30 | 27.87 0.99 -12.70 | 39.82 1.16 -22.53 | 39.69 1.19 -22.24 | 31.66 1.38 -12.79 | 26.66 1.53 -7.56 | 26.24 1.59 -6.33 | 25.50 1.62 -5.25 | 26.75 1.62 -6.28 | 27.61 1.87 -4.03 | 30.42 2.15 -2.32 | 31.95 2.61 -0.34 | 36.08 2.29 -8.05 | 43.68 2.41 -13.22 | 49.15 2.42 -16.89 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.71 2.28 -12.61 | 36.19 2.03 -8.72 | 32.65 1.26 -13.07 |
| BAYONEEC___CTG2 323683 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.94 0.57 -15.19 | 24.71 0.56 -16.30 | 27.87 0.99 -12.70 | 39.82 1.16 -22.53 | 39.69 1.19 -22.24 | 31.66 1.38 -12.79 | 26.66 1.53 -7.56 | 26.24 1.59 -6.33 | 25.50 1.62 -5.25 | 26.75 1.62 -6.28 | 27.61 1.87 -4.03 | 30.42 2.15 -2.32 | 31.95 2.61 -0.34 | 36.08 2.29 -8.05 | 43.68 2.41 -13.22 | 49.15 2.42 -16.89 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.71 2.28 -12.61 | 36.19 2.03 -8.72 | 32.65 1.26 -13.07 |
| BAYONEEC___CTG3 323684 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.94 0.57 -15.19 | 24.71 0.56 -16.30 | 27.87 0.99 -12.70 | 39.82 1.16 -22.53 | 39.69 1.19 -22.24 | 31.66 1.38 -12.79 | 26.66 1.53 -7.56 | 26.24 1.59 -6.33 | 25.50 1.62 -5.25 | 26.75 1.62 -6.28 | 27.61 1.87 -4.03 | 30.42 2.15 -2.32 | 31.95 2.61 -0.34 | 36.08 2.29 -8.05 | 43.68 2.41 -13.22 | 49.15 2.42 -16.89 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.71 2.28 -12.61 | 36.19 2.03 -8.72 | 32.65 1.26 -13.07 |
| BAYONEEC___CTG4 323685 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.94 0.57 -15.19 | 24.71 0.56 -16.30 | 27.87 0.99 -12.70 | 39.82 1.16 -22.53 | 39.69 1.19 -22.24 | 31.66 1.38 -12.79 | 26.66 1.53 -7.56 | 26.24 1.59 -6.33 | 25.50 1.62 -5.25 | 26.75 1.62 -6.28 | 27.61 1.87 -4.03 | 30.42 2.15 -2.32 | 31.95 2.61 -0.34 | 36.08 2.29 -8.05 | 43.68 2.41 -13.22 | 49.15 2.42 -16.89 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.71 2.28 -12.61 | 36.19 2.03 -8.72 | 32.65 1.26 -13.07 |
| BAYONEEC___CTG5 323686 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.94 0.57 -15.19 | 24.71 0.56 -16.30 | 27.87 0.99 -12.70 | 39.82 1.16 -22.53 | 39.69 1.19 -22.24 | 31.66 1.38 -12.79 | 26.66 1.53 -7.56 | 26.24 1.59 -6.33 | 25.50 1.62 -5.25 | 26.75 1.62 -6.28 | 27.61 1.87 -4.03 | 30.42 2.15 -2.32 | 31.95 2.61 -0.34 | 36.08 2.29 -8.05 | 43.68 2.41 -13.22 | 49.15 2.42 -16.89 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.71 2.28 -12.61 | 36.19 2.03 -8.72 | 32.65 1.26 -13.07 |
| BAYONEEC___CTG6 323687 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.94 0.57 -15.19 | 24.71 0.56 -16.30 | 27.87 0.99 -12.70 | 39.82 1.16 -22.53 | 39.69 1.19 -22.24 | 31.66 1.38 -12.79 | 26.66 1.53 -7.56 | 26.24 1.59 -6.33 | 25.50 1.62 -5.25 | 26.75 1.62 -6.28 | 27.61 1.87 -4.03 | 30.42 2.15 -2.32 | 31.95 2.61 -0.34 | 36.08 2.29 -8.05 | 43.68 2.41 -13.22 | 49.15 2.42 -16.89 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.71 2.28 -12.61 | 36.19 2.03 -8.72 | 32.65 1.26 -13.07 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG7 323688 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.94 0.57 -15.19 | 24.71 0.56 -16.30 | 27.87 0.99 -12.70 | 39.82 1.16 -22.53 | 39.69 1.19 -22.24 | 31.66 1.38 -12.79 | 26.66 1.53 -7.56 | 26.24 1.59 -6.33 | 25.50 1.62 -5.25 | 26.75 1.62 -6.28 | 27.61 1.87 -4.03 | 30.42 2.15 -2.32 | 31.95 2.61 -0.34 | 36.08 2.29 -8.05 | 43.68 2.41 -13.22 | 49.15 2.42 -16.89 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.71 2.28 -12.61 | 36.19 2.03 -8.72 | 32.65 1.26 -13.07 |
| BAYONEEC___CTG8 323689 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.94 0.57 -15.19 | 24.71 0.56 -16.30 | 27.87 0.99 -12.70 | 39.82 1.16 -22.53 | 39.69 1.19 -22.24 | 31.66 1.38 -12.79 | 26.66 1.53 -7.56 | 26.24 1.59 -6.33 | 25.50 1.62 -5.25 | 26.75 1.62 -6.28 | 27.61 1.87 -4.03 | 30.42 2.15 -2.32 | 31.95 2.61 -0.34 | 36.08 2.29 -8.05 | 43.68 2.41 -13.22 | 49.15 2.42 -16.89 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.71 2.28 -12.61 | 36.19 2.03 -8.72 | 32.65 1.26 -13.07 |
| BAYONEEC___CTG9 323749 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.94 0.57 -15.19 | 24.71 0.56 -16.30 | 27.87 0.99 -12.70 | 39.82 1.16 -22.53 | 39.69 1.19 -22.24 | 31.66 1.38 -12.79 | 26.66 1.53 -7.56 | 26.24 1.59 -6.33 | 25.50 1.62 -5.25 | 26.75 1.62 -6.28 | 27.61 1.87 -4.03 | 30.42 2.15 -2.32 | 31.95 2.61 -0.34 | 36.08 2.29 -8.05 | 43.68 2.41 -13.22 | 49.15 2.42 -16.89 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.71 2.28 -12.61 | 36.19 2.03 -8.72 | 32.65 1.26 -13.07 |
| BEACON___LESR 323632 | 28.49 0.75 -10.35 | 28.76 0.40 -18.94 | 27.01 0.45 -15.49 | 26.94 0.34 -18.42 | 27.96 0.34 -19.77 | 28.42 0.61 -13.63 | 28.12 0.71 -11.29 | 40.05 0.68 -23.11 | 31.32 0.77 -13.06 | 27.52 0.74 -9.20 | 26.75 0.73 -7.70 | 25.77 0.75 -6.39 | 27.27 0.77 -7.65 | 27.49 0.89 -4.88 | 29.63 0.88 -2.80 | 30.61 1.22 -0.38 | 36.65 1.11 -9.80 | 45.34 1.21 -16.08 | 51.72 1.31 -20.56 | 62.74 1.38 -29.31 | 59.58 1.45 -25.23 | 45.43 1.24 -15.37 | 37.14 1.09 -10.62 | 34.90 0.68 -15.91 |
| BEAVER RIVER___HYD 24048 | 17.46 -0.35 -0.41 | 9.89 -0.21 -0.68 | 11.38 -0.24 -0.55 | 8.65 -0.18 -0.66 | 8.40 -0.16 -0.71 | 14.51 -0.21 -0.55 | 16.82 -0.24 -0.94 | 16.97 -0.24 -0.96 | 17.60 -0.45 -0.57 | 17.27 -0.65 -0.34 | 17.90 -0.70 -0.28 | 18.12 -0.75 -0.24 | 18.35 -0.77 -0.28 | 21.05 -0.85 -0.18 | 27.12 -0.83 -2.01 | 30.23 -0.87 -2.10 | 27.38 -0.62 -2.26 | 28.09 -0.56 -0.59 | 31.96 -0.36 -2.46 | 35.21 -0.19 -3.35 | 35.86 -0.30 -3.25 | 31.07 -0.40 -2.65 | 27.16 -0.54 -2.27 | 19.97 -0.40 -2.06 |
| BEEBEE_GT_13 23619 | 17.92 -0.78 -1.30 | 11.17 -0.38 -2.13 | 12.36 -0.44 -1.74 | 9.94 -0.30 -2.07 | 9.81 -0.26 -2.22 | 15.36 -0.54 -1.72 | 18.39 -0.69 -2.96 | 18.41 -0.85 -3.00 | 18.24 -0.98 -1.73 | 17.88 -0.74 -1.03 | 18.34 -0.84 -0.87 | 18.53 -0.82 -0.72 | 18.87 -0.83 -0.86 | 21.20 -1.06 -0.55 | 24.71 -1.56 -0.31 | 27.45 -1.60 -0.04 | 25.35 -1.49 -1.10 | 28.46 -1.40 -1.81 | 30.67 -1.49 -2.31 | 33.20 -1.86 -3.01 | 34.24 -1.58 -2.92 | 29.45 -1.15 -1.78 | 25.50 -1.12 -1.19 | 19.52 -0.59 -1.79 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 28.50 1.46 -9.64 | 25.86 0.81 -15.63 | 24.79 0.94 -12.78 | 24.07 0.69 -15.20 | 24.83 0.67 -16.31 | 28.10 1.21 -12.71 | 40.01 1.35 -22.53 | 39.90 1.40 -22.25 | 31.96 1.63 -12.85 | 26.97 1.79 -7.60 | 26.54 1.87 -6.36 | 25.82 1.90 -5.28 | 27.07 1.90 -6.32 | 27.96 2.19 -4.05 | 30.83 2.54 -2.34 | 32.39 3.05 -0.34 | 36.48 2.63 -8.11 | 44.23 2.89 -13.29 | 49.68 2.87 -16.97 | 59.24 3.14 -24.05 | 56.80 3.19 -20.70 | 44.03 2.59 -12.61 | 36.59 2.39 -8.77 | 33.01 1.56 -13.14 |
| BETHLEHEM___GRP 23843 | 29.03 0.54 -11.09 | 28.66 0.27 -18.96 | 26.90 0.32 -15.51 | 26.86 0.25 -18.44 | 27.88 0.24 -19.79 | 29.23 0.43 -14.62 | 36.72 0.47 -20.13 | 41.98 0.46 -25.27 | 32.51 0.54 -14.49 | 27.35 0.54 -9.23 | 26.59 0.55 -7.73 | 25.58 0.54 -6.41 | 27.08 0.57 -7.67 | 27.24 0.63 -4.90 | 29.35 0.60 -2.81 | 30.23 0.84 -0.38 | 36.32 0.75 -9.83 | 44.93 0.76 -16.12 | 51.27 0.81 -20.62 | 62.22 0.83 -29.34 | 59.05 0.89 -25.26 | 44.99 0.78 -15.38 | 36.79 0.71 -10.65 | 34.69 0.42 -15.96 |
| BETHLEHEM___GS1 323560 | 29.03 0.54 -11.09 | 28.66 0.27 -18.96 | 26.90 0.32 -15.51 | 26.86 0.24 -18.44 | 27.88 0.24 -19.79 | 29.23 0.43 -14.62 | 36.72 0.47 -20.13 | 41.98 0.45 -25.27 | 32.49 0.54 -14.46 | 27.34 0.55 -9.21 | 26.58 0.55 -7.71 | 25.57 0.54 -6.40 | 27.07 0.56 -7.66 | 27.24 0.63 -4.89 | 29.35 0.60 -2.80 | 30.23 0.84 -0.38 | 36.30 0.75 -9.82 | 44.91 0.76 -16.10 | 51.24 0.81 -20.58 | 62.22 0.83 -29.34 | 59.05 0.89 -25.26 | 44.99 0.78 -15.38 | 36.77 0.71 -10.64 | 34.67 0.42 -15.93 |
| BETHLEHEM___GS2 323561 | 29.03 0.54 -11.09 | 28.66 0.27 -18.96 | 26.90 0.32 -15.51 | 26.86 0.24 -18.44 | 27.88 0.24 -19.79 | 29.23 0.43 -14.62 | 36.72 0.47 -20.13 | 41.98 0.45 -25.27 | 32.49 0.54 -14.46 | 27.34 0.55 -9.21 | 26.58 0.55 -7.71 | 25.57 0.54 -6.40 | 27.07 0.56 -7.66 | 27.24 0.63 -4.89 | 29.35 0.60 -2.80 | 30.23 0.84 -0.38 | 36.30 0.75 -9.82 | 44.91 0.76 -16.10 | 51.24 0.81 -20.58 | 62.22 0.83 -29.34 | 59.05 0.89 -25.26 | 44.99 0.78 -15.38 | 36.77 0.71 -10.64 | 34.67 0.42 -15.93 |
| BETHLEHEM___GS3 323562 | 29.03 0.54 -11.09 | 28.66 0.27 -18.96 | 26.90 0.32 -15.51 | 26.86 0.24 -18.44 | 27.88 0.24 -19.79 | 29.23 0.43 -14.62 | 36.72 0.47 -20.13 | 41.98 0.45 -25.27 | 32.49 0.54 -14.46 | 27.34 0.55 -9.21 | 26.58 0.55 -7.71 | 25.57 0.54 -6.40 | 27.07 0.56 -7.66 | 27.24 0.63 -4.89 | 29.35 0.60 -2.80 | 30.23 0.84 -0.38 | 36.30 0.75 -9.82 | 44.91 0.76 -16.10 | 51.24 0.81 -20.58 | 62.22 0.83 -29.34 | 59.05 0.89 -25.26 | 44.99 0.78 -15.38 | 36.77 0.71 -10.64 | 34.67 0.42 -15.93 |
| BETHLEHEM___STEEL 23779 | 17.55 -1.53 -1.68 | 11.43 -0.74 -2.75 | 12.43 -0.89 -2.25 | 10.23 -0.62 -2.68 | 10.15 -0.57 -2.87 | 15.24 -1.16 -2.22 | 18.56 -1.39 -3.82 | 18.56 -1.58 -3.88 | 17.91 -1.82 -2.24 | 17.44 -1.48 -1.34 | 17.79 -1.65 -1.12 | 17.87 -1.70 -0.93 | 18.28 -1.68 -1.11 | 20.30 -2.13 -0.71 | 23.55 -2.80 -0.41 | 25.99 -3.07 -0.06 | 24.28 -2.88 -1.43 | 27.59 -2.81 -2.34 | 29.77 -3.07 -2.99 | 32.21 -3.69 -3.85 | 33.19 -3.49 -3.77 | 28.47 -2.65 -2.30 | 24.56 -2.42 -1.55 | 19.29 -1.34 -2.31 |
| BETHLHEM_115KV_TB1 79974 | 29.04 0.52 -11.12 | 28.65 0.27 -18.96 | 26.89 0.32 -15.51 | 26.86 0.25 -18.44 | 27.88 0.24 -19.79 | 29.27 0.43 -14.66 | 37.09 0.47 -20.50 | 42.06 0.46 -25.35 | 32.57 0.54 -14.54 | 27.35 0.54 -9.22 | 26.59 0.55 -7.72 | 25.60 0.56 -6.41 | 27.08 0.57 -7.67 | 27.26 0.65 -4.90 | 29.38 0.62 -2.81 | 30.29 0.90 -0.38 | 36.34 0.77 -9.83 | 44.99 0.81 -16.12 | 51.33 0.87 -20.61 | 62.28 0.90 -29.33 | 59.11 0.95 -25.25 | 45.04 0.84 -15.38 | 36.84 0.76 -10.65 | 34.73 0.46 -15.95 |
| BETHPAGE_CC_5 323564 | 28.44 1.41 -9.64 | 25.79 0.74 -15.62 | 24.74 0.90 -12.78 | 24.04 0.67 -15.19 | 24.80 0.64 -16.31 | 28.12 1.23 -12.70 | 39.97 1.31 -22.54 | 39.97 1.46 -22.25 | 31.80 1.52 -12.80 | 26.63 1.49 -7.56 | 26.37 1.72 -6.33 | 25.60 1.71 -5.25 | 26.62 1.49 -6.29 | 27.61 1.87 -4.02 | 30.49 2.23 -2.31 | 32.53 2.81 -0.72 | 36.09 2.27 -8.09 | 43.54 2.27 -13.22 | 49.22 2.48 -16.89 | 62.35 2.69 -27.61 | 66.49 2.76 -30.82 | 50.64 2.36 -19.45 | 36.37 2.21 -8.73 | 32.65 1.26 -13.07 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 17.53 -1.57 -1.70 | 11.44 -0.76 -2.78 | 12.43 -0.91 -2.27 | 10.24 -0.64 -2.70 | 10.16 -0.60 -2.90 | 15.22 -1.21 -2.24 | 18.57 -1.42 -3.86 | 18.57 -1.61 -3.92 | 17.90 -1.85 -2.27 | 17.42 -1.51 -1.35 | 17.76 -1.69 -1.13 | 17.84 -1.73 -0.94 | 18.25 -1.71 -1.12 | 20.26 -2.17 -0.72 | 23.51 -2.85 -0.41 | 25.93 -3.13 -0.06 | 24.27 -2.91 -1.44 | 27.56 -2.86 -2.37 | 29.74 -3.13 -3.02 | 32.22 -3.72 -3.89 | 33.16 -3.55 -3.81 | 28.41 -2.74 -2.32 | 24.50 -2.49 -1.56 | 19.26 -1.39 -2.34 |

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|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BINGHAMTON___COGEN 23790 | 20.46 -0.07 -3.13 | 14.49 -0.04 -5.11 | 15.20 -0.04 -4.18 | 13.13 -0.02 -4.97 | 13.17 -0.02 -5.33 | 18.29 -0.01 -4.13 | 23.24 0.02 -7.10 | 23.44 -0.03 -7.21 | 21.57 -0.09 -4.17 | 20.00 -0.07 -2.49 | 20.31 -0.09 -2.08 | 20.27 -0.09 -1.73 | 20.82 -0.09 -2.07 | 22.93 -0.11 -1.32 | 26.57 -0.13 -0.76 | 28.93 -0.17 -0.10 | 28.21 -0.18 -2.65 | 32.23 -0.17 -4.35 | 35.26 -0.15 -5.56 | 39.82 -0.19 -7.97 | 39.79 -0.16 -7.05 | 33.06 -0.06 -4.29 | 28.20 -0.10 -2.87 | 22.60 -0.02 -4.30 |
| BIXINCNT_115KV_LOAD 355685 | 17.23 -1.95 -1.79 | 11.36 -0.98 -2.92 | 12.28 -1.17 -2.39 | 10.18 -0.83 -2.84 | 10.11 -0.79 -3.05 | 15.03 -1.50 -2.36 | 18.45 -1.73 -4.06 | 18.46 -1.92 -4.12 | 17.66 -2.20 -2.38 | 17.14 -1.86 -1.42 | 17.42 -2.09 -1.19 | 17.50 -2.12 -0.99 | 17.84 -2.19 -1.18 | 19.84 -2.63 -0.76 | 23.03 -3.35 -0.43 | 25.29 -3.77 -0.06 | 23.67 -3.58 -1.51 | 27.06 -3.48 -2.48 | 29.17 -3.85 -3.17 | 31.60 -4.52 -4.07 | 32.39 -4.51 -4.00 | 27.63 -3.63 -2.44 | 23.79 -3.28 -1.64 | 18.89 -1.89 -2.46 |
| BLACK RIVER___HYD 24047 | 17.79 -0.17 -0.56 | 10.21 -0.13 -0.92 | 11.68 -0.14 -0.75 | 8.97 -0.10 -0.89 | 8.74 -0.07 -0.96 | 14.87 -0.06 -0.74 | 17.39 -0.02 -1.28 | 17.52 -0.03 -1.30 | 17.98 -0.28 -0.77 | 17.49 -0.55 -0.46 | 18.12 -0.59 -0.39 | 18.32 -0.63 -0.32 | 18.55 -0.68 -0.38 | 21.24 -0.72 -0.24 | 26.82 -0.60 -1.46 | 29.81 -0.67 -1.47 | 27.16 -0.39 -1.81 | 28.52 -0.34 -0.80 | 32.04 -0.03 -2.22 | 35.32 0.23 -3.05 | 35.91 0.13 -2.88 | 31.01 -0.03 -2.21 | 27.01 -0.25 -1.84 | 19.95 -0.18 -1.82 |
| BLACKRVR_115KV_TB2 79977 | 17.79 -0.17 -0.56 | 10.21 -0.13 -0.92 | 11.68 -0.14 -0.75 | 8.97 -0.10 -0.89 | 8.74 -0.07 -0.96 | 14.87 -0.06 -0.74 | 17.39 -0.02 -1.28 | 17.52 -0.03 -1.30 | 17.95 -0.28 -0.75 | 17.48 -0.54 -0.45 | 18.11 -0.59 -0.37 | 18.31 -0.63 -0.31 | 18.54 -0.68 -0.37 | 21.24 -0.72 -0.24 | 26.81 -0.60 -1.46 | 29.83 -0.64 -1.47 | 27.12 -0.41 -1.80 | 28.50 -0.34 -0.78 | 32.01 -0.03 -2.19 | 35.32 0.22 -3.05 | 35.91 0.13 -2.88 | 31.01 -0.03 -2.21 | 27.00 -0.25 -1.82 | 19.93 -0.18 -1.80 |
| BLISS_WT_PWR 323608 | 17.11 -2.07 -1.79 | 11.28 -1.05 -2.92 | 12.19 -1.26 -2.39 | 10.11 -0.90 -2.84 | 10.04 -0.86 -3.05 | 14.92 -1.62 -2.36 | 18.33 -1.85 -4.06 | 18.34 -2.03 -4.12 | 17.62 -2.31 -2.45 | 17.05 -1.99 -1.46 | 17.30 -2.24 -1.22 | 17.37 -2.27 -1.01 | 17.70 -2.36 -1.21 | 19.69 -2.80 -0.78 | 22.84 -3.55 -0.45 | 25.06 -4.00 -0.06 | 23.46 -3.84 -1.56 | 26.76 -3.84 -2.55 | 28.99 -4.12 -3.26 | 31.31 -4.81 -4.07 | 32.07 -4.84 -4.00 | 27.26 -4.01 -2.44 | 23.55 -3.56 -1.69 | 18.79 -2.05 -2.52 |
| BLUESTONE___WT_PWR 323821 | 21.41 0.66 -3.35 | 15.24 0.35 -5.47 | 15.94 0.40 -4.47 | 13.81 0.31 -5.32 | 13.89 0.32 -5.71 | 19.21 0.61 -4.42 | 24.49 0.76 -7.61 | 24.69 0.71 -7.72 | 24.04 0.65 -5.90 | 21.63 0.53 -3.52 | 21.80 0.53 -2.95 | 21.62 0.54 -2.45 | 22.30 0.53 -2.93 | 24.26 0.67 -1.87 | 27.98 0.96 -1.07 | 30.31 1.16 -0.15 | 30.65 1.16 -3.75 | 35.47 1.26 -6.16 | 39.18 1.46 -7.87 | 45.00 1.60 -11.35 | 44.13 1.58 -9.65 | 36.09 1.38 -5.88 | 30.59 1.09 -4.07 | 25.18 0.77 -6.09 |
| BLUE_CIRC_CHEM_DRP 24182 | 28.88 0.57 -10.91 | 28.44 0.29 -18.73 | 26.72 0.34 -15.31 | 26.65 0.26 -18.21 | 27.65 0.25 -19.54 | 29.01 0.45 -14.38 | 36.00 0.53 -19.34 | 41.54 0.47 -24.82 | 32.19 0.49 -14.22 | 27.15 0.46 -9.11 | 26.40 0.46 -7.63 | 25.41 0.45 -6.33 | 26.89 0.47 -7.58 | 27.10 0.54 -4.84 | 29.32 0.60 -2.77 | 30.28 0.90 -0.38 | 36.24 0.80 -9.71 | 44.87 0.90 -15.92 | 51.22 1.01 -20.36 | 62.06 1.06 -28.95 | 58.97 1.15 -24.92 | 45.04 1.04 -15.18 | 36.86 0.92 -10.52 | 34.66 0.59 -15.75 |
| BOC_GAS_DRP 24189 | 29.16 0.49 -11.28 | 28.62 0.26 -18.93 | 26.86 0.31 -15.48 | 26.81 0.23 -18.41 | 27.83 0.22 -19.76 | 29.45 0.40 -14.87 | 39.14 0.45 -22.56 | 42.51 0.44 -25.82 | 32.84 0.51 -14.85 | 27.32 0.53 -9.21 | 26.58 0.55 -7.71 | 25.59 0.56 -6.40 | 27.07 0.57 -7.66 | 27.24 0.63 -4.89 | 29.48 0.73 -2.80 | 30.37 0.99 -0.38 | 36.40 0.85 -9.81 | 45.08 0.93 -16.10 | 51.39 0.96 -20.58 | 62.32 0.99 -29.28 | 59.16 1.05 -25.20 | 45.13 0.95 -15.35 | 36.90 0.84 -10.63 | 34.76 0.51 -15.93 |
| BOONVILLE_115KV_TB1 79983 | 17.88 0.12 -0.37 | 10.06 0.05 -0.60 | 11.61 0.06 -0.49 | 8.81 0.05 -0.58 | 8.54 0.06 -0.62 | 14.81 0.14 -0.48 | 17.13 0.18 -0.83 | 17.28 0.18 -0.84 | 18.06 0.09 -0.49 | 17.82 -0.05 -0.29 | 18.49 -0.07 -0.24 | 18.76 -0.07 -0.20 | 18.97 -0.11 -0.24 | 21.81 -0.07 -0.15 | 26.86 0.08 -0.83 | 29.95 0.12 -0.83 | 27.05 0.26 -1.05 | 28.87 0.31 -0.51 | 31.62 0.45 -1.32 | 34.47 0.58 -1.84 | 35.12 0.49 -1.73 | 30.51 0.37 -1.31 | 26.70 0.20 -1.07 | 19.54 0.15 -1.08 |
| BORALEX_4TH_BRANCH 23824 | 31.30 1.37 -12.53 | 29.05 0.72 -18.91 | 27.39 0.85 -15.47 | 27.20 0.64 -18.39 | 28.20 0.61 -19.74 | 31.84 1.12 -16.53 | 55.13 1.26 -37.75 | 46.98 1.27 -29.46 | 36.11 1.42 -17.21 | 28.24 1.46 -9.20 | 27.39 1.37 -7.70 | 26.40 1.38 -6.39 | 27.91 1.41 -7.65 | 28.12 1.52 -4.88 | 30.25 1.50 -2.80 | 31.36 1.97 -0.38 | 37.34 1.80 -9.80 | 46.15 2.02 -16.08 | 52.65 2.24 -20.56 | 63.69 2.37 -29.27 | 60.56 2.47 -25.19 | 46.39 2.22 -15.34 | 37.98 1.93 -10.62 | 35.42 1.19 -15.91 |
| BOWLINE___1 23526 | 27.69 0.99 -9.30 | 25.06 0.56 -15.09 | 24.05 0.64 -12.34 | 23.33 0.48 -14.67 | 24.07 0.46 -15.75 | 27.28 0.84 -12.27 | 38.80 0.95 -21.73 | 38.71 0.98 -21.48 | 31.03 1.14 -12.41 | 26.12 1.21 -7.33 | 25.74 1.28 -6.14 | 25.03 1.30 -5.09 | 26.24 1.30 -6.10 | 27.11 1.50 -3.90 | 29.90 1.71 -2.24 | 31.40 2.09 -0.31 | 35.33 1.77 -7.81 | 42.69 1.82 -12.82 | 48.09 1.85 -16.38 | 57.46 2.08 -23.33 | 55.09 2.11 -20.09 | 42.88 1.82 -12.23 | 35.52 1.63 -8.46 | 31.98 0.99 -12.68 |
| BOWLINE___2 23595 | 27.69 0.99 -9.30 | 25.06 0.56 -15.09 | 24.06 0.65 -12.34 | 23.33 0.48 -14.67 | 24.07 0.46 -15.75 | 27.28 0.84 -12.27 | 38.80 0.95 -21.73 | 38.71 0.98 -21.48 | 31.05 1.15 -12.41 | 26.14 1.23 -7.33 | 25.74 1.28 -6.14 | 25.03 1.30 -5.09 | 26.24 1.30 -6.10 | 27.11 1.50 -3.90 | 29.90 1.71 -2.24 | 31.43 2.12 -0.31 | 35.35 1.80 -7.81 | 42.75 1.88 -12.82 | 48.17 1.94 -16.38 | 57.53 2.15 -23.33 | 55.16 2.17 -20.09 | 42.93 1.87 -12.23 | 35.57 1.68 -8.47 | 32.02 1.03 -12.68 |
| BRADY___115KV_TB2 356060 | 17.15 -0.24 0.00 | 9.29 -0.13 0.00 | 10.90 -0.17 0.00 | 8.03 -0.15 0.00 | 7.70 -0.15 0.00 | 13.93 -0.26 0.00 | 15.75 -0.37 0.00 | 15.93 -0.33 0.00 | 17.03 -0.45 0.00 | 17.00 -0.58 0.00 | 17.73 -0.59 0.00 | 18.02 -0.61 0.00 | 18.20 -0.64 0.00 | 20.96 -0.76 0.00 | 27.42 -0.91 -2.38 | 30.74 -0.87 -2.60 | 27.42 -0.69 -2.37 | 27.46 -0.59 0.00 | 31.48 -0.51 -2.13 | 34.51 -0.38 -2.84 | 35.38 -0.43 -2.90 | 30.85 -0.58 -2.60 | 27.17 -0.61 -2.35 | 19.68 -0.48 -1.84 |
| BRANSCOMB___SOLAR 323811 | 31.19 1.01 -12.78 | 29.38 0.54 -19.42 | 27.58 0.63 -15.88 | 27.53 0.47 -18.89 | 28.59 0.46 -20.27 | 31.88 0.84 -16.86 | 54.80 1.00 -37.68 | 47.17 0.93 -29.99 | 35.91 0.94 -17.48 | 27.87 0.86 -9.43 | 27.08 0.86 -7.90 | 26.06 0.88 -6.55 | 27.61 0.92 -7.84 | 27.79 1.06 -5.01 | 30.01 1.19 -2.87 | 30.99 1.59 -0.39 | 37.08 1.29 -10.05 | 46.02 1.49 -16.48 | 52.69 1.76 -21.08 | 63.99 1.89 -30.05 | 60.78 2.01 -25.87 | 46.28 1.70 -15.76 | 37.79 1.47 -10.89 | 35.58 0.95 -16.31 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 28.58 1.55 -9.64 | 25.86 0.82 -15.62 | 24.84 1.00 -12.78 | 24.12 0.75 -15.19 | 24.87 0.71 -16.31 | 28.27 1.39 -12.70 | 40.11 1.45 -22.54 | 40.16 1.66 -22.25 | 32.00 1.66 -12.85 | 26.68 1.51 -7.59 | 26.47 1.80 -6.35 | 25.69 1.79 -5.27 | 26.62 1.47 -6.31 | 27.53 1.78 -4.03 | 30.39 2.13 -2.31 | 32.36 2.87 -0.48 | 36.31 2.47 -8.10 | 44.16 2.83 -13.27 | 49.92 3.10 -16.97 | 61.01 3.40 -25.56 | 61.33 3.45 -24.98 | 47.20 2.88 -15.49 | 36.81 2.62 -8.76 | 32.87 1.43 -13.13 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BRISTLHL_115KV_TB1 79998 | 18.06 -0.17 -0.84 | 10.66 -0.12 -1.37 | 12.05 -0.13 -1.12 | 9.41 -0.09 -1.33 | 9.19 -0.09 -1.43 | 15.16 -0.13 -1.10 | 17.93 -0.10 -1.90 | 18.09 -0.10 -1.93 | 18.49 -0.10 -1.11 | 18.09 -0.16 -0.66 | 18.69 -0.18 -0.56 | 18.93 -0.17 -0.46 | 19.24 -0.15 -0.55 | 21.94 -0.13 -0.35 | 26.05 -0.10 -0.20 | 28.65 -0.38 -0.03 | 26.14 -0.31 -0.71 | 28.79 -0.42 -1.16 | 30.92 -0.42 -1.49 | 33.81 -0.42 -2.18 | 34.31 -0.46 -1.87 | 29.56 -0.40 -1.14 | 25.84 -0.36 -0.77 | 19.32 -0.15 -1.15 |
| BROOKHAVEN___DRP 24191 | 28.46 1.43 -9.64 | 25.80 0.75 -15.62 | 24.81 0.96 -12.78 | 24.10 0.74 -15.19 | 24.84 0.68 -16.31 | 28.23 1.35 -12.70 | 40.08 1.42 -22.54 | 40.13 1.63 -22.25 | 31.82 1.49 -12.85 | 26.42 1.25 -7.59 | 26.21 1.54 -6.35 | 25.43 1.53 -5.27 | 26.21 1.06 -6.31 | 27.05 1.30 -4.03 | 29.82 1.56 -2.31 | 31.72 2.26 -0.45 | 35.74 1.90 -8.10 | 43.91 2.58 -13.27 | 49.77 2.96 -16.97 | 60.58 3.21 -25.32 | 60.50 3.29 -24.31 | 46.43 2.57 -15.04 | 36.55 2.36 -8.76 | 32.58 1.14 -13.13 |
| BROOKLYN_NAVY_YARD 23515 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.62 0.77 -12.77 | 23.94 0.57 -15.19 | 24.71 0.55 -16.30 | 27.87 0.99 -12.70 | 39.80 1.14 -22.53 | 39.69 1.19 -22.24 | 31.68 1.40 -12.79 | 26.70 1.56 -7.56 | 26.26 1.61 -6.33 | 25.52 1.64 -5.25 | 26.76 1.64 -6.28 | 27.64 1.89 -4.03 | 30.45 2.18 -2.32 | 31.98 2.64 -0.34 | 36.08 2.29 -8.05 | 43.71 2.44 -13.22 | 49.18 2.45 -16.89 | 58.82 2.72 -24.05 | 56.37 2.76 -20.70 | 43.71 2.28 -12.61 | 36.21 2.06 -8.72 | 32.65 1.26 -13.07 |
| BROOKLYN___ARMY_DRP 323595 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| BROOKVLE_69_KV_TB1 55790 | 28.39 1.36 -9.64 | 25.78 0.73 -15.62 | 24.71 0.86 -12.78 | 24.01 0.65 -15.19 | 24.77 0.61 -16.31 | 28.05 1.16 -12.70 | 39.92 1.26 -22.54 | 39.89 1.38 -22.25 | 31.84 1.50 -12.85 | 26.68 1.51 -7.59 | 26.39 1.70 -6.37 | 25.65 1.73 -5.28 | 26.77 1.60 -6.32 | 27.65 1.89 -4.05 | 30.50 2.23 -2.33 | 32.92 2.84 -1.07 | 36.37 2.47 -8.16 | 43.95 2.61 -13.28 | 49.48 2.66 -16.97 | 65.70 2.88 -30.76 | 75.68 2.96 -39.81 | 56.88 2.51 -25.55 | 36.49 2.29 -8.78 | 32.83 1.37 -13.14 |
| BROOME_2_LFGE 323671 | 20.46 -0.07 -3.13 | 14.49 -0.04 -5.11 | 15.20 -0.04 -4.18 | 13.13 -0.02 -4.97 | 13.17 -0.02 -5.33 | 18.28 -0.03 -4.13 | 23.24 0.02 -7.10 | 23.44 -0.03 -7.21 | 21.73 -0.07 -4.31 | 20.08 -0.07 -2.57 | 20.38 -0.09 -2.16 | 20.33 -0.09 -1.79 | 20.89 -0.09 -2.14 | 22.97 -0.11 -1.37 | 26.60 -0.13 -0.78 | 28.94 -0.17 -0.11 | 28.30 -0.18 -2.74 | 32.36 -0.20 -4.50 | 35.45 -0.15 -5.75 | 39.83 -0.19 -7.97 | 39.79 -0.16 -7.05 | 33.06 -0.06 -4.29 | 28.30 -0.10 -2.97 | 22.75 -0.02 -4.45 |
| BROOME___LFGE 323600 | 20.46 -0.07 -3.13 | 14.49 -0.04 -5.11 | 15.20 -0.04 -4.18 | 13.13 -0.02 -4.97 | 13.17 -0.02 -5.33 | 18.28 -0.03 -4.13 | 23.24 0.02 -7.10 | 23.44 -0.03 -7.21 | 21.73 -0.07 -4.31 | 20.08 -0.07 -2.57 | 20.38 -0.09 -2.16 | 20.33 -0.09 -1.79 | 20.89 -0.09 -2.14 | 22.97 -0.11 -1.37 | 26.60 -0.13 -0.78 | 28.94 -0.17 -0.11 | 28.30 -0.18 -2.74 | 32.36 -0.20 -4.50 | 35.45 -0.15 -5.75 | 39.83 -0.19 -7.97 | 39.79 -0.16 -7.05 | 33.06 -0.06 -4.29 | 28.30 -0.10 -2.97 | 22.75 -0.02 -4.45 |
| BROWNFLS_115KV_TB_3_5 80003 | 17.10 -0.59 -0.30 | 9.56 -0.34 -0.48 | 11.07 -0.40 -0.40 | 8.34 -0.31 -0.47 | 8.07 -0.29 -0.51 | 14.09 -0.48 -0.39 | 16.19 -0.61 -0.67 | 16.35 -0.59 -0.68 | 17.11 -0.77 -0.40 | 16.87 -0.95 -0.24 | 17.53 -0.99 -0.20 | 17.77 -1.02 -0.16 | 17.97 -1.07 -0.20 | 20.65 -1.19 -0.13 | 28.11 -1.32 -3.48 | 31.35 -1.39 -3.74 | 28.29 -1.11 -3.65 | 27.37 -1.09 -0.41 | 32.45 -0.99 -3.58 | 36.03 -0.87 -4.85 | 36.74 -0.99 -4.83 | 31.92 -1.04 -4.13 | 28.00 -1.07 -3.64 | 20.57 -0.79 -3.04 |
| BROWNSV1_27_KV_LOAD 356125 | 28.33 1.30 -9.63 | 25.77 0.73 -15.62 | 24.69 0.85 -12.77 | 23.99 0.62 -15.19 | 24.76 0.60 -16.30 | 27.96 1.08 -12.70 | 39.91 1.26 -22.53 | 39.80 1.30 -22.24 | 31.84 1.50 -12.85 | 26.82 1.65 -7.59 | 26.39 1.72 -6.36 | 25.68 1.77 -5.27 | 26.91 1.75 -6.31 | 27.78 2.02 -4.05 | 30.61 2.34 -2.33 | 32.18 2.84 -0.34 | 36.30 2.47 -8.09 | 44.00 2.67 -13.28 | 49.50 2.69 -16.96 | 59.05 2.95 -24.05 | 56.60 2.99 -20.70 | 43.91 2.48 -12.61 | 36.40 2.21 -8.76 | 32.84 1.39 -13.13 |
| BURROWS___LYONSDAL 23803 | 17.77 0.00 -0.38 | 10.01 -0.02 -0.61 | 11.55 -0.02 -0.50 | 8.75 -0.02 -0.60 | 8.50 0.01 -0.64 | 14.72 0.04 -0.50 | 17.04 0.06 -0.85 | 17.20 0.08 -0.87 | 17.93 -0.05 -0.50 | 17.67 -0.21 -0.30 | 18.33 -0.24 -0.25 | 18.60 -0.24 -0.21 | 18.81 -0.28 -0.25 | 21.61 -0.26 -0.16 | 26.86 -0.16 -1.06 | 29.96 -0.12 -1.08 | 27.05 0.03 -1.29 | 28.66 0.08 -0.52 | 31.63 0.24 -1.54 | 34.57 0.38 -2.14 | 35.23 0.30 -2.03 | 30.57 0.17 -1.57 | 26.76 0.03 -1.31 | 19.59 0.00 -1.27 |
| CAITHNESS_CC_1 323624 | 28.44 1.41 -9.64 | 25.79 0.74 -15.62 | 24.79 0.94 -12.78 | 24.09 0.72 -15.19 | 24.83 0.67 -16.31 | 28.20 1.32 -12.70 | 40.06 1.40 -22.54 | 40.08 1.58 -22.25 | 31.75 1.47 -12.80 | 26.47 1.34 -7.56 | 26.20 1.56 -6.32 | 25.41 1.53 -5.25 | 26.22 1.09 -6.28 | 27.16 1.43 -4.01 | 29.96 1.71 -2.30 | 31.78 2.32 -0.45 | 35.76 1.96 -8.06 | 43.76 2.50 -13.21 | 49.61 2.87 -16.89 | 60.51 3.14 -25.32 | 60.42 3.23 -24.29 | 46.39 2.54 -15.03 | 36.46 2.31 -8.72 | 32.52 1.14 -13.07 |
| CALPINE BETH_PAGE_GT4 24209 | 28.44 1.41 -9.64 | 25.79 0.74 -15.62 | 24.73 0.89 -12.78 | 24.04 0.67 -15.19 | 24.79 0.63 -16.31 | 28.12 1.23 -12.70 | 39.95 1.29 -22.54 | 39.95 1.45 -22.25 | 31.86 1.52 -12.85 | 26.63 1.46 -7.59 | 26.40 1.72 -6.36 | 25.63 1.71 -5.28 | 26.67 1.51 -6.32 | 27.54 1.78 -4.04 | 30.40 2.13 -2.32 | 32.57 2.73 -0.84 | 36.14 2.27 -8.14 | 43.63 2.30 -13.28 | 49.24 2.42 -16.97 | 63.28 2.63 -28.60 | 69.24 2.70 -33.64 | 52.50 2.31 -21.37 | 36.31 2.11 -8.77 | 32.72 1.26 -13.14 |
| CALPINE_BETH_PAGE_GT_4 323586 | 28.44 1.41 -9.64 | 25.79 0.74 -15.62 | 24.73 0.89 -12.78 | 24.04 0.67 -15.19 | 24.79 0.63 -16.31 | 28.12 1.23 -12.70 | 39.95 1.29 -22.54 | 39.95 1.45 -22.25 | 31.80 1.52 -12.80 | 26.63 1.49 -7.56 | 26.37 1.72 -6.33 | 25.60 1.71 -5.26 | 26.64 1.51 -6.29 | 27.61 1.87 -4.02 | 30.49 2.23 -2.31 | 32.62 2.78 -0.83 | 36.05 2.21 -8.10 | 43.52 2.25 -13.22 | 49.16 2.42 -16.89 | 63.31 2.66 -28.60 | 69.27 2.73 -33.64 | 52.50 2.31 -21.37 | 36.35 2.19 -8.73 | 32.66 1.26 -13.08 |
| CALPINE_BP_GT1 23823 | 28.44 1.41 -9.64 | 25.79 0.74 -15.62 | 24.73 0.89 -12.78 | 24.04 0.67 -15.19 | 24.79 0.63 -16.31 | 28.12 1.23 -12.70 | 39.95 1.29 -22.54 | 39.95 1.45 -22.25 | 31.80 1.52 -12.80 | 26.63 1.49 -7.56 | 26.37 1.72 -6.33 | 25.60 1.71 -5.26 | 26.64 1.51 -6.29 | 27.61 1.87 -4.02 | 30.49 2.23 -2.31 | 32.62 2.78 -0.83 | 36.05 2.21 -8.10 | 43.52 2.25 -13.22 | 49.16 2.42 -16.89 | 63.31 2.66 -28.60 | 69.27 2.73 -33.64 | 52.50 2.31 -21.37 | 36.35 2.19 -8.73 | 32.66 1.26 -13.08 |
| CALSPAN___DRP 24200 | 17.55 -1.53 -1.68 | 11.43 -0.74 -2.75 | 12.43 -0.89 -2.25 | 10.23 -0.62 -2.68 | 10.15 -0.57 -2.87 | 15.24 -1.16 -2.22 | 18.56 -1.39 -3.82 | 18.56 -1.58 -3.88 | 17.91 -1.82 -2.24 | 17.44 -1.48 -1.34 | 17.79 -1.65 -1.12 | 17.87 -1.70 -0.93 | 18.28 -1.68 -1.11 | 20.30 -2.13 -0.71 | 23.55 -2.80 -0.41 | 25.99 -3.07 -0.06 | 24.28 -2.88 -1.43 | 27.59 -2.81 -2.34 | 29.77 -3.07 -2.99 | 32.21 -3.69 -3.85 | 33.19 -3.49 -3.77 | 28.47 -2.65 -2.30 | 24.56 -2.42 -1.55 | 19.29 -1.34 -2.31 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CALVERTON___SOLAR 323806 | 28.47 1.44 -9.64 | 25.81 0.76 -15.62 | 24.82 0.97 -12.78 | 24.12 0.75 -15.19 | 24.86 0.70 -16.31 | 28.28 1.39 -12.70 | 40.13 1.47 -22.54 | 40.16 1.66 -22.25 | 31.76 1.49 -12.80 | 26.47 1.34 -7.56 | 26.18 1.54 -6.32 | 25.39 1.51 -5.25 | 26.14 1.02 -6.28 | 27.06 1.32 -4.01 | 29.83 1.58 -2.30 | 31.66 2.20 -0.45 | 35.68 1.88 -8.06 | 43.82 2.55 -13.21 | 49.75 3.01 -16.89 | 60.68 3.30 -25.32 | 60.60 3.39 -24.31 | 46.49 2.62 -15.04 | 36.51 2.37 -8.72 | 32.50 1.12 -13.07 |
| CANDIGU_WT_PWR 323617 | 18.53 -1.08 -2.21 | 12.46 -0.57 -3.61 | 13.36 -0.66 -2.96 | 11.22 -0.47 -3.51 | 11.19 -0.44 -3.77 | 16.28 -0.82 -2.92 | 20.23 -0.92 -5.02 | 20.27 -1.09 -5.10 | 19.22 -1.29 -3.03 | 18.17 -1.21 -1.81 | 18.49 -1.34 -1.51 | 18.49 -1.40 -1.26 | 18.97 -1.37 -1.50 | 21.01 -1.67 -0.96 | 24.40 -2.10 -0.55 | 26.73 -2.35 -0.08 | 25.48 -2.19 -1.93 | 29.00 -2.22 -3.16 | 31.65 -2.24 -4.04 | 34.52 -2.47 -4.93 | 35.59 -2.27 -4.95 | 30.03 -1.82 -3.02 | 25.86 -1.65 -2.09 | 20.56 -0.88 -3.13 |
| CARR STREET_E_SYR 24060 | 18.24 -0.10 -0.95 | 10.90 -0.08 -1.55 | 12.26 -0.08 -1.27 | 9.64 -0.05 -1.51 | 9.42 -0.05 -1.62 | 15.36 -0.07 -1.25 | 18.27 -0.02 -2.16 | 18.43 -0.02 -2.19 | 18.76 -0.03 -1.31 | 18.29 -0.07 -0.78 | 18.90 -0.07 -0.65 | 19.10 -0.07 -0.54 | 19.43 -0.06 -0.65 | 22.11 -0.02 -0.41 | 26.21 0.03 -0.24 | 28.83 -0.20 -0.03 | 26.39 -0.18 -0.83 | 29.19 -0.23 -1.36 | 31.35 -0.24 -1.74 | 34.34 -0.26 -2.55 | 34.73 -0.30 -2.13 | 29.86 -0.26 -1.30 | 26.10 -0.23 -0.90 | 19.59 -0.07 -1.35 |
| CARTHAGE___PAPER 23857 | 17.61 -0.30 -0.51 | 10.06 -0.19 -0.83 | 11.52 -0.22 -0.68 | 8.81 -0.16 -0.80 | 8.58 -0.13 -0.86 | 14.68 -0.17 -0.67 | 17.11 -0.16 -1.15 | 17.26 -0.16 -1.17 | 17.78 -0.40 -0.69 | 17.36 -0.63 -0.41 | 17.99 -0.68 -0.35 | 18.18 -0.75 -0.29 | 18.40 -0.79 -0.34 | 21.09 -0.85 -0.22 | 26.82 -0.80 -1.67 | 29.85 -0.87 -1.71 | 27.16 -0.57 -1.98 | 28.27 -0.50 -0.72 | 31.92 -0.24 -2.31 | 35.21 0.00 -3.16 | 35.79 -0.13 -3.02 | 30.95 -0.26 -2.38 | 27.00 -0.43 -2.01 | 19.90 -0.33 -1.91 |
| CASSADAGA_WT_PWR 323784 | 17.87 -1.30 -1.78 | 11.72 -0.60 -2.91 | 12.74 -0.71 -2.38 | 10.50 -0.50 -2.83 | 10.43 -0.46 -3.03 | 15.61 -0.92 -2.35 | 19.13 -1.03 -4.04 | 19.14 -1.22 -4.10 | 18.45 -1.47 -2.44 | 17.86 -1.18 -1.45 | 18.22 -1.32 -1.22 | 18.29 -1.36 -1.01 | 18.73 -1.32 -1.21 | 20.75 -1.74 -0.77 | 24.11 -2.28 -0.44 | 26.60 -2.47 -0.06 | 24.90 -2.39 -1.55 | 28.13 -2.47 -2.54 | 30.47 -2.63 -3.25 | 33.00 -3.11 -4.06 | 33.73 -3.16 -3.99 | 28.66 -2.59 -2.43 | 24.62 -2.49 -1.68 | 19.40 -1.43 -2.52 |
| CE_DUNWOOD___DRP 24194 | 28.11 1.10 -9.61 | 25.62 0.61 -15.59 | 24.54 0.72 -12.75 | 23.87 0.53 -15.16 | 24.63 0.51 -16.27 | 27.76 0.91 -12.68 | 39.64 1.03 -22.48 | 39.53 1.07 -22.20 | 31.55 1.24 -12.82 | 26.49 1.34 -7.57 | 26.07 1.41 -6.34 | 25.33 1.43 -5.26 | 26.57 1.43 -6.30 | 27.40 1.65 -4.03 | 30.13 1.87 -2.31 | 31.62 2.29 -0.32 | 35.82 2.01 -8.07 | 43.43 2.13 -13.24 | 48.96 2.18 -16.93 | 58.45 2.40 -24.00 | 56.03 2.47 -20.66 | 43.45 2.05 -12.58 | 36.00 1.83 -8.75 | 32.53 1.12 -13.10 |
| CE_MILLWOOD___DRP 24193 | 28.03 1.06 -9.58 | 25.54 0.59 -15.53 | 24.46 0.70 -12.70 | 23.79 0.51 -15.10 | 24.55 0.49 -16.21 | 27.69 0.88 -12.63 | 39.53 1.02 -22.39 | 39.41 1.04 -22.11 | 31.46 1.21 -12.77 | 26.41 1.28 -7.55 | 25.99 1.36 -6.32 | 25.25 1.38 -5.24 | 26.49 1.38 -6.27 | 27.31 1.59 -4.01 | 30.04 1.79 -2.30 | 31.56 2.23 -0.32 | 35.71 1.93 -8.04 | 43.29 2.05 -13.19 | 48.83 2.12 -16.86 | 58.26 2.31 -23.90 | 55.85 2.37 -20.58 | 43.35 1.99 -12.53 | 35.92 1.78 -8.71 | 32.45 1.08 -13.05 |
| CE_NYC2_DRP 24202 | 28.33 1.29 -9.64 | 25.77 0.73 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.76 0.60 -16.31 | 27.97 1.08 -12.71 | 39.85 1.19 -22.53 | 39.72 1.22 -22.25 | 31.79 1.45 -12.85 | 26.78 1.60 -7.60 | 26.36 1.69 -6.36 | 25.63 1.71 -5.28 | 26.88 1.71 -6.32 | 27.73 1.95 -4.06 | 30.52 2.23 -2.34 | 32.07 2.73 -0.34 | 36.20 2.37 -8.09 | 43.89 2.55 -13.28 | 49.35 2.54 -16.97 | 58.89 2.79 -24.05 | 56.40 2.80 -20.70 | 43.74 2.31 -12.61 | 36.30 2.11 -8.77 | 32.78 1.34 -13.13 |
| CE_NYC_DRP 24195 | 28.25 1.22 -9.63 | 25.73 0.69 -15.62 | 24.64 0.80 -12.77 | 23.95 0.59 -15.19 | 24.73 0.57 -16.30 | 27.90 1.02 -12.70 | 39.85 1.19 -22.53 | 39.72 1.22 -22.24 | 31.75 1.42 -12.85 | 26.73 1.56 -7.59 | 26.30 1.63 -6.36 | 25.58 1.68 -5.27 | 26.81 1.66 -6.31 | 27.68 1.91 -4.05 | 30.46 2.18 -2.33 | 32.01 2.67 -0.34 | 36.17 2.34 -8.09 | 43.83 2.50 -13.28 | 49.32 2.51 -16.96 | 58.86 2.76 -24.05 | 56.40 2.80 -20.70 | 43.74 2.31 -12.61 | 36.28 2.08 -8.76 | 32.73 1.28 -13.13 |
| CHAFFEE___LFGE 323603 | 17.62 -1.51 -1.74 | 11.52 -0.73 -2.83 | 12.52 -0.86 -2.32 | 10.32 -0.61 -2.76 | 10.25 -0.57 -2.96 | 15.32 -1.15 -2.29 | 18.71 -1.35 -3.94 | 18.73 -1.53 -4.00 | 18.11 -1.75 -2.38 | 17.54 -1.46 -1.42 | 17.89 -1.61 -1.19 | 17.96 -1.66 -0.98 | 18.38 -1.64 -1.18 | 20.36 -2.11 -0.75 | 23.63 -2.75 -0.43 | 26.08 -2.99 -0.06 | 24.42 -2.83 -1.51 | 27.64 -2.89 -2.48 | 29.97 -3.05 -3.17 | 32.42 -3.59 -3.96 | 33.40 -3.39 -3.89 | 28.51 -2.68 -2.37 | 24.65 -2.42 -1.64 | 19.45 -1.32 -2.45 |
| CHATEAUG_35_KV_LOAD 355732 | 16.82 -0.57 0.00 | 9.05 -0.37 0.00 | 10.59 -0.48 0.00 | 7.76 -0.42 0.00 | 7.43 -0.42 0.00 | 13.43 -0.75 0.00 | 15.19 -0.94 0.00 | 15.43 -0.83 0.00 | 16.54 -0.94 0.00 | 16.58 -1.00 0.00 | 17.35 -0.97 0.00 | 17.61 -1.02 0.00 | 17.77 -1.07 0.00 | 20.39 -1.32 0.00 | -9.41 -1.61 33.75 | -9.64 -1.71 36.93 | -9.38 -1.47 33.65 | 26.62 -1.43 0.00 | -1.94 -1.55 30.24 | -9.79 -1.54 40.30 | -9.85 -1.58 41.17 | -9.61 -1.59 36.84 | -9.36 -1.45 33.33 | -8.86 -1.10 26.08 |
| CHATEAUG_WT_PWR 323614 | 16.84 -0.56 0.00 | 9.06 -0.36 0.00 | 10.60 -0.46 0.00 | 7.77 -0.40 0.00 | 7.44 -0.41 0.00 | 13.44 -0.74 0.00 | 15.22 -0.90 0.00 | 15.44 -0.81 0.00 | 16.52 -0.96 0.00 | 16.61 -0.97 0.00 | 17.40 -0.92 0.00 | 17.66 -0.97 0.00 | 17.81 -1.04 0.00 | 20.43 -1.28 0.00 | -6.99 -1.56 31.38 | -6.99 -1.65 34.34 | -6.97 -1.42 31.29 | 26.65 -1.40 0.00 | 0.21 -1.52 28.12 | -6.96 -1.54 37.47 | -6.99 -1.61 38.28 | -7.02 -1.59 34.26 | -7.02 -1.45 31.00 | -7.03 -1.10 24.25 |
| CHAT_HIGH_FALL_HYD 323578 | 16.82 -0.57 0.00 | 9.05 -0.37 0.00 | 10.59 -0.48 0.00 | 7.76 -0.42 0.00 | 7.43 -0.42 0.00 | 13.43 -0.75 0.00 | 15.19 -0.94 0.00 | 15.43 -0.83 0.00 | 16.54 -0.94 0.00 | 16.58 -1.00 0.00 | 17.35 -0.97 0.00 | 17.61 -1.02 0.00 | 17.77 -1.07 0.00 | 20.39 -1.32 0.00 | -9.41 -1.61 33.75 | -9.64 -1.71 36.93 | -9.38 -1.47 33.65 | 26.62 -1.43 0.00 | -1.94 -1.55 30.24 | -9.79 -1.54 40.30 | -9.85 -1.58 41.17 | -9.61 -1.59 36.84 | -9.36 -1.45 33.33 | -8.86 -1.10 26.08 |
| CHAUTAUQUA___LFGE 323629 | 17.88 -1.27 -1.75 | 11.69 -0.59 -2.86 | 12.70 -0.71 -2.34 | 10.46 -0.50 -2.78 | 10.39 -0.45 -2.99 | 15.57 -0.92 -2.31 | 19.05 -1.05 -3.98 | 19.04 -1.25 -4.04 | 18.41 -1.47 -2.40 | 17.82 -1.20 -1.43 | 18.18 -1.34 -1.20 | 18.25 -1.38 -0.99 | 18.70 -1.34 -1.19 | 20.72 -1.76 -0.76 | 24.08 -2.31 -0.44 | 26.54 -2.52 -0.06 | 24.84 -2.42 -1.53 | 28.06 -2.50 -2.50 | 30.42 -2.63 -3.20 | 32.97 -3.08 -4.00 | 33.83 -2.99 -3.92 | 28.91 -2.31 -2.39 | 24.92 -2.16 -1.65 | 19.66 -1.14 -2.48 |
| CHERRYST_13_KV_LD 356241 | 28.28 1.25 -9.63 | 25.75 0.71 -15.62 | 24.67 0.83 -12.77 | 23.97 0.60 -15.19 | 24.75 0.59 -16.30 | 27.95 1.06 -12.70 | 39.88 1.23 -22.53 | 39.77 1.27 -22.24 | 31.80 1.47 -12.85 | 26.79 1.62 -7.59 | 26.36 1.69 -6.36 | 25.64 1.73 -5.27 | 26.89 1.73 -6.31 | 27.76 2.00 -4.05 | 30.56 2.28 -2.33 | 32.13 2.78 -0.34 | 36.25 2.42 -8.09 | 43.91 2.58 -13.28 | 49.41 2.60 -16.96 | 58.95 2.85 -24.05 | 56.50 2.90 -20.70 | 43.83 2.39 -12.61 | 36.33 2.14 -8.76 | 32.78 1.34 -13.13 |

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| CHESTROR_138KV_BK263 355645 | 27.16 0.84 -8.92 | 24.37 0.47 -14.48 | 23.47 0.55 -11.84 | 22.67 0.42 -14.08 | 23.37 0.40 -15.12 | 26.67 0.72 -11.77 | 37.74 0.81 -20.81 | 37.69 0.83 -20.61 | 30.39 0.96 -11.94 | 25.64 1.00 -7.06 | 25.29 1.06 -5.91 | 24.62 1.08 -4.90 | 25.79 1.07 -5.87 | 26.70 1.24 -3.75 | 29.50 1.40 -2.15 | 31.07 1.77 -0.30 | 34.78 1.52 -7.52 | 42.02 1.63 -12.34 | 47.30 1.67 -15.78 | 56.25 1.86 -22.34 | 54.04 1.91 -19.23 | 42.18 1.64 -11.71 | 35.03 1.45 -8.15 | 31.43 0.90 -12.21 |
| CH_MIDHUDSON___DRP 24192 | 28.17 1.01 -9.76 | 25.83 0.56 -15.85 | 24.70 0.66 -12.96 | 24.08 0.49 -15.41 | 24.86 0.46 -16.54 | 27.89 0.84 -12.87 | 39.75 0.94 -22.69 | 39.75 0.96 -22.53 | 31.61 1.10 -13.03 | 26.43 1.14 -7.71 | 25.98 1.21 -6.46 | 25.20 1.21 -5.36 | 26.46 1.21 -6.41 | 27.20 1.39 -4.09 | 29.88 1.58 -2.35 | 31.32 2.00 -0.32 | 35.73 1.78 -8.22 | 43.46 1.94 -13.47 | 49.08 2.00 -17.23 | 58.65 2.18 -24.42 | 56.19 2.27 -21.02 | 43.56 1.93 -12.80 | 36.06 1.73 -8.90 | 32.70 1.04 -13.34 |
| CH_MISC_IPPS 23765 | 28.02 1.03 -9.59 | 25.59 0.58 -15.58 | 24.50 0.69 -12.74 | 23.84 0.51 -15.16 | 24.61 0.49 -16.27 | 27.71 0.88 -12.65 | 39.39 0.98 -22.29 | 39.39 0.99 -22.15 | 31.38 1.15 -12.74 | 26.28 1.16 -7.54 | 25.86 1.23 -6.32 | 25.10 1.23 -5.24 | 26.34 1.22 -6.27 | 27.15 1.43 -4.00 | 29.88 1.64 -2.29 | 31.41 2.09 -0.31 | 35.60 1.83 -8.04 | 43.22 1.99 -13.18 | 48.82 2.12 -16.86 | 58.36 2.31 -24.00 | 55.97 2.40 -20.66 | 43.49 2.08 -12.59 | 35.97 1.83 -8.71 | 32.46 1.10 -13.04 |
| CH_RES_BVR_FALLS 23983 | 16.84 -0.56 0.00 | 9.12 -0.30 0.00 | 10.70 -0.36 0.00 | 7.89 -0.29 0.00 | 7.57 -0.28 0.00 | 13.67 -0.51 0.00 | 15.53 -0.60 0.00 | 15.69 -0.57 0.00 | 16.86 -0.63 0.00 | 16.95 -0.63 0.00 | 17.69 -0.62 0.00 | 17.98 -0.65 0.00 | 18.18 -0.66 0.00 | 20.96 -0.76 0.00 | 25.01 -0.93 0.00 | 28.02 -0.99 0.00 | 24.89 -0.85 0.00 | 27.18 -0.87 0.00 | 28.92 -0.93 0.00 | 31.09 -0.96 0.00 | 31.88 -1.02 0.00 | 27.84 -0.98 0.00 | 24.54 -0.89 0.00 | 17.66 -0.66 0.00 |
| CH_RES_NIAGARA 23895 | 17.25 -1.72 -1.57 | 11.17 -0.82 -2.57 | 12.19 -0.97 -2.10 | 9.99 -0.68 -2.50 | 9.90 -0.64 -2.68 | 14.92 -1.33 -2.07 | 18.06 -1.63 -3.57 | 18.06 -1.82 -3.62 | 17.50 -2.08 -2.09 | 17.18 -1.65 -1.25 | 17.53 -1.83 -1.05 | 17.60 -1.90 -0.87 | 18.00 -1.88 -1.04 | 19.99 -2.39 -0.66 | 23.16 -3.17 -0.38 | 25.58 -3.17 -0.05 | 23.83 -3.24 -1.33 | 26.98 -3.25 -2.18 | 29.12 -3.52 -2.79 | 31.42 -4.23 -3.60 | 32.44 -3.98 -3.52 | 27.88 -3.08 -2.14 | 24.15 -2.72 -1.44 | 18.88 -1.59 -2.16 |
| CH_RES_SYRACUSE 23985 | 18.38 -0.07 -1.05 | 11.08 -0.06 -1.72 | 12.42 -0.06 -1.41 | 9.82 -0.03 -1.67 | 9.62 -0.03 -1.80 | 15.54 -0.03 -1.39 | 18.53 0.02 -2.39 | 18.67 -0.02 -2.43 | 18.90 -0.02 -1.43 | 18.37 -0.07 -0.86 | 18.94 -0.09 -0.72 | 19.16 -0.07 -0.59 | 19.50 -0.06 -0.71 | 22.15 -0.02 -0.45 | 26.23 0.03 -0.26 | 28.84 -0.20 -0.04 | 26.47 -0.18 -0.91 | 29.38 -0.17 -1.50 | 31.61 -0.15 -1.91 | 34.64 -0.16 -2.75 | 35.07 -0.20 -2.36 | 30.09 -0.17 -1.44 | 26.26 -0.15 -0.99 | 19.76 -0.04 -1.48 |
| CLINTON_WT_PWR 323605 | 16.84 -0.56 0.00 | 9.06 -0.36 0.00 | 10.60 -0.46 0.00 | 7.77 -0.40 0.00 | 7.44 -0.41 0.00 | 13.44 -0.74 0.00 | 15.22 -0.90 0.00 | 15.44 -0.81 0.00 | 16.52 -0.96 0.00 | 16.61 -0.97 0.00 | 17.40 -0.92 0.00 | 17.66 -0.97 0.00 | 17.81 -1.04 0.00 | 20.43 -1.28 0.00 | -6.99 -1.56 31.38 | -6.99 -1.65 34.34 | -6.97 -1.42 31.29 | 26.65 -1.40 0.00 | 0.21 -1.52 28.12 | -6.96 -1.54 37.47 | -6.99 -1.61 38.28 | -7.02 -1.59 34.26 | -7.02 -1.45 31.00 | -7.03 -1.10 24.25 |
| CLINTON___LFGE 323618 | 17.00 -0.40 0.00 | 9.15 -0.27 0.00 | 10.69 -0.38 0.00 | 7.83 -0.34 0.00 | 7.50 -0.35 0.00 | 13.57 -0.61 0.00 | 15.37 -0.76 0.00 | 15.62 -0.63 0.00 | 16.68 -0.80 0.00 | 16.75 -0.83 0.00 | 17.53 -0.79 0.00 | 17.80 -0.84 0.00 | 17.96 -0.89 0.00 | 20.61 -1.11 0.00 | -7.36 -1.30 32.01 | -7.39 -1.36 35.03 | -7.31 -1.13 31.91 | 26.93 -1.12 0.00 | 0.01 -1.16 28.68 | -7.22 -1.06 38.22 | -7.23 -1.08 39.04 | -7.30 -1.18 34.94 | -7.33 -1.14 31.61 | -7.29 -0.88 24.73 |
| COBBLENY_34_KV_TB1 80064 | 17.62 -1.51 -1.74 | 11.52 -0.73 -2.83 | 12.51 -0.87 -2.32 | 10.32 -0.61 -2.76 | 10.25 -0.57 -2.96 | 15.31 -1.16 -2.29 | 18.71 -1.35 -3.94 | 18.71 -1.54 -4.00 | 17.99 -1.80 -2.31 | 17.50 -1.46 -1.38 | 17.86 -1.61 -1.15 | 17.93 -1.66 -0.96 | 18.35 -1.64 -1.15 | 20.34 -2.11 -0.73 | 23.62 -2.75 -0.42 | 26.08 -2.99 -0.06 | 24.40 -2.81 -1.47 | 27.74 -2.72 -2.41 | 29.95 -2.99 -3.08 | 32.45 -3.56 -3.96 | 33.40 -3.39 -3.89 | 28.60 -2.59 -2.37 | 24.63 -2.39 -1.59 | 19.38 -1.32 -2.38 |
| COFFEEN___115KV_TB3 355620 | 17.87 -0.10 -0.57 | 10.27 -0.08 -0.94 | 11.73 -0.10 -0.77 | 9.02 -0.07 -0.91 | 8.79 -0.04 -0.98 | 14.95 0.01 -0.76 | 17.49 0.06 -1.30 | 17.63 0.05 -1.32 | 18.02 -0.23 -0.76 | 17.53 -0.51 -0.46 | 18.15 -0.55 -0.38 | 18.34 -0.61 -0.32 | 18.56 -0.66 -0.38 | 21.28 -0.67 -0.24 | 26.83 -0.54 -1.42 | 29.85 -0.58 -1.42 | 27.20 -0.31 -1.77 | 28.63 -0.22 -0.80 | 32.14 0.12 -2.17 | 35.52 0.45 -3.02 | 36.08 0.33 -2.85 | 31.15 0.14 -2.18 | 27.09 -0.13 -1.79 | 20.01 -0.09 -1.78 |
| COLDSPRG_115KV_BK1 355956 | 17.99 -1.24 -1.83 | 11.83 -0.57 -2.98 | 12.83 -0.68 -2.44 | 10.60 -0.47 -2.90 | 10.53 -0.43 -3.11 | 15.71 -0.88 -2.41 | 19.32 -0.95 -4.14 | 19.31 -1.15 -4.21 | 18.48 -1.43 -2.43 | 17.90 -1.13 -1.45 | 18.27 -1.26 -1.21 | 18.34 -1.30 -1.01 | 18.79 -1.26 -1.21 | 20.84 -1.65 -0.77 | 24.21 -2.18 -0.44 | 26.69 -2.38 -0.06 | 25.02 -2.27 -1.55 | 28.37 -2.22 -2.54 | 30.61 -2.48 -3.24 | 33.28 -2.92 -4.15 | 34.09 -2.90 -4.09 | 29.10 -2.22 -2.49 | 24.97 -2.14 -1.67 | 19.69 -1.14 -2.51 |
| COLONIE_LFGE___ 323577 | 31.16 0.97 -12.79 | 29.16 0.52 -19.23 | 27.40 0.61 -15.72 | 27.33 0.46 -18.70 | 28.36 0.44 -20.07 | 31.85 0.79 -16.88 | 56.02 0.92 -38.98 | 47.24 0.89 -30.09 | 36.05 1.00 -17.57 | 27.90 0.98 -9.34 | 27.09 0.95 -7.82 | 26.09 0.97 -6.49 | 27.61 1.00 -7.77 | 27.78 1.11 -4.96 | 29.96 1.17 -2.84 | 30.93 1.54 -0.39 | 37.05 1.36 -9.95 | 45.92 1.54 -16.32 | 52.42 1.70 -20.87 | 63.60 1.79 -29.75 | 60.42 1.91 -25.61 | 46.07 1.64 -15.60 | 37.66 1.45 -10.78 | 35.37 0.90 -16.15 |
| COOPERNY_115KV_TB1 80082 | 25.24 0.61 -7.23 | 21.57 0.34 -11.81 | 21.12 0.40 -9.66 | 19.96 0.30 -11.48 | 20.47 0.29 -12.33 | 24.24 0.52 -9.53 | 33.12 0.58 -16.41 | 33.51 0.59 -16.67 | 27.88 0.75 -9.64 | 24.12 0.79 -5.75 | 23.98 0.84 -4.82 | 23.49 0.86 -4.00 | 24.47 0.85 -4.78 | 25.77 1.00 -3.05 | 28.84 1.14 -1.75 | 30.66 1.42 -0.24 | 33.10 1.24 -6.13 | 39.43 1.32 -10.05 | 44.05 1.34 -12.86 | 51.12 1.47 -17.59 | 49.56 1.51 -15.14 | 39.37 1.33 -9.22 | 33.24 1.17 -6.64 | 28.98 0.71 -9.95 |
| COPENHAGEN_WT_PWR 323753 | 17.80 -0.19 -0.59 | 10.25 -0.13 -0.97 | 11.71 -0.14 -0.79 | 9.01 -0.11 -0.94 | 8.78 -0.08 -1.01 | 14.89 -0.07 -0.78 | 17.43 -0.03 -1.34 | 17.59 -0.03 -1.36 | 18.01 -0.28 -0.81 | 17.55 -0.51 -0.48 | 18.17 -0.55 -0.40 | 18.37 -0.60 -0.34 | 18.60 -0.64 -0.40 | 21.30 -0.67 -0.26 | 26.76 -0.55 -1.36 | 29.71 -0.64 -1.35 | 27.05 -0.41 -1.73 | 28.56 -0.34 -0.84 | 31.93 -0.09 -2.17 | 35.20 0.16 -2.99 | 35.77 0.07 -2.80 | 30.87 -0.09 -2.13 | 26.90 -0.28 -1.76 | 19.91 -0.18 -1.77 |
| CORNELL_____ 23752 | 19.81 0.21 -2.21 | 13.11 0.08 -3.60 | 14.13 0.11 -2.95 | 11.78 0.10 -3.50 | 11.71 0.09 -3.76 | 17.29 0.20 -2.91 | 21.44 0.31 -5.01 | 21.62 0.28 -5.08 | 20.63 0.21 -2.94 | 19.44 0.11 -1.75 | 19.84 0.05 -1.47 | 19.91 0.06 -1.22 | 20.38 0.08 -1.46 | 22.76 0.11 -0.93 | 26.66 0.18 -0.53 | 29.22 0.15 -0.07 | 27.81 0.21 -1.87 | 31.40 0.28 -3.06 | 34.22 0.45 -3.92 | 40.28 0.54 -7.68 | 38.50 0.56 -5.04 | 32.38 0.49 -3.07 | 27.81 0.36 -2.02 | 21.62 0.27 -3.03 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| CORONA__69_KV_TB1 355595 | 28.44 1.41 -9.64 | 25.79 0.74 -15.62 | 24.73 0.89 -12.78 | 24.04 0.67 -15.19 | 24.79 0.63 -16.31 | 28.09 1.21 -12.70 | 39.92 1.26 -22.54 | 39.92 1.41 -22.25 | 31.86 1.52 -12.85 | 26.65 1.48 -7.59 | 26.45 1.72 -6.41 | 25.69 1.73 -5.33 | 26.77 1.56 -6.37 | 27.67 1.87 -4.08 | 30.54 2.23 -2.36 | 34.34 2.93 -2.41 | 36.54 2.50 -8.31 | 43.99 2.61 -13.33 | 49.53 2.72 -16.97 | 79.09 2.92 -44.12 | 113.83 3.03 -77.91 | 82.80 2.59 -51.38 | 36.58 2.34 -8.82 | 32.91 1.41 -13.18 |
| CORTLAND__115KV_TB3 80093 | 19.31 0.12 -1.79 | 12.39 0.05 -2.93 | 13.53 0.07 -2.39 | 11.08 0.06 -2.85 | 10.96 0.05 -3.05 | 16.67 0.13 -2.36 | 20.40 0.21 -4.07 | 20.56 0.18 -4.13 | 20.02 0.14 -2.39 | 19.08 0.07 -1.43 | 19.55 0.04 -1.20 | 19.66 0.04 -0.99 | 20.09 0.06 -1.19 | 22.56 0.09 -0.76 | 26.54 0.16 -0.43 | 29.15 0.09 -0.06 | 27.36 0.10 -1.52 | 30.72 0.17 -2.50 | 33.31 0.27 -3.19 | 37.57 0.32 -5.20 | 37.23 0.30 -4.03 | 31.57 0.29 -2.46 | 27.28 0.20 -1.65 | 20.97 0.18 -2.47 |
| COXSACKIE__GT 23611 | 28.81 0.94 -10.47 | 27.95 0.40 -18.14 | 26.37 0.46 -14.83 | 26.17 0.36 -17.64 | 27.13 0.35 -18.93 | 28.70 0.72 -13.80 | 34.70 0.98 -17.59 | 40.93 0.91 -23.76 | 31.96 0.93 -13.55 | 26.82 0.44 -8.80 | 26.08 0.40 -7.37 | 25.12 0.37 -6.11 | 26.55 0.40 -7.31 | 26.86 0.48 -4.67 | 29.09 0.47 -2.68 | 30.38 1.01 -0.37 | 35.91 0.80 -9.37 | 44.49 1.07 -15.37 | 50.88 1.37 -19.66 | 61.63 1.57 -28.01 | 58.73 1.71 -24.11 | 45.01 1.50 -14.69 | 36.85 1.27 -10.16 | 34.30 0.77 -15.21 |
| CPV_VALLEY__CC1 323721 | 26.44 0.71 -8.34 | 23.35 0.40 -13.53 | 22.61 0.48 -11.06 | 21.68 0.35 -13.16 | 22.31 0.34 -14.12 | 25.78 0.61 -10.99 | 36.22 0.68 -19.41 | 36.20 0.70 -19.24 | 29.39 0.84 -11.06 | 25.02 0.90 -6.54 | 24.73 0.93 -5.48 | 24.13 0.95 -4.55 | 25.23 0.94 -5.44 | 26.30 1.11 -3.47 | 29.18 1.25 -1.99 | 30.81 1.54 -0.27 | 34.05 1.34 -6.97 | 40.89 1.40 -11.44 | 45.94 1.46 -14.63 | 54.48 1.60 -20.83 | 52.44 1.61 -17.93 | 41.16 1.41 -10.92 | 34.23 1.25 -7.56 | 30.39 0.75 -11.32 |
| CPV_VALLEY__CC2 323722 | 26.44 0.71 -8.34 | 23.35 0.40 -13.53 | 22.61 0.48 -11.06 | 21.68 0.35 -13.16 | 22.31 0.34 -14.12 | 25.78 0.61 -10.99 | 36.22 0.68 -19.41 | 36.20 0.70 -19.24 | 29.39 0.84 -11.06 | 25.02 0.90 -6.54 | 24.73 0.93 -5.48 | 24.13 0.95 -4.55 | 25.23 0.94 -5.44 | 26.30 1.11 -3.47 | 29.18 1.25 -1.99 | 30.81 1.54 -0.27 | 34.05 1.34 -6.97 | 40.89 1.40 -11.44 | 45.94 1.46 -14.63 | 54.48 1.60 -20.83 | 52.44 1.61 -17.93 | 41.16 1.41 -10.92 | 34.23 1.25 -7.56 | 30.39 0.75 -11.32 |
| CRESCENT__HYD 24018 | 31.16 0.97 -12.79 | 29.16 0.52 -19.23 | 27.40 0.61 -15.72 | 27.33 0.46 -18.70 | 28.36 0.44 -20.07 | 31.85 0.79 -16.88 | 56.02 0.92 -38.98 | 47.24 0.89 -30.09 | 36.05 1.00 -17.57 | 27.90 0.98 -9.34 | 27.09 0.95 -7.82 | 26.09 0.97 -6.49 | 27.61 1.00 -7.77 | 27.78 1.11 -4.96 | 29.96 1.17 -2.84 | 30.93 1.54 -0.39 | 37.05 1.36 -9.95 | 45.92 1.54 -16.32 | 52.42 1.70 -20.87 | 63.60 1.79 -29.75 | 60.42 1.91 -25.61 | 46.07 1.64 -15.60 | 37.66 1.45 -10.78 | 35.37 0.90 -16.15 |
| CRICKET__VALLEY_CC1 323756 | 28.57 1.01 -10.17 | 26.35 0.54 -16.39 | 25.12 0.64 -13.41 | 24.59 0.47 -15.94 | 25.42 0.46 -17.11 | 28.38 0.79 -13.41 | 41.34 0.87 -24.35 | 40.66 0.89 -23.51 | 32.09 1.05 -13.56 | 26.63 1.11 -7.94 | 26.12 1.15 -6.65 | 25.33 1.17 -5.52 | 26.62 1.17 -6.60 | 27.23 1.30 -4.22 | 29.74 1.37 -2.42 | 31.13 1.80 -0.33 | 35.80 1.60 -8.46 | 43.64 1.71 -13.88 | 49.39 1.79 -17.75 | 59.26 1.92 -25.28 | 56.64 1.97 -21.76 | 43.81 1.73 -13.26 | 36.12 1.53 -9.17 | 32.95 0.90 -13.74 |
| CRICKET__VALLEY_CC2 323757 | 28.57 1.01 -10.17 | 26.35 0.54 -16.39 | 25.12 0.64 -13.41 | 24.59 0.47 -15.94 | 25.42 0.46 -17.11 | 28.38 0.79 -13.41 | 41.34 0.87 -24.35 | 40.66 0.89 -23.51 | 32.09 1.05 -13.56 | 26.63 1.11 -7.94 | 26.12 1.15 -6.65 | 25.33 1.17 -5.52 | 26.62 1.17 -6.60 | 27.23 1.30 -4.22 | 29.74 1.37 -2.42 | 31.13 1.80 -0.33 | 35.80 1.60 -8.46 | 43.64 1.71 -13.88 | 49.39 1.79 -17.75 | 59.26 1.92 -25.28 | 56.64 1.97 -21.76 | 43.81 1.73 -13.26 | 36.12 1.53 -9.17 | 32.95 0.90 -13.74 |
| CRICKET__VALLEY_CC3 323758 | 28.57 1.01 -10.17 | 26.35 0.54 -16.39 | 25.12 0.64 -13.41 | 24.59 0.47 -15.94 | 25.42 0.46 -17.11 | 28.38 0.79 -13.41 | 41.34 0.87 -24.35 | 40.66 0.89 -23.51 | 32.09 1.05 -13.56 | 26.63 1.11 -7.94 | 26.12 1.15 -6.65 | 25.33 1.17 -5.52 | 26.62 1.17 -6.60 | 27.23 1.30 -4.22 | 29.74 1.37 -2.42 | 31.13 1.80 -0.33 | 35.80 1.60 -8.46 | 43.64 1.71 -13.88 | 49.39 1.79 -17.75 | 59.26 1.92 -25.28 | 56.64 1.97 -21.76 | 43.81 1.73 -13.26 | 36.12 1.53 -9.17 | 32.95 0.90 -13.74 |
| CRUCIBLE__METL_DRP 24180 | 18.38 -0.07 -1.05 | 11.08 -0.06 -1.72 | 12.42 -0.06 -1.41 | 9.82 -0.03 -1.67 | 9.62 -0.03 -1.80 | 15.54 -0.03 -1.39 | 18.53 0.02 -2.39 | 18.67 -0.02 -2.43 | 18.86 -0.02 -1.39 | 18.34 -0.07 -0.83 | 18.92 -0.09 -0.70 | 19.14 -0.07 -0.58 | 19.48 -0.06 -0.69 | 22.14 -0.02 -0.44 | 26.23 0.03 -0.25 | 28.84 -0.20 -0.03 | 26.45 -0.18 -0.89 | 29.34 -0.17 -1.45 | 31.56 -0.15 -1.86 | 34.64 -0.16 -2.75 | 35.07 -0.20 -2.36 | 30.09 -0.17 -1.44 | 26.23 -0.15 -0.96 | 19.72 -0.04 -1.44 |
| DAHOWA__HYDRO 323763 | 31.22 1.04 -12.78 | 29.43 0.56 -19.45 | 27.62 0.64 -15.91 | 27.58 0.49 -18.92 | 28.64 0.48 -20.31 | 31.91 0.87 -16.86 | 54.65 1.05 -37.48 | 47.21 0.98 -29.98 | 35.93 0.98 -17.47 | 27.92 0.90 -9.45 | 27.14 0.92 -7.91 | 26.11 0.91 -6.56 | 27.66 0.96 -7.86 | 27.86 1.13 -5.02 | 30.09 1.27 -2.88 | 31.08 1.68 -0.39 | 37.12 1.31 -10.07 | 46.08 1.51 -16.51 | 52.76 1.79 -21.12 | 64.11 1.96 -30.10 | 60.89 2.07 -25.92 | 46.34 1.73 -15.78 | 37.81 1.47 -10.91 | 35.61 0.95 -16.34 |
| DANC__LFGE 323619 | 17.88 -0.21 -0.69 | 10.41 -0.14 -1.13 | 11.84 -0.15 -0.92 | 9.16 -0.11 -1.10 | 8.94 -0.09 -1.18 | 14.98 -0.11 -0.91 | 17.61 -0.08 -1.57 | 17.75 -0.10 -1.59 | 18.18 -0.24 -0.95 | 17.72 -0.42 -0.56 | 18.35 -0.44 -0.47 | 18.54 -0.48 -0.39 | 18.82 -0.49 -0.47 | 21.49 -0.52 -0.30 | 26.50 -0.44 -1.00 | 29.32 -0.61 -0.93 | 26.75 -0.41 -1.43 | 28.62 -0.42 -0.99 | 31.58 -0.27 -2.00 | 34.70 -0.13 -2.78 | 35.26 -0.20 -2.55 | 30.41 -0.26 -1.84 | 26.56 -0.33 -1.47 | 19.73 -0.20 -1.61 |
| DANSKAMMER__1 23586 | 28.02 1.03 -9.59 | 25.59 0.58 -15.58 | 24.50 0.69 -12.74 | 23.84 0.51 -15.16 | 24.61 0.49 -16.27 | 27.71 0.88 -12.65 | 39.39 0.98 -22.29 | 39.39 0.99 -22.15 | 31.38 1.15 -12.74 | 26.28 1.16 -7.54 | 25.86 1.23 -6.32 | 25.10 1.23 -5.24 | 26.34 1.22 -6.27 | 27.15 1.43 -4.00 | 29.88 1.64 -2.29 | 31.41 2.09 -0.31 | 35.60 1.83 -8.04 | 43.22 1.99 -13.18 | 48.82 2.12 -16.86 | 58.36 2.31 -24.00 | 55.97 2.40 -20.66 | 43.49 2.08 -12.59 | 35.97 1.83 -8.71 | 32.46 1.10 -13.04 |
| DANSKAMMER__2 23589 | 28.02 1.03 -9.59 | 25.59 0.58 -15.58 | 24.50 0.69 -12.74 | 23.84 0.51 -15.16 | 24.61 0.49 -16.27 | 27.71 0.88 -12.65 | 39.39 0.98 -22.29 | 39.39 0.99 -22.15 | 31.38 1.15 -12.74 | 26.28 1.16 -7.54 | 25.86 1.23 -6.32 | 25.10 1.23 -5.24 | 26.34 1.22 -6.27 | 27.15 1.43 -4.00 | 29.88 1.64 -2.29 | 31.41 2.09 -0.31 | 35.60 1.83 -8.04 | 43.22 1.99 -13.18 | 48.82 2.12 -16.86 | 58.36 2.31 -24.00 | 55.97 2.40 -20.66 | 43.49 2.08 -12.59 | 35.97 1.83 -8.71 | 32.46 1.10 -13.04 |
| DANSKAMMER__3 23590 | 28.02 1.03 -9.59 | 25.59 0.58 -15.58 | 24.50 0.69 -12.74 | 23.84 0.51 -15.16 | 24.61 0.49 -16.27 | 27.71 0.88 -12.65 | 39.39 0.98 -22.29 | 39.39 0.99 -22.15 | 31.38 1.15 -12.74 | 26.28 1.16 -7.54 | 25.86 1.23 -6.32 | 25.10 1.23 -5.24 | 26.34 1.22 -6.27 | 27.15 1.43 -4.00 | 29.88 1.64 -2.29 | 31.41 2.09 -0.31 | 35.60 1.83 -8.04 | 43.22 1.99 -13.18 | 48.82 2.12 -16.86 | 58.36 2.31 -24.00 | 55.97 2.40 -20.66 | 43.49 2.08 -12.59 | 35.97 1.83 -8.71 | 32.46 1.10 -13.04 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| DANSKAMMER___4 23591 | 28.02 1.03 -9.59 | 25.59 0.58 -15.58 | 24.50 0.69 -12.74 | 23.84 0.51 -15.16 | 24.61 0.49 -16.27 | 27.71 0.88 -12.65 | 39.39 0.98 -22.29 | 39.39 0.99 -22.15 | 31.38 1.15 -12.74 | 26.28 1.16 -7.54 | 25.86 1.23 -6.32 | 25.10 1.23 -5.24 | 26.34 1.22 -6.27 | 27.15 1.43 -4.00 | 29.88 1.64 -2.29 | 31.41 2.09 -0.31 | 35.60 1.83 -8.04 | 43.22 1.99 -13.18 | 48.82 2.12 -16.86 | 58.36 2.31 -24.00 | 55.97 2.40 -20.66 | 43.49 2.08 -12.59 | 35.97 1.83 -8.71 | 32.46 1.10 -13.04 |
| DANSKAMMER___DIESEL 23592 | 28.02 1.03 -9.59 | 25.59 0.58 -15.58 | 24.50 0.69 -12.74 | 23.84 0.51 -15.16 | 24.61 0.49 -16.27 | 27.71 0.88 -12.65 | 39.39 0.98 -22.29 | 39.39 0.99 -22.15 | 31.45 1.15 -12.81 | 26.32 1.16 -7.58 | 25.89 1.23 -6.35 | 25.13 1.23 -5.27 | 26.37 1.22 -6.31 | 27.17 1.43 -4.02 | 29.89 1.63 -2.31 | 31.38 2.06 -0.31 | 35.65 1.83 -8.08 | 43.30 1.99 -13.25 | 48.89 2.09 -16.95 | 58.36 2.31 -24.00 | 55.97 2.40 -20.66 | 43.46 2.05 -12.59 | 35.99 1.81 -8.76 | 32.53 1.10 -13.12 |
| DARBY___SOLAR 323810 | 31.19 1.01 -12.78 | 29.39 0.55 -19.42 | 27.58 0.63 -15.88 | 27.54 0.47 -18.89 | 28.59 0.46 -20.27 | 31.88 0.84 -16.86 | 54.79 1.00 -37.67 | 47.17 0.93 -29.99 | 35.93 0.96 -17.48 | 27.89 0.88 -9.43 | 27.10 0.88 -7.90 | 26.06 0.88 -6.55 | 27.61 0.92 -7.84 | 27.79 1.06 -5.01 | 30.04 1.22 -2.87 | 31.02 1.62 -0.39 | 37.08 1.29 -10.05 | 46.05 1.51 -16.49 | 52.69 1.76 -21.08 | 63.99 1.89 -30.05 | 60.78 2.01 -25.87 | 46.28 1.70 -15.76 | 37.77 1.45 -10.89 | 35.57 0.93 -16.31 |
| DASHVILLE___HYD 23610 | 27.97 0.87 -9.71 | 25.80 0.36 -16.03 | 24.60 0.42 -13.11 | 24.08 0.32 -15.59 | 24.88 0.30 -16.73 | 27.60 0.62 -12.80 | 38.00 0.89 -20.98 | 39.48 0.91 -22.31 | 31.42 1.07 -12.87 | 26.15 0.77 -7.80 | 25.71 0.86 -6.53 | 24.91 0.86 -5.42 | 26.18 0.85 -6.49 | 26.83 0.98 -4.14 | 29.46 1.14 -2.37 | 31.13 1.80 -0.33 | 35.34 1.29 -8.31 | 43.09 1.40 -13.63 | 48.74 1.46 -17.43 | 58.32 1.63 -24.63 | 55.78 1.68 -21.20 | 43.18 1.44 -12.91 | 35.70 1.27 -9.01 | 32.50 0.70 -13.49 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 28.48 1.44 -9.64 | 25.82 0.77 -15.62 | 24.85 1.01 -12.78 | 24.16 0.79 -15.19 | 24.89 0.73 -16.31 | 28.35 1.46 -12.70 | 40.24 1.58 -22.54 | 40.31 1.80 -22.25 | 31.98 1.64 -12.85 | 26.54 1.37 -7.59 | 26.30 1.63 -6.35 | 25.49 1.58 -5.27 | 26.17 1.02 -6.31 | 26.97 1.22 -4.03 | 29.66 1.40 -2.31 | 31.52 2.06 -0.46 | 35.56 1.72 -8.10 | 43.85 2.52 -13.27 | 49.77 2.96 -16.97 | 60.65 3.27 -25.33 | 60.55 3.32 -24.32 | 46.41 2.54 -15.05 | 36.48 2.29 -8.76 | 32.54 1.10 -13.13 |
| DELAWARE___LFGE 323621 | 22.10 0.52 -4.18 | 16.41 0.29 -6.70 | 16.89 0.34 -5.48 | 14.95 0.25 -6.52 | 15.10 0.25 -7.00 | 20.16 0.47 -5.51 | 26.90 0.55 -10.23 | 26.47 0.54 -9.68 | 23.60 0.51 -5.61 | 21.32 0.47 -3.26 | 21.54 0.49 -2.73 | 21.42 0.52 -2.27 | 22.06 0.51 -2.71 | 24.08 0.63 -1.73 | 27.74 0.80 -0.99 | 30.10 0.96 -0.14 | 30.12 0.90 -3.48 | 34.71 0.95 -5.70 | 38.16 1.01 -7.29 | 43.95 1.09 -10.81 | 43.29 1.09 -9.30 | 35.53 1.04 -5.67 | 30.06 0.86 -3.77 | 24.55 0.59 -5.64 |
| DERFIELD_115KV_TB7 355931 | 17.47 0.07 0.00 | 9.46 0.04 0.00 | 11.11 0.04 0.00 | 8.22 0.04 0.00 | 7.89 0.04 0.00 | 14.25 0.07 0.00 | 16.21 0.08 0.00 | 16.32 0.07 0.00 | 17.55 0.07 0.00 | 17.65 0.07 0.00 | 18.39 0.07 0.00 | 18.71 0.07 0.00 | 18.90 0.06 0.00 | 21.80 0.09 0.00 | 26.05 0.10 0.00 | 29.15 0.15 0.00 | 25.89 0.15 0.00 | 28.19 0.14 0.00 | 30.03 0.18 0.00 | 32.21 0.16 0.00 | 33.07 0.16 0.00 | 28.97 0.14 0.00 | 25.55 0.13 0.00 | 18.41 0.09 0.00 |
| DOGLEVILLE___HYD 23807 | 17.14 -0.26 0.00 | 9.27 -0.15 0.00 | 10.89 -0.18 0.00 | 8.04 -0.14 0.00 | 7.73 -0.13 0.00 | 13.97 -0.21 0.00 | 15.85 -0.27 0.00 | 15.98 -0.28 0.00 | 17.17 -0.31 0.00 | 17.25 -0.33 0.00 | 17.97 -0.35 0.00 | 18.28 -0.35 0.00 | 18.47 -0.38 0.00 | 21.28 -0.43 0.00 | 25.43 -0.52 0.00 | 28.39 -0.61 0.00 | 25.20 -0.54 0.00 | 27.38 -0.67 0.00 | 29.16 -0.69 0.00 | 31.35 -0.71 0.00 | 32.11 -0.79 0.00 | 28.08 -0.75 0.00 | 24.74 -0.69 0.00 | 17.75 -0.57 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 17.89 -1.25 -1.75 | 11.69 -0.58 -2.86 | 12.71 -0.70 -2.34 | 10.46 -0.49 -2.78 | 10.39 -0.45 -2.98 | 15.58 -0.91 -2.31 | 19.06 -1.03 -3.97 | 19.05 -1.24 -4.03 | 18.33 -1.49 -2.33 | 17.79 -1.18 -1.39 | 18.16 -1.32 -1.16 | 18.24 -1.36 -0.97 | 18.66 -1.34 -1.16 | 20.72 -1.74 -0.74 | 24.09 -2.28 -0.42 | 26.57 -2.49 -0.06 | 24.85 -2.37 -1.48 | 28.13 -2.36 -2.43 | 30.39 -2.57 -3.11 | 33.00 -3.04 -3.99 | 33.86 -2.96 -3.92 | 28.99 -2.22 -2.39 | 24.92 -2.11 -1.60 | 19.60 -1.12 -2.40 |
| DUNKIRK___1 23563 | 17.89 -1.25 -1.75 | 11.69 -0.58 -2.86 | 12.71 -0.70 -2.34 | 10.46 -0.49 -2.78 | 10.39 -0.45 -2.98 | 15.58 -0.91 -2.31 | 19.06 -1.03 -3.97 | 19.05 -1.24 -4.03 | 18.33 -1.49 -2.33 | 17.79 -1.18 -1.39 | 18.16 -1.32 -1.16 | 18.24 -1.36 -0.97 | 18.66 -1.34 -1.16 | 20.72 -1.74 -0.74 | 24.09 -2.28 -0.42 | 26.57 -2.49 -0.06 | 24.85 -2.37 -1.48 | 28.13 -2.36 -2.43 | 30.39 -2.57 -3.11 | 33.00 -3.04 -3.99 | 33.86 -2.96 -3.92 | 28.99 -2.22 -2.39 | 24.92 -2.11 -1.60 | 19.60 -1.12 -2.40 |
| DUNKIRK___2 23564 | 17.89 -1.25 -1.75 | 11.69 -0.58 -2.86 | 12.71 -0.70 -2.34 | 10.46 -0.49 -2.78 | 10.39 -0.45 -2.98 | 15.58 -0.91 -2.31 | 19.06 -1.03 -3.97 | 19.05 -1.24 -4.03 | 18.33 -1.49 -2.33 | 17.79 -1.18 -1.39 | 18.16 -1.32 -1.16 | 18.24 -1.36 -0.97 | 18.66 -1.34 -1.16 | 20.72 -1.74 -0.74 | 24.09 -2.28 -0.42 | 26.57 -2.49 -0.06 | 24.85 -2.37 -1.48 | 28.13 -2.36 -2.43 | 30.39 -2.57 -3.11 | 33.00 -3.04 -3.99 | 33.86 -2.96 -3.92 | 28.99 -2.22 -2.39 | 24.92 -2.11 -1.60 | 19.60 -1.12 -2.40 |
| DUNKIRK___3 23565 | 17.84 -1.30 -1.75 | 11.65 -0.62 -2.86 | 12.66 -0.74 -2.34 | 10.44 -0.51 -2.78 | 10.36 -0.47 -2.98 | 15.52 -0.96 -2.31 | 18.98 -1.11 -3.97 | 18.97 -1.32 -4.03 | 18.26 -1.56 -2.33 | 17.72 -1.25 -1.39 | 18.09 -1.39 -1.16 | 18.17 -1.43 -0.97 | 18.60 -1.39 -1.16 | 20.63 -1.82 -0.74 | 23.98 -2.39 -0.42 | 26.45 -2.61 -0.06 | 24.75 -2.47 -1.48 | 28.02 -2.47 -2.43 | 30.27 -2.69 -3.11 | 32.88 -3.17 -4.00 | 33.76 -3.06 -3.92 | 28.93 -2.28 -2.39 | 24.87 -2.16 -1.60 | 19.57 -1.15 -2.40 |
| DUNKIRK___4 23566 | 17.84 -1.30 -1.75 | 11.65 -0.62 -2.86 | 12.66 -0.74 -2.34 | 10.44 -0.51 -2.78 | 10.36 -0.47 -2.98 | 15.52 -0.96 -2.31 | 18.98 -1.11 -3.97 | 18.97 -1.32 -4.03 | 18.26 -1.56 -2.33 | 17.72 -1.25 -1.39 | 18.09 -1.39 -1.16 | 18.17 -1.43 -0.97 | 18.60 -1.39 -1.16 | 20.63 -1.82 -0.74 | 23.98 -2.39 -0.42 | 26.45 -2.61 -0.06 | 24.75 -2.47 -1.48 | 28.02 -2.47 -2.43 | 30.27 -2.69 -3.11 | 32.88 -3.17 -4.00 | 33.76 -3.06 -3.92 | 28.93 -2.28 -2.39 | 24.87 -2.16 -1.60 | 19.57 -1.15 -2.40 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 28.16 1.13 -9.63 | 25.67 0.63 -15.62 | 24.58 0.74 -12.77 | 23.90 0.54 -15.19 | 24.68 0.52 -16.30 | 27.82 0.94 -12.70 | 39.73 1.08 -22.53 | 39.62 1.12 -22.24 | 31.63 1.29 -12.85 | 26.58 1.41 -7.59 | 26.14 1.47 -6.36 | 25.40 1.49 -5.27 | 26.64 1.49 -6.31 | 27.49 1.72 -4.06 | 30.24 1.95 -2.34 | 31.73 2.38 -0.35 | 35.91 2.08 -8.09 | 43.60 2.24 -13.30 | 49.11 2.30 -16.96 | 58.60 2.50 -24.05 | 56.17 2.57 -20.70 | 43.57 2.13 -12.61 | 36.10 1.91 -8.77 | 32.62 1.17 -13.13 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 27.61 0.92 -9.30 | 25.05 0.53 -15.10 | 24.04 0.62 -12.35 | 23.32 0.46 -14.69 | 24.06 0.44 -15.77 | 27.23 0.79 -12.26 | 38.56 0.89 -21.55 | 38.62 0.91 -21.45 | 30.95 1.05 -12.41 | 26.01 1.07 -7.35 | 25.61 1.14 -6.16 | 24.90 1.16 -5.11 | 26.11 1.15 -6.12 | 26.95 1.32 -3.90 | 29.72 1.53 -2.24 | 31.22 1.91 -0.31 | 35.25 1.67 -7.84 | 42.70 1.80 -12.85 | 48.17 1.88 -16.44 | 57.39 2.08 -23.26 | 55.06 2.14 -20.02 | 42.86 1.84 -12.19 | 35.55 1.63 -8.49 | 32.02 0.99 -12.72 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 28.31 1.27 -9.64 | 25.77 0.73 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.78 1.13 -22.53 | 39.64 1.14 -22.25 | 31.70 1.36 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.63 1.87 -4.05 | 30.41 2.13 -2.33 | 31.93 2.58 -0.35 | 36.07 2.24 -8.09 | 43.75 2.41 -13.29 | 49.20 2.39 -16.97 | 58.73 2.63 -24.05 | 56.24 2.63 -20.70 | 43.63 2.19 -12.61 | 36.28 2.08 -8.77 | 32.80 1.36 -13.13 |
| E179THST_13_KV_LOAD 356214 | 28.38 1.34 -9.64 | 25.80 0.75 -15.63 | 24.74 0.89 -12.78 | 24.03 0.65 -15.20 | 24.79 0.63 -16.31 | 28.01 1.12 -12.71 | 39.85 1.19 -22.53 | 39.72 1.22 -22.25 | 31.77 1.43 -12.85 | 26.76 1.60 -7.58 | 26.34 1.67 -6.36 | 25.61 1.71 -5.26 | 26.84 1.70 -6.30 | 27.72 1.95 -4.05 | 30.53 2.26 -2.33 | 32.08 2.73 -0.35 | 36.20 2.37 -8.09 | 43.92 2.58 -13.29 | 49.35 2.54 -16.97 | 58.89 2.79 -24.05 | 56.40 2.80 -20.70 | 43.77 2.33 -12.61 | 36.38 2.19 -8.77 | 32.87 1.43 -13.13 |
| EAST HAMPTON___GT 23717 | 28.34 1.31 -9.64 | 25.75 0.71 -15.62 | 24.80 0.95 -12.78 | 24.13 0.76 -15.19 | 24.87 0.71 -16.31 | 28.32 1.43 -12.70 | 40.24 1.58 -22.54 | 40.34 1.84 -22.25 | 31.94 1.66 -12.80 | 26.63 1.49 -7.56 | 26.25 1.61 -6.32 | 25.43 1.55 -5.25 | 26.05 0.92 -6.28 | 26.84 1.11 -4.02 | 29.44 1.19 -2.30 | 31.17 1.71 -0.45 | 35.16 1.36 -8.06 | 43.34 2.08 -13.21 | 49.28 2.54 -16.89 | 60.20 2.82 -25.33 | 60.12 2.90 -24.32 | 46.04 2.16 -15.05 | 36.03 1.88 -8.72 | 32.30 0.92 -13.07 |
| EAST RIVER___6 23660 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.64 0.80 -12.77 | 23.94 0.58 -15.19 | 24.72 0.57 -16.30 | 27.90 1.02 -12.70 | 39.83 1.18 -22.53 | 39.70 1.20 -22.24 | 31.68 1.40 -12.79 | 26.70 1.56 -7.56 | 26.27 1.63 -6.33 | 25.56 1.68 -5.25 | 26.78 1.66 -6.28 | 27.66 1.91 -4.03 | 30.47 2.20 -2.32 | 32.01 2.67 -0.34 | 36.13 2.34 -8.05 | 43.74 2.47 -13.22 | 49.24 2.51 -16.89 | 58.86 2.76 -24.05 | 56.40 2.80 -20.70 | 43.77 2.33 -12.61 | 36.24 2.09 -8.72 | 32.67 1.28 -13.07 |
| EAST RIVER___7 23524 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.64 0.80 -12.77 | 23.94 0.58 -15.19 | 24.72 0.57 -16.30 | 27.90 1.02 -12.70 | 39.83 1.18 -22.53 | 39.70 1.20 -22.24 | 31.68 1.40 -12.79 | 26.70 1.56 -7.56 | 26.27 1.63 -6.33 | 25.56 1.68 -5.25 | 26.78 1.66 -6.28 | 27.66 1.91 -4.03 | 30.47 2.20 -2.32 | 32.01 2.67 -0.34 | 36.13 2.34 -8.05 | 43.74 2.47 -13.22 | 49.24 2.51 -16.89 | 58.86 2.76 -24.05 | 56.40 2.80 -20.70 | 43.77 2.33 -12.61 | 36.24 2.09 -8.72 | 32.67 1.28 -13.07 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 28.11 1.10 -9.61 | 25.62 0.61 -15.59 | 24.54 0.72 -12.75 | 23.87 0.53 -15.16 | 24.63 0.51 -16.27 | 27.76 0.91 -12.68 | 39.64 1.03 -22.48 | 39.53 1.07 -22.20 | 31.55 1.24 -12.82 | 26.49 1.34 -7.57 | 26.07 1.41 -6.34 | 25.33 1.43 -5.26 | 26.57 1.43 -6.30 | 27.40 1.65 -4.03 | 30.13 1.87 -2.31 | 31.62 2.29 -0.32 | 35.82 2.01 -8.07 | 43.43 2.13 -13.24 | 48.96 2.18 -16.93 | 58.45 2.40 -24.00 | 56.03 2.47 -20.66 | 43.45 2.05 -12.58 | 36.00 1.83 -8.75 | 32.53 1.12 -13.10 |
| EAST_HAMPTON___DIESEL 23722 | 28.30 1.27 -9.64 | 25.74 0.70 -15.62 | 24.78 0.93 -12.78 | 24.11 0.74 -15.19 | 24.85 0.69 -16.31 | 28.30 1.42 -12.70 | 40.22 1.56 -22.54 | 40.33 1.82 -22.25 | 31.94 1.66 -12.80 | 26.61 1.48 -7.56 | 26.23 1.59 -6.32 | 25.39 1.51 -5.25 | 26.01 0.89 -6.28 | 26.79 1.06 -4.02 | 29.39 1.14 -2.30 | 31.08 1.62 -0.45 | 35.09 1.29 -8.06 | 43.26 1.99 -13.21 | 49.19 2.45 -16.89 | 60.14 2.76 -25.33 | 60.02 2.80 -24.32 | 45.95 2.08 -15.05 | 35.95 1.81 -8.72 | 32.25 0.86 -13.07 |
| EAST_POINT___SOLAR 323840 | 32.82 1.46 -13.96 | 32.00 0.79 -21.79 | 29.80 0.91 -17.82 | 30.05 0.69 -21.19 | 31.29 0.69 -22.74 | 33.86 1.26 -18.41 | 55.38 1.53 -37.72 | 49.89 1.09 -32.55 | 37.15 0.72 -18.95 | 28.56 0.37 -10.61 | 27.61 0.40 -8.89 | 26.45 0.45 -7.37 | 28.31 0.64 -8.82 | 28.22 0.87 -5.63 | 30.45 1.27 -3.23 | 31.01 1.57 -0.44 | 38.59 1.54 -11.31 | 48.59 1.99 -18.55 | 56.34 2.78 -23.72 | 69.27 3.43 -33.79 | 65.64 3.65 -29.09 | 49.71 3.17 -17.71 | 40.30 2.62 -12.25 | 38.50 1.83 -18.35 |
| EAST_PULASKI___ESR 323781 | 17.95 -0.23 -0.78 | 10.55 -0.14 -1.27 | 11.95 -0.15 -1.04 | 9.30 -0.11 -1.24 | 9.08 -0.10 -1.33 | 15.07 -0.14 -1.03 | 17.80 -0.10 -1.77 | 17.92 -0.13 -1.79 | 18.34 -0.21 -1.07 | 17.90 -0.32 -0.64 | 18.54 -0.31 -0.53 | 18.74 -0.33 -0.44 | 19.03 -0.34 -0.53 | 21.71 -0.35 -0.34 | 25.83 -0.31 -0.19 | 28.48 -0.55 -0.03 | 26.00 -0.41 -0.68 | 28.69 -0.48 -1.11 | 30.85 -0.42 -1.42 | 33.72 -0.35 -2.02 | 34.25 -0.39 -1.74 | 29.51 -0.38 -1.06 | 25.78 -0.38 -0.73 | 19.21 -0.20 -1.10 |
| EAST_RIVER___1 323558 | 28.25 1.22 -9.63 | 25.73 0.69 -15.62 | 24.64 0.80 -12.77 | 23.95 0.59 -15.19 | 24.72 0.57 -16.30 | 27.90 1.02 -12.70 | 39.85 1.19 -22.53 | 39.72 1.22 -22.24 | 31.69 1.42 -12.79 | 26.70 1.56 -7.56 | 26.27 1.63 -6.33 | 25.56 1.68 -5.25 | 26.78 1.66 -6.28 | 27.66 1.91 -4.03 | 30.47 2.20 -2.32 | 32.01 2.67 -0.34 | 36.13 2.34 -8.05 | 43.74 2.47 -13.22 | 49.24 2.51 -16.89 | 58.86 2.76 -24.05 | 56.40 2.80 -20.70 | 43.77 2.33 -12.61 | 36.24 2.09 -8.72 | 32.67 1.28 -13.07 |
| EAST_RIVER___2 323559 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.64 0.80 -12.77 | 23.94 0.58 -15.19 | 24.72 0.57 -16.30 | 27.90 1.02 -12.70 | 39.83 1.18 -22.53 | 39.70 1.20 -22.24 | 31.68 1.40 -12.79 | 26.70 1.56 -7.56 | 26.27 1.63 -6.33 | 25.56 1.68 -5.25 | 26.78 1.66 -6.28 | 27.66 1.91 -4.03 | 30.47 2.20 -2.32 | 32.01 2.67 -0.34 | 36.13 2.34 -8.05 | 43.74 2.47 -13.22 | 49.24 2.51 -16.89 | 58.86 2.76 -24.05 | 56.40 2.80 -20.70 | 43.77 2.33 -12.61 | 36.24 2.09 -8.72 | 32.67 1.28 -13.07 |
| EAST___DELAWARE_HYD 23607 | 26.91 0.80 -8.72 | 24.11 0.46 -14.23 | 23.25 0.54 -11.64 | 22.42 0.40 -13.84 | 23.09 0.38 -14.86 | 26.37 0.69 -11.49 | 36.70 0.79 -19.78 | 37.13 0.78 -20.09 | 29.72 0.93 -11.31 | 25.22 0.90 -6.75 | 24.90 0.93 -5.65 | 24.27 0.95 -4.69 | 25.38 0.92 -5.61 | 26.41 1.11 -3.58 | 29.32 1.32 -2.05 | 30.97 1.68 -0.28 | 34.45 1.52 -7.19 | 41.50 1.65 -11.79 | 46.72 1.79 -15.08 | 55.55 2.02 -21.48 | 53.46 2.07 -18.49 | 41.87 1.79 -11.26 | 34.77 1.55 -7.79 | 30.92 0.93 -11.67 |
| EIGHT_POINT___WT_PWR 323820 | 18.05 -1.41 -2.07 | 12.01 -0.78 -3.37 | 12.92 -0.91 -2.76 | 10.82 -0.64 -3.28 | 10.78 -0.60 -3.52 | 15.83 -1.08 -2.72 | 19.62 -1.19 -4.69 | 19.65 -1.37 -4.76 | 18.71 -1.61 -2.83 | 17.69 -1.58 -1.69 | 17.96 -1.78 -1.42 | 17.98 -1.83 -1.17 | 18.42 -1.83 -1.41 | 20.42 -2.19 -0.90 | 23.71 -2.75 -0.52 | 26.00 -3.08 -0.07 | 24.74 -2.80 -1.80 | 28.15 -2.86 -2.96 | 30.76 -2.87 -3.78 | 33.26 -3.11 -4.32 | 34.64 -2.90 -4.63 | 29.28 -2.36 -2.82 | 25.19 -2.19 -1.95 | 20.31 -0.93 -2.92 |
| ELBRIDGE_115KV_TB2 80188 | 18.33 -0.17 -1.11 | 11.12 -0.11 -1.82 | 12.43 -0.12 -1.48 | 9.86 -0.08 -1.77 | 9.67 -0.08 -1.89 | 15.53 -0.11 -1.47 | 18.55 -0.10 -2.52 | 18.72 -0.10 -2.56 | 18.84 -0.12 -1.48 | 18.30 -0.16 -0.88 | 18.87 -0.18 -0.74 | 19.06 -0.19 -0.61 | 19.40 -0.17 -0.73 | 22.01 -0.17 -0.47 | 26.06 -0.16 -0.27 | 28.66 -0.38 -0.04 | 26.34 -0.33 -0.94 | 29.20 -0.39 -1.54 | 31.43 -0.39 -1.97 | 34.53 -0.42 -2.90 | 34.97 -0.43 -2.49 | 29.97 -0.37 -1.52 | 26.11 -0.33 -1.02 | 19.71 -0.13 -1.52 |
| ELEC_TRO_TEK 24086 | 28.34 1.30 -9.64 | 25.74 0.70 -15.62 | 24.68 0.83 -12.78 | 23.99 0.62 -15.19 | 24.75 0.59 -16.31 | 28.02 1.13 -12.70 | 39.84 1.18 -22.54 | 39.84 1.33 -22.25 | 31.77 1.43 -12.85 | 26.56 1.39 -7.59 | 26.32 1.63 -6.38 | 25.57 1.64 -5.29 | 26.65 1.47 -6.33 | 27.53 1.76 -4.05 | 30.38 2.10 -2.33 | 33.18 2.76 -1.42 | 36.25 2.32 -8.20 | 43.79 2.44 -13.30 | 49.36 2.54 -16.97 | 69.15 2.72 -34.38 | 85.82 2.80 -50.12 | 63.75 2.39 -32.54 | 36.40 2.19 -8.79 | 32.75 1.28 -13.15 |

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|--------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ELLENBURG_WT_PWR 323604 | 16.84 -0.56 0.00 | 9.06 -0.36 0.00 | 10.60 -0.46 0.00 | 7.77 -0.40 0.00 | 7.44 -0.41 0.00 | 13.44 -0.74 0.00 | 15.22 -0.90 0.00 | 15.44 -0.81 0.00 | 16.52 -0.96 0.00 | 16.61 -0.97 0.00 | 17.40 -0.92 0.00 | 17.66 -0.97 0.00 | 17.81 -1.04 0.00 | 20.43 -1.28 0.00 | -6.99 -1.56 31.38 | -6.99 -1.65 34.34 | -6.97 -1.42 31.29 | 26.65 -1.40 0.00 | 0.21 -1.52 28.12 | -6.96 -1.54 37.47 | -6.99 -1.61 38.28 | -7.02 -1.59 34.26 | -7.02 -1.45 31.00 | -7.03 -1.10 24.25 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 17.52 -1.53 -1.65 | 11.38 -0.73 -2.70 | 12.40 -0.87 -2.20 | 10.18 -0.61 -2.62 | 10.09 -0.57 -2.81 | 15.19 -1.16 -2.18 | 18.49 -1.39 -3.75 | 18.48 -1.58 -3.81 | 17.86 -1.82 -2.20 | 17.43 -1.46 -1.31 | 17.78 -1.63 -1.10 | 17.87 -1.68 -0.91 | 18.28 -1.66 -1.09 | 20.29 -2.13 -0.70 | 23.55 -2.80 -0.40 | 25.99 -3.07 -0.06 | 24.25 -2.88 -1.40 | 27.51 -2.83 -2.29 | 29.71 -3.07 -2.93 | 32.14 -3.69 -3.77 | 33.11 -3.49 -3.70 | 28.40 -2.68 -2.25 | 24.53 -2.42 -1.51 | 19.23 -1.36 -2.27 |
| EMPIRE_CC_1 323656 | 30.76 1.04 -12.32 | 28.29 0.55 -18.32 | 26.71 0.65 -14.99 | 26.48 0.48 -17.82 | 27.44 0.46 -19.13 | 31.27 0.84 -16.25 | 55.70 0.92 -38.65 | 46.24 0.94 -29.04 | 35.54 1.08 -16.97 | 27.58 1.11 -8.89 | 26.84 1.08 -7.45 | 25.91 1.10 -6.18 | 27.35 1.11 -7.40 | 27.65 1.22 -4.72 | 29.74 1.09 -2.71 | 30.80 1.42 -0.37 | 36.50 1.29 -9.48 | 45.00 1.40 -15.54 | 51.25 1.52 -19.88 | 62.05 1.60 -28.40 | 59.03 1.68 -24.45 | 45.21 1.50 -14.89 | 37.02 1.32 -10.27 | 34.50 0.81 -15.38 |
| EMPIRE_CC_2 323658 | 30.76 1.04 -12.32 | 28.29 0.55 -18.32 | 26.71 0.65 -14.99 | 26.48 0.48 -17.82 | 27.44 0.46 -19.13 | 31.27 0.84 -16.25 | 55.70 0.92 -38.65 | 46.24 0.94 -29.04 | 35.54 1.08 -16.97 | 27.58 1.11 -8.89 | 26.84 1.08 -7.45 | 25.91 1.10 -6.18 | 27.35 1.11 -7.40 | 27.65 1.22 -4.72 | 29.74 1.09 -2.71 | 30.80 1.42 -0.37 | 36.50 1.29 -9.48 | 45.00 1.40 -15.54 | 51.25 1.52 -19.88 | 62.05 1.60 -28.40 | 59.03 1.68 -24.45 | 45.21 1.50 -14.89 | 37.02 1.32 -10.27 | 34.50 0.81 -15.38 |
| ENORWICH_115KV_TB1 80156 | 21.21 0.82 -2.99 | 14.71 0.41 -4.89 | 15.53 0.46 -4.00 | 13.29 0.36 -4.75 | 13.33 0.37 -5.10 | 18.84 0.71 -3.95 | 23.81 0.89 -6.80 | 24.00 0.85 -6.90 | 22.08 0.61 -3.99 | 20.33 0.37 -2.38 | 20.60 0.29 -1.99 | 20.60 0.32 -1.65 | 21.12 0.30 -1.98 | 23.44 0.46 -1.26 | 27.48 0.80 -0.72 | 30.09 0.99 -0.10 | 29.43 1.16 -2.54 | 33.56 1.35 -4.16 | 36.90 1.73 -5.32 | 43.37 1.99 -9.34 | 42.33 1.88 -7.55 | 35.04 1.61 -4.60 | 29.39 1.22 -2.75 | 23.29 0.86 -4.12 |
| ERIE_ST_34_KV_TB1-2 80199 | 17.45 -1.65 -1.70 | 11.39 -0.81 -2.78 | 12.38 -0.96 -2.27 | 10.20 -0.68 -2.70 | 10.12 -0.64 -2.90 | 15.16 -1.26 -2.24 | 18.52 -1.47 -3.86 | 18.54 -1.64 -3.92 | 17.84 -1.91 -2.27 | 17.35 -1.58 -1.35 | 17.71 -1.74 -1.13 | 17.78 -1.79 -0.94 | 18.20 -1.77 -1.12 | 20.20 -2.24 -0.72 | 23.45 -2.91 -0.41 | 25.90 -3.16 -0.06 | 24.25 -2.93 -1.44 | 27.50 -2.92 -2.36 | 29.68 -3.19 -3.02 | 32.16 -3.78 -3.89 | 33.09 -3.62 -3.81 | 28.32 -2.82 -2.32 | 24.42 -2.57 -1.56 | 19.21 -1.45 -2.34 |
| ERIE_WT_PWR 323693 | 17.55 -1.53 -1.68 | 11.43 -0.74 -2.75 | 12.43 -0.89 -2.25 | 10.23 -0.62 -2.68 | 10.15 -0.57 -2.87 | 15.23 -1.18 -2.22 | 18.55 -1.40 -3.82 | 18.56 -1.58 -3.88 | 18.01 -1.78 -2.31 | 17.48 -1.48 -1.38 | 17.82 -1.65 -1.15 | 17.90 -1.70 -0.96 | 18.31 -1.68 -1.14 | 20.30 -2.15 -0.73 | 23.54 -2.83 -0.42 | 25.99 -3.08 -0.06 | 24.27 -2.93 -1.47 | 27.46 -3.00 -2.41 | 29.79 -3.13 -3.08 | 32.18 -3.72 -3.85 | 33.19 -3.49 -3.77 | 28.36 -2.77 -2.30 | 24.55 -2.47 -1.59 | 19.36 -1.34 -2.38 |
| ESPRGFLD_115KV_TB1 80157 | 18.52 1.04 -0.08 | 9.41 0.57 0.58 | 11.25 0.65 0.47 | 8.11 0.50 0.56 | 7.75 0.50 0.60 | 15.21 0.92 -0.11 | 21.68 1.13 -4.43 | 17.69 0.99 -0.44 | 18.70 0.87 -0.35 | 18.00 0.70 0.28 | 18.83 0.75 0.24 | 19.22 0.78 0.20 | 19.44 0.83 0.23 | 22.61 1.04 0.15 | 27.29 1.43 0.09 | 30.64 1.65 0.01 | 27.01 1.57 0.30 | 29.41 1.85 0.49 | 31.43 2.21 0.63 | 33.82 2.50 0.73 | 34.84 2.57 0.63 | 30.75 2.31 0.38 | 26.98 1.88 0.33 | 19.15 1.32 0.49 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 19.78 0.19 -2.19 | 13.08 0.08 -3.58 | 14.10 0.10 -2.93 | 11.75 0.09 -3.49 | 11.68 0.09 -3.74 | 17.26 0.18 -2.89 | 21.40 0.29 -4.98 | 21.58 0.26 -5.06 | 20.58 0.17 -2.92 | 19.41 0.09 -1.74 | 19.81 0.04 -1.46 | 19.88 0.04 -1.21 | 20.35 0.06 -1.45 | 22.73 0.09 -0.93 | 26.63 0.16 -0.53 | 29.19 0.12 -0.07 | 27.75 0.15 -1.86 | 31.36 0.25 -3.05 | 34.14 0.39 -3.90 | 39.83 0.48 -7.30 | 38.42 0.49 -5.02 | 32.32 0.43 -3.06 | 27.75 0.31 -2.01 | 21.59 0.26 -3.02 |
| ETNA____115KV_TB2 80207 | 19.78 0.19 -2.19 | 13.08 0.08 -3.58 | 14.10 0.10 -2.93 | 11.75 0.09 -3.49 | 11.68 0.09 -3.74 | 17.26 0.18 -2.89 | 21.40 0.29 -4.98 | 21.58 0.26 -5.06 | 20.58 0.17 -2.92 | 19.41 0.09 -1.74 | 19.81 0.04 -1.46 | 19.88 0.04 -1.21 | 20.35 0.06 -1.45 | 22.73 0.09 -0.93 | 26.63 0.16 -0.53 | 29.19 0.12 -0.07 | 27.75 0.15 -1.86 | 31.36 0.25 -3.05 | 34.14 0.39 -3.90 | 39.83 0.48 -7.30 | 38.42 0.49 -5.02 | 32.32 0.43 -3.06 | 27.75 0.31 -2.01 | 21.59 0.26 -3.02 |
| EUCLID____115KV_TB2 356179 | 18.14 -0.16 -0.90 | 10.79 -0.10 -1.48 | 12.17 -0.11 -1.21 | 9.54 -0.07 -1.44 | 9.32 -0.07 -1.54 | 15.27 -0.10 -1.19 | 18.11 -0.06 -2.05 | 18.28 -0.07 -2.08 | 18.60 -0.09 -1.21 | 18.18 -0.12 -0.72 | 18.79 -0.13 -0.60 | 19.00 -0.13 -0.50 | 19.33 -0.11 -0.60 | 22.01 -0.09 -0.38 | 26.11 -0.05 -0.22 | 28.74 -0.29 -0.03 | 26.25 -0.26 -0.77 | 28.97 -0.34 -1.26 | 31.10 -0.36 -1.61 | 34.05 -0.35 -2.35 | 34.53 -0.39 -2.02 | 29.68 -0.37 -1.23 | 25.95 -0.31 -0.83 | 19.43 -0.13 -1.24 |
| E_CANADA_CAP_HY 24051 | 33.36 1.43 -14.54 | 33.01 0.77 -22.82 | 30.62 0.89 -18.66 | 31.04 0.67 -22.19 | 32.35 0.68 -23.82 | 34.59 1.23 -19.18 | 56.18 1.50 -38.55 | 51.38 1.27 -33.86 | 38.28 1.08 -19.71 | 29.55 0.84 -11.12 | 28.51 0.88 -9.31 | 27.27 0.91 -7.73 | 29.11 1.02 -9.25 | 28.88 1.26 -5.91 | 31.02 1.69 -3.39 | 31.41 1.94 -0.46 | 39.45 1.85 -11.85 | 49.76 2.27 -19.44 | 57.54 2.84 -24.86 | 70.73 3.27 -35.41 | 66.81 3.42 -30.48 | 50.42 3.03 -18.57 | 40.79 2.52 -12.84 | 39.31 1.76 -19.24 |
| E_CANADA_MHWK_HY 24050 | 17.14 -0.26 0.00 | 9.27 -0.15 0.00 | 10.89 -0.18 0.00 | 8.04 -0.14 0.00 | 7.73 -0.13 0.00 | 13.97 -0.21 0.00 | 15.85 -0.27 0.00 | 15.98 -0.28 0.00 | 17.17 -0.31 0.00 | 17.25 -0.33 0.00 | 17.97 -0.35 0.00 | 18.28 -0.35 0.00 | 18.47 -0.38 0.00 | 21.28 -0.43 0.00 | 25.45 -0.49 0.00 | 28.42 -0.58 0.00 | 25.20 -0.54 0.00 | 27.38 -0.67 0.00 | 29.16 -0.69 0.00 | 31.34 -0.71 0.00 | 32.11 -0.79 0.00 | 28.08 -0.75 0.00 | 24.74 -0.69 0.00 | 17.75 -0.57 0.00 |
| E_FISHKILL____LBMP 23776 | 28.20 0.97 -9.83 | 25.90 0.55 -15.93 | 24.74 0.64 -13.03 | 24.14 0.47 -15.49 | 24.94 0.46 -16.63 | 27.94 0.81 -12.95 | 40.02 0.92 -22.98 | 39.89 0.94 -22.69 | 31.69 1.08 -13.12 | 26.49 1.16 -7.75 | 26.03 1.23 -6.49 | 25.27 1.25 -5.38 | 26.53 1.24 -6.44 | 27.24 1.41 -4.11 | 29.88 1.58 -2.35 | 31.32 2.00 -0.32 | 35.75 1.75 -8.26 | 43.47 1.88 -13.54 | 49.08 1.91 -17.32 | 58.72 2.12 -24.56 | 56.18 2.14 -21.14 | 43.55 1.84 -12.88 | 36.00 1.63 -8.95 | 32.71 0.99 -13.40 |
| FALCON____SEABRD_CC1 323796 | 16.98 -0.42 0.00 | 9.14 -0.28 0.00 | 10.68 -0.39 0.00 | 7.83 -0.34 0.00 | 7.49 -0.36 0.00 | 13.56 -0.62 0.00 | 15.33 -0.79 0.00 | 15.59 -0.67 0.00 | 16.66 -0.82 0.00 | 16.75 -0.83 0.00 | 17.53 -0.79 0.00 | 17.80 -0.84 0.00 | 17.96 -0.89 0.00 | 20.59 -1.13 0.00 | -7.11 -1.38 31.68 | -7.11 -1.45 34.67 | -7.08 -1.24 31.58 | 26.88 -1.18 0.00 | 0.19 -1.28 28.38 | -7.06 -1.28 37.82 | -7.09 -1.35 38.64 | -7.11 -1.35 34.58 | -7.11 -1.25 31.29 | -7.11 -0.95 24.48 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| FALCON___SEABRD_CC2 323797 | 16.98 -0.42 0.00 | 9.14 -0.28 0.00 | 10.68 -0.39 0.00 | 7.83 -0.34 0.00 | 7.49 -0.36 0.00 | 13.56 -0.62 0.00 | 15.33 -0.79 0.00 | 15.59 -0.67 0.00 | 16.66 -0.82 0.00 | 16.75 -0.83 0.00 | 17.53 -0.79 0.00 | 17.80 -0.84 0.00 | 17.96 -0.89 0.00 | 20.59 -1.13 0.00 | -7.11 -1.38 31.68 | -7.11 -1.45 34.67 | -7.08 -1.24 31.58 | 26.88 -1.18 0.00 | 0.19 -1.28 28.38 | -7.06 -1.28 37.82 | -7.09 -1.35 38.64 | -7.11 -1.35 34.58 | -7.11 -1.25 31.29 | -7.11 -0.95 24.48 |
| FAR ROCKAWAY___4 23548 | 28.56 1.53 -9.64 | 25.85 0.81 -15.62 | 24.81 0.96 -12.78 | 24.09 0.72 -15.19 | 24.84 0.68 -16.31 | 28.19 1.30 -12.70 | 40.03 1.37 -22.54 | 40.03 1.53 -22.25 | 31.98 1.64 -12.85 | 26.75 1.58 -7.59 | 26.56 1.83 -6.41 | 25.81 1.84 -5.33 | 26.89 1.68 -6.37 | 27.82 2.02 -4.08 | 30.70 2.39 -2.36 | 34.61 3.13 -2.47 | 36.73 2.68 -8.31 | 44.22 2.83 -13.33 | 49.77 2.96 -16.97 | 80.03 3.21 -44.77 | 115.96 3.29 -79.76 | 84.32 2.85 -52.64 | 36.79 2.54 -8.82 | 33.04 1.54 -13.19 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 28.25 1.22 -9.63 | 25.73 0.69 -15.62 | 24.64 0.80 -12.77 | 23.95 0.59 -15.19 | 24.72 0.57 -16.30 | 27.90 1.02 -12.70 | 39.83 1.18 -22.53 | 39.72 1.22 -22.24 | 31.75 1.42 -12.85 | 26.73 1.56 -7.59 | 26.30 1.63 -6.36 | 25.57 1.66 -5.27 | 26.81 1.66 -6.31 | 27.68 1.91 -4.05 | 30.46 2.18 -2.33 | 32.01 2.67 -0.34 | 36.14 2.32 -8.09 | 43.80 2.47 -13.28 | 49.29 2.48 -16.96 | 58.86 2.76 -24.05 | 56.40 2.80 -20.70 | 43.74 2.31 -12.61 | 36.28 2.08 -8.76 | 32.73 1.28 -13.13 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 28.25 1.22 -9.63 | 25.73 0.69 -15.62 | 24.64 0.80 -12.77 | 23.95 0.59 -15.19 | 24.72 0.57 -16.30 | 27.90 1.02 -12.70 | 39.83 1.18 -22.53 | 39.72 1.22 -22.24 | 31.75 1.42 -12.85 | 26.73 1.56 -7.59 | 26.30 1.63 -6.36 | 25.57 1.66 -5.27 | 26.81 1.66 -6.31 | 27.68 1.91 -4.05 | 30.46 2.18 -2.33 | 31.98 2.64 -0.34 | 36.14 2.32 -8.09 | 43.80 2.47 -13.28 | 49.29 2.48 -16.96 | 58.86 2.76 -24.05 | 56.40 2.80 -20.70 | 43.74 2.31 -12.61 | 36.28 2.08 -8.76 | 32.73 1.28 -13.13 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.64 0.80 -12.77 | 23.94 0.58 -15.19 | 24.72 0.57 -16.30 | 27.89 1.01 -12.70 | 39.83 1.18 -22.53 | 39.70 1.20 -22.24 | 31.73 1.40 -12.85 | 26.72 1.55 -7.59 | 26.28 1.61 -6.36 | 25.57 1.66 -5.27 | 26.79 1.64 -6.31 | 27.65 1.89 -4.05 | 30.43 2.15 -2.33 | 31.98 2.64 -0.34 | 36.14 2.32 -8.09 | 43.77 2.44 -13.28 | 49.29 2.48 -16.96 | 58.82 2.72 -24.05 | 56.37 2.76 -20.70 | 43.71 2.28 -12.61 | 36.25 2.06 -8.76 | 32.71 1.26 -13.13 |
| FARRAGUT___LBMP 323566 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.63 0.79 -12.77 | 23.94 0.58 -15.19 | 24.71 0.56 -16.30 | 27.89 1.01 -12.70 | 39.81 1.16 -22.53 | 39.69 1.19 -22.24 | 31.73 1.40 -12.85 | 26.70 1.53 -7.59 | 26.27 1.59 -6.36 | 25.55 1.64 -5.27 | 26.78 1.62 -6.31 | 27.63 1.87 -4.05 | 30.41 2.13 -2.33 | 31.95 2.61 -0.34 | 36.12 2.29 -8.09 | 43.77 2.44 -13.28 | 49.26 2.45 -16.96 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.68 2.25 -12.61 | 36.23 2.03 -8.76 | 32.71 1.26 -13.13 |
| FENNER___WINDPWR 24204 | 18.83 0.23 -1.21 | 11.51 0.11 -1.98 | 12.82 0.13 -1.62 | 10.21 0.11 -1.93 | 10.03 0.11 -2.07 | 16.01 0.23 -1.60 | 19.18 0.31 -2.75 | 19.34 0.29 -2.80 | 19.40 0.24 -1.67 | 18.72 0.14 -1.00 | 19.28 0.13 -0.84 | 19.46 0.13 -0.69 | 19.81 0.13 -0.83 | 22.44 0.20 -0.53 | 26.59 0.34 -0.30 | 29.39 0.35 -0.04 | 27.19 0.39 -1.06 | 30.25 0.45 -1.75 | 32.65 0.57 -2.23 | 36.16 0.64 -3.47 | 36.22 0.59 -2.73 | 30.98 0.49 -1.66 | 26.94 0.36 -1.15 | 20.32 0.28 -1.73 |
| FIBERTEK___ENERGY 23856 | 18.38 -0.07 -1.05 | 11.08 -0.06 -1.72 | 12.42 -0.06 -1.41 | 9.82 -0.03 -1.67 | 9.62 -0.03 -1.80 | 15.54 -0.03 -1.39 | 18.53 0.02 -2.39 | 18.67 -0.02 -2.43 | 18.86 -0.02 -1.39 | 18.34 -0.07 -0.83 | 18.92 -0.09 -0.70 | 19.14 -0.07 -0.58 | 19.48 -0.06 -0.69 | 22.14 -0.02 -0.44 | 26.23 0.03 -0.25 | 28.84 -0.20 -0.03 | 26.45 -0.18 -0.89 | 29.34 -0.17 -1.45 | 31.56 -0.15 -1.86 | 34.64 -0.16 -2.75 | 35.07 -0.20 -2.36 | 30.09 -0.17 -1.44 | 26.23 -0.15 -0.96 | 19.72 -0.04 -1.44 |
| FITZPATRICK____ 23598 | 17.57 -0.43 -0.61 | 10.17 -0.24 -1.00 | 11.60 -0.29 -0.81 | 8.94 -0.20 -0.97 | 8.70 -0.20 -1.04 | 14.64 -0.34 -0.80 | 17.14 -0.37 -1.38 | 17.29 -0.37 -1.41 | 17.90 -0.42 -0.83 | 17.64 -0.44 -0.50 | 18.28 -0.46 -0.42 | 18.52 -0.47 -0.35 | 18.79 -0.47 -0.41 | 21.46 -0.52 -0.26 | 25.50 -0.60 -0.15 | 28.12 -0.90 -0.02 | 25.47 -0.80 -0.53 | 28.02 -0.90 -0.87 | 29.98 -0.98 -1.11 | 32.58 -1.06 -1.58 | 33.18 -1.08 -1.36 | 28.70 -0.95 -0.83 | 25.21 -0.79 -0.57 | 18.74 -0.44 -0.86 |
| FLOWRFLD_69_KV_BK1 356044 | 28.56 1.53 -9.64 | 25.85 0.81 -15.62 | 24.84 1.00 -12.78 | 24.13 0.76 -15.19 | 24.87 0.71 -16.31 | 28.27 1.39 -12.70 | 40.11 1.45 -22.54 | 40.15 1.64 -22.25 | 31.95 1.61 -12.85 | 26.61 1.44 -7.59 | 26.39 1.72 -6.35 | 25.62 1.71 -5.27 | 26.49 1.34 -6.31 | 27.38 1.63 -4.03 | 30.23 1.97 -2.31 | 32.19 2.73 -0.46 | 36.15 2.32 -8.10 | 44.13 2.81 -13.27 | 49.92 3.10 -16.97 | 60.84 3.40 -25.39 | 60.88 3.49 -24.49 | 46.81 2.82 -15.16 | 36.76 2.57 -8.76 | 32.80 1.36 -13.13 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 28.09 1.06 -9.64 | 25.67 0.60 -15.65 | 24.58 0.71 -12.80 | 23.92 0.52 -15.22 | 24.68 0.49 -16.33 | 27.78 0.89 -12.71 | 39.53 1.00 -22.41 | 39.53 1.02 -22.25 | 31.52 1.17 -12.87 | 26.37 1.18 -7.61 | 25.94 1.25 -6.38 | 25.17 1.25 -5.29 | 26.42 1.24 -6.33 | 27.21 1.45 -4.04 | 29.92 1.66 -2.32 | 31.44 2.12 -0.32 | 35.73 1.88 -8.11 | 43.41 2.05 -13.31 | 49.02 2.15 -17.02 | 58.53 2.37 -24.11 | 56.09 2.43 -20.75 | 43.57 2.10 -12.64 | 36.08 1.86 -8.79 | 32.62 1.14 -13.17 |
| FORT ORANGE____ 23900 | 28.46 0.68 -10.38 | 28.63 0.34 -18.87 | 26.90 0.40 -15.43 | 26.83 0.30 -18.35 | 27.84 0.29 -19.69 | 28.39 0.54 -13.68 | 28.89 0.63 -12.14 | 40.09 0.60 -23.24 | 31.32 0.68 -13.15 | 27.36 0.61 -9.16 | 26.59 0.60 -7.67 | 25.61 0.61 -6.36 | 27.08 0.62 -7.62 | 27.28 0.69 -4.86 | 29.41 0.67 -2.79 | 30.37 0.99 -0.38 | 36.38 0.88 -9.76 | 45.02 0.95 -16.01 | 51.37 1.04 -20.48 | 62.36 1.12 -29.19 | 59.21 1.18 -25.13 | 45.16 1.04 -15.30 | 36.92 0.91 -10.58 | 34.71 0.55 -15.85 |
| FORT_DRUM_COGEN 23780 | 17.74 -0.21 -0.55 | 10.18 -0.14 -0.90 | 11.65 -0.15 -0.74 | 8.94 -0.11 -0.88 | 8.71 -0.09 -0.94 | 14.82 -0.09 -0.73 | 17.33 -0.05 -1.25 | 17.48 -0.05 -1.27 | 17.92 -0.30 -0.74 | 17.46 -0.56 -0.44 | 18.08 -0.60 -0.37 | 18.29 -0.65 -0.31 | 18.51 -0.70 -0.37 | 21.23 -0.72 -0.23 | 26.85 -0.60 -1.50 | 29.85 -0.67 -1.51 | 27.13 -0.44 -1.83 | 28.46 -0.36 -0.77 | 31.97 -0.09 -2.21 | 35.31 0.19 -3.07 | 35.87 0.07 -2.90 | 30.98 -0.09 -2.24 | 27.00 -0.28 -1.86 | 19.93 -0.20 -1.82 |
| FOX_HILLS___ESR 323835 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.87 1.54 -12.85 | 26.88 1.71 -7.60 | 26.45 1.78 -6.36 | 25.72 1.81 -5.28 | 26.97 1.81 -6.32 | 27.85 2.08 -4.05 | 30.64 2.36 -2.34 | 32.19 2.84 -0.34 | 36.27 2.42 -8.11 | 43.98 2.64 -13.29 | 49.47 2.66 -16.97 | 59.02 2.92 -24.05 | 56.53 2.93 -20.70 | 43.83 2.39 -12.61 | 36.46 2.26 -8.77 | 32.92 1.47 -13.14 |
| FPL FAR_ROCK_GT1 24212 | 28.56 1.53 -9.64 | 25.85 0.81 -15.62 | 24.81 0.96 -12.78 | 24.09 0.72 -15.19 | 24.84 0.68 -16.31 | 28.19 1.30 -12.70 | 40.03 1.37 -22.54 | 40.03 1.53 -22.25 | 31.92 1.64 -12.80 | 26.75 1.62 -7.56 | 26.53 1.83 -6.38 | 25.78 1.85 -5.30 | 26.86 1.68 -6.34 | 27.85 2.06 -4.07 | 30.77 2.47 -2.35 | 34.58 3.10 -2.47 | 36.72 2.70 -8.28 | 44.10 2.78 -13.27 | 49.70 2.96 -16.89 | 80.03 3.20 -44.77 | 115.99 3.32 -79.76 | 84.35 2.88 -52.64 | 36.75 2.54 -8.78 | 32.98 1.54 -13.13 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| FPL_FAR_ROCK_GT2 23815 | 28.56 1.53 -9.64 | 25.85 0.81 -15.62 | 24.81 0.96 -12.78 | 24.09 0.72 -15.19 | 24.84 0.68 -16.31 | 28.19 1.30 -12.70 | 40.03 1.37 -22.54 | 40.03 1.53 -22.25 | 31.92 1.64 -12.80 | 26.75 1.62 -7.56 | 26.53 1.83 -6.38 | 25.78 1.85 -5.30 | 26.86 1.68 -6.34 | 27.85 2.06 -4.07 | 30.77 2.47 -2.35 | 34.58 3.10 -2.47 | 36.72 2.70 -8.28 | 44.10 2.78 -13.27 | 49.70 2.96 -16.89 | 80.03 3.20 -44.77 | 115.99 3.32 -79.76 | 84.35 2.88 -52.64 | 36.75 2.54 -8.78 | 32.98 1.54 -13.13 |
| FRANKLIN_FALL_HYD 24054 | 16.89 -0.50 0.00 | 9.11 -0.31 0.00 | 10.66 -0.41 0.00 | 7.81 -0.36 0.00 | 7.48 -0.37 0.00 | 13.56 -0.62 0.00 | 15.33 -0.79 0.00 | 15.59 -0.67 0.00 | 16.68 -0.80 0.00 | 16.68 -0.90 0.00 | 17.44 -0.88 0.00 | 17.70 -0.93 0.00 | 17.86 -0.98 0.00 | 20.52 -1.19 0.00 | 46.22 -1.48 -21.76 | 51.30 -1.51 -23.81 | 46.17 -1.26 -21.69 | 26.88 -1.18 0.00 | 48.09 -1.25 -19.49 | 56.87 -1.15 -25.98 | 58.22 -1.22 -26.54 | 51.25 -1.33 -23.75 | 45.64 -1.27 -21.49 | 34.15 -0.97 -16.81 |
| FREEPORT_EQUS_GT1 23764 | 28.44 1.41 -9.64 | 25.79 0.74 -15.62 | 24.73 0.89 -12.78 | 24.04 0.67 -15.19 | 24.79 0.63 -16.31 | 28.10 1.22 -12.70 | 39.95 1.29 -22.54 | 39.95 1.45 -22.25 | 31.80 1.52 -12.80 | 26.63 1.49 -7.56 | 26.37 1.70 -6.35 | 25.61 1.71 -5.27 | 26.65 1.51 -6.30 | 27.62 1.87 -4.03 | 30.52 2.26 -2.32 | 33.08 2.87 -1.21 | 36.30 2.42 -8.14 | 43.78 2.50 -13.23 | 49.43 2.69 -16.89 | 66.96 2.92 -31.99 | 79.23 2.99 -43.33 | 59.33 2.56 -27.94 | 36.48 2.31 -8.74 | 32.76 1.36 -13.09 |
| FREEPORT___CT2 23818 | 28.44 1.41 -9.64 | 25.79 0.74 -15.62 | 24.73 0.89 -12.78 | 24.04 0.67 -15.19 | 24.79 0.63 -16.31 | 28.10 1.22 -12.70 | 39.95 1.29 -22.54 | 39.95 1.45 -22.25 | 31.80 1.52 -12.80 | 26.63 1.49 -7.56 | 26.37 1.70 -6.35 | 25.61 1.71 -5.27 | 26.65 1.51 -6.30 | 27.62 1.87 -4.03 | 30.52 2.26 -2.32 | 33.08 2.87 -1.21 | 36.30 2.42 -8.14 | 43.78 2.50 -13.23 | 49.43 2.69 -16.89 | 66.96 2.92 -31.99 | 79.23 2.99 -43.33 | 59.33 2.56 -27.94 | 36.48 2.31 -8.74 | 32.76 1.36 -13.09 |
| FRESHKLS_33_KV_LOAD 356253 | 28.48 1.44 -9.64 | 25.84 0.79 -15.63 | 24.77 0.92 -12.78 | 24.05 0.68 -15.20 | 24.82 0.65 -16.31 | 28.08 1.19 -12.71 | 39.98 1.32 -22.53 | 39.83 1.33 -22.25 | 31.87 1.54 -12.85 | 26.87 1.69 -7.60 | 26.45 1.78 -6.36 | 25.72 1.81 -5.28 | 26.95 1.79 -6.32 | 27.83 2.06 -4.05 | 30.62 2.34 -2.34 | 32.16 2.81 -0.34 | 36.22 2.37 -8.11 | 43.92 2.58 -13.29 | 49.41 2.60 -16.97 | 58.95 2.85 -24.05 | 56.47 2.86 -20.70 | 43.77 2.33 -12.61 | 36.46 2.26 -8.77 | 32.94 1.48 -13.14 |
| FULTON COGEN____ 23766 | 18.06 -0.17 -0.84 | 10.66 -0.12 -1.37 | 12.05 -0.13 -1.12 | 9.41 -0.09 -1.33 | 9.19 -0.09 -1.43 | 15.16 -0.13 -1.10 | 17.93 -0.10 -1.90 | 18.09 -0.10 -1.93 | 18.49 -0.10 -1.11 | 18.09 -0.16 -0.66 | 18.69 -0.18 -0.56 | 18.93 -0.17 -0.46 | 19.24 -0.15 -0.55 | 21.94 -0.13 -0.35 | 26.05 -0.10 -0.20 | 28.65 -0.38 -0.03 | 26.14 -0.31 -0.71 | 28.79 -0.42 -1.16 | 30.92 -0.42 -1.49 | 33.81 -0.42 -2.18 | 34.31 -0.46 -1.87 | 29.56 -0.40 -1.14 | 25.84 -0.36 -0.77 | 19.32 -0.15 -1.15 |
| FULTON___LFGE 323630 | 32.53 1.31 -13.83 | 31.69 0.71 -21.56 | 29.51 0.81 -17.63 | 29.76 0.61 -20.97 | 30.98 0.62 -22.51 | 33.55 1.12 -18.24 | 55.03 1.37 -37.54 | 49.68 1.17 -32.26 | 37.28 1.01 -18.78 | 28.89 0.81 -10.50 | 27.95 0.84 -8.79 | 26.78 0.86 -7.29 | 28.53 0.96 -8.73 | 28.48 1.19 -5.57 | 30.70 1.56 -3.20 | 31.33 1.88 -0.44 | 38.73 1.80 -11.19 | 48.62 2.22 -18.35 | 56.00 2.69 -23.46 | 68.55 3.08 -33.42 | 64.90 3.23 -28.77 | 49.14 2.80 -17.52 | 39.89 2.34 -12.12 | 38.09 1.61 -18.16 |
| G.F.CEMENT___DRP 24184 | 31.26 1.08 -12.78 | 29.52 0.58 -19.51 | 27.69 0.66 -15.96 | 27.66 0.51 -18.98 | 28.72 0.50 -20.37 | 31.95 0.91 -16.86 | 54.40 1.13 -37.15 | 47.24 1.02 -29.96 | 36.01 1.05 -17.48 | 28.02 0.95 -9.49 | 27.24 0.97 -7.95 | 26.22 0.99 -6.59 | 27.79 1.06 -7.89 | 27.99 1.24 -5.04 | 30.29 1.45 -2.89 | 31.28 1.89 -0.40 | 37.17 1.31 -10.11 | 46.16 1.51 -16.59 | 52.85 1.79 -21.21 | 64.17 1.92 -30.19 | 60.93 2.04 -25.99 | 46.33 1.67 -15.83 | 37.81 1.42 -10.96 | 35.67 0.93 -16.42 |
| GARDENVILLE___LBMP 24039 | 17.54 -1.53 -1.68 | 11.42 -0.74 -2.74 | 12.43 -0.89 -2.24 | 10.22 -0.62 -2.67 | 10.14 -0.57 -2.86 | 15.22 -1.18 -2.21 | 18.55 -1.39 -3.81 | 18.55 -1.58 -3.87 | 17.88 -1.84 -2.24 | 17.42 -1.49 -1.33 | 17.79 -1.65 -1.12 | 17.87 -1.70 -0.93 | 18.27 -1.68 -1.11 | 20.28 -2.15 -0.71 | 23.53 -2.83 -0.41 | 25.96 -3.10 -0.06 | 24.28 -2.88 -1.42 | 27.55 -2.83 -2.33 | 29.73 -3.10 -2.98 | 32.20 -3.69 -3.83 | 33.17 -3.49 -3.76 | 28.43 -2.68 -2.29 | 24.53 -2.44 -1.54 | 19.27 -1.36 -2.31 |
| GARDNVLA_35_KV_LD 355827 | 17.59 -1.50 -1.69 | 11.45 -0.73 -2.75 | 12.46 -0.86 -2.25 | 10.25 -0.60 -2.68 | 10.16 -0.57 -2.88 | 15.26 -1.15 -2.22 | 18.60 -1.35 -3.83 | 18.60 -1.54 -3.89 | 17.93 -1.80 -2.25 | 17.48 -1.44 -1.34 | 17.83 -1.61 -1.12 | 17.91 -1.66 -0.93 | 18.32 -1.64 -1.11 | 20.32 -2.11 -0.71 | 23.61 -2.75 -0.41 | 26.04 -3.02 -0.06 | 24.34 -2.83 -1.43 | 27.65 -2.75 -2.34 | 29.83 -3.01 -2.99 | 32.28 -3.62 -3.85 | 33.26 -3.42 -3.78 | 28.50 -2.62 -2.30 | 24.58 -2.39 -1.55 | 19.33 -1.30 -2.32 |
| GELCKHM___115KV_LOAD 80723 | 18.24 -0.12 -0.96 | 10.90 -0.08 -1.57 | 12.26 -0.09 -1.28 | 9.64 -0.06 -1.53 | 9.44 -0.05 -1.64 | 15.36 -0.09 -1.27 | 18.27 -0.03 -2.18 | 18.42 -0.05 -2.21 | 18.71 -0.05 -1.28 | 18.24 -0.11 -0.76 | 18.84 -0.11 -0.64 | 19.05 -0.11 -0.53 | 19.38 -0.09 -0.63 | 22.05 -0.07 -0.40 | 26.15 -0.03 -0.23 | 28.77 -0.26 -0.03 | 26.32 -0.23 -0.81 | 29.10 -0.28 -1.33 | 31.28 -0.27 -1.70 | 34.29 -0.26 -2.50 | 34.72 -0.33 -2.15 | 29.85 -0.29 -1.31 | 26.05 -0.25 -0.88 | 19.54 -0.09 -1.32 |
| GENERAL___MILLS 23808 | 17.55 -1.53 -1.68 | 11.43 -0.74 -2.75 | 12.43 -0.89 -2.25 | 10.23 -0.62 -2.68 | 10.15 -0.57 -2.87 | 15.24 -1.16 -2.22 | 18.56 -1.39 -3.82 | 18.56 -1.58 -3.88 | 17.91 -1.82 -2.24 | 17.44 -1.48 -1.34 | 17.79 -1.65 -1.12 | 17.87 -1.70 -0.93 | 18.28 -1.68 -1.11 | 20.30 -2.13 -0.71 | 23.55 -2.80 -0.41 | 25.99 -3.07 -0.06 | 24.28 -2.88 -1.43 | 27.59 -2.81 -2.34 | 29.77 -3.07 -2.99 | 32.21 -3.69 -3.85 | 33.19 -3.49 -3.77 | 28.47 -2.65 -2.30 | 24.56 -2.42 -1.55 | 19.29 -1.34 -2.31 |
| GE_PLASTICS___DRP 24183 | 28.86 0.56 -10.91 | 28.61 0.29 -18.90 | 26.87 0.34 -15.46 | 26.81 0.25 -18.38 | 27.82 0.24 -19.73 | 29.00 0.44 -14.38 | 34.95 0.50 -18.33 | 41.50 0.49 -24.76 | 32.21 0.56 -14.17 | 27.34 0.56 -9.19 | 26.58 0.57 -7.70 | 25.60 0.58 -6.39 | 27.07 0.58 -7.65 | 27.27 0.67 -4.88 | 29.45 0.70 -2.80 | 30.37 0.99 -0.38 | 36.39 0.85 -9.80 | 45.05 0.93 -16.07 | 51.38 0.99 -20.55 | 62.31 1.03 -29.23 | 59.15 1.09 -25.16 | 45.10 0.95 -15.33 | 36.91 0.86 -10.62 | 34.73 0.51 -15.90 |
| GILBOA___1 23756 | 27.13 0.50 -9.22 | 24.77 0.28 -15.07 | 23.72 0.33 -12.32 | 23.07 0.25 -14.65 | 23.81 0.24 -15.72 | 26.77 0.43 -12.16 | 37.55 0.48 -20.94 | 38.01 0.49 -21.26 | 30.31 0.56 -12.27 | 25.48 0.58 -7.32 | 25.05 0.60 -6.13 | 24.33 0.61 -5.08 | 25.55 0.62 -6.09 | 26.32 0.72 -3.89 | 29.01 0.83 -2.23 | 30.35 1.04 -0.31 | 34.46 0.93 -7.80 | 41.85 1.01 -12.79 | 47.22 1.02 -16.36 | 56.34 0.99 -23.29 | 53.97 1.02 -20.05 | 42.07 1.04 -12.21 | 34.79 0.91 -8.45 | 31.54 0.57 -12.66 |
| GILBOA___2 23757 | 27.13 0.50 -9.22 | 24.77 0.28 -15.07 | 23.72 0.33 -12.32 | 23.07 0.25 -14.65 | 23.81 0.24 -15.72 | 26.77 0.43 -12.16 | 37.55 0.48 -20.94 | 38.01 0.49 -21.26 | 30.31 0.56 -12.27 | 25.48 0.58 -7.32 | 25.05 0.60 -6.13 | 24.33 0.61 -5.08 | 25.55 0.62 -6.09 | 26.32 0.72 -3.89 | 29.01 0.83 -2.23 | 30.35 1.04 -0.31 | 34.46 0.93 -7.80 | 41.85 1.01 -12.79 | 47.22 1.02 -16.36 | 56.34 0.99 -23.29 | 53.97 1.02 -20.05 | 42.07 1.04 -12.21 | 34.79 0.91 -8.45 | 31.54 0.57 -12.66 |

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| GILBOA___3 23758 | 27.13 0.50 -9.22 | 24.77 0.28 -15.07 | 23.72 0.33 -12.32 | 23.07 0.25 -14.65 | 23.81 0.24 -15.72 | 26.77 0.43 -12.16 | 37.55 0.48 -20.94 | 38.01 0.49 -21.26 | 30.31 0.56 -12.27 | 25.48 0.58 -7.32 | 25.05 0.60 -6.13 | 24.33 0.61 -5.08 | 25.55 0.62 -6.09 | 26.32 0.72 -3.89 | 29.01 0.83 -2.23 | 30.35 1.04 -0.31 | 34.46 0.93 -7.80 | 41.85 1.01 -12.79 | 47.22 1.02 -16.36 | 56.34 0.99 -23.29 | 53.97 1.02 -20.05 | 42.07 1.04 -12.21 | 34.79 0.91 -8.45 | 31.54 0.57 -12.66 |
| GILBOA___4 23759 | 27.13 0.50 -9.22 | 24.77 0.28 -15.07 | 23.72 0.33 -12.32 | 23.07 0.25 -14.65 | 23.81 0.24 -15.72 | 26.77 0.43 -12.16 | 37.55 0.48 -20.94 | 38.01 0.49 -21.26 | 30.31 0.56 -12.27 | 25.48 0.58 -7.32 | 25.05 0.60 -6.13 | 24.33 0.61 -5.08 | 25.55 0.62 -6.09 | 26.32 0.72 -3.89 | 29.01 0.83 -2.23 | 30.35 1.04 -0.31 | 34.46 0.93 -7.80 | 41.85 1.01 -12.79 | 47.22 1.02 -16.36 | 56.34 0.99 -23.29 | 53.97 1.02 -20.05 | 42.07 1.04 -12.21 | 34.79 0.91 -8.45 | 31.54 0.57 -12.66 |
| GILBOA___ 23599 | 27.13 0.50 -9.22 | 24.77 0.28 -15.07 | 23.72 0.33 -12.32 | 23.07 0.25 -14.65 | 23.81 0.24 -15.72 | 26.77 0.43 -12.16 | 37.55 0.48 -20.94 | 38.01 0.49 -21.26 | 30.31 0.54 -12.28 | 25.49 0.58 -7.33 | 25.06 0.60 -6.14 | 24.34 0.61 -5.09 | 25.56 0.62 -6.09 | 26.32 0.72 -3.89 | 29.01 0.83 -2.23 | 30.35 1.04 -0.31 | 34.48 0.93 -7.81 | 41.87 1.01 -12.81 | 47.25 1.01 -16.38 | 56.34 0.99 -23.29 | 53.97 1.02 -20.05 | 42.07 1.04 -12.21 | 34.80 0.92 -8.46 | 31.56 0.57 -12.68 |
| GINNA___ 23603 | 17.24 -1.43 -1.27 | 10.74 -0.74 -2.07 | 11.90 -0.86 -1.69 | 9.57 -0.61 -2.01 | 9.44 -0.57 -2.16 | 14.79 -1.06 -1.67 | 17.71 -1.29 -2.87 | 17.74 -1.43 -2.92 | 17.68 -1.54 -1.73 | 17.21 -1.41 -1.03 | 17.64 -1.54 -0.87 | 17.84 -1.51 -0.72 | 18.18 -1.53 -0.86 | 20.42 -1.85 -0.55 | 23.82 -2.44 -0.31 | 26.49 -2.55 -0.04 | 24.47 -2.37 -1.10 | 27.39 -2.47 -1.81 | 29.62 -2.54 -2.31 | 32.10 -2.88 -2.94 | 33.04 -2.70 -2.84 | 28.28 -2.28 -1.73 | 24.59 -2.04 -1.19 | 18.82 -1.28 -1.79 |
| GLEN PARK___ 23778 | 17.83 -0.14 -0.57 | 10.24 -0.11 -0.93 | 11.71 -0.12 -0.76 | 9.00 -0.08 -0.91 | 8.77 -0.05 -0.97 | 14.90 -0.03 -0.75 | 17.45 0.03 -1.30 | 17.59 0.02 -1.32 | 18.00 -0.26 -0.78 | 17.52 -0.53 -0.47 | 18.12 -0.59 -0.39 | 18.33 -0.63 -0.32 | 18.53 -0.70 -0.39 | 21.25 -0.72 -0.25 | 26.81 -0.57 -1.44 | 29.80 -0.64 -1.44 | 27.17 -0.36 -1.79 | 28.62 -0.25 -0.82 | 32.11 0.06 -2.20 | 35.43 0.35 -3.03 | 35.99 0.23 -2.86 | 31.07 0.06 -2.19 | 27.07 -0.18 -1.82 | 20.00 -0.13 -1.81 |
| GLENDALE_27_KV_LOAD 356172 | 28.38 1.34 -9.64 | 25.80 0.75 -15.63 | 24.73 0.87 -12.78 | 24.02 0.65 -15.20 | 24.79 0.62 -16.31 | 28.01 1.12 -12.71 | 39.91 1.26 -22.53 | 39.80 1.30 -22.25 | 31.86 1.52 -12.85 | 26.87 1.69 -7.60 | 26.43 1.76 -6.36 | 25.70 1.79 -5.28 | 26.95 1.79 -6.32 | 27.83 2.06 -4.05 | 30.64 2.36 -2.34 | 32.22 2.87 -0.34 | 36.30 2.47 -8.09 | 44.03 2.69 -13.28 | 49.50 2.69 -16.97 | 59.05 2.95 -24.05 | 56.57 2.96 -20.70 | 43.88 2.45 -12.61 | 36.40 2.21 -8.77 | 32.86 1.41 -13.13 |
| GLENWOOD_IC_1_G5 23712 | 28.34 1.30 -9.64 | 25.75 0.71 -15.62 | 24.68 0.83 -12.78 | 23.99 0.62 -15.19 | 24.75 0.59 -16.31 | 27.99 1.11 -12.70 | 39.85 1.19 -22.54 | 39.82 1.32 -22.25 | 31.79 1.45 -12.85 | 26.63 1.46 -7.59 | 26.33 1.65 -6.37 | 25.58 1.66 -5.28 | 26.73 1.56 -6.32 | 27.61 1.85 -4.05 | 30.43 2.15 -2.33 | 32.82 2.76 -1.06 | 36.27 2.37 -8.16 | 43.83 2.50 -13.28 | 49.33 2.51 -16.97 | 65.56 2.72 -30.79 | 75.55 2.76 -39.89 | 56.78 2.36 -25.59 | 36.39 2.19 -8.78 | 32.78 1.32 -13.14 |
| GLENWOOD_IC_2_G1 23688 | 28.23 1.20 -9.64 | 25.70 0.66 -15.62 | 24.62 0.77 -12.78 | 23.95 0.58 -15.19 | 24.71 0.55 -16.31 | 27.91 1.02 -12.70 | 39.79 1.13 -22.54 | 39.72 1.22 -22.25 | 31.64 1.36 -12.80 | 26.56 1.42 -7.56 | 26.18 1.54 -6.33 | 25.45 1.57 -5.25 | 26.62 1.49 -6.29 | 27.49 1.76 -4.02 | 30.30 2.05 -2.31 | 31.90 2.55 -0.34 | 36.01 2.21 -8.06 | 43.57 2.30 -13.22 | 49.13 2.39 -16.89 | 58.92 2.63 -24.24 | 56.84 2.70 -21.24 | 44.07 2.28 -12.97 | 36.19 2.03 -8.73 | 32.62 1.23 -13.07 |
| GLENWOOD_IC_3_G1 23689 | 28.23 1.20 -9.64 | 25.70 0.66 -15.62 | 24.62 0.77 -12.78 | 23.95 0.58 -15.19 | 24.71 0.55 -16.31 | 27.91 1.02 -12.70 | 39.79 1.13 -22.54 | 39.72 1.22 -22.25 | 31.64 1.36 -12.80 | 26.56 1.42 -7.56 | 26.18 1.54 -6.33 | 25.45 1.57 -5.25 | 26.62 1.49 -6.29 | 27.49 1.76 -4.02 | 30.30 2.05 -2.31 | 31.90 2.55 -0.34 | 36.01 2.21 -8.06 | 43.57 2.30 -13.22 | 49.13 2.39 -16.89 | 58.92 2.63 -24.24 | 56.84 2.70 -21.24 | 44.07 2.28 -12.97 | 36.19 2.03 -8.73 | 32.62 1.23 -13.07 |
| GLENWOOD___4 23550 | 28.34 1.30 -9.64 | 25.75 0.71 -15.62 | 24.68 0.83 -12.78 | 23.99 0.62 -15.19 | 24.75 0.59 -16.31 | 27.99 1.11 -12.70 | 39.85 1.19 -22.54 | 39.82 1.32 -22.25 | 31.79 1.45 -12.85 | 26.63 1.46 -7.59 | 26.33 1.65 -6.37 | 25.58 1.66 -5.28 | 26.73 1.56 -6.32 | 27.61 1.85 -4.05 | 30.43 2.15 -2.33 | 32.82 2.76 -1.06 | 36.27 2.37 -8.16 | 43.83 2.50 -13.28 | 49.36 2.54 -16.97 | 65.60 2.76 -30.79 | 75.62 2.83 -39.89 | 56.81 2.39 -25.59 | 36.39 2.19 -8.78 | 32.78 1.32 -13.14 |
| GLENWOOD___5 23614 | 28.34 1.30 -9.64 | 25.75 0.71 -15.62 | 24.68 0.83 -12.78 | 23.99 0.62 -15.19 | 24.75 0.59 -16.31 | 27.99 1.11 -12.70 | 39.85 1.19 -22.54 | 39.82 1.32 -22.25 | 31.79 1.45 -12.85 | 26.63 1.46 -7.59 | 26.33 1.65 -6.37 | 25.58 1.66 -5.28 | 26.73 1.56 -6.32 | 27.61 1.85 -4.05 | 30.43 2.15 -2.33 | 32.82 2.76 -1.06 | 36.27 2.37 -8.16 | 43.83 2.50 -13.28 | 49.36 2.54 -16.97 | 65.60 2.76 -30.79 | 75.62 2.83 -39.89 | 56.81 2.39 -25.59 | 36.39 2.19 -8.78 | 32.78 1.32 -13.14 |
| GLOBAL GREEN_PORT_GT1 23814 | 28.47 1.44 -9.64 | 25.82 0.77 -15.62 | 24.86 1.02 -12.78 | 24.17 0.80 -15.19 | 24.90 0.74 -16.31 | 28.39 1.50 -12.70 | 40.31 1.65 -22.54 | 40.39 1.88 -22.25 | 31.99 1.71 -12.80 | 26.68 1.55 -7.56 | 26.33 1.68 -6.32 | 25.50 1.62 -5.25 | 26.16 1.04 -6.28 | 27.01 1.28 -4.02 | 29.68 1.43 -2.30 | 31.46 2.00 -0.45 | 35.45 1.65 -8.06 | 43.65 2.38 -13.21 | 49.61 2.87 -16.89 | 60.58 3.20 -25.33 | 60.48 3.26 -24.32 | 46.35 2.48 -15.05 | 36.31 2.16 -8.72 | 32.45 1.06 -13.07 |
| GLOBE___DSASP 323697 | 17.19 -1.77 -1.57 | 11.14 -0.84 -2.56 | 12.17 -1.00 -2.09 | 9.96 -0.70 -2.49 | 9.87 -0.65 -2.67 | 14.89 -1.36 -2.07 | 18.01 -1.68 -3.56 | 18.00 -1.87 -3.61 | 17.46 -2.12 -2.09 | 17.12 -1.71 -1.25 | 17.47 -1.89 -1.04 | 17.56 -1.94 -0.87 | 17.96 -1.92 -1.04 | 19.92 -2.45 -0.66 | 23.11 -3.22 -0.38 | 25.49 -3.57 -0.05 | 23.77 -3.29 -1.33 | 26.89 -3.34 -2.18 | 29.02 -3.61 -2.78 | 31.32 -4.33 -3.59 | 32.33 -4.08 -3.51 | 27.82 -3.14 -2.14 | 24.07 -2.80 -1.44 | 18.84 -1.63 -2.15 |
| GOETHSLN___LBMP 323567 | 28.16 1.13 -9.63 | 25.69 0.65 -15.62 | 24.60 0.75 -12.77 | 23.92 0.56 -15.19 | 24.70 0.54 -16.30 | 27.85 0.96 -12.70 | 39.77 1.11 -22.53 | 39.65 1.15 -22.24 | 31.68 1.35 -12.85 | 26.66 1.49 -7.59 | 26.23 1.56 -6.36 | 25.51 1.60 -5.27 | 26.76 1.60 -6.31 | 27.59 1.82 -4.05 | 30.38 2.10 -2.33 | 31.92 2.58 -0.34 | 36.09 2.27 -8.09 | 43.69 2.36 -13.28 | 49.17 2.36 -16.96 | 58.70 2.60 -24.05 | 56.27 2.66 -20.70 | 43.62 2.19 -12.61 | 36.17 1.98 -8.76 | 32.67 1.23 -13.13 |
| GOLAH___69_KV_TB 1_2 80279 | 17.88 -0.84 -1.32 | 11.16 -0.41 -2.15 | 12.34 -0.49 -1.76 | 9.93 -0.34 -2.09 | 9.81 -0.29 -2.25 | 15.34 -0.58 -1.74 | 18.36 -0.76 -2.99 | 18.37 -0.93 -3.04 | 18.12 -1.12 -1.75 | 17.76 -0.86 -1.05 | 18.20 -0.99 -0.88 | 18.37 -0.99 -0.73 | 18.71 -1.00 -0.87 | 20.99 -1.28 -0.56 | 24.45 -1.82 -0.32 | 27.13 -1.91 -0.04 | 25.08 -1.78 -1.12 | 28.20 -1.68 -1.83 | 30.46 -1.73 -2.34 | 33.05 -2.05 -3.05 | 34.11 -1.74 -2.95 | 29.36 -1.27 -1.80 | 25.41 -1.22 -1.21 | 19.50 -0.62 -1.81 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOODYEAR_LAKE_HYD 323669 | 21.09 0.70 -3.00 | 14.40 0.38 -4.60 | 15.28 0.44 -3.76 | 12.99 0.34 -4.48 | 13.00 0.34 -4.80 | 18.76 0.62 -3.96 | 25.46 0.74 -8.60 | 24.00 0.72 -7.03 | 22.23 0.65 -4.10 | 20.40 0.58 -2.24 | 20.80 0.60 -1.88 | 20.82 0.63 -1.56 | 21.35 0.64 -1.86 | 23.71 0.80 -1.19 | 27.72 1.09 -0.68 | 30.37 1.28 -0.09 | 29.31 1.18 -2.39 | 33.29 1.32 -3.92 | 36.32 1.46 -5.01 | 41.11 1.60 -7.45 | 40.93 1.61 -6.42 | 34.20 1.47 -3.91 | 29.21 1.20 -2.59 | 23.02 0.82 -3.87 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 20.45 -0.05 -3.11 | 14.46 -0.04 -5.08 | 15.19 -0.03 -4.15 | 13.11 -0.01 -4.94 | 13.15 -0.01 -5.30 | 18.27 -0.01 -4.10 | 23.20 0.02 -7.06 | 23.39 -0.03 -7.17 | 21.54 -0.09 -4.14 | 19.98 -0.07 -2.47 | 20.28 -0.11 -2.07 | 20.24 -0.11 -1.72 | 20.80 -0.09 -2.06 | 22.90 -0.13 -1.31 | 26.54 -0.16 -0.75 | 28.90 -0.20 -0.10 | 28.19 -0.18 -2.63 | 32.21 -0.17 -4.32 | 35.20 -0.18 -5.53 | 39.72 -0.22 -7.89 | 39.71 -0.20 -7.00 | 33.06 -0.03 -4.27 | 28.18 -0.10 -2.86 | 22.59 0.00 -4.28 |
| GOUDEY___7 23579 | 20.45 -0.05 -3.11 | 14.46 -0.04 -5.08 | 15.19 -0.03 -4.15 | 13.11 -0.01 -4.94 | 13.15 -0.01 -5.30 | 18.27 -0.01 -4.10 | 23.20 0.02 -7.06 | 23.39 -0.03 -7.17 | 21.54 -0.09 -4.14 | 19.98 -0.07 -2.47 | 20.28 -0.11 -2.07 | 20.24 -0.11 -1.72 | 20.80 -0.09 -2.06 | 22.90 -0.13 -1.31 | 26.54 -0.16 -0.75 | 28.90 -0.20 -0.10 | 28.19 -0.18 -2.63 | 32.21 -0.17 -4.32 | 35.20 -0.18 -5.53 | 39.72 -0.22 -7.89 | 39.71 -0.20 -7.00 | 33.06 -0.03 -4.27 | 28.18 -0.10 -2.86 | 22.59 0.00 -4.28 |
| GOUDEY___8 23580 | 20.45 -0.05 -3.11 | 14.46 -0.04 -5.08 | 15.19 -0.03 -4.15 | 13.11 -0.01 -4.94 | 13.15 -0.01 -5.30 | 18.27 -0.01 -4.10 | 23.20 0.02 -7.06 | 23.39 -0.03 -7.17 | 21.54 -0.09 -4.14 | 19.98 -0.07 -2.47 | 20.28 -0.11 -2.07 | 20.24 -0.11 -1.72 | 20.80 -0.09 -2.06 | 22.90 -0.13 -1.31 | 26.54 -0.16 -0.75 | 28.90 -0.20 -0.10 | 28.19 -0.18 -2.63 | 32.21 -0.17 -4.32 | 35.20 -0.18 -5.53 | 39.72 -0.22 -7.89 | 39.71 -0.20 -7.00 | 33.06 -0.03 -4.27 | 28.18 -0.10 -2.86 | 22.59 0.00 -4.28 |
| GOWANUS_GT1_1 24077 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT1_2 24078 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT1_3 24079 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT1_4 24080 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT1_5 24084 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT1_6 24111 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT1_7 24112 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT1_8 24113 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT2_1 24114 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT2_2 24115 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT2_3 24116 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |

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|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| GOWANUS_GT2_4 24117 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT2_5 24118 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT2_6 24119 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT2_7 24120 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT2_8 24121 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT3_1 24122 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT3_2 24123 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT3_3 24124 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT3_4 24125 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT3_5 24126 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT3_6 24127 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT3_7 24128 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT3_8 24129 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| GOWANUS_GT4_1 24130 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT4_2 24131 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT4_3 24132 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT4_4 24133 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT4_5 24134 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT4_6 24135 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT4_7 24136 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GOWANUS_GT4_8 24137 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GREENBSH_115KV_TB3 55895 | 28.37 0.63 -10.35 | 28.69 0.33 -18.94 | 26.95 0.39 -15.49 | 26.88 0.29 -18.42 | 27.90 0.27 -19.77 | 28.32 0.51 -13.63 | 27.98 0.56 -11.29 | 39.92 0.55 -23.11 | 31.20 0.63 -13.09 | 27.44 0.65 -9.21 | 26.67 0.64 -7.72 | 25.67 0.63 -6.40 | 27.16 0.66 -7.66 | 27.35 0.74 -4.89 | 29.43 0.67 -2.80 | 30.37 0.99 -0.38 | 36.41 0.85 -9.82 | 45.06 0.90 -16.10 | 51.40 0.96 -20.59 | 62.35 0.99 -29.31 | 59.18 1.05 -25.23 | 45.11 0.92 -15.37 | 36.91 0.84 -10.64 | 34.77 0.51 -15.94 |
| GREENDGE_115KV_TB5 80291 | 18.98 -0.40 -1.98 | 12.43 -0.23 -3.24 | 13.47 -0.24 -2.65 | 11.17 -0.16 -3.15 | 11.09 -0.14 -3.38 | 16.55 -0.24 -2.61 | 20.40 -0.23 -4.50 | 20.50 -0.33 -4.57 | 19.67 -0.45 -2.64 | 18.70 -0.46 -1.57 | 19.09 -0.55 -1.32 | 19.17 -0.56 -1.09 | 19.61 -0.55 -1.31 | 21.90 -0.65 -0.84 | 25.60 -0.83 -0.48 | 28.14 -0.93 -0.07 | 26.59 -0.82 -1.68 | 30.10 -0.70 -2.75 | 32.74 -0.63 -3.52 | 35.28 -0.71 -3.94 | 36.76 -0.59 -4.45 | 31.10 -0.43 -2.71 | 26.74 -0.51 -1.82 | 20.80 -0.24 -2.72 |
| GREENIDGE___3 23582 | 18.98 -0.40 -1.98 | 12.43 -0.23 -3.24 | 13.47 -0.24 -2.65 | 11.17 -0.16 -3.15 | 11.09 -0.14 -3.38 | 16.55 -0.24 -2.61 | 20.40 -0.23 -4.50 | 20.50 -0.33 -4.57 | 19.67 -0.45 -2.64 | 18.70 -0.46 -1.57 | 19.09 -0.55 -1.32 | 19.17 -0.56 -1.09 | 19.61 -0.55 -1.31 | 21.90 -0.65 -0.84 | 25.60 -0.83 -0.48 | 28.14 -0.93 -0.07 | 26.59 -0.82 -1.68 | 30.10 -0.70 -2.75 | 32.74 -0.63 -3.52 | 35.28 -0.71 -3.94 | 36.76 -0.59 -4.45 | 31.10 -0.43 -2.71 | 26.74 -0.51 -1.82 | 20.80 -0.24 -2.72 |
| GREENIDGE___4 23583 | 18.98 -0.40 -1.98 | 12.43 -0.23 -3.24 | 13.47 -0.24 -2.65 | 11.17 -0.16 -3.15 | 11.09 -0.14 -3.38 | 16.55 -0.24 -2.61 | 20.40 -0.23 -4.50 | 20.50 -0.32 -4.57 | 19.77 -0.44 -2.72 | 18.77 -0.44 -1.62 | 19.13 -0.55 -1.36 | 19.20 -0.56 -1.13 | 19.67 -0.53 -1.35 | 21.93 -0.65 -0.86 | 25.61 -0.83 -0.49 | 28.14 -0.93 -0.07 | 26.65 -0.82 -1.73 | 30.14 -0.76 -2.84 | 32.85 -0.63 -3.63 | 35.28 -0.71 -3.94 | 36.76 -0.59 -4.45 | 31.07 -0.46 -2.71 | 26.77 -0.54 -1.88 | 20.89 -0.24 -2.81 |
| GREENLWN_69_KV_BK 3 55738 | 28.32 1.29 -9.64 | 25.72 0.68 -15.62 | 24.66 0.82 -12.78 | 23.98 0.61 -15.19 | 24.74 0.58 -16.31 | 28.03 1.15 -12.70 | 39.77 1.11 -22.54 | 39.79 1.28 -22.25 | 31.75 1.42 -12.85 | 26.51 1.34 -7.59 | 26.28 1.61 -6.35 | 25.51 1.60 -5.27 | 26.53 1.38 -6.31 | 27.42 1.67 -4.03 | 30.26 2.00 -2.31 | 32.18 2.70 -0.48 | 36.05 2.21 -8.10 | 43.54 2.22 -13.27 | 49.15 2.33 -16.97 | 60.15 2.53 -25.57 | 60.52 2.60 -25.02 | 46.56 2.22 -15.52 | 36.33 2.14 -8.76 | 32.69 1.25 -13.13 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |
| GRISSOM___SOLAR 323813 | 32.30 1.22 -13.69 | 31.38 0.66 -21.30 | 29.24 0.75 -17.42 | 29.46 0.57 -20.72 | 30.66 0.57 -22.23 | 33.28 1.05 -18.05 | 54.75 1.29 -37.33 | 49.29 1.11 -31.93 | 37.05 0.98 -18.59 | 28.76 0.81 -10.37 | 27.84 0.84 -8.68 | 26.69 0.86 -7.20 | 28.41 0.94 -8.62 | 28.39 1.17 -5.50 | 30.61 1.50 -3.16 | 31.26 1.83 -0.43 | 38.51 1.72 -11.05 | 48.28 2.11 -18.12 | 55.56 2.54 -23.17 | 67.95 2.89 -33.01 | 64.31 2.99 -28.42 | 48.73 2.60 -17.31 | 39.59 2.19 -11.97 | 37.75 1.50 -17.93 |
| GROVEVILLE___HYD 323602 | 28.09 1.06 -9.64 | 25.67 0.60 -15.65 | 24.58 0.71 -12.80 | 23.92 0.52 -15.22 | 24.68 0.49 -16.33 | 27.78 0.89 -12.71 | 39.53 1.00 -22.41 | 39.53 1.02 -22.25 | 31.52 1.17 -12.87 | 26.37 1.18 -7.61 | 25.94 1.25 -6.38 | 25.17 1.25 -5.29 | 26.42 1.24 -6.33 | 27.21 1.45 -4.04 | 29.92 1.66 -2.32 | 31.44 2.12 -0.32 | 35.73 1.88 -8.11 | 43.41 2.05 -13.31 | 49.02 2.15 -17.02 | 58.53 2.37 -24.11 | 56.09 2.43 -20.75 | 43.57 2.10 -12.64 | 36.08 1.86 -8.79 | 32.62 1.14 -13.17 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 18.38 -0.07 -1.05 | 11.08 -0.06 -1.72 | 12.42 -0.06 -1.41 | 9.82 -0.03 -1.67 | 9.62 -0.03 -1.80 | 15.54 -0.03 -1.39 | 18.53 0.02 -2.39 | 18.67 -0.02 -2.43 | 18.86 -0.02 -1.39 | 18.34 -0.07 -0.83 | 18.92 -0.09 -0.70 | 19.14 -0.07 -0.58 | 19.48 -0.06 -0.69 | 22.14 -0.02 -0.44 | 26.23 0.03 -0.25 | 28.84 -0.20 -0.03 | 26.45 -0.18 -0.89 | 29.34 -0.17 -1.45 | 31.56 -0.15 -1.86 | 34.64 -0.16 -2.75 | 35.07 -0.20 -2.36 | 30.09 -0.17 -1.44 | 26.23 -0.15 -0.96 | 19.72 -0.04 -1.44 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| HAMLTNNY_34_KV_TB 80303 | 18.42 -0.10 -1.12 | 11.18 -0.08 -1.84 | 12.49 -0.08 -1.50 | 9.92 -0.04 -1.79 | 9.73 -0.04 -1.92 | 15.62 -0.04 -1.48 | 18.68 0.00 -2.55 | 18.83 -0.02 -2.59 | 18.92 -0.05 -1.49 | 18.40 -0.07 -0.89 | 18.95 -0.11 -0.75 | 19.16 -0.09 -0.62 | 19.53 -0.06 -0.74 | 22.15 -0.04 -0.47 | 26.19 -0.03 -0.27 | 28.84 -0.20 -0.04 | 26.51 -0.18 -0.95 | 29.38 -0.22 -1.56 | 31.63 -0.21 -1.99 | 34.75 -0.22 -2.93 | 35.19 -0.23 -2.52 | 30.19 -0.17 -1.54 | 26.28 -0.18 -1.03 | 19.82 -0.04 -1.54 |
| HAMPSHIRE___PAPER_HYD 323593 | 17.10 -0.59 -0.30 | 9.57 -0.34 -0.48 | 11.07 -0.40 -0.40 | 8.34 -0.31 -0.47 | 8.07 -0.29 -0.51 | 14.09 -0.48 -0.39 | 16.19 -0.61 -0.67 | 16.36 -0.58 -0.68 | 17.10 -0.79 -0.41 | 16.87 -0.95 -0.24 | 17.53 -0.99 -0.20 | 17.78 -1.02 -0.17 | 17.97 -1.07 -0.20 | 20.65 -1.19 -0.13 | 28.11 -1.32 -3.49 | 31.35 -1.39 -3.74 | 28.29 -1.11 -3.66 | 27.41 -1.07 -0.42 | 32.47 -0.98 -3.60 | 36.00 -0.90 -4.85 | 36.74 -0.99 -4.83 | 31.92 -1.04 -4.13 | 28.03 -1.04 -3.65 | 20.59 -0.79 -3.06 |
| HARDSCRABBLE_WT_PWR 323673 | 17.21 -0.19 0.00 | 9.31 -0.11 0.00 | 10.94 -0.13 0.00 | 8.08 -0.10 0.00 | 7.76 -0.09 0.00 | 14.03 -0.16 0.00 | 15.91 -0.21 0.00 | 16.06 -0.19 0.00 | 17.26 -0.23 0.00 | 17.33 -0.25 0.00 | 18.06 -0.26 0.00 | 18.37 -0.26 0.00 | 18.54 -0.30 0.00 | 21.37 -0.35 0.00 | 25.56 -0.39 0.00 | 28.54 -0.47 0.00 | 25.30 -0.44 0.00 | 27.49 -0.56 0.00 | 29.28 -0.57 0.00 | 31.47 -0.58 0.00 | 32.24 -0.66 0.00 | 28.16 -0.66 0.00 | 24.79 -0.63 0.00 | 17.80 -0.51 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 27.38 0.97 -9.01 | 24.59 0.55 -14.62 | 23.67 0.64 -11.96 | 22.87 0.48 -14.22 | 23.57 0.46 -15.26 | 26.90 0.84 -11.88 | 38.08 0.94 -21.02 | 38.02 0.96 -20.80 | 30.65 1.10 -12.06 | 25.85 1.14 -7.13 | 25.50 1.21 -5.97 | 24.80 1.21 -4.95 | 26.00 1.22 -5.93 | 26.92 1.41 -3.79 | 29.75 1.63 -2.17 | 31.33 2.03 -0.30 | 35.11 1.78 -7.60 | 42.40 1.88 -12.46 | 47.75 1.97 -15.93 | 56.79 2.18 -22.56 | 54.53 2.20 -19.42 | 42.59 1.93 -11.83 | 35.36 1.70 -8.23 | 31.69 1.04 -12.33 |
| HARSNRAD_115KV_TB1 81005 | 17.33 -1.62 -1.55 | 11.18 -0.77 -2.53 | 12.22 -0.92 -2.07 | 9.99 -0.65 -2.46 | 9.90 -0.60 -2.64 | 15.00 -1.22 -2.04 | 18.16 -1.48 -3.52 | 18.14 -1.69 -3.57 | 17.61 -1.94 -2.06 | 17.26 -1.55 -1.23 | 17.63 -1.72 -1.03 | 17.72 -1.77 -0.85 | 18.11 -1.75 -1.02 | 20.11 -2.26 -0.65 | 23.34 -2.98 -0.38 | 25.81 -3.25 -0.05 | 24.04 -3.01 -1.31 | 27.20 -3.00 -2.15 | 29.35 -3.25 -2.75 | 31.72 -3.88 -3.55 | 32.75 -3.62 -3.47 | 28.14 -2.80 -2.11 | 24.33 -2.52 -1.42 | 19.02 -1.43 -2.13 |
| HARZA MOOSE___RIVER 24016 | 17.77 0.00 -0.38 | 10.01 -0.02 -0.61 | 11.55 -0.02 -0.50 | 8.75 -0.02 -0.60 | 8.50 0.01 -0.64 | 14.72 0.04 -0.50 | 17.04 0.06 -0.85 | 17.20 0.08 -0.87 | 17.93 -0.05 -0.50 | 17.67 -0.21 -0.30 | 18.33 -0.24 -0.25 | 18.60 -0.24 -0.21 | 18.81 -0.28 -0.25 | 21.61 -0.26 -0.16 | 26.86 -0.16 -1.06 | 29.96 -0.12 -1.08 | 27.05 0.03 -1.29 | 28.66 0.08 -0.52 | 31.63 0.24 -1.54 | 34.57 0.38 -2.14 | 35.23 0.30 -2.03 | 30.57 0.17 -1.57 | 26.76 0.03 -1.31 | 19.59 0.00 -1.27 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 18.23 -0.12 -0.96 | 10.90 -0.08 -1.57 | 12.26 -0.09 -1.28 | 9.64 -0.06 -1.52 | 9.43 -0.05 -1.64 | 15.38 -0.07 -1.27 | 18.27 -0.03 -2.18 | 18.44 -0.03 -2.21 | 18.73 -0.03 -1.28 | 18.26 -0.09 -0.77 | 18.87 -0.09 -0.64 | 19.07 -0.09 -0.53 | 19.40 -0.08 -0.64 | 22.08 -0.04 -0.41 | 26.18 0.00 -0.23 | 28.80 -0.23 -0.03 | 26.35 -0.21 -0.82 | 29.14 -0.25 -1.34 | 31.29 -0.27 -1.71 | 34.37 -0.26 -2.58 | 34.75 -0.30 -2.15 | 29.85 -0.29 -1.31 | 26.08 -0.23 -0.88 | 19.57 -0.07 -1.32 |
| HELLGATE_13_KV_LD 55870 | 28.39 1.36 -9.64 | 25.81 0.76 -15.63 | 24.74 0.89 -12.78 | 24.03 0.65 -15.20 | 24.79 0.63 -16.31 | 28.03 1.13 -12.71 | 39.90 1.24 -22.53 | 39.79 1.28 -22.25 | 31.84 1.50 -12.85 | 26.85 1.67 -7.60 | 26.41 1.74 -6.36 | 25.70 1.79 -5.28 | 26.93 1.77 -6.32 | 27.81 2.04 -4.06 | 30.62 2.34 -2.34 | 32.19 2.84 -0.34 | 36.27 2.45 -8.09 | 44.00 2.67 -13.28 | 49.47 2.66 -16.97 | 58.99 2.88 -24.05 | 56.53 2.93 -20.70 | 43.83 2.39 -12.61 | 36.38 2.19 -8.77 | 32.86 1.41 -13.13 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 28.39 1.36 -9.64 | 25.81 0.76 -15.63 | 24.74 0.89 -12.78 | 24.03 0.65 -15.20 | 24.79 0.63 -16.31 | 28.03 1.13 -12.71 | 39.90 1.24 -22.53 | 39.79 1.28 -22.25 | 31.84 1.50 -12.85 | 26.85 1.67 -7.60 | 26.41 1.74 -6.36 | 25.70 1.79 -5.28 | 26.93 1.77 -6.32 | 27.81 2.04 -4.06 | 30.62 2.34 -2.34 | 32.19 2.84 -0.34 | 36.27 2.45 -8.09 | 44.00 2.67 -13.28 | 49.47 2.66 -16.97 | 58.99 2.88 -24.05 | 56.53 2.93 -20.70 | 43.83 2.39 -12.61 | 36.38 2.19 -8.77 | 32.86 1.41 -13.13 |
| HEMPSTEAD____ 23647 | 28.30 1.27 -9.64 | 25.72 0.68 -15.62 | 24.65 0.81 -12.78 | 23.97 0.60 -15.19 | 24.73 0.57 -16.31 | 27.99 1.11 -12.70 | 39.84 1.18 -22.54 | 39.82 1.32 -22.25 | 31.70 1.42 -12.80 | 26.54 1.41 -7.56 | 26.25 1.59 -6.34 | 25.50 1.60 -5.26 | 26.59 1.45 -6.30 | 27.53 1.78 -4.03 | 30.36 2.10 -2.32 | 32.78 2.70 -1.08 | 36.13 2.27 -8.13 | 43.58 2.30 -13.23 | 49.22 2.48 -16.89 | 65.46 2.69 -30.72 | 75.36 2.76 -39.70 | 56.63 2.33 -25.47 | 36.30 2.14 -8.74 | 32.65 1.25 -13.08 |
| HEWLETT_69_KV_BK3 55828 | 28.49 1.46 -9.64 | 25.82 0.77 -15.62 | 24.76 0.92 -12.78 | 24.06 0.69 -15.19 | 24.81 0.65 -16.31 | 28.13 1.25 -12.70 | 39.97 1.31 -22.54 | 39.97 1.46 -22.25 | 31.91 1.57 -12.85 | 26.70 1.53 -7.59 | 26.49 1.76 -6.41 | 25.75 1.79 -5.33 | 26.81 1.60 -6.37 | 27.73 1.93 -4.08 | 30.62 2.31 -2.36 | 34.49 3.02 -2.47 | 36.63 2.57 -8.31 | 44.08 2.69 -13.33 | 49.65 2.84 -16.97 | 79.87 3.04 -44.77 | 115.79 3.13 -79.76 | 84.18 2.71 -52.64 | 36.69 2.44 -8.82 | 32.97 1.47 -13.19 |
| HICKLING___1 23621 | 19.43 -0.47 -2.51 | 13.26 -0.25 -4.09 | 14.13 -0.29 -3.35 | 11.97 -0.19 -3.98 | 11.95 -0.17 -4.27 | 17.17 -0.31 -3.30 | 21.51 -0.31 -5.69 | 21.61 -0.42 -5.78 | 20.28 -0.54 -3.34 | 19.08 -0.49 -1.99 | 19.40 -0.59 -1.67 | 19.42 -0.60 -1.38 | 19.93 -0.57 -1.66 | 22.08 -0.69 -1.06 | 25.67 -0.88 -0.61 | 28.10 -0.99 -0.08 | 26.93 -0.93 -2.12 | 30.64 -0.90 -3.48 | 33.40 -0.90 -4.45 | 36.43 -0.99 -5.37 | 37.60 -0.92 -5.62 | 31.64 -0.61 -3.42 | 27.06 -0.66 -2.30 | 21.45 -0.31 -3.44 |
| HICKLING___2 23622 | 19.43 -0.47 -2.51 | 13.26 -0.25 -4.09 | 14.13 -0.29 -3.35 | 11.97 -0.19 -3.98 | 11.95 -0.17 -4.27 | 17.17 -0.31 -3.30 | 21.51 -0.31 -5.69 | 21.61 -0.42 -5.78 | 20.28 -0.54 -3.34 | 19.08 -0.49 -1.99 | 19.40 -0.59 -1.67 | 19.42 -0.60 -1.38 | 19.93 -0.57 -1.66 | 22.08 -0.69 -1.06 | 25.67 -0.88 -0.61 | 28.10 -0.99 -0.08 | 26.93 -0.93 -2.12 | 30.64 -0.90 -3.48 | 33.40 -0.90 -4.45 | 36.43 -0.99 -5.37 | 37.60 -0.92 -5.62 | 31.64 -0.61 -3.42 | 27.06 -0.66 -2.30 | 21.45 -0.31 -3.44 |
| HIGH FALLS___HY 23754 | 27.79 0.92 -9.47 | 25.54 0.55 -15.58 | 24.46 0.65 -12.74 | 23.81 0.48 -15.15 | 24.57 0.46 -16.26 | 27.49 0.82 -12.49 | 37.89 0.90 -20.86 | 38.98 0.93 -21.80 | 31.13 1.07 -12.58 | 26.23 1.07 -7.58 | 25.82 1.15 -6.35 | 25.06 1.16 -5.27 | 26.30 1.15 -6.30 | 27.09 1.35 -4.03 | 29.84 1.58 -2.31 | 31.29 1.97 -0.32 | 35.59 1.78 -8.08 | 43.27 1.96 -13.25 | 48.85 2.06 -16.94 | 58.22 2.31 -23.86 | 55.81 2.37 -20.54 | 43.38 2.05 -12.51 | 35.99 1.81 -8.75 | 32.51 1.08 -13.11 |
| HIGH_RIVER___SOLAR 323847 | 31.68 0.97 -13.31 | 30.58 0.53 -20.63 | 28.55 0.61 -16.87 | 28.70 0.46 -20.07 | 29.85 0.46 -21.54 | 32.56 0.82 -17.56 | 53.92 1.00 -36.79 | 48.18 0.84 -31.08 | 36.33 0.75 -18.09 | 28.21 0.60 -10.04 | 27.33 0.60 -8.41 | 26.22 0.61 -6.97 | 27.89 0.70 -8.35 | 27.89 0.85 -5.33 | 30.09 1.09 -3.06 | 30.81 1.39 -0.42 | 37.75 1.31 -10.70 | 47.22 1.63 -17.54 | 54.25 1.97 -22.43 | 66.25 2.24 -31.96 | 62.78 2.37 -27.51 | 47.63 2.05 -16.76 | 38.75 1.73 -11.59 | 36.85 1.17 -17.36 |

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| HILLBURN___GT 23639 | 27.53 1.03 -9.11 | 24.78 0.57 -14.78 | 23.83 0.68 -12.09 | 23.06 0.51 -14.38 | 23.77 0.49 -15.43 | 27.08 0.88 -12.01 | 38.39 1.00 -21.26 | 38.32 1.02 -21.04 | 30.82 1.21 -12.13 | 26.02 1.27 -7.17 | 25.66 1.34 -6.01 | 24.98 1.36 -4.98 | 26.16 1.36 -5.96 | 27.09 1.56 -3.81 | 29.92 1.79 -2.19 | 31.51 2.20 -0.30 | 35.29 1.90 -7.64 | 42.58 1.99 -12.54 | 47.91 2.03 -16.03 | 57.12 2.24 -22.83 | 54.85 2.30 -19.65 | 42.78 1.99 -11.97 | 35.46 1.75 -8.28 | 31.80 1.08 -12.40 |
| HILLSIDE_115KV_TB1 80332 | 19.45 -0.54 -2.59 | 13.36 -0.29 -4.24 | 14.20 -0.33 -3.46 | 12.07 -0.22 -4.12 | 12.07 -0.20 -4.42 | 17.22 -0.38 -3.42 | 21.63 -0.39 -5.89 | 21.73 -0.50 -5.98 | 20.33 -0.61 -3.46 | 19.08 -0.56 -2.06 | 19.40 -0.64 -1.73 | 19.41 -0.65 -1.43 | 19.92 -0.64 -1.71 | 22.03 -0.78 -1.09 | 25.61 -0.96 -0.63 | 27.99 -1.10 -0.09 | 26.91 -1.03 -2.20 | 30.59 -1.07 -3.60 | 33.38 -1.07 -4.61 | 36.50 -1.22 -5.67 | 37.56 -1.15 -5.81 | 31.56 -0.81 -3.54 | 26.99 -0.81 -2.38 | 21.44 -0.44 -3.57 |
| HISHELDN_WT_PWR 323625 | 17.64 -1.57 -1.81 | 11.58 -0.79 -2.95 | 12.54 -0.94 -2.41 | 10.38 -0.66 -2.87 | 10.31 -0.62 -3.08 | 15.33 -1.23 -2.38 | 18.77 -1.45 -4.10 | 18.78 -1.64 -4.16 | 18.09 -1.87 -2.47 | 17.42 -1.63 -1.48 | 17.74 -1.81 -1.24 | 17.78 -1.88 -1.02 | 18.20 -1.87 -1.23 | 20.18 -2.32 -0.78 | 23.41 -2.98 -0.45 | 25.79 -3.28 -0.06 | 24.22 -3.09 -1.57 | 27.46 -3.17 -2.58 | 29.90 -3.25 -3.30 | 32.38 -3.75 -4.08 | 33.39 -3.55 -4.04 | 28.43 -2.85 -2.46 | 24.61 -2.52 -1.70 | 19.49 -1.37 -2.55 |
| HOLTSVILLE_IC_1 23690 | 28.47 1.44 -9.64 | 25.81 0.76 -15.62 | 24.79 0.94 -12.78 | 24.09 0.72 -15.19 | 24.84 0.68 -16.31 | 28.22 1.33 -12.70 | 40.06 1.40 -22.54 | 40.08 1.58 -22.25 | 31.80 1.52 -12.80 | 26.56 1.42 -7.56 | 26.27 1.63 -6.32 | 25.50 1.62 -5.25 | 26.37 1.24 -6.28 | 27.32 1.58 -4.01 | 30.14 1.89 -2.30 | 31.98 2.52 -0.45 | 35.93 2.14 -8.06 | 43.79 2.53 -13.21 | 49.64 2.89 -16.89 | 60.50 3.14 -25.31 | 60.39 3.23 -24.26 | 46.46 2.62 -15.01 | 36.51 2.37 -8.72 | 32.61 1.23 -13.07 |
| HOLTSVILLE_IC_10 23699 | 28.54 1.51 -9.64 | 25.84 0.80 -15.62 | 24.84 1.00 -12.78 | 24.13 0.76 -15.19 | 24.87 0.71 -16.31 | 28.28 1.39 -12.70 | 40.13 1.47 -22.54 | 40.16 1.66 -22.25 | 31.87 1.59 -12.80 | 26.61 1.48 -7.56 | 26.33 1.68 -6.32 | 25.56 1.68 -5.25 | 26.41 1.28 -6.28 | 27.36 1.63 -4.02 | 30.22 1.97 -2.30 | 32.11 2.64 -0.46 | 36.04 2.24 -8.06 | 43.96 2.69 -13.21 | 49.82 3.08 -16.89 | 60.82 3.36 -25.41 | 60.90 3.45 -24.54 | 46.82 2.80 -15.20 | 36.64 2.49 -8.72 | 32.68 1.30 -13.07 |
| HOLTSVILLE_IC_2 23691 | 28.47 1.44 -9.64 | 25.81 0.76 -15.62 | 24.79 0.94 -12.78 | 24.09 0.72 -15.19 | 24.84 0.68 -16.31 | 28.22 1.33 -12.70 | 40.06 1.40 -22.54 | 40.08 1.58 -22.25 | 31.80 1.52 -12.80 | 26.56 1.42 -7.56 | 26.27 1.63 -6.32 | 25.50 1.62 -5.25 | 26.37 1.24 -6.28 | 27.32 1.58 -4.01 | 30.14 1.89 -2.30 | 31.98 2.52 -0.45 | 35.93 2.14 -8.06 | 43.79 2.53 -13.21 | 49.64 2.89 -16.89 | 60.50 3.14 -25.31 | 60.39 3.23 -24.26 | 46.46 2.62 -15.01 | 36.51 2.37 -8.72 | 32.61 1.23 -13.07 |
| HOLTSVILLE_IC_3 23692 | 28.47 1.44 -9.64 | 25.81 0.76 -15.62 | 24.79 0.94 -12.78 | 24.09 0.72 -15.19 | 24.84 0.68 -16.31 | 28.22 1.33 -12.70 | 40.06 1.40 -22.54 | 40.08 1.58 -22.25 | 31.80 1.52 -12.80 | 26.56 1.42 -7.56 | 26.27 1.63 -6.32 | 25.50 1.62 -5.25 | 26.37 1.24 -6.28 | 27.32 1.58 -4.01 | 30.14 1.89 -2.30 | 31.98 2.52 -0.45 | 35.93 2.14 -8.06 | 43.79 2.53 -13.21 | 49.64 2.89 -16.89 | 60.50 3.14 -25.31 | 60.39 3.23 -24.26 | 46.46 2.62 -15.01 | 36.51 2.37 -8.72 | 32.61 1.23 -13.07 |
| HOLTSVILLE_IC_4 23693 | 28.47 1.44 -9.64 | 25.81 0.76 -15.62 | 24.79 0.94 -12.78 | 24.09 0.72 -15.19 | 24.84 0.68 -16.31 | 28.22 1.33 -12.70 | 40.06 1.40 -22.54 | 40.08 1.58 -22.25 | 31.80 1.52 -12.80 | 26.56 1.42 -7.56 | 26.27 1.63 -6.32 | 25.50 1.62 -5.25 | 26.37 1.24 -6.28 | 27.32 1.58 -4.01 | 30.14 1.89 -2.30 | 31.98 2.52 -0.45 | 35.93 2.14 -8.06 | 43.79 2.53 -13.21 | 49.64 2.89 -16.89 | 60.50 3.14 -25.31 | 60.39 3.23 -24.26 | 46.46 2.62 -15.01 | 36.51 2.37 -8.72 | 32.61 1.23 -13.07 |
| HOLTSVILLE_IC_5 23694 | 28.47 1.44 -9.64 | 25.81 0.76 -15.62 | 24.79 0.94 -12.78 | 24.09 0.72 -15.19 | 24.84 0.68 -16.31 | 28.22 1.33 -12.70 | 40.06 1.40 -22.54 | 40.08 1.58 -22.25 | 31.80 1.52 -12.80 | 26.56 1.42 -7.56 | 26.27 1.63 -6.32 | 25.50 1.62 -5.25 | 26.37 1.24 -6.28 | 27.32 1.58 -4.01 | 30.14 1.89 -2.30 | 31.98 2.52 -0.45 | 35.93 2.14 -8.06 | 43.79 2.53 -13.21 | 49.64 2.89 -16.89 | 60.50 3.14 -25.31 | 60.39 3.23 -24.26 | 46.46 2.62 -15.01 | 36.51 2.37 -8.72 | 32.61 1.23 -13.07 |
| HOLTSVILLE_IC_6 23695 | 28.54 1.51 -9.64 | 25.84 0.80 -15.62 | 24.84 1.00 -12.78 | 24.13 0.76 -15.19 | 24.87 0.71 -16.31 | 28.28 1.39 -12.70 | 40.13 1.47 -22.54 | 40.16 1.66 -22.25 | 31.87 1.59 -12.80 | 26.61 1.48 -7.56 | 26.33 1.68 -6.32 | 25.56 1.68 -5.25 | 26.41 1.28 -6.28 | 27.36 1.63 -4.02 | 30.22 1.97 -2.30 | 32.11 2.64 -0.46 | 36.04 2.24 -8.06 | 43.96 2.69 -13.21 | 49.82 3.08 -16.89 | 60.82 3.36 -25.41 | 60.90 3.45 -24.54 | 46.82 2.80 -15.20 | 36.64 2.49 -8.72 | 32.68 1.30 -13.07 |
| HOLTSVILLE_IC_7 23696 | 28.54 1.51 -9.64 | 25.84 0.80 -15.62 | 24.84 1.00 -12.78 | 24.13 0.76 -15.19 | 24.87 0.71 -16.31 | 28.28 1.39 -12.70 | 40.13 1.47 -22.54 | 40.16 1.66 -22.25 | 31.87 1.59 -12.80 | 26.61 1.48 -7.56 | 26.33 1.68 -6.32 | 25.56 1.68 -5.25 | 26.41 1.28 -6.28 | 27.36 1.63 -4.02 | 30.22 1.97 -2.30 | 32.11 2.64 -0.46 | 36.04 2.24 -8.06 | 43.96 2.69 -13.21 | 49.82 3.08 -16.89 | 60.82 3.36 -25.41 | 60.90 3.45 -24.54 | 46.82 2.80 -15.20 | 36.64 2.49 -8.72 | 32.68 1.30 -13.07 |
| HOLTSVILLE_IC_8 23697 | 28.54 1.51 -9.64 | 25.84 0.80 -15.62 | 24.84 1.00 -12.78 | 24.13 0.76 -15.19 | 24.87 0.71 -16.31 | 28.28 1.39 -12.70 | 40.13 1.47 -22.54 | 40.16 1.66 -22.25 | 31.87 1.59 -12.80 | 26.61 1.48 -7.56 | 26.33 1.68 -6.32 | 25.56 1.68 -5.25 | 26.41 1.28 -6.28 | 27.36 1.63 -4.02 | 30.22 1.97 -2.30 | 32.11 2.64 -0.46 | 36.04 2.24 -8.06 | 43.96 2.69 -13.21 | 49.82 3.08 -16.89 | 60.82 3.36 -25.41 | 60.90 3.45 -24.54 | 46.82 2.80 -15.20 | 36.64 2.49 -8.72 | 32.68 1.30 -13.07 |
| HOLTSVILLE_IC_9 23698 | 28.54 1.51 -9.64 | 25.84 0.80 -15.62 | 24.84 1.00 -12.78 | 24.13 0.76 -15.19 | 24.87 0.71 -16.31 | 28.28 1.39 -12.70 | 40.13 1.47 -22.54 | 40.16 1.66 -22.25 | 31.87 1.59 -12.80 | 26.61 1.48 -7.56 | 26.33 1.68 -6.32 | 25.56 1.68 -5.25 | 26.41 1.28 -6.28 | 27.36 1.63 -4.02 | 30.22 1.97 -2.30 | 32.11 2.64 -0.46 | 36.04 2.24 -8.06 | 43.96 2.69 -13.21 | 49.82 3.08 -16.89 | 60.82 3.36 -25.41 | 60.90 3.45 -24.54 | 46.82 2.80 -15.20 | 36.64 2.49 -8.72 | 32.68 1.30 -13.07 |
| HOMER_HL_115KV_TB2 355744 | 17.69 -1.57 -1.86 | 11.68 -0.78 -3.04 | 12.64 -0.92 -2.49 | 10.48 -0.65 -2.96 | 10.43 -0.60 -3.18 | 15.46 -1.18 -2.46 | 19.03 -1.32 -4.23 | 19.01 -1.54 -4.30 | 18.17 -1.80 -2.48 | 17.53 -1.53 -1.48 | 17.87 -1.69 -1.24 | 17.93 -1.73 -1.03 | 18.36 -1.71 -1.23 | 20.33 -2.17 -0.79 | 23.62 -2.78 -0.45 | 26.02 -3.05 -0.06 | 24.46 -2.86 -1.58 | 27.70 -2.95 -2.59 | 29.97 -3.19 -3.31 | 32.62 -3.65 -4.22 | 33.49 -3.59 -4.18 | 28.69 -2.68 -2.54 | 24.62 -2.52 -1.71 | 19.47 -1.41 -2.56 |
| HOWARD_WT_PWR 323690 | 18.08 -1.41 -2.09 | 12.06 -0.78 -3.42 | 12.96 -0.91 -2.80 | 10.86 -0.64 -3.33 | 10.83 -0.60 -3.57 | 15.88 -1.06 -2.76 | 19.70 -1.18 -4.75 | 19.73 -1.35 -4.83 | 18.75 -1.61 -2.87 | 17.71 -1.58 -1.71 | 17.99 -1.76 -1.44 | 18.00 -1.83 -1.19 | 18.46 -1.81 -1.43 | 20.46 -2.17 -0.91 | 23.75 -2.72 -0.52 | 26.00 -3.08 -0.07 | 24.76 -2.80 -1.83 | 28.22 -2.83 -3.00 | 30.85 -2.84 -3.83 | 33.26 -3.11 -4.31 | 34.70 -2.90 -4.70 | 29.29 -2.39 -2.86 | 25.22 -2.19 -1.98 | 20.31 -0.97 -2.97 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HQ_GEN_CEDARS 23644 | 17.12 -0.28 0.00 | 9.27 -0.15 0.00 | 10.88 -0.19 0.00 | 8.01 -0.16 0.00 | 7.68 -0.17 0.00 | 13.87 -0.31 0.00 | 15.71 -0.42 0.00 | 15.90 -0.36 0.00 | 17.05 -0.44 0.00 | 17.07 -0.51 0.00 | 17.80 -0.51 0.00 | 18.09 -0.54 0.00 | 18.30 -0.55 0.00 | 21.06 -0.65 0.00 | 26.73 -0.80 -1.59 | 29.93 -0.81 -1.74 | 26.65 -0.67 -1.58 | 27.46 -0.59 0.00 | 30.65 -0.63 -1.42 | 33.40 -0.54 -1.90 | 34.25 -0.59 -1.94 | 29.87 -0.69 -1.73 | 26.33 -0.66 -1.57 | 19.03 -0.51 -1.23 |
| HQ_GEN_CEDARS_PROXY 323590 | 17.12 -0.28 0.00 | 9.27 -0.15 0.00 | 10.88 -0.19 0.00 | 8.01 -0.16 0.00 | 7.68 -0.17 0.00 | 13.87 -0.31 0.00 | 15.71 -0.42 0.00 | 15.90 -0.36 0.00 | 17.01 -0.47 0.00 | 17.05 -0.53 0.00 | 17.80 -0.51 0.00 | 18.09 -0.54 0.00 | 18.30 -0.55 0.00 | 21.07 -0.65 0.00 | 26.73 -0.80 -1.59 | 29.93 -0.81 -1.74 | 26.65 -0.67 -1.58 | 27.46 -0.59 0.00 | 30.64 -0.63 -1.42 | 33.40 -0.55 -1.90 | 34.25 -0.59 -1.94 | 29.87 -0.69 -1.73 | 26.33 -0.66 -1.57 | 19.03 -0.51 -1.23 |
| HQ_GEN_IMPORT 323601 | 17.21 -0.19 0.00 | 9.32 -0.10 0.00 | 10.94 -0.13 0.00 | 8.07 -0.11 0.00 | 7.74 -0.11 0.00 | 13.98 -0.20 0.00 | 15.88 -0.24 0.00 | 16.03 -0.23 0.00 | 17.22 -0.26 0.00 | 17.32 -0.26 0.00 | 18.04 -0.27 0.00 | 18.36 -0.28 0.00 | 18.56 -0.28 0.00 | 21.37 -0.35 0.00 | 25.53 -0.42 0.00 | 28.57 -0.43 0.00 | 25.38 -0.36 0.00 | 27.69 -0.37 0.00 | 29.46 -0.39 0.00 | 31.67 -0.38 0.00 | 32.51 -0.39 0.00 | 28.42 -0.40 0.00 | 25.05 -0.38 0.00 | 18.04 -0.27 0.00 |
| HQ_GEN_WHEEL 23651 | 17.21 -0.19 0.00 | 9.32 -0.10 0.00 | 10.94 -0.13 0.00 | 8.07 -0.11 0.00 | 7.74 -0.11 0.00 | 13.98 -0.20 0.00 | 15.88 -0.24 0.00 | 16.03 -0.23 0.00 | 17.22 -0.26 0.00 | 17.32 -0.26 0.00 | 18.04 -0.27 0.00 | 18.36 -0.28 0.00 | 18.56 -0.28 0.00 | 21.37 -0.35 0.00 | 25.53 -0.42 0.00 | 28.57 -0.43 0.00 | 25.38 -0.36 0.00 | 27.69 -0.37 0.00 | 29.46 -0.39 0.00 | 31.67 -0.38 0.00 | 32.51 -0.39 0.00 | 28.42 -0.40 0.00 | 25.05 -0.38 0.00 | 18.04 -0.27 0.00 |
| HUDSON_AVE_GT_3 23810 | 28.25 1.22 -9.63 | 25.73 0.69 -15.62 | 24.64 0.80 -12.77 | 23.95 0.59 -15.19 | 24.72 0.57 -16.30 | 27.90 1.02 -12.70 | 39.83 1.18 -22.53 | 39.72 1.22 -22.24 | 31.75 1.42 -12.85 | 26.73 1.56 -7.59 | 26.30 1.63 -6.36 | 25.57 1.66 -5.27 | 26.81 1.66 -6.31 | 27.68 1.91 -4.05 | 30.46 2.18 -2.33 | 32.01 2.67 -0.34 | 36.17 2.34 -8.09 | 43.83 2.50 -13.28 | 49.32 2.51 -16.96 | 58.86 2.76 -24.05 | 56.40 2.80 -20.70 | 43.74 2.31 -12.61 | 36.28 2.08 -8.76 | 32.73 1.28 -13.13 |
| HUDSON_AVE_GT_4 23540 | 28.25 1.22 -9.63 | 25.73 0.69 -15.62 | 24.64 0.80 -12.77 | 23.95 0.59 -15.19 | 24.72 0.57 -16.30 | 27.90 1.02 -12.70 | 39.83 1.18 -22.53 | 39.72 1.22 -22.24 | 31.75 1.42 -12.85 | 26.73 1.56 -7.59 | 26.30 1.63 -6.36 | 25.57 1.66 -5.27 | 26.81 1.66 -6.31 | 27.68 1.91 -4.05 | 30.46 2.18 -2.33 | 32.01 2.67 -0.34 | 36.17 2.34 -8.09 | 43.83 2.50 -13.28 | 49.32 2.51 -16.96 | 58.86 2.76 -24.05 | 56.40 2.80 -20.70 | 43.74 2.31 -12.61 | 36.28 2.08 -8.76 | 32.73 1.28 -13.13 |
| HUDSON_AVE_GT_5 23657 | 28.25 1.22 -9.63 | 25.73 0.69 -15.62 | 24.64 0.80 -12.77 | 23.95 0.59 -15.19 | 24.72 0.57 -16.30 | 27.90 1.02 -12.70 | 39.83 1.18 -22.53 | 39.72 1.22 -22.24 | 31.75 1.42 -12.85 | 26.73 1.56 -7.59 | 26.30 1.63 -6.36 | 25.57 1.66 -5.27 | 26.81 1.66 -6.31 | 27.68 1.91 -4.05 | 30.46 2.18 -2.33 | 32.01 2.67 -0.34 | 36.17 2.34 -8.09 | 43.83 2.50 -13.28 | 49.32 2.51 -16.96 | 58.86 2.76 -24.05 | 56.40 2.80 -20.70 | 43.74 2.31 -12.61 | 36.28 2.08 -8.76 | 32.73 1.28 -13.13 |
| HUDSON_AVE_10 24168 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.62 0.77 -12.77 | 23.94 0.57 -15.19 | 24.71 0.55 -16.30 | 27.87 0.99 -12.70 | 39.80 1.14 -22.53 | 39.69 1.19 -22.24 | 31.73 1.40 -12.85 | 26.72 1.55 -7.59 | 26.28 1.61 -6.36 | 25.55 1.64 -5.27 | 26.79 1.64 -6.31 | 27.66 1.89 -4.05 | 30.43 2.15 -2.33 | 31.98 2.64 -0.34 | 36.12 2.29 -8.09 | 43.77 2.44 -13.28 | 49.26 2.45 -16.96 | 58.82 2.72 -24.05 | 56.37 2.76 -20.70 | 43.68 2.25 -12.61 | 36.25 2.06 -8.76 | 32.71 1.26 -13.13 |
| HUDSON___115KV_TB 4 355613 | 28.70 0.78 -10.52 | 28.34 0.36 -18.56 | 26.66 0.41 -15.18 | 26.54 0.31 -18.05 | 27.53 0.31 -19.37 | 28.64 0.60 -13.87 | 32.57 0.77 -15.67 | 40.73 0.72 -23.76 | 31.80 0.77 -13.55 | 27.14 0.53 -9.03 | 26.39 0.51 -7.56 | 25.41 0.50 -6.27 | 26.88 0.53 -7.51 | 27.12 0.61 -4.79 | 29.29 0.60 -2.75 | 30.45 1.07 -0.38 | 36.21 0.85 -9.62 | 44.84 1.01 -15.78 | 51.22 1.19 -20.18 | 62.06 1.31 -28.69 | 59.02 1.41 -24.70 | 45.08 1.21 -15.04 | 36.92 1.07 -10.43 | 34.57 0.64 -15.62 |
| HUNTER MOUNT___DRP 323613 | 28.67 0.80 -10.47 | 27.87 0.31 -18.14 | 26.26 0.35 -14.83 | 26.08 0.27 -17.64 | 27.05 0.27 -18.93 | 28.56 0.58 -13.80 | 34.55 0.84 -17.59 | 40.78 0.76 -23.76 | 31.89 0.80 -13.60 | 26.79 0.39 -8.82 | 26.07 0.37 -7.39 | 25.12 0.35 -6.13 | 26.56 0.38 -7.34 | 26.84 0.43 -4.68 | 29.05 0.42 -2.69 | 30.42 1.04 -0.37 | 35.84 0.69 -9.40 | 44.34 0.87 -15.42 | 50.65 1.07 -19.72 | 61.25 1.19 -28.01 | 58.30 1.28 -24.11 | 44.64 1.12 -14.69 | 36.58 0.97 -10.19 | 34.15 0.57 -15.26 |
| HUNTINGTON_RES_REC 323705 | 28.44 1.41 -9.64 | 25.79 0.74 -15.62 | 24.74 0.90 -12.78 | 24.06 0.69 -15.19 | 24.81 0.64 -16.31 | 28.15 1.26 -12.70 | 39.95 1.29 -22.54 | 39.97 1.46 -22.25 | 31.78 1.50 -12.80 | 26.58 1.44 -7.56 | 26.29 1.65 -6.32 | 25.52 1.64 -5.25 | 26.48 1.36 -6.28 | 27.45 1.72 -4.02 | 30.30 2.05 -2.30 | 32.17 2.70 -0.46 | 36.12 2.32 -8.06 | 43.70 2.44 -13.21 | 49.49 2.74 -16.89 | 60.48 3.01 -25.42 | 60.54 3.06 -24.58 | 46.61 2.56 -15.22 | 36.49 2.34 -8.72 | 32.70 1.32 -13.07 |
| HUNTLEY___63 23557 | 17.46 -1.53 -1.60 | 11.30 -0.73 -2.61 | 12.34 -0.86 -2.13 | 10.10 -0.60 -2.54 | 10.02 -0.56 -2.72 | 15.12 -1.16 -2.10 | 18.33 -1.42 -3.62 | 18.33 -1.61 -3.68 | 17.76 -1.85 -2.13 | 17.37 -1.48 -1.27 | 17.75 -1.63 -1.06 | 17.84 -1.68 -0.88 | 18.24 -1.66 -1.05 | 20.26 -2.13 -0.67 | 23.51 -2.83 -0.39 | 25.95 -3.10 -0.05 | 24.21 -2.88 -1.35 | 27.44 -2.83 -2.22 | 29.58 -3.10 -2.83 | 31.99 -3.72 -3.66 | 32.99 -3.49 -3.58 | 28.32 -2.68 -2.18 | 24.48 -2.42 -1.46 | 19.17 -1.34 -2.19 |
| HUNTLEY___64 23558 | 17.46 -1.53 -1.60 | 11.30 -0.73 -2.61 | 12.34 -0.86 -2.13 | 10.10 -0.60 -2.54 | 10.02 -0.56 -2.72 | 15.12 -1.16 -2.10 | 18.33 -1.42 -3.62 | 18.33 -1.61 -3.68 | 17.76 -1.85 -2.13 | 17.37 -1.48 -1.27 | 17.75 -1.63 -1.06 | 17.84 -1.68 -0.88 | 18.24 -1.66 -1.05 | 20.26 -2.13 -0.67 | 23.51 -2.83 -0.39 | 25.95 -3.10 -0.05 | 24.21 -2.88 -1.35 | 27.44 -2.83 -2.22 | 29.58 -3.10 -2.83 | 31.99 -3.72 -3.66 | 32.99 -3.49 -3.58 | 28.32 -2.68 -2.18 | 24.48 -2.42 -1.46 | 19.17 -1.34 -2.19 |
| HUNTLEY___65 23559 | 17.46 -1.53 -1.60 | 11.30 -0.73 -2.61 | 12.34 -0.86 -2.13 | 10.10 -0.60 -2.54 | 10.02 -0.56 -2.72 | 15.12 -1.16 -2.10 | 18.33 -1.42 -3.62 | 18.33 -1.61 -3.68 | 17.76 -1.85 -2.13 | 17.37 -1.48 -1.27 | 17.75 -1.63 -1.06 | 17.84 -1.68 -0.88 | 18.24 -1.66 -1.05 | 20.26 -2.13 -0.67 | 23.51 -2.83 -0.39 | 25.95 -3.10 -0.05 | 24.21 -2.88 -1.35 | 27.44 -2.83 -2.22 | 29.58 -3.10 -2.83 | 31.99 -3.72 -3.66 | 32.99 -3.49 -3.58 | 28.32 -2.68 -2.18 | 24.48 -2.42 -1.46 | 19.17 -1.34 -2.19 |
| HUNTLEY___66 23560 | 17.46 -1.53 -1.60 | 11.30 -0.73 -2.61 | 12.34 -0.86 -2.13 | 10.10 -0.60 -2.54 | 10.02 -0.56 -2.72 | 15.12 -1.16 -2.10 | 18.33 -1.42 -3.62 | 18.33 -1.61 -3.68 | 17.76 -1.85 -2.13 | 17.37 -1.48 -1.27 | 17.75 -1.63 -1.06 | 17.84 -1.68 -0.88 | 18.24 -1.66 -1.05 | 20.26 -2.13 -0.67 | 23.51 -2.83 -0.39 | 25.95 -3.10 -0.05 | 24.21 -2.88 -1.35 | 27.44 -2.83 -2.22 | 29.58 -3.10 -2.83 | 31.99 -3.72 -3.66 | 32.99 -3.49 -3.58 | 28.32 -2.68 -2.18 | 24.48 -2.42 -1.46 | 19.17 -1.34 -2.19 |

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| HUNTLEY___67 23561 | 17.45 -1.57 -1.62 | 11.32 -0.75 -2.65 | 12.34 -0.90 -2.17 | 10.12 -0.63 -2.58 | 10.03 -0.59 -2.77 | 15.13 -1.19 -2.14 | 18.38 -1.44 -3.69 | 18.37 -1.63 -3.74 | 17.78 -1.87 -2.16 | 17.38 -1.49 -1.29 | 17.73 -1.67 -1.08 | 17.82 -1.71 -0.90 | 18.22 -1.70 -1.07 | 20.23 -2.17 -0.69 | 23.46 -2.88 -0.39 | 25.90 -3.16 -0.06 | 24.15 -2.96 -1.37 | 27.39 -2.92 -2.26 | 29.57 -3.16 -2.88 | 31.95 -3.81 -3.71 | 32.95 -3.59 -3.64 | 28.30 -2.74 -2.22 | 24.45 -2.47 -1.49 | 19.16 -1.39 -2.23 |
| HUNTLEY___68 23562 | 17.45 -1.57 -1.62 | 11.32 -0.75 -2.65 | 12.34 -0.90 -2.17 | 10.12 -0.63 -2.58 | 10.03 -0.59 -2.77 | 15.13 -1.19 -2.14 | 18.38 -1.44 -3.69 | 18.37 -1.63 -3.74 | 17.78 -1.87 -2.16 | 17.38 -1.49 -1.29 | 17.73 -1.67 -1.08 | 17.82 -1.71 -0.90 | 18.22 -1.70 -1.07 | 20.23 -2.17 -0.69 | 23.46 -2.88 -0.39 | 25.90 -3.16 -0.06 | 24.15 -2.96 -1.37 | 27.39 -2.92 -2.26 | 29.57 -3.16 -2.88 | 31.95 -3.81 -3.71 | 32.95 -3.59 -3.64 | 28.30 -2.74 -2.22 | 24.45 -2.47 -1.49 | 19.16 -1.39 -2.23 |
| HYLAND___LFG 323620 | 18.78 -0.38 -1.76 | 12.09 -0.21 -2.88 | 13.20 -0.22 -2.36 | 10.85 -0.13 -2.80 | 10.77 -0.09 -3.01 | 16.35 -0.16 -2.33 | 19.89 -0.24 -4.00 | 19.79 -0.54 -4.07 | 19.03 -0.87 -2.42 | 18.06 -0.97 -1.44 | 18.33 -1.19 -1.21 | 18.37 -1.27 -1.00 | 18.76 -1.28 -1.20 | 20.92 -1.56 -0.77 | 23.58 -2.80 -0.44 | 26.14 -2.93 -0.06 | 24.68 -2.60 -1.54 | 28.25 -2.33 -2.52 | 31.16 -1.91 -3.22 | 34.18 -1.76 -3.90 | 36.49 -0.36 -3.95 | 30.95 -0.29 -2.41 | 26.71 -0.38 -1.67 | 20.76 -0.05 -2.49 |
| INDECK___CORINTH 23802 | 31.19 1.01 -12.78 | 29.50 0.54 -19.54 | 27.67 0.62 -15.98 | 27.64 0.47 -19.00 | 28.72 0.47 -20.40 | 31.88 0.84 -16.86 | 54.15 1.05 -36.98 | 47.16 0.96 -29.95 | 35.90 0.96 -17.45 | 27.94 0.86 -9.50 | 27.17 0.90 -7.95 | 26.16 0.93 -6.60 | 27.74 1.00 -7.90 | 27.93 1.17 -5.04 | 30.24 1.40 -2.89 | 31.23 1.83 -0.40 | 36.86 1.00 -10.12 | 45.80 1.15 -16.60 | 52.42 1.34 -21.23 | 63.76 1.48 -30.24 | 60.48 1.55 -26.03 | 45.92 1.24 -15.85 | 37.46 1.07 -10.97 | 35.42 0.68 -16.43 |
| INDECK___ILION 23567 | 17.36 -0.03 0.00 | 9.40 -0.02 0.00 | 11.04 -0.03 0.00 | 8.15 -0.02 0.00 | 7.84 -0.02 0.00 | 14.15 -0.03 0.00 | 16.09 -0.03 0.00 | 16.22 -0.03 0.00 | 17.43 -0.05 0.00 | 17.51 -0.07 0.00 | 18.24 -0.07 0.00 | 18.56 -0.07 0.00 | 18.75 -0.09 0.00 | 21.63 -0.09 0.00 | 25.87 -0.08 0.00 | 28.92 -0.09 0.00 | 25.66 -0.08 0.00 | 27.91 -0.14 0.00 | 29.73 -0.12 0.00 | 31.92 -0.13 0.00 | 32.74 -0.16 0.00 | 28.65 -0.17 0.00 | 25.25 -0.18 0.00 | 18.15 -0.16 0.00 |
| INDECK___OLEAN 23982 | 17.69 -1.57 -1.86 | 11.68 -0.78 -3.04 | 12.64 -0.92 -2.49 | 10.48 -0.65 -2.96 | 10.43 -0.60 -3.18 | 15.46 -1.18 -2.46 | 19.02 -1.34 -4.23 | 19.01 -1.54 -4.30 | 18.27 -1.77 -2.55 | 17.57 -1.53 -1.52 | 17.91 -1.68 -1.28 | 17.96 -1.73 -1.06 | 18.39 -1.71 -1.27 | 20.36 -2.17 -0.81 | 23.64 -2.78 -0.47 | 26.02 -3.04 -0.07 | 24.50 -2.86 -1.62 | 27.66 -3.06 -2.66 | 30.03 -3.22 -3.40 | 32.62 -3.65 -4.22 | 33.52 -3.55 -4.18 | 28.66 -2.71 -2.54 | 24.67 -2.52 -1.76 | 19.54 -1.41 -2.63 |
| INDECK___OSWEGO 23783 | 17.87 -0.33 -0.81 | 10.54 -0.20 -1.32 | 11.92 -0.22 -1.08 | 9.30 -0.16 -1.28 | 9.08 -0.15 -1.37 | 14.99 -0.25 -1.06 | 17.71 -0.24 -1.83 | 17.85 -0.26 -1.86 | 18.29 -0.30 -1.10 | 17.90 -0.33 -0.66 | 18.50 -0.37 -0.55 | 18.72 -0.37 -0.46 | 19.03 -0.36 -0.55 | 21.67 -0.69 -0.35 | 25.73 -0.42 -0.20 | 28.31 -0.72 -0.03 | 25.82 -0.62 -0.70 | 28.47 -0.73 -1.15 | 30.57 -0.75 -1.47 | 33.37 -0.77 -2.09 | 33.88 -0.82 -1.80 | 29.20 -0.72 -1.10 | 25.57 -0.61 -0.76 | 19.12 -0.33 -1.14 |
| INDECK___YERKES 23781 | 17.48 -1.51 -1.60 | 11.31 -0.72 -2.61 | 12.35 -0.85 -2.13 | 10.11 -0.60 -2.54 | 10.02 -0.55 -2.72 | 15.12 -1.16 -2.10 | 18.33 -1.42 -3.62 | 18.34 -1.59 -3.68 | 17.87 -1.80 -2.19 | 17.43 -1.46 -1.30 | 17.80 -1.61 -1.09 | 17.86 -1.68 -0.91 | 18.29 -1.64 -1.08 | 20.28 -2.13 -0.69 | 23.52 -2.83 -0.40 | 25.98 -3.08 -0.06 | 24.22 -2.91 -1.39 | 27.33 -3.00 -2.28 | 29.63 -3.13 -2.92 | 31.99 -3.72 -3.66 | 32.99 -3.49 -3.58 | 28.24 -2.77 -2.18 | 24.49 -2.44 -1.51 | 19.25 -1.32 -2.26 |
| INDIAN POINT_GT_1 24139 | 27.97 1.04 -9.53 | 25.46 0.58 -15.45 | 24.39 0.69 -12.64 | 23.71 0.51 -15.03 | 24.47 0.49 -16.13 | 27.61 0.87 -12.56 | 39.40 1.00 -22.28 | 39.28 1.02 -22.00 | 31.39 1.19 -12.72 | 26.36 1.27 -7.51 | 25.95 1.34 -6.29 | 25.21 1.36 -5.22 | 26.45 1.36 -6.25 | 27.27 1.56 -3.99 | 30.00 1.76 -2.29 | 31.53 2.20 -0.32 | 35.65 1.90 -8.01 | 43.21 2.02 -13.14 | 48.73 2.09 -16.79 | 58.13 2.28 -23.80 | 55.73 2.34 -20.49 | 43.29 1.99 -12.48 | 35.86 1.75 -8.68 | 32.37 1.06 -13.00 |
| INDIAN POINT_GT_2 23659 | 27.97 1.04 -9.53 | 25.46 0.58 -15.45 | 24.39 0.69 -12.64 | 23.71 0.51 -15.03 | 24.47 0.49 -16.13 | 27.61 0.87 -12.56 | 39.40 1.00 -22.28 | 39.28 1.02 -22.00 | 31.39 1.19 -12.72 | 26.36 1.27 -7.51 | 25.95 1.34 -6.29 | 25.21 1.36 -5.22 | 26.45 1.36 -6.25 | 27.27 1.56 -3.99 | 30.00 1.76 -2.29 | 31.53 2.20 -0.32 | 35.65 1.90 -8.01 | 43.21 2.02 -13.14 | 48.73 2.09 -16.79 | 58.13 2.28 -23.80 | 55.73 2.34 -20.49 | 43.29 1.99 -12.48 | 35.86 1.75 -8.68 | 32.37 1.06 -13.00 |
| INDIAN POINT_GT_3 24019 | 27.97 1.04 -9.53 | 25.46 0.58 -15.45 | 24.39 0.69 -12.64 | 23.71 0.51 -15.03 | 24.47 0.49 -16.13 | 27.61 0.87 -12.56 | 39.40 1.00 -22.28 | 39.28 1.02 -22.00 | 31.39 1.19 -12.72 | 26.36 1.27 -7.51 | 25.95 1.34 -6.29 | 25.21 1.36 -5.22 | 26.45 1.36 -6.25 | 27.27 1.56 -3.99 | 30.00 1.76 -2.29 | 31.53 2.20 -0.32 | 35.65 1.90 -8.01 | 43.21 2.02 -13.14 | 48.73 2.09 -16.79 | 58.13 2.28 -23.80 | 55.73 2.34 -20.49 | 43.29 1.99 -12.48 | 35.86 1.75 -8.68 | 32.37 1.06 -13.00 |
| INDIAN POINT___2 23530 | 27.81 1.03 -9.39 | 25.22 0.57 -15.22 | 24.19 0.68 -12.45 | 23.48 0.50 -14.80 | 24.22 0.48 -15.89 | 27.42 0.87 -12.37 | 39.04 0.98 -21.93 | 38.94 1.01 -21.67 | 31.14 1.17 -12.49 | 26.22 1.27 -7.38 | 25.81 1.32 -6.18 | 25.10 1.34 -5.12 | 26.32 1.34 -6.14 | 27.18 1.54 -3.92 | 29.96 1.77 -2.25 | 31.49 2.18 -0.31 | 35.48 1.88 -7.86 | 42.92 1.96 -12.90 | 48.37 2.03 -16.49 | 57.77 2.24 -23.48 | 55.38 2.27 -20.21 | 43.10 1.96 -12.31 | 35.68 1.73 -8.52 | 32.14 1.06 -12.76 |
| INDIAN POINT___3 23531 | 27.88 1.01 -9.47 | 25.34 0.57 -15.36 | 24.29 0.66 -12.56 | 23.61 0.50 -14.94 | 24.36 0.48 -16.03 | 27.53 0.87 -12.49 | 39.25 0.98 -22.14 | 39.14 1.01 -21.87 | 31.38 1.17 -12.72 | 26.36 1.27 -7.52 | 25.93 1.32 -6.29 | 25.20 1.34 -5.22 | 26.43 1.34 -6.25 | 27.25 1.54 -4.00 | 29.98 1.74 -2.29 | 31.50 2.18 -0.32 | 35.63 1.88 -8.01 | 43.16 1.96 -13.14 | 48.68 2.03 -16.80 | 58.10 2.24 -23.81 | 55.67 2.27 -20.50 | 43.24 1.93 -12.48 | 35.83 1.73 -8.68 | 32.38 1.06 -13.00 |
| INGHAM_C_115KV_TB7 356103 | 17.14 -0.26 0.00 | 9.27 -0.15 0.00 | 10.89 -0.18 0.00 | 8.04 -0.14 0.00 | 7.73 -0.13 0.00 | 13.97 -0.21 0.00 | 15.85 -0.27 0.00 | 15.98 -0.28 0.00 | 17.17 -0.31 0.00 | 17.25 -0.33 0.00 | 17.97 -0.35 0.00 | 18.28 -0.35 0.00 | 18.47 -0.38 0.00 | 21.28 -0.43 0.00 | 25.43 -0.52 0.00 | 28.39 -0.61 0.00 | 25.20 -0.54 0.00 | 27.38 -0.67 0.00 | 29.16 -0.69 0.00 | 31.35 -0.71 0.00 | 32.11 -0.79 0.00 | 28.08 -0.75 0.00 | 24.74 -0.69 0.00 | 17.75 -0.57 0.00 |
| IP CORINTH___1 23988 | 31.19 1.01 -12.78 | 29.50 0.54 -19.54 | 27.67 0.62 -15.98 | 27.64 0.47 -19.00 | 28.72 0.47 -20.40 | 31.88 0.84 -16.86 | 54.15 1.05 -36.98 | 47.16 0.96 -29.95 | 35.90 0.94 -17.47 | 27.95 0.86 -9.51 | 27.17 0.90 -7.96 | 26.17 0.93 -6.60 | 27.75 1.00 -7.91 | 27.94 1.17 -5.05 | 30.24 1.40 -2.89 | 31.23 1.83 -0.40 | 37.00 1.13 -10.13 | 45.96 1.29 -16.61 | 52.62 1.52 -21.25 | 63.92 1.63 -30.24 | 60.64 1.71 -26.03 | 46.09 1.41 -15.85 | 37.60 1.20 -10.98 | 35.53 0.77 -16.44 |

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|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| IP___TICONDEROGA 23804 | 31.69 1.51 -12.78 | 29.76 0.82 -19.52 | 27.96 0.93 -15.97 | 27.86 0.70 -18.99 | 28.95 0.71 -20.38 | 32.33 1.29 -16.86 | 54.84 1.63 -37.09 | 47.67 1.46 -29.95 | 36.36 1.40 -17.48 | 28.31 1.23 -9.50 | 27.55 1.28 -7.95 | 26.55 1.32 -6.60 | 28.17 1.43 -7.90 | 28.45 1.69 -5.04 | 30.89 2.05 -2.89 | 32.01 2.61 -0.40 | 37.82 1.96 -10.12 | 46.98 2.33 -16.60 | 53.82 2.75 -21.23 | 65.30 3.04 -30.21 | 62.10 3.19 -26.01 | 47.29 2.62 -15.84 | 38.58 2.19 -10.97 | 36.26 1.52 -16.43 |
| ISLIP_RES_REC 323679 | 28.61 1.58 -9.64 | 25.88 0.84 -15.62 | 24.88 1.03 -12.78 | 24.15 0.78 -15.19 | 24.90 0.74 -16.31 | 28.33 1.45 -12.70 | 40.21 1.55 -22.54 | 40.25 1.74 -22.25 | 31.94 1.66 -12.80 | 26.68 1.55 -7.56 | 26.42 1.78 -6.33 | 25.63 1.75 -5.25 | 26.48 1.36 -6.28 | 27.45 1.72 -4.02 | 30.33 2.08 -2.30 | 32.23 2.76 -0.47 | 36.17 2.37 -8.06 | 44.13 2.86 -13.21 | 50.00 3.25 -16.89 | 61.08 3.56 -25.47 | 61.29 3.65 -24.74 | 47.12 2.97 -15.33 | 36.77 2.62 -8.72 | 32.76 1.37 -13.07 |
| JAMAICA__27_KV_LOAD 355505 | 28.23 1.20 -9.63 | 25.73 0.69 -15.62 | 24.64 0.80 -12.77 | 23.94 0.58 -15.19 | 24.72 0.57 -16.30 | 27.90 1.02 -12.70 | 39.85 1.19 -22.53 | 39.75 1.25 -22.24 | 31.84 1.50 -12.85 | 26.84 1.67 -7.59 | 26.38 1.70 -6.36 | 25.64 1.73 -5.27 | 26.89 1.73 -6.31 | 27.79 2.02 -4.05 | 30.62 2.34 -2.33 | 32.19 2.84 -0.34 | 36.25 2.42 -8.09 | 43.97 2.64 -13.28 | 49.44 2.63 -16.96 | 59.02 2.92 -24.05 | 56.57 2.96 -20.70 | 43.80 2.36 -12.61 | 36.38 2.19 -8.76 | 32.76 1.32 -13.13 |
| JANIS___SOLAR 323808 | 20.52 0.49 -2.63 | 13.96 0.24 -4.30 | 14.86 0.28 -3.52 | 12.58 0.22 -4.18 | 12.57 0.23 -4.49 | 18.11 0.45 -3.47 | 22.70 0.60 -5.98 | 22.85 0.52 -6.07 | 21.72 0.32 -3.92 | 19.99 0.07 -2.34 | 20.24 -0.04 -1.96 | 20.20 -0.06 -1.63 | 20.73 -0.06 -1.95 | 22.96 0.00 -1.24 | 26.82 0.16 -0.71 | 29.31 0.20 -0.10 | 28.62 0.39 -2.49 | 32.76 0.62 -4.09 | 36.07 0.98 -5.23 | 41.69 1.22 -8.42 | 40.50 1.18 -6.41 | 33.74 1.01 -3.91 | 28.87 0.74 -2.70 | 22.91 0.55 -4.05 |
| JARVIS____ 23743 | 17.47 0.07 0.00 | 9.46 0.04 0.00 | 11.11 0.04 0.00 | 8.22 0.04 0.00 | 7.89 0.04 0.00 | 14.25 0.07 0.00 | 16.21 0.08 0.00 | 16.32 0.07 0.00 | 17.55 0.07 0.00 | 17.65 0.07 0.00 | 18.39 0.07 0.00 | 18.71 0.07 0.00 | 18.90 0.06 0.00 | 21.80 0.09 0.00 | 26.05 0.10 0.00 | 29.15 0.15 0.00 | 25.89 0.16 0.00 | 28.19 0.14 0.00 | 30.03 0.18 0.00 | 32.21 0.16 0.00 | 33.07 0.17 0.00 | 28.97 0.14 0.00 | 25.55 0.13 0.00 | 18.41 0.09 0.00 |
| JENNISON___1 23625 | 21.34 0.59 -3.35 | 15.20 0.31 -5.47 | 15.90 0.35 -4.47 | 13.77 0.28 -5.32 | 13.85 0.28 -5.71 | 19.15 0.55 -4.42 | 24.41 0.68 -7.61 | 24.61 0.63 -7.72 | 22.49 0.54 -4.46 | 20.66 0.42 -2.66 | 20.95 0.40 -2.23 | 20.91 0.43 -1.85 | 21.47 0.41 -2.21 | 23.67 0.54 -1.41 | 27.56 0.80 -0.81 | 30.10 0.99 -0.11 | 29.58 1.00 -2.84 | 33.83 1.12 -4.65 | 37.12 1.31 -5.95 | 43.74 1.44 -10.25 | 43.00 1.41 -8.68 | 35.38 1.27 -5.29 | 29.47 0.97 -3.08 | 23.62 0.70 -4.61 |
| JENNISON___2 23626 | 21.34 0.59 -3.35 | 15.20 0.31 -5.47 | 15.90 0.35 -4.47 | 13.77 0.28 -5.32 | 13.85 0.28 -5.71 | 19.15 0.55 -4.42 | 24.41 0.68 -7.61 | 24.61 0.63 -7.72 | 22.49 0.54 -4.46 | 20.66 0.42 -2.66 | 20.95 0.40 -2.23 | 20.91 0.43 -1.85 | 21.47 0.41 -2.21 | 23.67 0.54 -1.41 | 27.56 0.80 -0.81 | 30.10 0.99 -0.11 | 29.58 1.00 -2.84 | 33.83 1.12 -4.65 | 37.12 1.31 -5.95 | 43.74 1.44 -10.25 | 43.00 1.41 -8.68 | 35.38 1.27 -5.29 | 29.47 0.97 -3.08 | 23.62 0.70 -4.61 |
| JERICHO_RISE_WT_PWR 323719 | 16.79 -0.61 0.00 | 9.03 -0.39 0.00 | 10.56 -0.51 0.00 | 7.74 -0.43 0.00 | 7.41 -0.44 0.00 | 13.40 -0.78 0.00 | 15.16 -0.97 0.00 | 15.39 -0.86 0.00 | 16.47 -1.01 0.00 | 16.56 -1.02 0.00 | 17.33 -0.99 0.00 | 17.61 -1.02 0.00 | 17.75 -1.09 0.00 | 20.37 -1.35 0.00 | -9.48 -1.63 33.80 | -9.72 -1.74 36.99 | -9.45 -1.49 33.70 | 26.57 -1.49 0.00 | -2.04 -1.61 30.28 | -9.91 -1.60 40.35 | -9.94 -1.61 41.23 | -9.71 -1.64 36.90 | -9.48 -1.52 33.38 | -8.93 -1.14 26.11 |
| KATONAH__115KV_46KV_TB4 355592 | 28.26 1.11 -9.75 | 25.84 0.61 -15.81 | 24.72 0.72 -12.93 | 24.08 0.53 -15.38 | 24.87 0.51 -16.50 | 27.96 0.92 -12.86 | 39.99 1.06 -22.80 | 39.88 1.11 -22.52 | 31.75 1.26 -13.01 | 26.57 1.30 -7.68 | 26.14 1.39 -6.44 | 25.39 1.42 -5.34 | 26.65 1.41 -6.39 | 27.42 1.63 -4.08 | 30.13 1.84 -2.34 | 31.62 2.29 -0.32 | 35.96 2.03 -8.19 | 43.67 2.19 -13.43 | 49.29 2.27 -17.17 | 58.87 2.47 -24.35 | 56.40 2.53 -20.96 | 43.75 2.16 -12.77 | 36.18 1.88 -8.87 | 32.74 1.14 -13.29 |
| KCE_NY_1 323755 | 31.17 0.99 -12.78 | 29.45 0.54 -19.50 | 27.63 0.62 -15.94 | 27.60 0.47 -18.96 | 28.66 0.46 -20.35 | 31.86 0.82 -16.86 | 54.34 0.98 -37.24 | 47.14 0.93 -29.96 | 35.89 0.94 -17.46 | 27.95 0.90 -9.47 | 27.16 0.92 -7.93 | 26.15 0.93 -6.58 | 27.70 0.98 -7.88 | 27.87 1.13 -5.03 | 30.13 1.30 -2.88 | 31.11 1.71 -0.39 | 37.25 1.41 -10.09 | 46.23 1.63 -16.55 | 52.87 1.85 -21.17 | 64.17 1.96 -30.17 | 60.91 2.04 -25.97 | 46.40 1.76 -15.82 | 37.86 1.50 -10.94 | 35.69 0.99 -16.38 |
| KCE_NY_6_ESR 323823 | 17.55 -1.53 -1.68 | 11.43 -0.74 -2.75 | 12.43 -0.89 -2.25 | 10.23 -0.62 -2.68 | 10.15 -0.57 -2.87 | 15.23 -1.18 -2.22 | 18.55 -1.40 -3.82 | 18.56 -1.58 -3.88 | 18.01 -1.78 -2.31 | 17.48 -1.48 -1.38 | 17.82 -1.65 -1.15 | 17.90 -1.70 -0.96 | 18.31 -1.68 -1.14 | 20.30 -2.15 -0.73 | 23.54 -2.83 -0.42 | 25.99 -3.08 -0.06 | 24.27 -2.93 -1.47 | 27.46 -3.00 -2.41 | 29.79 -3.13 -3.08 | 32.18 -3.72 -3.85 | 33.19 -3.49 -3.77 | 28.36 -2.77 -2.30 | 24.55 -2.47 -1.59 | 19.36 -1.34 -2.38 |
| KEDC_PORT_JEFF_GT2 24210 | 28.54 1.51 -9.64 | 25.84 0.80 -15.62 | 24.83 0.98 -12.78 | 24.12 0.75 -15.19 | 24.87 0.71 -16.31 | 28.28 1.39 -12.70 | 40.13 1.47 -22.54 | 40.15 1.64 -22.25 | 31.87 1.59 -12.80 | 26.61 1.48 -7.56 | 26.33 1.68 -6.32 | 25.56 1.68 -5.25 | 26.41 1.28 -6.28 | 27.38 1.65 -4.02 | 30.22 1.97 -2.30 | 32.10 2.64 -0.46 | 36.07 2.27 -8.06 | 43.96 2.69 -13.21 | 49.82 3.08 -16.89 | 60.79 3.36 -25.37 | 60.80 3.45 -24.45 | 46.75 2.80 -15.13 | 36.64 2.49 -8.72 | 32.68 1.30 -13.07 |
| KEDC_PORT_JEFF_GT3 24211 | 28.54 1.51 -9.64 | 25.84 0.80 -15.62 | 24.83 0.98 -12.78 | 24.12 0.75 -15.19 | 24.87 0.71 -16.31 | 28.28 1.39 -12.70 | 40.13 1.47 -22.54 | 40.15 1.64 -22.25 | 31.87 1.59 -12.80 | 26.61 1.48 -7.56 | 26.33 1.68 -6.32 | 25.56 1.68 -5.25 | 26.41 1.28 -6.28 | 27.38 1.65 -4.02 | 30.22 1.97 -2.30 | 32.10 2.64 -0.46 | 36.07 2.27 -8.06 | 43.96 2.69 -13.21 | 49.82 3.08 -16.89 | 60.79 3.36 -25.37 | 60.80 3.45 -24.45 | 46.75 2.80 -15.13 | 36.64 2.49 -8.72 | 32.68 1.30 -13.07 |
| KEDC_GLWD_GT4 24219 | 28.34 1.31 -9.64 | 25.75 0.71 -15.62 | 24.68 0.83 -12.78 | 23.99 0.62 -15.19 | 24.75 0.59 -16.31 | 27.99 1.11 -12.70 | 39.87 1.21 -22.54 | 39.82 1.32 -22.25 | 31.73 1.45 -12.80 | 26.63 1.49 -7.56 | 26.30 1.65 -6.34 | 25.55 1.66 -5.26 | 26.70 1.56 -6.29 | 27.61 1.87 -4.03 | 30.47 2.20 -2.31 | 32.82 2.76 -1.06 | 36.23 2.37 -8.12 | 43.63 2.36 -13.22 | 49.25 2.51 -16.89 | 65.56 2.72 -30.79 | 75.58 2.80 -39.89 | 56.78 2.36 -25.59 | 36.35 2.19 -8.74 | 32.72 1.32 -13.08 |
| KEDC_GLWD_GT5 24220 | 28.34 1.31 -9.64 | 25.75 0.71 -15.62 | 24.68 0.83 -12.78 | 23.99 0.62 -15.19 | 24.75 0.59 -16.31 | 27.99 1.11 -12.70 | 39.87 1.21 -22.54 | 39.82 1.32 -22.25 | 31.73 1.45 -12.80 | 26.63 1.49 -7.56 | 26.30 1.65 -6.34 | 25.55 1.66 -5.26 | 26.70 1.56 -6.29 | 27.61 1.87 -4.03 | 30.47 2.20 -2.31 | 32.82 2.76 -1.06 | 36.23 2.37 -8.12 | 43.63 2.36 -13.22 | 49.25 2.51 -16.89 | 65.56 2.72 -30.79 | 75.58 2.80 -39.89 | 56.78 2.36 -25.59 | 36.35 2.19 -8.74 | 32.72 1.32 -13.08 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| KENSICO____ 23655 | 28.11 1.10 -9.61 | 25.62 0.61 -15.59 | 24.54 0.72 -12.75 | 23.87 0.53 -15.16 | 24.63 0.51 -16.27 | 27.76 0.91 -12.68 | 39.64 1.03 -22.48 | 39.53 1.07 -22.20 | 31.55 1.24 -12.82 | 26.49 1.34 -7.57 | 26.07 1.41 -6.34 | 25.33 1.43 -5.26 | 26.57 1.43 -6.30 | 27.40 1.65 -4.03 | 30.13 1.87 -2.31 | 31.62 2.29 -0.32 | 35.82 2.01 -8.07 | 43.43 2.13 -13.24 | 48.96 2.18 -16.93 | 58.45 2.40 -24.00 | 56.03 2.47 -20.66 | 43.45 2.05 -12.58 | 36.00 1.83 -8.75 | 32.53 1.12 -13.10 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 27.47 0.92 -9.15 | 24.91 0.54 -14.95 | 23.93 0.63 -12.23 | 23.18 0.47 -14.54 | 23.91 0.45 -15.61 | 27.06 0.81 -12.07 | 37.81 0.90 -20.78 | 38.27 0.91 -21.10 | 30.75 1.07 -12.20 | 25.89 1.04 -7.28 | 25.53 1.12 -6.09 | 24.81 1.12 -5.05 | 26.01 1.11 -6.05 | 26.88 1.30 -3.86 | 29.67 1.50 -2.22 | 31.22 1.91 -0.30 | 35.19 1.70 -7.76 | 42.68 1.91 -12.72 | 48.14 2.03 -16.26 | 57.06 2.24 -22.77 | 54.84 2.34 -19.60 | 42.78 2.02 -11.94 | 35.58 1.75 -8.40 | 31.97 1.06 -12.59 |
| KIAC_JFK_GT1 23816 | 28.14 1.11 -9.63 | 25.68 0.64 -15.62 | 24.58 0.74 -12.77 | 23.90 0.54 -15.19 | 24.68 0.53 -16.30 | 27.85 0.96 -12.70 | 39.70 1.05 -22.53 | 39.60 1.11 -22.24 | 31.75 1.42 -12.85 | 26.75 1.58 -7.59 | 26.28 1.61 -6.36 | 25.55 1.64 -5.27 | 26.79 1.64 -6.31 | 27.68 1.91 -4.05 | 30.46 2.18 -2.33 | 32.01 2.67 -0.34 | 35.99 2.16 -8.09 | 43.69 2.36 -13.28 | 49.17 2.36 -16.96 | 58.73 2.63 -24.05 | 56.24 2.63 -20.70 | 43.54 2.10 -12.61 | 36.25 2.06 -8.76 | 32.67 1.23 -13.13 |
| KIAC_JFK_GT2 23817 | 28.14 1.11 -9.63 | 25.68 0.64 -15.62 | 24.58 0.74 -12.77 | 23.90 0.54 -15.19 | 24.68 0.53 -16.30 | 27.85 0.96 -12.70 | 39.70 1.05 -22.53 | 39.60 1.11 -22.24 | 31.75 1.42 -12.85 | 26.75 1.58 -7.59 | 26.28 1.61 -6.36 | 25.55 1.64 -5.27 | 26.79 1.64 -6.31 | 27.68 1.91 -4.05 | 30.46 2.18 -2.33 | 32.01 2.67 -0.34 | 35.99 2.16 -8.09 | 43.69 2.36 -13.28 | 49.17 2.36 -16.96 | 58.73 2.63 -24.05 | 56.24 2.63 -20.70 | 43.54 2.10 -12.61 | 36.25 2.06 -8.76 | 32.67 1.23 -13.13 |
| KIAC_JFK____ 323774 | 28.14 1.11 -9.63 | 25.68 0.64 -15.62 | 24.58 0.74 -12.77 | 23.90 0.54 -15.19 | 24.68 0.53 -16.30 | 27.85 0.96 -12.70 | 39.70 1.05 -22.53 | 39.61 1.11 -22.24 | 31.69 1.42 -12.79 | 26.73 1.60 -7.56 | 26.26 1.61 -6.33 | 25.52 1.64 -5.25 | 26.76 1.64 -6.28 | 27.66 1.91 -4.03 | 30.47 2.20 -2.32 | 32.04 2.70 -0.34 | 35.98 2.19 -8.05 | 43.63 2.36 -13.22 | 49.09 2.36 -16.89 | 58.73 2.63 -24.05 | 56.24 2.63 -20.70 | 43.57 2.13 -12.61 | 36.21 2.06 -8.72 | 32.61 1.23 -13.07 |
| KINTIGH____ 23543 | 17.58 -1.25 -1.43 | 11.15 -0.60 -2.34 | 12.26 -0.72 -1.91 | 9.95 -0.50 -2.27 | 9.84 -0.46 -2.44 | 15.13 -0.94 -1.89 | 18.21 -1.16 -3.25 | 18.22 -1.33 -3.30 | 17.87 -1.52 -1.91 | 17.54 -1.18 -1.14 | 17.93 -1.34 -0.95 | 18.06 -1.36 -0.79 | 18.43 -1.36 -0.95 | 20.56 -1.76 -0.60 | 23.93 -2.36 -0.35 | 26.47 -2.58 -0.05 | 24.53 -2.42 -1.21 | 27.69 -2.36 -1.99 | 29.82 -2.57 -2.54 | 32.23 -3.11 -3.29 | 33.25 -2.86 -3.21 | 28.65 -2.13 -1.95 | 24.78 -1.96 -1.31 | 19.18 -1.10 -1.97 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 17.00 -0.40 0.00 | 9.15 -0.27 0.00 | 10.69 -0.38 0.00 | 7.83 -0.34 0.00 | 7.50 -0.35 0.00 | 13.57 -0.61 0.00 | 15.37 -0.76 0.00 | 15.62 -0.63 0.00 | 16.73 -0.75 0.00 | 16.77 -0.81 0.00 | 17.53 -0.79 0.00 | 17.80 -0.84 0.00 | 17.96 -0.89 0.00 | 20.61 -1.11 0.00 | -7.36 -1.30 32.01 | -7.39 -1.36 35.03 | -7.31 -1.13 31.91 | 26.93 -1.12 0.00 | 0.01 -1.16 28.68 | -7.19 -1.03 38.22 | -7.23 -1.09 39.04 | -7.33 -1.21 34.94 | -7.33 -1.14 31.61 | -7.29 -0.88 24.73 |
| LACHUTE__HYDRO 323717 | 31.69 1.51 -12.78 | 29.76 0.82 -19.52 | 27.96 0.93 -15.97 | 27.86 0.70 -18.99 | 28.95 0.71 -20.38 | 32.33 1.29 -16.86 | 54.84 1.63 -37.09 | 47.67 1.46 -29.95 | 36.34 1.40 -17.45 | 28.29 1.23 -9.48 | 27.54 1.28 -7.94 | 26.54 1.32 -6.59 | 28.16 1.43 -7.89 | 28.45 1.69 -5.03 | 30.86 2.03 -2.89 | 32.01 2.61 -0.40 | 37.83 1.98 -10.11 | 46.95 2.33 -16.57 | 53.79 2.74 -21.19 | 65.31 3.05 -30.21 | 62.13 3.23 -26.01 | 47.29 2.62 -15.84 | 38.56 2.19 -10.95 | 36.24 1.52 -16.40 |
| LAWRNCV_115KV_TB1 80681 | 16.84 -0.56 0.00 | 9.12 -0.30 0.00 | 10.70 -0.37 0.00 | 7.87 -0.30 0.00 | 7.55 -0.30 0.00 | 13.66 -0.52 0.00 | 15.40 -0.73 0.00 | 15.61 -0.65 0.00 | 16.70 -0.79 0.00 | 16.67 -0.91 0.00 | 17.38 -0.93 0.00 | 17.67 -0.97 0.00 | 17.86 -0.98 0.00 | 20.57 -1.15 0.00 | 28.76 -1.38 -4.19 | 32.17 -1.42 -4.59 | 28.76 -1.16 -4.18 | 26.93 -1.12 0.00 | 32.44 -1.16 -3.75 | 35.96 -1.09 -5.00 | 36.86 -1.15 -5.11 | 32.19 -1.21 -4.58 | 28.40 -1.17 -4.14 | 20.68 -0.88 -3.24 |
| LEDERLE____ 23769 | 27.72 1.06 -9.26 | 25.04 0.60 -15.02 | 24.06 0.71 -12.28 | 23.30 0.52 -14.61 | 24.03 0.50 -15.68 | 27.30 0.91 -12.21 | 38.78 1.03 -21.62 | 38.71 1.07 -21.38 | 31.14 1.24 -12.41 | 26.21 1.30 -7.33 | 25.83 1.37 -6.14 | 25.13 1.40 -5.09 | 26.34 1.39 -6.10 | 27.22 1.61 -3.90 | 30.03 1.84 -2.24 | 31.58 2.26 -0.31 | 35.51 1.96 -7.82 | 42.95 2.08 -12.82 | 48.36 2.12 -16.39 | 57.61 2.34 -23.22 | 55.29 2.40 -19.99 | 43.07 2.08 -12.17 | 35.73 1.83 -8.47 | 32.14 1.14 -12.68 |
| LIGHTRSE_115KV_TB6 355974 | 17.96 -0.21 -0.77 | 10.53 -0.14 -1.25 | 11.94 -0.15 -1.03 | 9.29 -0.11 -1.22 | 9.07 -0.09 -1.31 | 15.07 -0.13 -1.01 | 17.77 -0.10 -1.74 | 17.91 -0.11 -1.77 | 18.30 -0.21 -1.02 | 17.86 -0.33 -0.61 | 18.50 -0.33 -0.51 | 18.70 -0.35 -0.42 | 18.99 -0.36 -0.51 | 21.67 -0.37 -0.32 | 25.82 -0.31 -0.19 | 28.51 -0.52 -0.03 | 25.98 -0.41 -0.65 | 28.64 -0.48 -1.07 | 30.83 -0.39 -1.36 | 33.76 -0.29 -2.00 | 34.29 -0.33 -1.72 | 29.53 -0.35 -1.05 | 25.78 -0.36 -0.70 | 19.19 -0.18 -1.06 |
| LINDEN COGEN____ 23786 | 28.16 1.13 -9.63 | 25.69 0.65 -15.62 | 24.60 0.75 -12.77 | 23.92 0.56 -15.19 | 24.69 0.53 -16.30 | 27.83 0.95 -12.70 | 39.77 1.11 -22.53 | 39.64 1.14 -22.24 | 31.62 1.35 -12.79 | 26.63 1.49 -7.56 | 26.20 1.56 -6.33 | 25.49 1.60 -5.25 | 26.71 1.58 -6.28 | 27.57 1.82 -4.03 | 30.37 2.10 -2.32 | 31.92 2.58 -0.34 | 36.06 2.27 -8.05 | 43.60 2.33 -13.22 | 49.09 2.36 -16.89 | 58.69 2.59 -24.05 | 56.27 2.66 -20.70 | 43.62 2.19 -12.61 | 36.14 1.98 -8.72 | 32.59 1.21 -13.07 |
| LINDHRST_69_KV_BK1 356055 | 28.56 1.53 -9.64 | 25.84 0.80 -15.62 | 24.81 0.96 -12.78 | 24.10 0.73 -15.19 | 24.85 0.69 -16.31 | 28.23 1.35 -12.70 | 40.08 1.42 -22.54 | 40.11 1.61 -22.25 | 31.98 1.64 -12.85 | 26.70 1.53 -7.59 | 26.47 1.80 -6.36 | 25.70 1.79 -5.27 | 26.68 1.53 -6.32 | 27.58 1.82 -4.04 | 30.45 2.18 -2.32 | 32.60 2.93 -0.66 | 36.36 2.50 -8.12 | 44.08 2.75 -13.28 | 49.77 2.96 -16.97 | 62.15 3.24 -26.86 | 64.92 3.32 -28.70 | 49.64 2.80 -18.01 | 36.74 2.54 -8.77 | 32.90 1.45 -13.13 |
| LIPA_MISC_IPP 23656 | 28.46 1.43 -9.64 | 25.80 0.75 -15.62 | 24.81 0.96 -12.78 | 24.10 0.74 -15.19 | 24.84 0.68 -16.31 | 28.23 1.35 -12.70 | 40.08 1.42 -22.54 | 40.13 1.63 -22.25 | 31.82 1.49 -12.85 | 26.42 1.25 -7.59 | 26.21 1.54 -6.35 | 25.43 1.53 -5.27 | 26.21 1.06 -6.31 | 27.05 1.30 -4.03 | 29.82 1.56 -2.31 | 31.72 2.26 -0.45 | 35.74 1.90 -8.10 | 43.91 2.58 -13.27 | 49.77 2.96 -16.97 | 60.58 3.21 -25.32 | 60.50 3.29 -24.31 | 46.43 2.57 -15.04 | 36.55 2.36 -8.76 | 32.58 1.14 -13.13 |
| LISF__SOLAR 323691 | 28.49 1.46 -9.64 | 25.82 0.77 -15.62 | 24.82 0.97 -12.78 | 24.12 0.75 -15.19 | 24.86 0.70 -16.31 | 28.26 1.38 -12.70 | 40.13 1.47 -22.54 | 40.15 1.64 -22.25 | 31.76 1.49 -12.80 | 26.49 1.35 -7.56 | 26.20 1.56 -6.32 | 25.41 1.53 -5.25 | 26.18 1.05 -6.28 | 27.10 1.37 -4.02 | 29.89 1.64 -2.30 | 31.72 2.26 -0.46 | 35.73 1.93 -8.06 | 43.82 2.55 -13.21 | 49.75 3.01 -16.89 | 60.69 3.30 -25.34 | 60.65 3.39 -24.36 | 46.55 2.65 -15.07 | 36.54 2.39 -8.72 | 32.54 1.15 -13.07 |

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|---------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LITTLE FALLS___HYD 24013 | 17.14 -0.26 0.00 | 9.27 -0.15 0.00 | 10.89 -0.18 0.00 | 8.04 -0.14 0.00 | 7.73 -0.13 0.00 | 13.97 -0.21 0.00 | 15.85 -0.27 0.00 | 15.98 -0.28 0.00 | 17.17 -0.31 0.00 | 17.25 -0.33 0.00 | 17.97 -0.35 0.00 | 18.28 -0.35 0.00 | 18.47 -0.38 0.00 | 21.28 -0.43 0.00 | 25.43 -0.52 0.00 | 28.39 -0.61 0.00 | 25.20 -0.54 0.00 | 27.38 -0.67 0.00 | 29.16 -0.69 0.00 | 31.35 -0.71 0.00 | 32.11 -0.79 0.00 | 28.08 -0.75 0.00 | 24.74 -0.69 0.00 | 17.75 -0.57 0.00 |
| LITTLRIV_115KV_TB1 356100 | 17.16 -0.40 -0.16 | 9.47 -0.22 -0.27 | 11.02 -0.27 -0.22 | 8.21 -0.22 -0.26 | 7.90 -0.23 -0.28 | 14.03 -0.37 -0.22 | 15.95 -0.55 -0.37 | 16.14 -0.49 -0.38 | 17.04 -0.66 -0.22 | 16.87 -0.84 -0.13 | 17.56 -0.86 -0.11 | 17.83 -0.89 -0.09 | 18.03 -0.92 -0.11 | 20.72 -1.06 -0.07 | 29.39 -1.22 -4.66 | 32.84 -1.22 -5.06 | 29.50 -0.98 -4.74 | 27.41 -0.87 -0.23 | 33.47 -0.81 -4.43 | 37.32 -0.67 -5.94 | 38.14 -0.76 -6.00 | 33.20 -0.89 -5.26 | 29.22 -0.92 -4.71 | 21.41 -0.70 -3.79 |
| LI_NEWBRDGE___DRP 323616 | 28.28 1.25 -9.64 | 25.71 0.67 -15.62 | 24.64 0.80 -12.78 | 23.97 0.60 -15.19 | 24.73 0.57 -16.31 | 27.99 1.11 -12.70 | 39.80 1.14 -22.54 | 39.81 1.30 -22.25 | 31.72 1.38 -12.85 | 26.49 1.32 -7.59 | 26.24 1.58 -6.35 | 25.49 1.58 -5.27 | 26.52 1.38 -6.31 | 27.40 1.65 -4.03 | 30.23 1.97 -2.31 | 32.02 2.67 -0.35 | 36.06 2.24 -8.09 | 43.68 2.36 -13.27 | 49.27 2.45 -16.97 | 59.08 2.66 -24.37 | 57.22 2.73 -21.59 | 44.35 2.33 -13.19 | 36.32 2.14 -8.76 | 32.67 1.23 -13.12 |
| LOCKPORT_115KV_TB60_63_64 80432 | 17.32 -1.62 -1.54 | 11.16 -0.77 -2.51 | 12.21 -0.92 -2.06 | 9.97 -0.65 -2.44 | 9.88 -0.60 -2.62 | 14.99 -1.22 -2.03 | 18.12 -1.50 -3.49 | 18.11 -1.69 -3.55 | 17.59 -1.94 -2.05 | 17.26 -1.55 -1.22 | 17.62 -1.72 -1.02 | 17.71 -1.77 -0.85 | 18.09 -1.77 -1.02 | 20.11 -2.26 -0.65 | 23.34 -2.98 -0.37 | 25.81 -3.25 -0.05 | 24.03 -3.01 -1.30 | 27.22 -2.97 -2.14 | 29.36 -3.22 -2.73 | 31.70 -3.88 -3.53 | 32.73 -3.62 -3.45 | 28.13 -2.80 -2.10 | 24.32 -2.52 -1.41 | 19.00 -1.43 -2.11 |
| LOCKPORT___CC1 323769 | 17.33 -1.62 -1.55 | 11.18 -0.77 -2.53 | 12.22 -0.92 -2.07 | 9.99 -0.65 -2.46 | 9.90 -0.60 -2.64 | 15.00 -1.22 -2.04 | 18.14 -1.50 -3.52 | 18.15 -1.67 -3.57 | 17.72 -1.89 -2.12 | 17.30 -1.55 -1.27 | 17.65 -1.72 -1.06 | 17.74 -1.77 -0.88 | 18.14 -1.75 -1.05 | 20.13 -2.26 -0.67 | 23.35 -2.98 -0.39 | 25.81 -3.25 -0.05 | 24.02 -3.06 -1.35 | 27.07 -3.20 -2.21 | 29.40 -3.28 -2.83 | 31.69 -3.91 -3.55 | 32.72 -3.65 -3.47 | 28.03 -2.91 -2.11 | 24.35 -2.54 -1.46 | 19.08 -1.43 -2.19 |
| LOCKPORT___CC2 323770 | 17.33 -1.62 -1.55 | 11.18 -0.77 -2.53 | 12.22 -0.92 -2.07 | 9.99 -0.65 -2.46 | 9.90 -0.60 -2.64 | 15.00 -1.22 -2.04 | 18.14 -1.50 -3.52 | 18.15 -1.67 -3.57 | 17.72 -1.89 -2.12 | 17.30 -1.55 -1.27 | 17.65 -1.72 -1.06 | 17.74 -1.77 -0.88 | 18.14 -1.75 -1.05 | 20.13 -2.26 -0.67 | 23.35 -2.98 -0.39 | 25.81 -3.25 -0.05 | 24.02 -3.06 -1.35 | 27.07 -3.20 -2.21 | 29.40 -3.28 -2.83 | 31.69 -3.91 -3.55 | 32.72 -3.65 -3.47 | 28.03 -2.91 -2.11 | 24.35 -2.54 -1.46 | 19.08 -1.43 -2.19 |
| LOCKPORT___CC3 323771 | 17.33 -1.62 -1.55 | 11.18 -0.77 -2.53 | 12.22 -0.92 -2.07 | 9.99 -0.65 -2.46 | 9.90 -0.60 -2.64 | 15.00 -1.22 -2.04 | 18.14 -1.50 -3.52 | 18.15 -1.67 -3.57 | 17.72 -1.89 -2.12 | 17.30 -1.55 -1.27 | 17.65 -1.72 -1.06 | 17.74 -1.77 -0.88 | 18.14 -1.75 -1.05 | 20.13 -2.26 -0.67 | 23.35 -2.98 -0.39 | 25.81 -3.25 -0.05 | 24.02 -3.06 -1.35 | 27.07 -3.20 -2.21 | 29.40 -3.28 -2.83 | 31.69 -3.91 -3.55 | 32.72 -3.65 -3.47 | 28.03 -2.91 -2.11 | 24.35 -2.54 -1.46 | 19.08 -1.43 -2.19 |
| LONG_LAKE_PHOENIX 24014 | 18.06 -0.17 -0.84 | 10.66 -0.12 -1.37 | 12.05 -0.13 -1.12 | 9.41 -0.09 -1.33 | 9.19 -0.09 -1.43 | 15.16 -0.13 -1.10 | 17.93 -0.10 -1.90 | 18.09 -0.10 -1.93 | 18.49 -0.10 -1.11 | 18.09 -0.16 -0.66 | 18.69 -0.18 -0.56 | 18.93 -0.17 -0.46 | 19.24 -0.15 -0.55 | 21.94 -0.13 -0.35 | 26.05 -0.10 -0.20 | 28.65 -0.38 -0.03 | 26.14 -0.31 -0.71 | 28.79 -0.42 -1.16 | 30.92 -0.42 -1.49 | 33.81 -0.42 -2.18 | 34.31 -0.46 -1.87 | 29.56 -0.40 -1.14 | 25.84 -0.36 -0.77 | 19.32 -0.15 -1.15 |
| LOVETT___3 23632 | 27.74 1.03 -9.32 | 25.11 0.57 -15.12 | 24.09 0.66 -12.36 | 23.37 0.50 -14.70 | 24.11 0.48 -15.78 | 27.33 0.87 -12.29 | 38.87 0.98 -21.77 | 38.80 1.02 -21.52 | 31.17 1.19 -12.50 | 26.23 1.27 -7.38 | 25.84 1.34 -6.18 | 25.12 1.36 -5.13 | 26.32 1.34 -6.14 | 27.18 1.54 -3.92 | 29.96 1.76 -2.25 | 31.49 2.18 -0.31 | 35.49 1.88 -7.87 | 42.93 1.96 -12.91 | 48.35 2.00 -16.50 | 57.64 2.21 -23.38 | 55.30 2.27 -20.13 | 43.02 1.93 -12.26 | 35.68 1.73 -8.53 | 32.15 1.06 -12.77 |
| LOVETT___4 23642 | 27.74 1.03 -9.32 | 25.11 0.57 -15.12 | 24.09 0.66 -12.36 | 23.37 0.50 -14.70 | 24.11 0.48 -15.78 | 27.33 0.87 -12.29 | 38.87 0.98 -21.77 | 38.80 1.02 -21.52 | 31.17 1.19 -12.50 | 26.23 1.27 -7.38 | 25.84 1.34 -6.18 | 25.12 1.36 -5.13 | 26.32 1.34 -6.14 | 27.18 1.54 -3.92 | 29.96 1.76 -2.25 | 31.49 2.18 -0.31 | 35.49 1.88 -7.87 | 42.93 1.96 -12.91 | 48.35 2.00 -16.50 | 57.64 2.21 -23.38 | 55.30 2.27 -20.13 | 43.02 1.93 -12.26 | 35.68 1.73 -8.53 | 32.15 1.06 -12.77 |
| LOVETT___5 23593 | 27.74 1.03 -9.32 | 25.11 0.57 -15.12 | 24.09 0.66 -12.36 | 23.37 0.50 -14.70 | 24.11 0.48 -15.78 | 27.33 0.87 -12.29 | 38.87 0.98 -21.77 | 38.80 1.02 -21.52 | 31.17 1.19 -12.50 | 26.23 1.27 -7.38 | 25.84 1.34 -6.18 | 25.12 1.36 -5.13 | 26.32 1.34 -6.14 | 27.18 1.54 -3.92 | 29.96 1.76 -2.25 | 31.49 2.18 -0.31 | 35.49 1.88 -7.87 | 42.93 1.96 -12.91 | 48.35 2.00 -16.50 | 57.64 2.21 -23.38 | 55.30 2.27 -20.13 | 43.02 1.93 -12.26 | 35.68 1.73 -8.53 | 32.15 1.06 -12.77 |
| LOWER RAQUET___HYD 24057 | 16.94 -0.63 -0.17 | 9.35 -0.35 -0.28 | 10.88 -0.42 -0.23 | 8.10 -0.34 -0.27 | 7.81 -0.34 -0.29 | 13.82 -0.58 -0.23 | 15.69 -0.82 -0.39 | 15.90 -0.75 -0.40 | 16.78 -0.94 -0.24 | 16.67 -1.05 -0.14 | 17.37 -1.06 -0.12 | 17.63 -1.10 -0.10 | 17.83 -1.13 -0.12 | 20.49 -1.30 -0.07 | 29.48 -1.53 -5.06 | 32.91 -1.60 -5.50 | 29.55 -1.34 -5.15 | 27.01 -1.29 -0.25 | 33.35 -1.31 -4.81 | 37.24 -1.25 -6.44 | 38.09 -1.32 -6.51 | 33.16 -1.38 -5.71 | 29.22 -1.32 -5.12 | 21.45 -0.99 -4.12 |
| LOWER___HUDSON 24059 | 31.16 0.97 -12.79 | 29.16 0.52 -19.23 | 27.40 0.61 -15.72 | 27.33 0.46 -18.70 | 28.36 0.44 -20.07 | 31.85 0.79 -16.88 | 56.02 0.92 -38.98 | 47.24 0.89 -30.09 | 36.05 1.00 -17.57 | 27.90 0.98 -9.34 | 27.09 0.95 -7.82 | 26.09 0.97 -6.49 | 27.61 1.00 -7.77 | 27.78 1.11 -4.96 | 29.96 1.17 -2.84 | 30.93 1.54 -0.39 | 37.05 1.36 -9.95 | 45.92 1.54 -16.32 | 52.42 1.70 -20.87 | 63.60 1.79 -29.75 | 60.42 1.91 -25.61 | 46.07 1.64 -15.60 | 37.66 1.45 -10.78 | 35.37 0.90 -16.15 |
| LOWVILLE_115KV_TB2 356335 | 17.60 -0.19 -0.40 | 9.94 -0.12 -0.65 | 11.45 -0.14 -0.53 | 8.70 -0.10 -0.63 | 8.45 -0.08 -0.67 | 14.62 -0.09 -0.52 | 16.93 -0.10 -0.90 | 17.09 -0.08 -0.91 | 17.75 -0.26 -0.53 | 17.44 -0.46 -0.31 | 18.07 -0.51 -0.26 | 18.31 -0.54 -0.22 | 18.52 -0.58 -0.26 | 21.28 -0.61 -0.17 | 26.95 -0.54 -1.54 | 30.05 -0.55 -1.60 | 27.21 -0.31 -1.78 | 28.35 -0.25 -0.55 | 31.79 -0.06 -2.00 | 34.91 0.10 -2.76 | 35.55 0.00 -2.65 | 30.83 -0.12 -2.12 | 26.97 -0.25 -1.79 | 19.78 -0.20 -1.66 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 31.17 0.99 -12.78 | 29.44 0.53 -19.50 | 27.62 0.61 -15.94 | 27.59 0.46 -18.96 | 28.66 0.46 -20.35 | 31.86 0.82 -16.86 | 54.34 0.98 -37.24 | 47.13 0.91 -29.96 | 35.91 0.94 -17.48 | 27.96 0.90 -9.48 | 27.16 0.90 -7.94 | 26.14 0.91 -6.59 | 27.69 0.96 -7.89 | 27.88 1.13 -5.04 | 30.13 1.30 -2.89 | 31.08 1.68 -0.40 | 37.24 1.39 -10.11 | 46.23 1.60 -16.58 | 52.87 1.82 -21.20 | 64.14 1.92 -30.17 | 60.91 2.04 -25.97 | 46.37 1.73 -15.82 | 37.88 1.50 -10.95 | 35.69 0.97 -16.40 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| LUTHERNY_35_KV_BK2 355980 | 31.17 0.99 -12.78 | 29.45 0.54 -19.50 | 27.63 0.62 -15.94 | 27.60 0.47 -18.96 | 28.66 0.46 -20.35 | 31.86 0.82 -16.86 | 54.34 0.98 -37.24 | 47.14 0.93 -29.96 | 35.91 0.94 -17.48 | 27.96 0.90 -9.48 | 27.17 0.92 -7.94 | 26.15 0.93 -6.59 | 27.71 0.98 -7.89 | 27.88 1.13 -5.04 | 30.16 1.32 -2.89 | 31.11 1.71 -0.40 | 37.26 1.42 -10.11 | 46.26 1.63 -16.58 | 52.87 1.82 -21.20 | 64.17 1.96 -30.17 | 60.91 2.04 -25.97 | 46.40 1.76 -15.82 | 37.88 1.50 -10.95 | 35.71 0.99 -16.40 |
| LWR___OSWEGATCHIE_HYD 23850 | 17.10 -0.59 -0.30 | 9.56 -0.34 -0.48 | 11.07 -0.40 -0.40 | 8.34 -0.31 -0.47 | 8.07 -0.29 -0.51 | 14.09 -0.48 -0.39 | 16.19 -0.61 -0.67 | 16.35 -0.59 -0.68 | 17.11 -0.77 -0.40 | 16.87 -0.95 -0.24 | 17.53 -0.99 -0.20 | 17.77 -1.02 -0.16 | 17.97 -1.07 -0.20 | 20.65 -1.19 -0.13 | 28.11 -1.32 -3.48 | 31.35 -1.39 -3.74 | 28.29 -1.11 -3.65 | 27.37 -1.09 -0.41 | 32.45 -0.99 -3.58 | 36.03 -0.87 -4.85 | 36.74 -0.99 -4.83 | 31.92 -1.04 -4.13 | 28.00 -1.07 -3.64 | 20.57 -0.79 -3.04 |
| LYONS_FALL_HYD 23570 | 17.77 0.00 -0.38 | 10.01 -0.02 -0.61 | 11.55 -0.02 -0.50 | 8.75 -0.02 -0.60 | 8.50 0.01 -0.64 | 14.72 0.04 -0.50 | 17.04 0.06 -0.85 | 17.20 0.08 -0.87 | 17.95 -0.05 -0.52 | 17.68 -0.21 -0.31 | 18.34 -0.24 -0.26 | 18.61 -0.24 -0.21 | 18.82 -0.28 -0.26 | 21.62 -0.26 -0.16 | 26.86 -0.15 -1.07 | 29.96 -0.12 -1.08 | 27.06 0.03 -1.30 | 28.68 0.08 -0.54 | 31.65 0.24 -1.56 | 34.58 0.39 -2.14 | 35.23 0.30 -2.03 | 30.57 0.17 -1.57 | 26.77 0.03 -1.32 | 19.60 0.00 -1.28 |
| MADISON___COUNTY_LFGE 323628 | 18.36 0.35 -0.62 | 10.60 0.17 -1.01 | 12.09 0.20 -0.83 | 9.31 0.16 -0.98 | 9.07 0.16 -1.06 | 15.32 0.33 -0.82 | 17.95 0.42 -1.40 | 18.09 0.41 -1.43 | 18.64 0.33 -0.83 | 18.30 0.23 -0.49 | 18.95 0.22 -0.41 | 19.20 0.22 -0.34 | 19.46 0.21 -0.41 | 22.28 0.30 -0.26 | 26.62 0.52 -0.15 | 29.58 0.55 -0.02 | 26.86 0.59 -0.53 | 29.56 0.65 -0.86 | 31.76 0.81 -1.10 | 34.68 0.93 -1.70 | 35.14 0.86 -1.39 | 30.39 0.72 -0.85 | 26.56 0.56 -0.57 | 19.57 0.40 -0.85 |
| MALONE___115KV_TB1 356076 | 16.89 -0.50 0.00 | 9.11 -0.31 0.00 | 10.66 -0.41 0.00 | 7.81 -0.36 0.00 | 7.48 -0.37 0.00 | 13.56 -0.62 0.00 | 15.33 -0.79 0.00 | 15.59 -0.67 0.00 | 16.68 -0.80 0.00 | 16.68 -0.90 0.00 | 17.44 -0.88 0.00 | 17.70 -0.93 0.00 | 17.86 -0.98 0.00 | 20.52 -1.19 0.00 | 46.22 -1.48 -21.76 | 51.30 -1.51 -23.81 | 46.17 -1.26 -21.69 | 26.88 -1.18 0.00 | 48.09 -1.25 -19.49 | 56.87 -1.15 -25.98 | 58.22 -1.22 -26.54 | 51.25 -1.33 -23.75 | 45.64 -1.27 -21.49 | 34.15 -0.97 -16.81 |
| MAPLEWOD_115KV_TB3 80458 | 31.10 0.85 -12.86 | 28.94 0.45 -19.07 | 27.20 0.53 -15.60 | 27.11 0.39 -18.55 | 28.14 0.38 -19.91 | 31.84 0.69 -16.96 | 57.58 0.79 -40.67 | 47.35 0.76 -30.33 | 36.12 0.87 -17.77 | 27.74 0.88 -9.28 | 26.95 0.86 -7.77 | 25.95 0.88 -6.44 | 27.46 0.90 -7.71 | 27.66 1.02 -4.93 | 29.76 0.99 -2.82 | 30.70 1.31 -0.39 | 36.78 1.16 -9.89 | 45.53 1.26 -16.21 | 51.96 1.37 -20.73 | 63.01 1.44 -29.51 | 59.82 1.51 -25.41 | 45.62 1.33 -15.47 | 37.28 1.14 -10.71 | 35.08 0.71 -16.04 |
| MAPLE_RIDGE_WT_1 323574 | 16.79 -0.61 0.00 | 9.08 -0.34 0.00 | 10.67 -0.40 0.00 | 7.86 -0.31 0.00 | 7.55 -0.30 0.00 | 13.64 -0.54 0.00 | 15.50 -0.63 0.00 | 15.65 -0.60 0.00 | 16.84 -0.65 0.00 | 16.93 -0.65 0.00 | 17.66 -0.66 0.00 | 17.96 -0.67 0.00 | 18.17 -0.68 0.00 | 20.94 -0.78 0.00 | 25.01 -0.93 0.00 | 28.02 -0.99 0.00 | 24.89 -0.85 0.00 | 27.15 -0.90 0.00 | 28.87 -0.98 0.00 | 31.02 -1.03 0.00 | 31.82 -1.08 0.00 | 27.82 -1.01 0.00 | 24.51 -0.91 0.00 | 17.62 -0.70 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 16.79 -0.61 0.00 | 9.08 -0.34 0.00 | 10.67 -0.40 0.00 | 7.86 -0.31 0.00 | 7.55 -0.30 0.00 | 13.64 -0.54 0.00 | 15.50 -0.63 0.00 | 15.65 -0.60 0.00 | 16.84 -0.65 0.00 | 16.93 -0.65 0.00 | 17.66 -0.66 0.00 | 17.96 -0.67 0.00 | 18.17 -0.68 0.00 | 20.94 -0.78 0.00 | 25.01 -0.93 0.00 | 28.02 -0.99 0.00 | 24.89 -0.85 0.00 | 27.15 -0.90 0.00 | 28.87 -0.98 0.00 | 31.02 -1.03 0.00 | 31.82 -1.08 0.00 | 27.82 -1.01 0.00 | 24.51 -0.91 0.00 | 17.62 -0.70 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 16.84 -0.56 0.00 | 9.06 -0.36 0.00 | 10.59 -0.48 0.00 | 7.77 -0.41 0.00 | 7.44 -0.42 0.00 | 13.44 -0.74 0.00 | 15.21 -0.92 0.00 | 15.44 -0.81 0.00 | 16.52 -0.96 0.00 | 16.61 -0.97 0.00 | 17.38 -0.93 0.00 | 17.66 -0.97 0.00 | 17.81 -1.04 0.00 | 20.43 -1.28 0.00 | -7.00 -1.56 31.39 | -7.00 -1.65 34.35 | -7.00 -1.44 31.30 | 26.62 -1.43 0.00 | 0.17 -1.55 28.12 | -7.00 -1.57 37.48 | -7.00 -1.61 38.29 | -7.00 -1.56 34.27 | -7.00 -1.42 31.00 | -7.00 -1.06 24.25 |
| MARSHVLE_115KV_TB1 80742 | 33.20 1.43 -14.38 | 32.72 0.77 -22.53 | 30.38 0.89 -18.42 | 30.75 0.67 -21.91 | 32.05 0.68 -23.52 | 34.38 1.23 -18.96 | 55.96 1.52 -38.32 | 51.00 1.25 -33.49 | 38.00 1.05 -19.47 | 29.35 0.81 -10.96 | 28.34 0.84 -9.18 | 27.12 0.88 -7.61 | 28.94 0.98 -9.12 | 28.77 1.24 -5.82 | 30.94 1.66 -3.34 | 31.40 1.94 -0.46 | 39.27 1.85 -11.68 | 49.51 2.30 -19.16 | 57.21 2.87 -24.50 | 70.34 3.33 -34.95 | 66.48 3.49 -30.09 | 50.21 3.06 -18.33 | 40.63 2.54 -12.66 | 39.05 1.78 -18.96 |
| MARSH_HILL_WT_PWR 323713 | 18.05 -1.41 -2.07 | 12.01 -0.78 -3.37 | 12.92 -0.91 -2.76 | 10.82 -0.64 -3.28 | 10.78 -0.60 -3.52 | 15.83 -1.08 -2.72 | 19.62 -1.19 -4.69 | 19.65 -1.37 -4.76 | 18.71 -1.61 -2.83 | 17.69 -1.58 -1.69 | 17.96 -1.78 -1.42 | 17.98 -1.83 -1.17 | 18.42 -1.83 -1.41 | 20.42 -2.19 -0.90 | 23.71 -2.75 -0.52 | 26.00 -3.08 -0.07 | 24.74 -2.80 -1.80 | 28.15 -2.86 -2.96 | 30.76 -2.87 -3.78 | 33.26 -3.11 -4.32 | 34.64 -2.90 -4.63 | 29.28 -2.36 -2.82 | 25.19 -2.19 -1.95 | 20.31 -0.93 -2.92 |
| MCINTYRE_115KV_TB2 80467 | 17.17 -0.23 0.00 | 9.30 -0.12 0.00 | 10.91 -0.15 0.00 | 8.04 -0.14 0.00 | 7.71 -0.14 0.00 | 13.95 -0.23 0.00 | 15.75 -0.37 0.00 | 15.95 -0.31 0.00 | 16.98 -0.51 0.00 | 16.91 -0.67 0.00 | 17.64 -0.68 0.00 | 17.91 -0.73 0.00 | 18.09 -0.75 0.00 | 20.83 -0.89 0.00 | 28.91 -1.01 -3.97 | 32.36 -0.99 -4.35 | 28.95 -0.75 -3.96 | 27.46 -0.59 0.00 | 32.93 -0.48 -3.56 | 36.51 -0.29 -4.74 | 37.39 -0.36 -4.85 | 32.61 -0.55 -4.34 | 28.74 -0.61 -3.92 | 20.89 -0.49 -3.07 |
| MECO_____69_KV_BK1 80468 | 32.71 1.46 -13.86 | 31.81 0.79 -21.60 | 29.64 0.91 -17.67 | 29.87 0.69 -21.01 | 31.10 0.70 -22.55 | 33.72 1.26 -18.27 | 55.26 1.56 -37.57 | 49.90 1.33 -32.31 | 37.45 1.17 -18.80 | 29.02 0.93 -10.51 | 28.09 0.97 -8.80 | 26.92 0.99 -7.30 | 28.69 1.11 -8.74 | 28.66 1.37 -5.58 | 30.94 1.79 -3.20 | 31.62 2.18 -0.44 | 39.00 2.06 -11.20 | 49.00 2.58 -18.37 | 56.47 3.13 -23.49 | 69.06 3.53 -33.49 | 65.45 3.72 -28.83 | 49.55 3.17 -17.56 | 40.21 2.64 -12.14 | 38.32 1.83 -18.18 |
| MENANDS___115KV_TB5 355628 | 30.94 0.82 -12.72 | 28.88 0.42 -19.04 | 27.14 0.50 -15.57 | 27.06 0.38 -18.51 | 28.09 0.36 -19.87 | 31.62 0.65 -16.79 | 56.12 0.73 -39.27 | 46.93 0.72 -29.96 | 35.83 0.82 -17.53 | 27.68 0.84 -9.26 | 26.90 0.82 -7.76 | 25.91 0.84 -6.43 | 27.41 0.87 -7.70 | 27.59 0.96 -4.92 | 29.65 0.88 -2.82 | 30.58 1.19 -0.39 | 36.66 1.06 -9.87 | 45.36 1.12 -16.18 | 51.77 1.22 -20.70 | 62.79 1.28 -29.46 | 59.58 1.32 -25.36 | 45.42 1.15 -15.45 | 37.16 1.04 -10.69 | 34.97 0.64 -16.02 |
| MG INDUSTRY___DRP 24185 | 28.88 0.57 -10.91 | 28.44 0.29 -18.73 | 26.72 0.34 -15.31 | 26.65 0.26 -18.21 | 27.65 0.25 -19.54 | 29.01 0.45 -14.38 | 36.00 0.53 -19.34 | 41.54 0.47 -24.82 | 32.19 0.49 -14.22 | 27.15 0.46 -9.11 | 26.40 0.46 -7.63 | 25.41 0.45 -6.33 | 26.89 0.47 -7.58 | 27.10 0.54 -4.84 | 29.32 0.60 -2.77 | 30.28 0.90 -0.38 | 36.24 0.80 -9.71 | 44.87 0.90 -15.92 | 51.22 1.01 -20.36 | 62.06 1.06 -28.95 | 58.97 1.15 -24.92 | 45.04 1.04 -15.18 | 36.86 0.92 -10.52 | 34.66 0.59 -15.75 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| MID___OSWEGATCHIE_HYD 23849 | 17.10 -0.59 -0.30 | 9.56 -0.34 -0.48 | 11.07 -0.40 -0.40 | 8.34 -0.31 -0.47 | 8.07 -0.29 -0.51 | 14.09 -0.48 -0.39 | 16.19 -0.61 -0.67 | 16.35 -0.59 -0.68 | 17.11 -0.77 -0.40 | 16.87 -0.95 -0.24 | 17.53 -0.99 -0.20 | 17.77 -1.02 -0.16 | 17.97 -1.07 -0.20 | 20.65 -1.19 -0.13 | 28.11 -1.32 -3.48 | 31.35 -1.39 -3.74 | 28.29 -1.11 -3.65 | 27.37 -1.09 -0.41 | 32.45 -0.99 -3.58 | 36.03 -0.87 -4.85 | 36.74 -0.99 -4.83 | 31.92 -1.04 -4.13 | 28.00 -1.07 -3.64 | 20.57 -0.79 -3.04 |
| MID___RAQUETTE_HYD 23851 | 16.94 -0.63 -0.17 | 9.35 -0.35 -0.28 | 10.88 -0.42 -0.23 | 8.10 -0.34 -0.27 | 7.81 -0.34 -0.29 | 13.83 -0.58 -0.23 | 15.69 -0.82 -0.39 | 15.90 -0.75 -0.40 | 16.80 -0.91 -0.23 | 16.68 -1.04 -0.14 | 17.37 -1.06 -0.11 | 17.63 -1.10 -0.09 | 17.83 -1.13 -0.11 | 20.49 -1.30 -0.07 | 29.48 -1.53 -5.06 | 32.91 -1.60 -5.50 | 29.55 -1.34 -5.15 | 27.00 -1.29 -0.24 | 33.34 -1.31 -4.80 | 37.24 -1.25 -6.44 | 38.09 -1.32 -6.51 | 33.16 -1.38 -5.71 | 29.22 -1.32 -5.11 | 21.44 -0.99 -4.11 |
| MILLIKEN___1 23584 | 19.58 0.19 -1.99 | 12.75 0.08 -3.25 | 13.84 0.11 -2.66 | 11.43 0.09 -3.16 | 11.33 0.09 -3.39 | 17.01 0.20 -2.63 | 20.94 0.29 -4.52 | 21.11 0.26 -4.59 | 20.33 0.19 -2.65 | 19.27 0.11 -1.58 | 19.70 0.05 -1.33 | 19.79 0.06 -1.10 | 20.25 0.09 -1.32 | 22.69 0.13 -0.84 | 26.64 0.21 -0.48 | 29.21 0.15 -0.07 | 27.61 0.18 -1.69 | 31.10 0.28 -2.77 | 33.81 0.42 -3.54 | 39.02 0.51 -6.46 | 37.94 0.49 -4.55 | 32.06 0.46 -2.77 | 27.56 0.31 -1.83 | 21.31 0.26 -2.74 |
| MILLIKEN___2 23585 | 19.58 0.19 -1.99 | 12.75 0.08 -3.25 | 13.84 0.11 -2.66 | 11.43 0.09 -3.16 | 11.33 0.09 -3.39 | 17.01 0.20 -2.63 | 20.94 0.29 -4.52 | 21.11 0.26 -4.59 | 20.33 0.19 -2.65 | 19.27 0.11 -1.58 | 19.70 0.05 -1.33 | 19.79 0.06 -1.10 | 20.25 0.09 -1.32 | 22.69 0.13 -0.84 | 26.64 0.21 -0.48 | 29.21 0.15 -0.07 | 27.61 0.18 -1.69 | 31.10 0.28 -2.77 | 33.81 0.42 -3.54 | 39.02 0.51 -6.46 | 37.94 0.49 -4.55 | 32.06 0.46 -2.77 | 27.56 0.31 -1.83 | 21.31 0.26 -2.74 |
| MILLIKEN___DIESEL 23629 | 19.58 0.19 -1.99 | 12.75 0.08 -3.25 | 13.84 0.11 -2.66 | 11.43 0.09 -3.16 | 11.33 0.09 -3.39 | 17.01 0.20 -2.63 | 20.94 0.29 -4.52 | 21.11 0.26 -4.59 | 20.33 0.19 -2.65 | 19.27 0.11 -1.58 | 19.70 0.05 -1.33 | 19.79 0.06 -1.10 | 20.25 0.09 -1.32 | 22.69 0.13 -0.84 | 26.64 0.21 -0.48 | 29.21 0.15 -0.07 | 27.61 0.18 -1.69 | 31.10 0.28 -2.77 | 33.81 0.42 -3.54 | 39.02 0.51 -6.46 | 37.94 0.49 -4.55 | 32.06 0.46 -2.77 | 27.56 0.31 -1.83 | 21.31 0.26 -2.74 |
| MILLSEAT___LFGE 323607 | 17.64 -1.25 -1.50 | 11.27 -0.59 -2.45 | 12.36 -0.71 -2.00 | 10.06 -0.49 -2.38 | 9.97 -0.44 -2.55 | 15.26 -0.89 -1.98 | 18.40 -1.13 -3.40 | 18.38 -1.33 -3.46 | 18.03 -1.50 -2.05 | 17.56 -1.25 -1.22 | 17.93 -1.41 -1.03 | 18.05 -1.43 -0.85 | 18.43 -1.43 -1.02 | 20.54 -1.82 -0.65 | 23.83 -2.49 -0.37 | 26.45 -2.61 -0.05 | 24.57 -2.47 -1.31 | 27.67 -2.52 -2.14 | 30.05 -2.54 -2.74 | 32.48 -3.01 -3.44 | 33.56 -2.70 -3.36 | 28.71 -2.16 -2.05 | 24.91 -1.93 -1.41 | 19.39 -1.04 -2.12 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 28.03 1.06 -9.58 | 25.54 0.59 -15.53 | 24.46 0.70 -12.70 | 23.79 0.51 -15.10 | 24.55 0.49 -16.21 | 27.69 0.88 -12.63 | 39.53 1.02 -22.39 | 39.41 1.04 -22.11 | 31.46 1.21 -12.77 | 26.41 1.28 -7.55 | 25.99 1.36 -6.32 | 25.25 1.38 -5.24 | 26.49 1.38 -6.27 | 27.31 1.59 -4.01 | 30.04 1.79 -2.30 | 31.56 2.23 -0.32 | 35.71 1.93 -8.04 | 43.29 2.05 -13.19 | 48.83 2.12 -16.86 | 58.26 2.31 -23.90 | 55.85 2.37 -20.58 | 43.35 1.99 -12.53 | 35.92 1.78 -8.71 | 32.45 1.08 -13.05 |
| MILLWOOD_13_KV_LOAD 356217 | 28.05 1.08 -9.58 | 25.55 0.60 -15.53 | 24.47 0.71 -12.70 | 23.80 0.52 -15.10 | 24.56 0.50 -16.21 | 27.71 0.91 -12.63 | 39.55 1.03 -22.39 | 39.44 1.07 -22.11 | 31.50 1.24 -12.77 | 26.44 1.32 -7.55 | 26.03 1.39 -6.32 | 25.29 1.42 -5.24 | 26.53 1.41 -6.27 | 27.33 1.61 -4.01 | 30.09 1.84 -2.30 | 31.62 2.29 -0.32 | 35.79 2.01 -8.04 | 43.38 2.13 -13.19 | 48.89 2.18 -16.86 | 58.36 2.40 -23.90 | 55.91 2.43 -20.58 | 43.43 2.08 -12.53 | 35.97 1.83 -8.71 | 32.48 1.12 -13.05 |
| MODEL_CITY_ENERGY 24167 | 17.18 -1.77 -1.56 | 11.11 -0.86 -2.55 | 12.14 -1.02 -2.09 | 9.94 -0.71 -2.48 | 9.85 -0.67 -2.66 | 14.89 -1.35 -2.06 | 18.02 -1.64 -3.54 | 18.02 -1.84 -3.60 | 17.58 -2.05 -2.14 | 17.17 -1.69 -1.28 | 17.52 -1.87 -1.07 | 17.60 -1.92 -0.89 | 17.98 -1.92 -1.06 | 19.96 -2.43 -0.68 | 23.12 -3.22 -0.39 | 25.55 -3.51 -0.05 | 23.80 -3.29 -1.36 | 26.81 -3.48 -2.23 | 29.12 -3.58 -2.85 | 31.40 -4.23 -3.58 | 32.42 -3.98 -3.50 | 27.75 -3.20 -2.13 | 24.10 -2.80 -1.47 | 18.91 -1.61 -2.21 |
| MODERN_LFGE___ 323580 | 17.18 -1.77 -1.56 | 11.11 -0.86 -2.55 | 12.14 -1.02 -2.09 | 9.94 -0.71 -2.48 | 9.85 -0.67 -2.66 | 14.89 -1.35 -2.06 | 18.02 -1.64 -3.54 | 18.02 -1.84 -3.60 | 17.58 -2.05 -2.14 | 17.17 -1.69 -1.28 | 17.52 -1.87 -1.07 | 17.60 -1.92 -0.89 | 17.98 -1.92 -1.06 | 19.96 -2.43 -0.68 | 23.12 -3.22 -0.39 | 25.55 -3.51 -0.05 | 23.80 -3.29 -1.36 | 26.81 -3.48 -2.23 | 29.12 -3.58 -2.85 | 31.40 -4.23 -3.58 | 32.42 -3.98 -3.50 | 27.75 -3.20 -2.13 | 24.10 -2.80 -1.47 | 18.91 -1.61 -2.21 |
| MOHAWK_PAPER___DRP 24187 | 31.10 0.85 -12.86 | 28.94 0.45 -19.07 | 27.20 0.53 -15.60 | 27.11 0.39 -18.55 | 28.14 0.38 -19.91 | 31.84 0.69 -16.96 | 57.58 0.79 -40.67 | 47.35 0.76 -30.33 | 36.12 0.87 -17.77 | 27.74 0.88 -9.28 | 26.95 0.86 -7.77 | 25.95 0.88 -6.44 | 27.46 0.90 -7.71 | 27.66 1.02 -4.93 | 29.76 0.99 -2.82 | 30.70 1.31 -0.39 | 36.78 1.16 -9.89 | 45.53 1.26 -16.21 | 51.96 1.37 -20.73 | 63.01 1.44 -29.51 | 59.82 1.51 -25.41 | 45.62 1.33 -15.47 | 37.28 1.14 -10.71 | 35.08 0.71 -16.04 |
| MOHICAN___35_KV_115KV_LD 80490 | 31.26 1.08 -12.78 | 29.52 0.58 -19.51 | 27.69 0.66 -15.96 | 27.66 0.51 -18.98 | 28.72 0.50 -20.37 | 31.95 0.91 -16.86 | 54.40 1.13 -37.15 | 47.24 1.02 -29.96 | 36.01 1.05 -17.48 | 28.02 0.95 -9.49 | 27.24 0.97 -7.95 | 26.22 0.99 -6.59 | 27.79 1.06 -7.89 | 27.99 1.24 -5.04 | 30.29 1.45 -2.89 | 31.28 1.89 -0.40 | 37.17 1.31 -10.11 | 46.16 1.51 -16.59 | 52.85 1.79 -21.21 | 64.17 1.92 -30.19 | 60.93 2.04 -25.99 | 46.33 1.67 -15.83 | 37.81 1.42 -10.96 | 35.67 0.93 -16.42 |
| MONGAUP___HYD 23641 | 27.02 0.85 -8.77 | 24.16 0.50 -14.24 | 23.30 0.59 -11.64 | 22.46 0.44 -13.85 | 23.13 0.42 -14.86 | 26.50 0.75 -11.57 | 37.41 0.84 -20.45 | 37.32 0.81 -20.26 | 30.07 0.93 -11.66 | 25.37 0.90 -6.90 | 25.03 0.93 -5.78 | 24.36 0.93 -4.79 | 25.52 0.94 -5.74 | 26.46 1.09 -3.66 | 29.29 1.25 -2.10 | 30.89 1.59 -0.29 | 34.50 1.41 -7.35 | 41.73 1.63 -12.05 | 47.05 1.79 -15.41 | 56.05 2.05 -21.95 | 53.93 2.14 -18.90 | 42.18 1.85 -11.51 | 34.99 1.60 -7.96 | 31.23 0.99 -11.93 |
| MONTAUK___DIESEL 23721 | 28.34 1.30 -9.64 | 25.75 0.71 -15.62 | 24.80 0.95 -12.78 | 24.13 0.76 -15.19 | 24.87 0.71 -16.31 | 28.32 1.43 -12.70 | 40.22 1.56 -22.54 | 40.34 1.84 -22.25 | 32.02 1.68 -12.85 | 26.58 1.41 -7.59 | 26.28 1.61 -6.35 | 25.45 1.55 -5.27 | 26.08 0.92 -6.31 | 26.79 1.04 -4.03 | 29.38 1.12 -2.31 | 31.14 1.68 -0.46 | 35.18 1.34 -8.10 | 43.46 2.13 -13.27 | 49.36 2.54 -16.97 | 60.20 2.82 -25.33 | 60.12 2.90 -24.32 | 46.01 2.13 -15.05 | 36.10 1.91 -8.76 | 32.36 0.92 -13.13 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 17.87 -1.30 -1.78 | 11.72 -0.60 -2.91 | 12.74 -0.71 -2.38 | 10.50 -0.50 -2.83 | 10.43 -0.46 -3.03 | 15.61 -0.92 -2.35 | 19.15 -1.02 -4.04 | 19.14 -1.22 -4.10 | 18.35 -1.50 -2.37 | 17.82 -1.18 -1.41 | 18.18 -1.32 -1.18 | 18.26 -1.36 -0.98 | 18.70 -1.32 -1.18 | 20.75 -1.72 -0.75 | 24.10 -2.28 -0.43 | 26.57 -2.49 -0.06 | 24.88 -2.37 -1.51 | 28.20 -2.33 -2.47 | 30.41 -2.60 -3.16 | 33.00 -3.11 -4.06 | 33.73 -3.16 -3.99 | 28.72 -2.54 -2.43 | 24.59 -2.47 -1.63 | 19.33 -1.43 -2.45 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| MORRIS_RIDGE___SOLAR 323848 | 18.08 -1.32 -2.01 | 12.01 -0.69 -3.28 | 12.94 -0.81 -2.68 | 10.79 -0.57 -3.19 | 10.74 -0.53 -3.42 | 15.81 -1.02 -2.65 | 19.51 -1.18 -4.56 | 19.50 -1.38 -4.63 | 18.59 -1.64 -2.75 | 17.71 -1.51 -1.64 | 18.01 -1.68 -1.37 | 18.04 -1.73 -1.14 | 18.47 -1.73 -1.36 | 20.46 -2.13 -0.87 | 23.80 -2.65 -0.50 | 26.11 -2.96 -0.07 | 24.73 -2.75 -1.75 | 28.14 -2.78 -2.87 | 30.71 -2.81 -3.67 | 33.42 -3.11 -4.48 | 34.50 -2.90 -4.50 | 29.26 -2.31 -2.74 | 25.24 -2.08 -1.89 | 20.04 -1.12 -2.84 |
| MORTIMER_115KV_TB3 55949 | 17.90 -0.80 -1.31 | 11.17 -0.39 -2.14 | 12.35 -0.46 -1.75 | 9.94 -0.31 -2.08 | 9.81 -0.27 -2.23 | 15.35 -0.55 -1.72 | 18.38 -0.71 -2.97 | 18.39 -0.88 -3.01 | 18.21 -1.01 -1.74 | 17.86 -0.76 -1.04 | 18.31 -0.88 -0.87 | 18.50 -0.86 -0.72 | 18.86 -0.85 -0.86 | 21.16 -1.11 -0.55 | 24.68 -1.58 -0.32 | 27.39 -1.65 -0.04 | 25.30 -1.54 -1.11 | 28.41 -1.46 -1.81 | 30.62 -1.55 -2.32 | 33.15 -1.92 -3.02 | 34.19 -1.65 -2.93 | 29.40 -1.21 -1.78 | 25.46 -1.17 -1.20 | 19.49 -0.62 -1.80 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.62 0.77 -12.78 | 23.94 0.57 -15.19 | 24.71 0.55 -16.31 | 27.88 0.99 -12.70 | 39.79 1.13 -22.53 | 39.67 1.17 -22.25 | 31.70 1.36 -12.85 | 26.67 1.49 -7.59 | 26.23 1.56 -6.36 | 25.49 1.58 -5.27 | 26.74 1.58 -6.31 | 27.57 1.82 -4.03 | 30.33 2.08 -2.31 | 31.87 2.55 -0.32 | 36.04 2.21 -8.09 | 43.72 2.38 -13.28 | 49.20 2.39 -16.97 | 58.73 2.63 -24.05 | 56.30 2.70 -20.71 | 43.66 2.22 -12.61 | 36.20 2.01 -8.77 | 32.69 1.25 -13.13 |
| MUNSVILLE_WIND_PWR 323609 | 21.26 0.87 -2.99 | 14.74 0.43 -4.89 | 15.55 0.49 -4.00 | 13.30 0.37 -4.75 | 13.34 0.38 -5.10 | 18.86 0.74 -3.95 | 23.84 0.92 -6.80 | 24.03 0.88 -6.90 | 22.75 0.65 -4.62 | 20.71 0.37 -2.76 | 20.94 0.31 -2.31 | 20.89 0.34 -1.91 | 21.44 0.30 -2.29 | 23.68 0.50 -1.46 | 27.67 0.88 -0.84 | 30.19 1.07 -0.11 | 29.91 1.24 -2.94 | 34.27 1.40 -4.82 | 37.83 1.82 -6.16 | 43.47 2.08 -9.34 | 42.39 1.94 -7.55 | 35.10 1.67 -4.60 | 29.86 1.25 -3.18 | 23.98 0.90 -4.77 |
| N SALMON___HYD 24042 | 16.89 -0.51 0.00 | 9.11 -0.31 0.00 | 10.66 -0.41 0.00 | 7.81 -0.36 0.00 | 7.48 -0.37 0.00 | 13.56 -0.62 0.00 | 15.33 -0.79 0.00 | 15.59 -0.67 0.00 | 16.63 -0.86 0.00 | 16.68 -0.90 0.00 | 17.44 -0.88 0.00 | 17.70 -0.93 0.00 | 17.86 -0.98 0.00 | 20.52 -1.19 0.00 | 46.22 -1.48 -21.76 | 51.30 -1.51 -23.81 | 46.17 -1.26 -21.69 | 26.88 -1.18 0.00 | 48.09 -1.25 -19.49 | 56.90 -1.12 -25.98 | 58.29 -1.15 -26.54 | 51.25 -1.33 -23.75 | 45.64 -1.27 -21.49 | 34.15 -0.97 -16.81 |
| N.AKRON__115KV_KNAPP 355671 | 17.62 -1.29 -1.51 | 11.27 -0.61 -2.46 | 12.35 -0.73 -2.01 | 10.07 -0.50 -2.39 | 9.97 -0.46 -2.57 | 15.25 -0.92 -1.99 | 18.39 -1.16 -3.42 | 18.37 -1.37 -3.48 | 17.90 -1.59 -2.01 | 17.51 -1.27 -1.20 | 17.89 -1.43 -1.00 | 18.01 -1.45 -0.83 | 18.39 -1.45 -1.00 | 20.51 -1.85 -0.64 | 23.80 -2.52 -0.37 | 26.39 -2.67 -0.05 | 24.54 -2.47 -1.28 | 27.76 -2.38 -2.09 | 29.99 -2.54 -2.68 | 32.47 -3.04 -3.46 | 33.52 -2.76 -3.38 | 28.75 -2.13 -2.06 | 24.85 -1.96 -1.38 | 19.33 -1.06 -2.07 |
| N.BELMOR_69_KV_BK1 55787 | 28.41 1.37 -9.64 | 25.77 0.73 -15.62 | 24.72 0.87 -12.78 | 24.02 0.65 -15.19 | 24.78 0.62 -16.31 | 28.08 1.19 -12.70 | 39.92 1.26 -22.54 | 39.92 1.41 -22.25 | 31.84 1.50 -12.85 | 26.61 1.44 -7.59 | 26.37 1.69 -6.37 | 25.62 1.70 -5.29 | 26.66 1.49 -6.33 | 27.55 1.78 -4.05 | 30.40 2.13 -2.33 | 32.94 2.81 -1.13 | 36.30 2.39 -8.17 | 43.87 2.52 -13.29 | 49.45 2.63 -16.97 | 66.05 2.88 -31.12 | 76.69 2.96 -40.83 | 57.57 2.51 -26.24 | 36.47 2.26 -8.78 | 32.80 1.34 -13.15 |
| N.E_GEN_SANDY PD 24062 | 30.20 1.15 -11.66 | 27.64 0.60 -17.62 | 26.20 0.72 -14.41 | 25.85 0.54 -17.13 | 26.75 0.51 -18.39 | 33.10 0.92 -18.00 | 49.30 1.00 -32.18 | 44.00 1.02 -26.72 | 34.20 1.19 -15.53 | 27.36 1.23 -8.55 | 26.70 1.23 -7.16 | 25.80 1.23 -5.94 | 27.19 1.24 -7.11 | 27.60 1.35 -4.54 | 29.87 1.32 -2.60 | 31.10 1.74 -0.36 | 36.42 1.57 -9.11 | 44.70 1.71 -14.93 | 50.80 1.85 -19.10 | 61.26 1.96 -27.25 | 58.40 2.04 -23.46 | 44.90 1.79 -14.29 | 36.87 1.58 -9.87 | 34.05 0.95 -14.78 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 27.72 1.04 -9.28 | 25.06 0.58 -15.06 | 24.07 0.69 -12.32 | 23.34 0.51 -14.65 | 24.07 0.49 -15.72 | 27.32 0.89 -12.24 | 38.82 1.02 -21.68 | 38.74 1.04 -21.44 | 31.14 1.21 -12.45 | 26.20 1.27 -7.35 | 25.81 1.34 -6.16 | 25.10 1.36 -5.11 | 26.32 1.36 -6.12 | 27.19 1.56 -3.91 | 29.98 1.79 -2.24 | 31.55 2.23 -0.31 | 35.48 1.90 -7.84 | 42.93 2.02 -12.86 | 48.35 2.06 -16.44 | 57.61 2.28 -23.29 | 55.28 2.34 -20.05 | 43.05 2.02 -12.21 | 35.70 1.78 -8.49 | 32.14 1.10 -12.72 |
| N.QUEENS_27_KV_LOAD 356247 | 28.29 1.25 -9.64 | 25.76 0.72 -15.63 | 24.70 0.85 -12.78 | 24.00 0.63 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.77 1.11 -22.53 | 39.62 1.12 -22.25 | 31.70 1.36 -12.85 | 26.73 1.56 -7.58 | 26.30 1.63 -6.36 | 25.56 1.66 -5.26 | 26.81 1.66 -6.30 | 27.69 1.93 -4.04 | 30.43 2.15 -2.33 | 31.99 2.64 -0.34 | 36.07 2.24 -8.09 | 43.78 2.44 -13.28 | 49.20 2.39 -16.97 | 58.73 2.63 -24.05 | 56.27 2.66 -20.70 | 43.63 2.19 -12.61 | 36.25 2.06 -8.77 | 32.80 1.36 -13.13 |
| N.TROY___115KV_TB1 355778 | 31.16 0.97 -12.79 | 29.16 0.52 -19.23 | 27.40 0.61 -15.72 | 27.33 0.46 -18.70 | 28.36 0.44 -20.07 | 31.85 0.79 -16.88 | 56.02 0.92 -38.98 | 47.24 0.89 -30.09 | 36.06 0.98 -17.60 | 27.92 0.98 -9.35 | 27.10 0.95 -7.83 | 26.10 0.97 -6.50 | 27.62 1.00 -7.78 | 27.79 1.11 -4.97 | 29.96 1.17 -2.85 | 30.93 1.54 -0.39 | 37.07 1.36 -9.97 | 45.94 1.54 -16.35 | 52.46 1.70 -20.90 | 63.60 1.79 -29.75 | 60.39 1.88 -25.61 | 46.10 1.67 -15.60 | 37.68 1.45 -10.80 | 35.39 0.90 -16.18 |
| NARROWS_GT1_1 24228 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT1_2 24229 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT1_3 24230 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT1_4 24231 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT1_5 24232 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT1_6 24233 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT1_7 24234 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT1_8 24235 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT2_1 24236 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT2_2 24237 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT2_3 24238 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT2_4 24239 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT2_5 24240 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT2_6 24241 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT2_7 24242 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NARROWS_GT2_8 24243 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 28.67 0.80 -10.47 | 27.87 0.31 -18.14 | 26.26 0.35 -14.83 | 26.08 0.27 -17.64 | 27.05 0.27 -18.93 | 28.56 0.58 -13.80 | 34.55 0.84 -17.59 | 40.78 0.76 -23.76 | 31.89 0.80 -13.60 | 26.79 0.39 -8.82 | 26.07 0.37 -7.39 | 25.12 0.35 -6.13 | 26.56 0.38 -7.34 | 26.84 0.43 -4.68 | 29.05 0.42 -2.69 | 30.42 1.04 -0.37 | 35.84 0.69 -9.40 | 44.34 0.87 -15.42 | 50.65 1.07 -19.72 | 61.25 1.19 -28.01 | 58.30 1.28 -24.11 | 44.64 1.12 -14.69 | 36.58 0.97 -10.19 | 34.15 0.57 -15.26 |
| NCHELSEA_115KV_TR2 355582 | 28.05 1.04 -9.61 | 25.61 0.58 -15.61 | 24.53 0.70 -12.76 | 23.87 0.51 -15.18 | 24.63 0.49 -16.29 | 27.73 0.88 -12.67 | 39.44 0.98 -22.33 | 39.45 1.01 -22.18 | 31.47 1.15 -12.83 | 26.33 1.16 -7.59 | 25.90 1.23 -6.36 | 25.14 1.23 -5.28 | 26.40 1.24 -6.32 | 27.18 1.43 -4.03 | 29.89 1.63 -2.31 | 31.41 2.09 -0.32 | 35.69 1.85 -8.09 | 43.35 2.02 -13.27 | 48.94 2.12 -16.97 | 58.43 2.34 -24.04 | 56.00 2.40 -20.70 | 43.51 2.08 -12.61 | 36.03 1.83 -8.77 | 32.57 1.12 -13.14 |
| NEG CAPITAL___MECHNVIL 23645 | 31.22 1.04 -12.78 | 29.39 0.56 -19.41 | 27.59 0.64 -15.87 | 27.53 0.48 -18.88 | 28.59 0.48 -20.26 | 31.89 0.85 -16.86 | 54.86 1.02 -37.72 | 47.20 0.96 -29.99 | 35.98 1.01 -17.49 | 27.98 0.97 -9.43 | 27.18 0.97 -7.90 | 26.17 0.99 -6.55 | 27.74 1.05 -7.84 | 27.94 1.22 -5.01 | 30.19 1.37 -2.87 | 31.17 1.77 -0.39 | 37.31 1.52 -10.05 | 46.27 1.74 -16.48 | 52.89 1.97 -21.08 | 64.17 2.08 -30.04 | 60.93 2.17 -25.86 | 46.42 1.85 -15.75 | 37.92 1.60 -10.89 | 35.67 1.04 -16.31 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NEG CENTRAL_HIGH_ACRES 23767 | 17.72 -0.94 -1.26 | 11.00 -0.48 -2.06 | 12.20 -0.55 -1.69 | 9.80 -0.38 -2.01 | 9.66 -0.35 -2.16 | 15.18 -0.67 -1.67 | 18.17 -0.82 -2.87 | 18.23 -0.94 -2.91 | 18.19 -1.03 -1.73 | 17.74 -0.88 -1.03 | 18.19 -0.99 -0.87 | 18.38 -0.97 -0.72 | 18.74 -0.96 -0.86 | 21.05 -1.22 -0.55 | 24.60 -1.66 -0.31 | 27.34 -1.71 -0.04 | 25.19 -1.65 -1.10 | 28.18 -1.68 -1.81 | 30.49 -1.67 -2.31 | 33.02 -2.02 -2.99 | 33.96 -1.78 -2.84 | 29.08 -1.47 -1.73 | 25.30 -1.32 -1.19 | 19.32 -0.79 -1.79 |
| NEG CENTRAL___DRP 24199 | 18.48 -0.26 -1.34 | 11.46 -0.15 -2.19 | 12.70 -0.17 -1.79 | 10.21 -0.10 -2.13 | 10.06 -0.09 -2.29 | 15.81 -0.14 -1.77 | 19.06 -0.11 -3.05 | 19.19 -0.16 -3.10 | 19.03 -0.24 -1.79 | 18.40 -0.25 -1.07 | 18.90 -0.31 -0.89 | 19.08 -0.30 -0.74 | 19.45 -0.28 -0.89 | 21.96 -0.33 -0.57 | 25.86 -0.42 -0.32 | 28.53 -0.52 -0.04 | 26.38 -0.49 -1.13 | 29.47 -0.45 -1.86 | 31.84 -0.39 -2.38 | 34.79 -0.45 -3.19 | 35.56 -0.36 -3.02 | 30.37 -0.29 -1.84 | 26.33 -0.33 -1.23 | 20.03 -0.13 -1.84 |
| NEG CENTRAL___INDECK 23768 | 18.62 -0.54 -1.77 | 12.02 -0.28 -2.88 | 13.11 -0.32 -2.36 | 10.78 -0.20 -2.81 | 10.70 -0.17 -3.01 | 16.20 -0.31 -2.33 | 19.75 -0.39 -4.01 | 19.71 -0.62 -4.07 | 19.07 -0.84 -2.42 | 18.20 -0.83 -1.44 | 18.54 -0.99 -1.21 | 18.61 -1.02 -1.00 | 19.03 -1.02 -1.20 | 21.22 -1.26 -0.77 | 23.92 -2.47 -0.44 | 26.45 -2.61 -0.06 | 24.91 -2.37 -1.54 | 28.31 -2.27 -2.52 | 31.02 -2.06 -3.23 | 33.77 -2.18 -3.90 | 36.04 -0.82 -3.96 | 30.57 -0.66 -2.41 | 26.41 -0.69 -1.67 | 20.58 -0.24 -2.50 |
| NEG CENTRAL___SENECA 23627 | 18.54 -0.35 -1.49 | 11.66 -0.20 -2.44 | 12.85 -0.21 -2.00 | 10.42 -0.13 -2.37 | 10.29 -0.11 -2.55 | 15.95 -0.20 -1.97 | 19.34 -0.18 -3.39 | 19.42 -0.28 -3.44 | 19.09 -0.38 -1.99 | 18.41 -0.35 -1.19 | 18.87 -0.44 -0.99 | 19.03 -0.43 -0.82 | 19.41 -0.41 -0.99 | 21.85 -0.50 -0.63 | 25.63 -0.67 -0.36 | 28.33 -0.73 -0.05 | 26.33 -0.67 -1.26 | 29.57 -0.56 -2.07 | 31.99 -0.51 -2.65 | 34.75 -0.61 -3.31 | 35.76 -0.49 -3.35 | 30.52 -0.35 -2.04 | 26.36 -0.43 -1.37 | 20.18 -0.18 -2.05 |
| NEG CENTRAL___STATE_STREET 24147 | 18.61 -0.09 -1.30 | 11.48 -0.07 -2.13 | 12.74 -0.07 -1.74 | 10.20 -0.04 -2.07 | 10.04 -0.03 -2.22 | 15.87 -0.03 -1.72 | 19.11 0.03 -2.95 | 19.27 0.02 -3.00 | 19.20 -0.02 -1.73 | 18.56 -0.05 -1.03 | 19.09 -0.09 -0.86 | 19.28 -0.07 -0.72 | 19.66 -0.04 -0.86 | 22.24 -0.02 -0.55 | 26.26 0.00 -0.31 | 28.90 -0.15 -0.04 | 26.68 -0.15 -1.10 | 29.72 -0.14 -1.80 | 32.10 -0.06 -2.31 | 35.50 -0.06 -3.52 | 35.77 -0.07 -2.93 | 30.55 -0.06 -1.78 | 26.52 -0.10 -1.19 | 20.08 -0.02 -1.78 |
| NEG MILLWOOD___DRP 24198 | 28.22 1.11 -9.71 | 25.81 0.62 -15.76 | 24.70 0.74 -12.89 | 24.05 0.55 -15.33 | 24.83 0.52 -16.45 | 27.93 0.94 -12.81 | 39.86 1.08 -22.65 | 39.81 1.12 -22.43 | 31.73 1.28 -12.97 | 26.51 1.27 -7.67 | 26.09 1.36 -6.42 | 25.34 1.38 -5.32 | 26.61 1.39 -6.38 | 27.37 1.59 -4.07 | 30.10 1.82 -2.33 | 31.61 2.29 -0.32 | 35.97 2.06 -8.17 | 43.67 2.22 -13.40 | 49.34 2.36 -17.13 | 58.90 2.56 -24.28 | 56.44 2.63 -20.91 | 43.81 2.25 -12.73 | 36.24 1.96 -8.85 | 32.77 1.19 -13.26 |
| NEG NORTH_FLCN_SEA 23793 | 16.98 -0.42 0.00 | 9.14 -0.28 0.00 | 10.68 -0.39 0.00 | 7.83 -0.34 0.00 | 7.49 -0.36 0.00 | 13.56 -0.62 0.00 | 15.33 -0.79 0.00 | 15.59 -0.67 0.00 | 16.71 -0.77 0.00 | 16.75 -0.83 0.00 | 17.53 -0.79 0.00 | 17.80 -0.84 0.00 | 17.96 -0.89 0.00 | 20.59 -1.13 0.00 | -7.11 -1.38 31.68 | -7.11 -1.45 34.67 | -7.08 -1.24 31.58 | 26.88 -1.18 0.00 | 0.19 -1.28 28.38 | -7.02 -1.25 37.82 | -7.02 -1.28 38.64 | -7.11 -1.35 34.58 | -7.11 -1.25 31.29 | -7.11 -0.95 24.48 |
| NEG NORTH_KES_CHATEGAY 23792 | 16.82 -0.57 0.00 | 9.05 -0.37 0.00 | 10.59 -0.48 0.00 | 7.76 -0.42 0.00 | 7.43 -0.42 0.00 | 13.43 -0.75 0.00 | 15.19 -0.94 0.00 | 15.43 -0.83 0.00 | 16.54 -0.94 0.00 | 16.58 -1.00 0.00 | 17.35 -0.97 0.00 | 17.61 -1.02 0.00 | 17.77 -1.07 0.00 | 20.39 -1.32 0.00 | -9.41 -1.61 33.75 | -9.64 -1.71 36.93 | -9.38 -1.47 33.65 | 26.62 -1.43 0.00 | -1.94 -1.55 30.24 | -9.79 -1.54 40.30 | -9.85 -1.58 41.17 | -9.61 -1.59 36.84 | -9.36 -1.45 33.33 | -8.86 -1.10 26.08 |
| NEG NORTH___ALICE_FALLS 23915 | 17.00 -0.40 0.00 | 9.15 -0.27 0.00 | 10.69 -0.38 0.00 | 7.83 -0.34 0.00 | 7.50 -0.35 0.00 | 13.57 -0.61 0.00 | 15.37 -0.76 0.00 | 15.62 -0.63 0.00 | 16.73 -0.75 0.00 | 16.77 -0.81 0.00 | 17.53 -0.79 0.00 | 17.80 -0.84 0.00 | 17.96 -0.89 0.00 | 20.61 -1.11 0.00 | -7.36 -1.30 32.01 | -7.39 -1.36 35.03 | -7.31 -1.13 31.91 | 26.93 -1.12 0.00 | 0.01 -1.16 28.68 | -7.19 -1.03 38.22 | -7.23 -1.09 39.04 | -7.33 -1.21 34.94 | -7.33 -1.14 31.61 | -7.29 -0.88 24.73 |
| NEG NORTH___LWR_SARANAC 23913 | 17.00 -0.40 0.00 | 9.15 -0.27 0.00 | 10.69 -0.38 0.00 | 7.83 -0.34 0.00 | 7.50 -0.35 0.00 | 13.57 -0.61 0.00 | 15.37 -0.76 0.00 | 15.62 -0.63 0.00 | 16.73 -0.75 0.00 | 16.77 -0.81 0.00 | 17.53 -0.79 0.00 | 17.80 -0.84 0.00 | 17.96 -0.89 0.00 | 20.61 -1.11 0.00 | -7.36 -1.30 32.01 | -7.39 -1.36 35.03 | -7.31 -1.13 31.91 | 26.93 -1.12 0.00 | 0.01 -1.16 28.68 | -7.19 -1.03 38.22 | -7.23 -1.09 39.04 | -7.33 -1.21 34.94 | -7.33 -1.14 31.61 | -7.29 -0.88 24.73 |
| NEG NORTH___PLATTSBURG 23628 | 17.00 -0.40 0.00 | 9.15 -0.27 0.00 | 10.69 -0.38 0.00 | 7.83 -0.34 0.00 | 7.50 -0.35 0.00 | 13.57 -0.61 0.00 | 15.37 -0.76 0.00 | 15.62 -0.63 0.00 | 16.68 -0.80 0.00 | 16.75 -0.83 0.00 | 17.53 -0.79 0.00 | 17.80 -0.84 0.00 | 17.96 -0.89 0.00 | 20.61 -1.11 0.00 | -7.36 -1.30 32.01 | -7.39 -1.36 35.03 | -7.31 -1.13 31.91 | 26.93 -1.12 0.00 | 0.01 -1.16 28.68 | -7.22 -1.06 38.22 | -7.23 -1.08 39.04 | -7.30 -1.18 34.94 | -7.33 -1.14 31.61 | -7.29 -0.88 24.73 |
| NEG WEST_LEA_LOCKPORT 23791 | 17.33 -1.62 -1.55 | 11.18 -0.77 -2.53 | 12.22 -0.92 -2.07 | 9.99 -0.65 -2.46 | 9.90 -0.60 -2.64 | 15.00 -1.22 -2.04 | 18.16 -1.48 -3.52 | 18.14 -1.69 -3.57 | 17.61 -1.94 -2.06 | 17.26 -1.55 -1.23 | 17.63 -1.72 -1.03 | 17.72 -1.77 -0.85 | 18.11 -1.75 -1.02 | 20.11 -2.26 -0.65 | 23.34 -2.98 -0.38 | 25.81 -3.25 -0.05 | 24.04 -3.01 -1.31 | 27.20 -3.00 -2.15 | 29.35 -3.25 -2.75 | 31.72 -3.88 -3.55 | 32.75 -3.62 -3.47 | 28.14 -2.80 -2.11 | 24.33 -2.52 -1.42 | 19.02 -1.43 -2.13 |
| NEG WEST___LANCASTER 23811 | 17.33 -1.83 -1.76 | 11.39 -0.91 -2.88 | 12.34 -1.08 -2.36 | 10.21 -0.77 -2.80 | 10.14 -0.72 -3.01 | 15.09 -1.42 -2.33 | 18.50 -1.63 -4.00 | 18.50 -1.82 -4.07 | 17.73 -2.10 -2.35 | 17.19 -1.79 -1.40 | 17.55 -1.94 -1.17 | 17.60 -2.01 -0.97 | 18.01 -2.00 -1.17 | 19.99 -2.48 -0.75 | 23.18 -3.19 -0.43 | 25.55 -3.51 -0.06 | 23.99 -3.24 -1.49 | 27.19 -3.31 -2.45 | 29.40 -3.58 -3.13 | 31.95 -4.13 -4.03 | 32.84 -4.01 -3.95 | 28.12 -3.11 -2.41 | 24.20 -2.85 -1.62 | 19.07 -1.67 -2.42 |
| NEG_PENN_ALLEGHNY 23528 | 20.47 -0.05 -3.13 | 14.49 -0.04 -5.11 | 15.21 -0.03 -4.18 | 13.13 -0.01 -4.97 | 13.17 -0.01 -5.33 | 18.30 0.00 -4.12 | 23.25 0.03 -7.10 | 23.46 0.00 -7.21 | 21.76 -0.03 -4.31 | 20.12 -0.04 -2.57 | 20.40 -0.07 -2.16 | 20.35 -0.07 -1.79 | 20.93 -0.06 -2.14 | 23.02 -0.06 -1.37 | 26.65 -0.08 -0.78 | 29.00 -0.12 -0.11 | 28.38 -0.10 -2.74 | 32.41 -0.14 -4.50 | 35.51 -0.09 -5.75 | 39.88 -0.13 -7.96 | 39.84 -0.10 -7.04 | 33.11 0.00 -4.29 | 28.35 -0.05 -2.97 | 22.79 0.02 -4.45 |
| NEG___GEN_MONROE 24207 | 17.88 -0.84 -1.32 | 11.16 -0.41 -2.15 | 12.34 -0.49 -1.76 | 9.93 -0.34 -2.09 | 9.81 -0.29 -2.25 | 15.34 -0.58 -1.74 | 18.36 -0.76 -2.99 | 18.37 -0.93 -3.04 | 18.12 -1.12 -1.75 | 17.76 -0.86 -1.05 | 18.20 -0.99 -0.88 | 18.37 -0.99 -0.73 | 18.71 -1.00 -0.87 | 20.99 -1.28 -0.56 | 24.45 -1.82 -0.32 | 27.13 -1.91 -0.04 | 25.08 -1.78 -1.12 | 28.20 -1.68 -1.83 | 30.46 -1.73 -2.34 | 33.05 -2.05 -3.05 | 34.11 -1.74 -2.95 | 29.36 -1.27 -1.80 | 25.41 -1.22 -1.21 | 19.50 -0.62 -1.81 |

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| NEPA___ENERGY 23901 | 18.01 -1.18 -1.80 | 11.79 -0.57 -2.93 | 12.79 -0.68 -2.40 | 10.56 -0.47 -2.85 | 10.48 -0.43 -3.06 | 15.67 -0.88 -2.37 | 19.20 -1.00 -4.08 | 19.18 -1.22 -4.14 | 18.44 -1.43 -2.39 | 17.86 -1.14 -1.43 | 18.25 -1.26 -1.19 | 18.30 -1.32 -0.99 | 18.73 -1.30 -1.19 | 20.78 -1.69 -0.76 | 24.15 -2.23 -0.44 | 26.63 -2.44 -0.06 | 24.94 -2.32 -1.52 | 28.19 -2.36 -2.50 | 30.50 -2.54 -3.19 | 33.15 -3.01 -4.11 | 34.03 -2.90 -4.02 | 29.20 -2.08 -2.45 | 25.09 -1.98 -1.65 | 19.74 -1.04 -2.47 |
| NEVERSink___HYD 23608 | 26.88 0.82 -8.67 | 24.05 0.47 -14.16 | 23.21 0.56 -11.58 | 22.36 0.42 -13.77 | 23.03 0.40 -14.77 | 26.33 0.72 -11.43 | 36.61 0.81 -19.68 | 37.05 0.81 -19.98 | 29.68 0.96 -11.23 | 25.19 0.91 -6.70 | 24.90 0.97 -5.61 | 24.26 0.97 -4.65 | 25.38 0.96 -5.57 | 26.42 1.15 -3.56 | 29.34 1.35 -2.04 | 31.02 1.74 -0.28 | 34.43 1.54 -7.14 | 41.48 1.71 -11.71 | 46.68 1.85 -14.98 | 55.46 2.08 -21.33 | 53.37 2.11 -18.36 | 41.86 1.85 -11.18 | 34.77 1.60 -7.74 | 30.88 0.97 -11.59 |
| NEWKRMKL_115KV_TB1 55635 | 29.84 0.63 -11.82 | 28.80 0.33 -19.06 | 27.04 0.39 -15.58 | 26.99 0.29 -18.53 | 28.03 0.28 -19.89 | 30.28 0.51 -15.59 | 45.03 0.56 -28.34 | 44.15 0.55 -27.34 | 33.94 0.63 -15.83 | 27.50 0.65 -9.27 | 26.72 0.64 -7.76 | 25.73 0.65 -6.44 | 27.23 0.68 -7.71 | 27.40 0.76 -4.92 | 29.52 0.75 -2.82 | 30.43 1.04 -0.39 | 36.52 0.90 -9.88 | 45.21 0.95 -16.20 | 51.58 1.01 -20.72 | 62.59 1.06 -29.48 | 59.40 1.12 -25.38 | 45.26 0.98 -15.46 | 36.99 0.86 -10.70 | 34.88 0.53 -16.03 |
| NEWTON___FALLS_HYD 23847 | 17.10 -0.59 -0.30 | 9.56 -0.34 -0.48 | 11.07 -0.40 -0.40 | 8.34 -0.31 -0.47 | 8.07 -0.29 -0.51 | 14.09 -0.48 -0.39 | 16.19 -0.61 -0.67 | 16.35 -0.59 -0.68 | 17.11 -0.77 -0.40 | 16.87 -0.95 -0.24 | 17.53 -0.99 -0.20 | 17.77 -1.02 -0.16 | 17.97 -1.07 -0.20 | 20.65 -1.19 -0.13 | 28.11 -1.32 -3.48 | 31.35 -1.39 -3.74 | 28.29 -1.11 -3.65 | 27.37 -1.09 -0.41 | 32.45 -0.99 -3.58 | 36.03 -0.87 -4.85 | 36.74 -0.99 -4.83 | 31.92 -1.04 -4.13 | 28.00 -1.07 -3.64 | 20.57 -0.79 -3.04 |
| NGRID_A1_DSASP 323792 | 17.24 -1.72 -1.57 | 11.17 -0.82 -2.57 | 12.19 -0.97 -2.10 | 9.99 -0.68 -2.50 | 9.90 -0.64 -2.68 | 14.92 -1.33 -2.07 | 18.05 -1.64 -3.57 | 18.06 -1.82 -3.62 | 17.61 -2.03 -2.15 | 17.21 -1.65 -1.28 | 17.56 -1.83 -1.08 | 17.63 -1.90 -0.89 | 18.03 -1.88 -1.07 | 19.99 -2.41 -0.68 | 23.17 -3.17 -0.39 | 25.58 -3.48 -0.05 | 23.81 -3.29 -1.37 | 26.82 -3.48 -2.24 | 29.11 -3.61 -2.87 | 31.36 -4.29 -3.60 | 32.41 -4.02 -3.52 | 27.77 -3.20 -2.14 | 24.16 -2.75 -1.48 | 18.94 -1.59 -2.22 |
| NGRID_A2_DSASP 323793 | 17.24 -1.72 -1.57 | 11.17 -0.82 -2.57 | 12.19 -0.97 -2.10 | 9.99 -0.68 -2.50 | 9.90 -0.64 -2.68 | 14.92 -1.33 -2.07 | 18.05 -1.64 -3.57 | 18.06 -1.82 -3.62 | 17.61 -2.03 -2.15 | 17.21 -1.65 -1.28 | 17.56 -1.83 -1.08 | 17.63 -1.90 -0.89 | 18.03 -1.88 -1.07 | 19.99 -2.41 -0.68 | 23.17 -3.17 -0.39 | 25.58 -3.48 -0.05 | 23.81 -3.29 -1.37 | 26.82 -3.48 -2.24 | 29.11 -3.61 -2.87 | 31.36 -4.29 -3.60 | 32.41 -4.02 -3.52 | 27.77 -3.20 -2.14 | 24.16 -2.75 -1.48 | 18.94 -1.59 -2.22 |
| NGRID_A4_DSASP 323807 | 17.24 -1.72 -1.57 | 11.17 -0.82 -2.57 | 12.19 -0.97 -2.10 | 9.99 -0.68 -2.50 | 9.90 -0.64 -2.68 | 14.92 -1.33 -2.07 | 18.05 -1.64 -3.57 | 18.06 -1.82 -3.62 | 17.61 -2.03 -2.15 | 17.21 -1.65 -1.28 | 17.56 -1.83 -1.08 | 17.63 -1.90 -0.89 | 18.03 -1.88 -1.07 | 19.99 -2.41 -0.68 | 23.17 -3.17 -0.39 | 25.58 -3.48 -0.05 | 23.81 -3.29 -1.37 | 26.82 -3.48 -2.24 | 29.11 -3.61 -2.87 | 31.36 -4.29 -3.60 | 32.41 -4.02 -3.52 | 27.77 -3.20 -2.14 | 24.16 -2.75 -1.48 | 18.94 -1.59 -2.22 |
| NIAGARA_115E_LBMP 323715 | 17.11 -1.86 -1.57 | 11.09 -0.90 -2.57 | 12.10 -1.07 -2.10 | 9.92 -0.75 -2.50 | 9.83 -0.71 -2.68 | 14.84 -1.42 -2.07 | 17.95 -1.74 -3.57 | 17.96 -1.92 -3.62 | 17.50 -2.13 -2.15 | 17.09 -1.77 -1.28 | 17.43 -1.96 -1.08 | 17.51 -2.01 -0.89 | 17.91 -2.00 -1.07 | 19.86 -2.54 -0.68 | 22.99 -3.35 -0.39 | 25.40 -3.66 -0.05 | 23.66 -3.45 -1.37 | 26.65 -3.65 -2.25 | 28.96 -3.76 -2.87 | 31.20 -4.45 -3.60 | 32.24 -4.18 -3.52 | 27.60 -3.37 -2.15 | 23.96 -2.95 -1.48 | 18.82 -1.72 -2.22 |
| NIAGARA_115W_LBMP 323714 | 17.21 -1.76 -1.57 | 11.14 -0.84 -2.56 | 12.17 -1.00 -2.09 | 9.96 -0.70 -2.49 | 9.87 -0.65 -2.67 | 14.89 -1.36 -2.07 | 17.99 -1.69 -3.56 | 18.00 -1.87 -3.61 | 17.57 -2.06 -2.15 | 17.17 -1.69 -1.28 | 17.50 -1.89 -1.07 | 17.59 -1.94 -0.89 | 17.99 -1.92 -1.07 | 19.94 -2.45 -0.68 | 23.09 -3.24 -0.39 | 25.49 -3.57 -0.05 | 23.76 -3.35 -1.37 | 26.76 -3.54 -2.24 | 29.04 -3.67 -2.86 | 31.29 -4.36 -3.59 | 32.33 -4.08 -3.51 | 27.71 -3.26 -2.14 | 24.08 -2.82 -1.48 | 18.90 -1.63 -2.22 |
| NIAGARA_230_LBMP 323716 | 17.35 -1.60 -1.55 | 11.17 -0.78 -2.53 | 12.21 -0.93 -2.07 | 9.99 -0.65 -2.46 | 9.89 -0.60 -2.64 | 14.99 -1.23 -2.04 | 18.14 -1.50 -3.52 | 18.14 -1.69 -3.57 | 17.74 -1.87 -2.12 | 17.32 -1.53 -1.27 | 17.67 -1.70 -1.06 | 17.76 -1.75 -0.88 | 18.14 -1.75 -1.05 | 20.15 -2.24 -0.67 | 23.35 -2.98 -0.39 | 25.78 -3.28 -0.05 | 24.00 -3.09 -1.35 | 27.04 -3.23 -2.22 | 29.34 -3.34 -2.83 | 31.63 -3.98 -3.56 | 32.66 -3.72 -3.47 | 28.00 -2.94 -2.12 | 24.32 -2.57 -1.46 | 19.06 -1.45 -2.19 |
| NIAGARA___115KV_198_GIBSON 55903 | 17.19 -1.77 -1.57 | 11.14 -0.84 -2.56 | 12.17 -1.00 -2.09 | 9.96 -0.70 -2.49 | 9.87 -0.65 -2.67 | 14.89 -1.36 -2.07 | 18.01 -1.68 -3.56 | 18.00 -1.87 -3.61 | 17.46 -2.12 -2.09 | 17.12 -1.71 -1.25 | 17.47 -1.89 -1.04 | 17.56 -1.94 -0.87 | 17.96 -1.92 -1.04 | 19.92 -2.45 -0.66 | 23.11 -3.22 -0.38 | 25.49 -3.57 -0.05 | 23.77 -3.29 -1.33 | 26.89 -3.34 -2.18 | 29.02 -3.61 -2.78 | 31.32 -4.33 -3.59 | 32.33 -4.08 -3.51 | 27.82 -3.14 -2.14 | 24.07 -2.80 -1.44 | 18.84 -1.63 -2.15 |
| NIAGARA___ 23760 | 17.37 -1.60 -1.57 | 11.20 -0.78 -2.57 | 12.24 -0.93 -2.10 | 10.02 -0.65 -2.49 | 9.93 -0.60 -2.68 | 15.02 -1.23 -2.07 | 18.19 -1.50 -3.56 | 18.18 -1.69 -3.61 | 17.76 -1.87 -2.15 | 17.33 -1.53 -1.28 | 17.69 -1.70 -1.07 | 17.77 -1.75 -0.89 | 18.15 -1.75 -1.06 | 20.16 -2.24 -0.68 | 23.35 -2.98 -0.39 | 25.78 -3.28 -0.05 | 24.01 -3.09 -1.36 | 27.06 -3.23 -2.23 | 29.36 -3.34 -2.85 | 31.66 -3.98 -3.58 | 32.68 -3.72 -3.50 | 28.02 -2.94 -2.13 | 24.34 -2.57 -1.48 | 19.09 -1.45 -2.22 |
| NINE_MILE_1 23575 | 17.59 -0.43 -0.63 | 10.20 -0.24 -1.03 | 11.62 -0.29 -0.84 | 8.97 -0.20 -1.00 | 8.73 -0.20 -1.07 | 14.67 -0.34 -0.83 | 17.18 -0.37 -1.43 | 17.33 -0.37 -1.45 | 17.92 -0.42 -0.86 | 17.65 -0.44 -0.51 | 18.29 -0.46 -0.43 | 18.53 -0.47 -0.36 | 18.80 -0.47 -0.43 | 21.47 -0.52 -0.27 | 25.51 -0.60 -0.16 | 28.13 -0.90 -0.02 | 25.49 -0.80 -0.55 | 28.05 -0.90 -0.90 | 30.01 -0.98 -1.15 | 32.63 -1.06 -1.63 | 33.22 -1.08 -1.40 | 28.73 -0.95 -0.86 | 25.23 -0.79 -0.59 | 18.76 -0.44 -0.89 |
| NINE_MILE_2 23744 | 17.59 -0.43 -0.63 | 10.20 -0.24 -1.02 | 11.62 -0.29 -0.84 | 8.97 -0.20 -1.00 | 8.73 -0.20 -1.07 | 14.67 -0.34 -0.83 | 17.18 -0.37 -1.42 | 17.33 -0.37 -1.45 | 17.94 -0.40 -0.86 | 17.65 -0.44 -0.51 | 18.29 -0.46 -0.43 | 18.52 -0.47 -0.36 | 18.80 -0.47 -0.43 | 21.47 -0.52 -0.27 | 25.51 -0.60 -0.16 | 28.13 -0.90 -0.02 | 25.49 -0.80 -0.55 | 28.05 -0.90 -0.89 | 30.01 -0.98 -1.14 | 32.65 -1.03 -1.63 | 33.22 -1.08 -1.40 | 28.73 -0.95 -0.85 | 25.23 -0.79 -0.59 | 18.76 -0.44 -0.88 |
| NM_CAPITAL___DRP 24208 | 30.68 0.77 -12.52 | 28.81 0.40 -19.00 | 27.07 0.46 -15.54 | 27.00 0.35 -18.47 | 28.02 0.34 -19.83 | 31.30 0.61 -16.51 | 53.85 0.68 -37.05 | 46.30 0.67 -29.38 | 35.41 0.77 -17.16 | 27.61 0.79 -9.24 | 26.82 0.77 -7.74 | 25.84 0.78 -6.42 | 27.34 0.81 -7.69 | 27.51 0.89 -4.91 | 29.59 0.83 -2.81 | 30.52 1.13 -0.39 | 36.59 1.00 -9.85 | 45.27 1.07 -16.15 | 51.64 1.13 -20.65 | 62.63 1.19 -29.40 | 59.46 1.25 -25.31 | 45.33 1.10 -15.41 | 37.09 0.99 -10.67 | 34.90 0.60 -15.98 |

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| NM_CENTRAL___DRP 24181 | 18.24 -0.09 -0.93 | 10.86 -0.08 -1.52 | 12.24 -0.07 -1.24 | 9.61 -0.04 -1.48 | 9.39 -0.05 -1.58 | 15.35 -0.06 -1.23 | 18.23 0.00 -2.11 | 18.40 0.00 -2.14 | 18.73 0.00 -1.24 | 18.27 -0.05 -0.74 | 18.88 -0.05 -0.62 | 19.09 -0.06 -0.51 | 19.42 -0.04 -0.62 | 22.11 0.00 -0.39 | 26.22 0.05 -0.23 | 28.89 -0.15 -0.03 | 26.37 -0.15 -0.79 | 29.15 -0.20 -1.29 | 31.30 -0.21 -1.66 | 34.35 -0.19 -2.49 | 34.75 -0.23 -2.08 | 29.86 -0.23 -1.27 | 26.08 -0.20 -0.86 | 19.54 -0.05 -1.28 |
| NM_FRONTIER___DRP 24179 | 17.19 -1.77 -1.57 | 11.14 -0.84 -2.56 | 12.17 -1.00 -2.09 | 9.96 -0.70 -2.49 | 9.87 -0.65 -2.67 | 14.89 -1.36 -2.07 | 18.01 -1.68 -3.56 | 18.00 -1.87 -3.61 | 17.46 -2.12 -2.09 | 17.12 -1.71 -1.25 | 17.47 -1.89 -1.04 | 17.56 -1.94 -0.87 | 17.96 -1.92 -1.04 | 19.92 -2.45 -0.66 | 23.11 -3.22 -0.38 | 25.49 -3.57 -0.05 | 23.77 -3.29 -1.33 | 26.89 -3.34 -2.18 | 29.02 -3.61 -2.78 | 31.32 -4.33 -3.59 | 32.33 -4.08 -3.51 | 27.82 -3.14 -2.14 | 24.07 -2.80 -1.44 | 18.84 -1.63 -2.15 |
| NM_ST_REGIS___HYD 24053 | 16.79 -0.61 0.00 | 9.08 -0.34 0.00 | 10.65 -0.42 0.00 | 7.82 -0.35 0.00 | 7.50 -0.35 0.00 | 13.57 -0.61 0.00 | 15.30 -0.82 0.00 | 15.52 -0.73 0.00 | 16.59 -0.89 0.00 | 16.56 -1.02 0.00 | 17.29 -1.03 0.00 | 17.57 -1.06 0.00 | 17.75 -1.09 0.00 | 20.41 -1.30 0.00 | 32.88 -1.53 -8.46 | 36.67 -1.60 -9.26 | 32.84 -1.34 -8.44 | 26.76 -1.29 0.00 | 36.12 -1.31 -7.58 | 41.35 -1.22 -10.52 | 42.30 -1.28 -10.68 | 36.90 -1.38 -9.46 | 32.46 -1.32 -8.36 | 23.85 -1.01 -6.54 |
| NORTHPORT___1 23551 | 28.46 1.43 -9.64 | 25.80 0.75 -15.62 | 24.76 0.92 -12.78 | 24.06 0.69 -15.19 | 24.81 0.65 -16.31 | 28.18 1.29 -12.70 | 40.00 1.34 -22.54 | 40.03 1.53 -22.25 | 31.80 1.52 -12.80 | 26.61 1.48 -7.56 | 26.32 1.68 -6.32 | 25.56 1.68 -5.24 | 26.50 1.37 -6.28 | 27.47 1.74 -4.01 | 30.33 2.08 -2.30 | 32.13 2.70 -0.43 | 36.09 2.29 -8.06 | 43.79 2.53 -13.21 | 49.58 2.84 -16.89 | 60.23 3.05 -25.14 | 59.80 3.13 -23.77 | 46.12 2.62 -14.68 | 36.51 2.37 -8.72 | 32.70 1.32 -13.07 |
| NORTHPORT___2 23552 | 28.46 1.43 -9.64 | 25.80 0.75 -15.62 | 24.76 0.92 -12.78 | 24.06 0.69 -15.19 | 24.81 0.65 -16.31 | 28.18 1.29 -12.70 | 40.00 1.34 -22.54 | 40.03 1.53 -22.25 | 31.80 1.52 -12.80 | 26.61 1.48 -7.56 | 26.32 1.68 -6.32 | 25.56 1.68 -5.24 | 26.50 1.37 -6.28 | 27.47 1.74 -4.01 | 30.33 2.08 -2.30 | 32.13 2.70 -0.43 | 36.09 2.29 -8.06 | 43.79 2.53 -13.21 | 49.58 2.84 -16.89 | 60.23 3.05 -25.14 | 59.80 3.13 -23.77 | 46.12 2.62 -14.68 | 36.51 2.37 -8.72 | 32.70 1.32 -13.07 |
| NORTHPORT___3 23553 | 28.28 1.25 -9.64 | 25.70 0.66 -15.62 | 24.64 0.80 -12.78 | 23.96 0.60 -15.19 | 24.73 0.57 -16.31 | 27.99 1.11 -12.70 | 39.74 1.08 -22.54 | 39.74 1.23 -22.25 | 31.66 1.38 -12.80 | 26.47 1.34 -7.56 | 26.20 1.56 -6.32 | 25.44 1.57 -5.24 | 26.46 1.34 -6.28 | 27.40 1.67 -4.01 | 30.25 2.00 -2.30 | 32.05 2.61 -0.43 | 35.96 2.16 -8.06 | 43.26 1.99 -13.21 | 48.92 2.18 -16.89 | 59.55 2.37 -25.13 | 59.09 2.43 -23.76 | 45.57 2.08 -14.67 | 36.18 2.03 -8.72 | 32.59 1.21 -13.07 |
| NORTHPORT___4 23650 | 28.28 1.25 -9.64 | 25.70 0.66 -15.62 | 24.64 0.80 -12.78 | 23.96 0.60 -15.19 | 24.73 0.57 -16.31 | 27.99 1.11 -12.70 | 39.74 1.08 -22.54 | 39.74 1.23 -22.25 | 31.66 1.38 -12.80 | 26.47 1.34 -7.56 | 26.20 1.56 -6.32 | 25.44 1.57 -5.24 | 26.46 1.34 -6.28 | 27.40 1.67 -4.01 | 30.25 2.00 -2.30 | 32.05 2.61 -0.43 | 35.96 2.16 -8.06 | 43.26 1.99 -13.21 | 48.92 2.18 -16.89 | 59.55 2.37 -25.13 | 59.09 2.43 -23.76 | 45.57 2.08 -14.67 | 36.18 2.03 -8.72 | 32.59 1.21 -13.07 |
| NORTHPORT___IC 23718 | 28.46 1.43 -9.64 | 25.80 0.75 -15.62 | 24.76 0.92 -12.78 | 24.06 0.69 -15.19 | 24.81 0.65 -16.31 | 28.18 1.29 -12.70 | 39.98 1.32 -22.54 | 40.02 1.51 -22.25 | 31.86 1.52 -12.85 | 26.60 1.42 -7.59 | 26.35 1.69 -6.35 | 25.58 1.68 -5.27 | 26.53 1.38 -6.31 | 27.42 1.67 -4.03 | 30.26 2.00 -2.31 | 32.13 2.70 -0.43 | 36.10 2.27 -8.10 | 43.91 2.58 -13.27 | 49.65 2.84 -16.97 | 60.23 3.04 -25.14 | 59.80 3.13 -23.77 | 46.12 2.62 -14.68 | 36.60 2.42 -8.76 | 32.76 1.32 -13.13 |
| NORTH___COUNTRY_ESR 323785 | 16.79 -0.61 0.00 | 9.03 -0.39 0.00 | 10.56 -0.51 0.00 | 7.74 -0.43 0.00 | 7.41 -0.44 0.00 | 13.40 -0.78 0.00 | 15.16 -0.97 0.00 | 15.39 -0.86 0.00 | 16.47 -1.01 0.00 | 16.56 -1.02 0.00 | 17.33 -0.99 0.00 | 17.61 -1.02 0.00 | 17.75 -1.09 0.00 | 20.37 -1.35 0.00 | -9.48 -1.63 33.80 | -9.72 -1.74 36.99 | -9.45 -1.49 33.70 | 26.57 -1.49 0.00 | -2.04 -1.61 30.28 | -9.91 -1.60 40.35 | -9.94 -1.61 41.23 | -9.71 -1.64 36.90 | -9.48 -1.52 33.38 | -8.93 -1.14 26.11 |
| NPX_GEN_1385_PROXY 323591 | 28.46 1.43 -9.64 | 25.80 0.75 -15.62 | 24.76 0.92 -12.78 | 24.06 0.69 -15.19 | 24.81 0.65 -16.31 | 28.30 1.42 -12.70 | 40.00 1.34 -22.54 | 40.10 1.59 -22.25 | 31.80 1.52 -12.80 | 26.63 1.49 -7.56 | 26.32 1.68 -6.32 | 25.56 1.68 -5.24 | 26.39 1.26 -6.28 | 27.31 1.58 -4.01 | 30.14 1.89 -2.30 | 31.96 2.52 -0.43 | 35.93 2.14 -8.06 | 43.76 2.50 -13.21 | 49.87 3.13 -16.89 | 60.29 3.11 -25.14 | 59.86 3.19 -23.77 | 46.24 2.74 -14.68 | 36.67 2.52 -8.72 | 32.68 1.30 -13.07 |
| NPX_GEN_CSC 323557 | 28.44 1.41 -9.64 | 25.80 0.75 -15.62 | 24.82 0.97 -12.78 | 24.13 0.76 -15.19 | 24.86 0.70 -16.31 | 28.28 1.39 -12.70 | 40.14 1.48 -22.54 | 40.18 1.67 -22.25 | 31.73 1.45 -12.80 | 26.42 1.28 -7.56 | 26.14 1.50 -6.32 | 25.35 1.47 -5.25 | 26.03 0.90 -6.28 | 26.92 1.19 -4.01 | 29.70 1.45 -2.30 | 31.52 2.06 -0.45 | 35.55 1.75 -8.06 | 43.79 2.53 -13.21 | 49.79 3.05 -16.89 | 60.71 3.33 -25.32 | 60.63 3.42 -24.31 | 46.43 2.56 -15.04 | 36.49 2.34 -8.72 | 32.43 1.04 -13.07 |
| NSINS_S___GLNS_FALLS 23858 | 31.26 1.08 -12.78 | 29.52 0.57 -19.52 | 27.70 0.66 -15.97 | 27.66 0.50 -18.99 | 28.73 0.50 -20.38 | 31.94 0.89 -16.86 | 54.32 1.11 -37.08 | 47.23 1.02 -29.95 | 35.99 1.03 -17.48 | 28.01 0.93 -9.50 | 27.24 0.97 -7.95 | 26.22 0.99 -6.60 | 27.80 1.06 -7.90 | 28.00 1.24 -5.04 | 30.32 1.48 -2.89 | 31.31 1.91 -0.40 | 37.15 1.29 -10.12 | 46.14 1.49 -16.60 | 52.81 1.73 -21.23 | 64.12 1.86 -30.21 | 60.88 1.97 -26.01 | 46.28 1.61 -15.84 | 37.77 1.37 -10.97 | 35.64 0.90 -16.43 |
| NUCOR_STEEL___DRP 24197 | 18.63 -0.02 -1.25 | 11.43 -0.03 -2.04 | 12.71 -0.02 -1.67 | 10.15 -0.01 -1.98 | 9.97 -0.01 -2.13 | 15.84 0.01 -1.65 | 19.02 0.06 -2.83 | 19.18 0.05 -2.88 | 19.16 0.02 -1.66 | 18.55 -0.02 -0.99 | 19.09 -0.05 -0.83 | 19.27 -0.06 -0.69 | 19.65 -0.02 -0.82 | 22.24 0.00 -0.53 | 26.27 0.03 -0.30 | 28.93 -0.12 -0.04 | 26.69 -0.10 -1.05 | 29.70 -0.08 -1.73 | 32.03 -0.03 -2.21 | 35.42 -0.03 -3.41 | 35.68 -0.03 -2.81 | 30.54 0.00 -1.71 | 26.52 -0.05 -1.14 | 20.07 0.04 -1.71 |
| NUMBER_THREE_WT_PWR 323818 | 17.57 -0.23 -0.40 | 9.93 -0.14 -0.65 | 11.43 -0.17 -0.53 | 8.69 -0.11 -0.63 | 8.44 -0.09 -0.68 | 14.59 -0.11 -0.52 | 16.90 -0.13 -0.90 | 17.06 -0.11 -0.92 | 17.72 -0.31 -0.55 | 17.41 -0.49 -0.33 | 18.06 -0.53 -0.27 | 18.28 -0.58 -0.23 | 18.51 -0.60 -0.27 | 21.24 -0.65 -0.17 | 26.95 -0.60 -1.60 | 30.05 -0.61 -1.65 | 27.22 -0.36 -1.84 | 28.31 -0.31 -0.57 | 31.80 -0.12 -2.07 | 34.91 0.03 -2.82 | 35.55 -0.07 -2.72 | 30.83 -0.17 -2.18 | 26.98 -0.30 -1.85 | 19.78 -0.26 -1.72 |
| NYISO_LBMP_REFERENCE 24008 | 17.40 0.00 0.00 | 9.42 0.00 0.00 | 11.07 0.00 0.00 | 8.17 0.00 0.00 | 7.85 0.00 0.00 | 14.18 0.00 0.00 | 16.12 0.00 0.00 | 16.26 0.00 0.00 | 17.48 0.00 0.00 | 17.58 0.00 0.00 | 18.32 0.00 0.00 | 18.63 0.00 0.00 | 18.84 0.00 0.00 | 21.72 0.00 0.00 | 25.95 0.00 0.00 | 29.00 0.00 0.00 | 25.74 0.00 0.00 | 28.05 0.00 0.00 | 29.85 0.00 0.00 | 32.05 0.00 0.00 | 32.90 0.00 0.00 | 28.83 0.00 0.00 | 25.43 0.00 0.00 | 18.32 0.00 0.00 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NYPA_BRENTWD____GT 24164 | 28.58 1.55 -9.64 | 25.86 0.82 -15.62 | 24.84 1.00 -12.78 | 24.12 0.75 -15.19 | 24.87 0.71 -16.31 | 28.28 1.39 -12.70 | 40.13 1.47 -22.54 | 40.16 1.66 -22.25 | 31.92 1.64 -12.80 | 26.70 1.56 -7.56 | 26.44 1.80 -6.33 | 25.67 1.79 -5.25 | 26.59 1.47 -6.28 | 27.58 1.84 -4.02 | 30.46 2.20 -2.30 | 32.36 2.87 -0.48 | 36.27 2.47 -8.06 | 44.04 2.78 -13.21 | 49.85 3.10 -16.89 | 61.00 3.40 -25.56 | 61.36 3.49 -24.98 | 47.23 2.91 -15.49 | 36.74 2.59 -8.72 | 32.81 1.43 -13.07 |
| NYPA_GOWANUS____GT5 24156 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NYPA_GOWANUS____GT6 24157 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.83 1.56 -12.79 | 26.87 1.72 -7.56 | 26.44 1.80 -6.33 | 25.72 1.83 -5.26 | 26.96 1.83 -6.29 | 27.88 2.13 -4.04 | 30.72 2.44 -2.33 | 32.28 2.93 -0.34 | 36.34 2.52 -8.07 | 44.00 2.72 -13.23 | 49.48 2.74 -16.89 | 59.11 3.01 -24.05 | 56.63 3.02 -20.70 | 44.00 2.56 -12.61 | 36.45 2.29 -8.73 | 32.88 1.48 -13.08 |
| NYPA_HARLEM__RVR__GT1 24160 | 28.29 1.25 -9.64 | 25.76 0.71 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.76 0.60 -16.31 | 27.95 1.06 -12.71 | 39.77 1.11 -22.53 | 39.60 1.11 -22.24 | 31.62 1.35 -12.79 | 26.68 1.55 -7.55 | 26.23 1.59 -6.32 | 25.50 1.62 -5.24 | 26.74 1.62 -6.28 | 27.64 1.89 -4.03 | 30.40 2.13 -2.32 | 31.92 2.58 -0.34 | 36.00 2.21 -8.04 | 43.64 2.36 -13.23 | 49.09 2.36 -16.88 | 58.69 2.59 -24.04 | 56.20 2.60 -20.70 | 43.62 2.19 -12.61 | 36.19 2.03 -8.73 | 32.72 1.34 -13.07 |
| NYPA_HARLEM__RVR__GT2 24161 | 28.29 1.25 -9.64 | 25.76 0.71 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.76 0.60 -16.31 | 27.95 1.06 -12.71 | 39.77 1.11 -22.53 | 39.60 1.11 -22.24 | 31.62 1.35 -12.79 | 26.68 1.55 -7.55 | 26.23 1.59 -6.32 | 25.50 1.62 -5.24 | 26.74 1.62 -6.28 | 27.64 1.89 -4.03 | 30.40 2.13 -2.32 | 31.92 2.58 -0.34 | 36.00 2.21 -8.04 | 43.64 2.36 -13.23 | 49.09 2.36 -16.88 | 58.69 2.59 -24.04 | 56.20 2.60 -20.70 | 43.62 2.19 -12.61 | 36.19 2.03 -8.73 | 32.72 1.34 -13.07 |
| NYPA_KENT____GT 24152 | 28.40 1.36 -9.64 | 25.80 0.75 -15.63 | 24.73 0.87 -12.78 | 24.02 0.65 -15.20 | 24.79 0.62 -16.31 | 28.01 1.12 -12.71 | 39.91 1.26 -22.53 | 39.78 1.28 -22.25 | 31.78 1.50 -12.79 | 26.82 1.67 -7.56 | 26.39 1.74 -6.33 | 25.66 1.77 -5.26 | 26.91 1.77 -6.29 | 27.80 2.04 -4.04 | 30.64 2.36 -2.33 | 32.19 2.84 -0.34 | 36.25 2.45 -8.06 | 43.91 2.64 -13.22 | 49.39 2.66 -16.89 | 59.02 2.92 -24.05 | 56.53 2.93 -20.70 | 43.88 2.45 -12.61 | 36.37 2.21 -8.73 | 32.80 1.41 -13.07 |
| NYPA_POUCH1____GT 24155 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.82 1.54 -12.79 | 26.85 1.70 -7.56 | 26.42 1.78 -6.33 | 25.70 1.81 -5.26 | 26.94 1.81 -6.29 | 27.84 2.08 -4.04 | 30.66 2.39 -2.33 | 32.22 2.87 -0.34 | 36.23 2.42 -8.07 | 43.92 2.64 -13.23 | 49.39 2.66 -16.89 | 59.02 2.92 -24.05 | 56.53 2.93 -20.70 | 43.94 2.51 -12.61 | 36.42 2.26 -8.73 | 32.86 1.47 -13.08 |
| NYPA_VERNON____GT2 24162 | 28.33 1.29 -9.64 | 25.77 0.73 -15.63 | 24.70 0.85 -12.78 | 24.00 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.87 1.21 -22.53 | 39.74 1.23 -22.25 | 31.73 1.45 -12.79 | 26.76 1.62 -7.57 | 26.33 1.68 -6.33 | 25.63 1.73 -5.26 | 26.85 1.71 -6.29 | 27.73 1.98 -4.04 | 30.56 2.28 -2.33 | 32.10 2.76 -0.34 | 36.16 2.37 -8.06 | 43.83 2.55 -13.22 | 49.31 2.57 -16.89 | 58.92 2.82 -24.05 | 56.44 2.83 -20.70 | 43.80 2.36 -12.61 | 36.29 2.14 -8.73 | 32.74 1.36 -13.07 |
| NYPA_VERNON____GT3 24163 | 28.33 1.29 -9.64 | 25.77 0.73 -15.63 | 24.70 0.85 -12.78 | 24.00 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.87 1.21 -22.53 | 39.74 1.23 -22.25 | 31.73 1.45 -12.79 | 26.76 1.62 -7.57 | 26.33 1.68 -6.33 | 25.63 1.73 -5.26 | 26.85 1.71 -6.29 | 27.73 1.98 -4.04 | 30.56 2.28 -2.33 | 32.10 2.76 -0.34 | 36.16 2.37 -8.06 | 43.83 2.55 -13.22 | 49.31 2.57 -16.89 | 58.92 2.82 -24.05 | 56.44 2.83 -20.70 | 43.80 2.36 -12.61 | 36.29 2.14 -8.73 | 32.74 1.36 -13.07 |
| NYPA__ASTORIA_CC1 323568 | 28.32 1.29 -9.64 | 25.77 0.73 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.83 1.18 -22.53 | 39.72 1.22 -22.25 | 31.71 1.43 -12.79 | 26.74 1.60 -7.56 | 26.31 1.67 -6.33 | 25.59 1.70 -5.26 | 26.83 1.70 -6.29 | 27.71 1.96 -4.04 | 30.53 2.26 -2.33 | 32.07 2.73 -0.34 | 36.13 2.34 -8.05 | 43.77 2.50 -13.22 | 49.25 2.51 -16.89 | 58.86 2.76 -24.05 | 56.37 2.76 -20.70 | 43.77 2.33 -12.61 | 36.24 2.09 -8.73 | 32.72 1.34 -13.07 |
| NYPA__ASTORIA_CC2 323569 | 28.32 1.29 -9.64 | 25.77 0.73 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.83 1.18 -22.53 | 39.72 1.22 -22.25 | 31.71 1.43 -12.79 | 26.74 1.60 -7.56 | 26.31 1.67 -6.33 | 25.59 1.70 -5.26 | 26.83 1.70 -6.29 | 27.71 1.96 -4.04 | 30.53 2.26 -2.33 | 32.07 2.73 -0.34 | 36.13 2.34 -8.05 | 43.77 2.50 -13.22 | 49.25 2.51 -16.89 | 58.86 2.76 -24.05 | 56.37 2.76 -20.70 | 43.77 2.33 -12.61 | 36.24 2.09 -8.73 | 32.72 1.34 -13.07 |
| NYPA__HOLTSVILL 23794 | 28.47 1.44 -9.64 | 25.81 0.76 -15.62 | 24.79 0.94 -12.78 | 24.09 0.72 -15.19 | 24.84 0.68 -16.31 | 28.22 1.33 -12.70 | 40.06 1.40 -22.54 | 40.08 1.58 -22.25 | 31.80 1.52 -12.80 | 26.56 1.42 -7.56 | 26.27 1.63 -6.32 | 25.50 1.62 -5.25 | 26.37 1.24 -6.28 | 27.32 1.58 -4.01 | 30.14 1.89 -2.30 | 31.98 2.52 -0.45 | 35.93 2.14 -8.06 | 43.79 2.53 -13.21 | 49.61 2.87 -16.89 | 60.50 3.14 -25.31 | 60.35 3.19 -24.26 | 46.43 2.60 -15.01 | 36.49 2.34 -8.72 | 32.61 1.23 -13.07 |
| NYPA__HELLGATE_GT1 24158 | 28.29 1.25 -9.64 | 25.76 0.71 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.76 0.60 -16.31 | 27.95 1.06 -12.71 | 39.77 1.11 -22.53 | 39.60 1.11 -22.24 | 31.62 1.35 -12.79 | 26.68 1.55 -7.55 | 26.23 1.59 -6.32 | 25.50 1.62 -5.24 | 26.74 1.62 -6.28 | 27.64 1.89 -4.03 | 30.40 2.13 -2.32 | 31.92 2.58 -0.34 | 36.00 2.21 -8.04 | 43.64 2.36 -13.23 | 49.09 2.36 -16.88 | 58.69 2.59 -24.04 | 56.20 2.60 -20.70 | 43.62 2.19 -12.61 | 36.19 2.03 -8.73 | 32.72 1.34 -13.07 |
| NYPA__HELLGATE_GT2 24159 | 28.29 1.25 -9.64 | 25.76 0.71 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.76 0.60 -16.31 | 27.95 1.06 -12.71 | 39.77 1.11 -22.53 | 39.60 1.11 -22.24 | 31.62 1.35 -12.79 | 26.68 1.55 -7.55 | 26.23 1.59 -6.32 | 25.50 1.62 -5.24 | 26.74 1.62 -6.28 | 27.64 1.89 -4.03 | 30.40 2.13 -2.32 | 31.92 2.58 -0.34 | 36.00 2.21 -8.04 | 43.64 2.36 -13.23 | 49.09 2.36 -16.88 | 58.69 2.59 -24.04 | 56.20 2.60 -20.70 | 43.62 2.19 -12.61 | 36.19 2.03 -8.73 | 32.72 1.34 -13.07 |
| NYS_BARGE__HYD 23848 | 17.32 -1.62 -1.54 | 11.16 -0.77 -2.51 | 12.21 -0.92 -2.06 | 9.97 -0.65 -2.44 | 9.88 -0.60 -2.62 | 14.99 -1.22 -2.03 | 18.12 -1.50 -3.49 | 18.11 -1.69 -3.55 | 17.70 -1.89 -2.11 | 17.29 -1.55 -1.26 | 17.65 -1.72 -1.05 | 17.74 -1.77 -0.87 | 18.12 -1.77 -1.05 | 20.13 -2.26 -0.67 | 23.35 -2.98 -0.38 | 25.81 -3.25 -0.05 | 24.02 -3.06 -1.34 | 27.05 -3.20 -2.20 | 29.38 -3.28 -2.81 | 31.67 -3.91 -3.53 | 32.70 -3.65 -3.45 | 28.01 -2.91 -2.10 | 24.31 -2.57 -1.45 | 19.06 -1.43 -2.17 |

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| OAK ORCHARD___HYD 24046 | 17.90 -0.80 -1.31 | 11.17 -0.39 -2.14 | 12.35 -0.46 -1.75 | 9.94 -0.31 -2.08 | 9.81 -0.28 -2.23 | 15.35 -0.55 -1.72 | 18.37 -0.73 -2.97 | 18.39 -0.88 -3.01 | 18.31 -0.96 -1.79 | 17.89 -0.76 -1.07 | 18.33 -0.88 -0.89 | 18.52 -0.86 -0.74 | 18.88 -0.85 -0.89 | 21.18 -1.11 -0.57 | 24.66 -1.61 -0.33 | 27.40 -1.65 -0.04 | 25.28 -1.60 -1.14 | 28.32 -1.60 -1.87 | 30.66 -1.58 -2.39 | 33.12 -1.96 -3.02 | 34.19 -1.64 -2.93 | 29.31 -1.30 -1.78 | 25.47 -1.19 -1.23 | 19.54 -0.62 -1.85 |
| OAKDALE___35_KV_LOAD 356122 | 20.42 -0.09 -3.11 | 14.45 -0.05 -5.07 | 15.17 -0.04 -4.15 | 13.08 -0.02 -4.93 | 13.13 -0.02 -5.30 | 18.25 -0.03 -4.10 | 23.16 -0.02 -7.05 | 23.37 -0.05 -7.16 | 21.52 -0.10 -4.14 | 19.96 -0.09 -2.47 | 20.27 -0.11 -2.07 | 20.24 -0.11 -1.72 | 20.78 -0.11 -2.05 | 22.90 -0.13 -1.31 | 26.54 -0.16 -0.75 | 28.90 -0.20 -0.10 | 28.17 -0.21 -2.63 | 32.15 -0.22 -4.32 | 35.16 -0.21 -5.52 | 39.69 -0.26 -7.90 | 39.70 -0.23 -7.03 | 33.02 -0.09 -4.28 | 28.13 -0.15 -2.85 | 22.55 -0.04 -4.27 |
| OCC_CHEM___DRP 24175 | 17.25 -1.72 -1.57 | 11.17 -0.82 -2.57 | 12.19 -0.97 -2.10 | 9.99 -0.68 -2.50 | 9.90 -0.64 -2.68 | 14.92 -1.33 -2.07 | 18.06 -1.63 -3.57 | 18.06 -1.82 -3.62 | 17.50 -2.08 -2.09 | 17.18 -1.65 -1.25 | 17.53 -1.83 -1.05 | 17.60 -1.90 -0.87 | 18.00 -1.88 -1.04 | 19.99 -2.39 -0.66 | 23.16 -3.17 -0.38 | 25.58 -3.48 -0.05 | 23.83 -3.24 -1.33 | 26.98 -3.25 -2.18 | 29.12 -3.52 -2.79 | 31.42 -4.23 -3.60 | 32.44 -3.98 -3.52 | 27.88 -3.08 -2.14 | 24.15 -2.72 -1.44 | 18.88 -1.59 -2.16 |
| OH_GEN_PROXY 24063 | 17.40 -1.55 -1.55 | 11.20 -0.75 -2.53 | 9.93 -0.91 0.23 | 10.01 -0.63 -2.47 | 9.91 -0.59 -2.65 | 9.95 -1.19 3.04 | 12.20 -1.45 2.47 | 17.69 -1.64 -3.08 | 17.79 -1.82 -2.13 | 17.37 -1.48 -1.27 | 17.73 -1.65 -1.06 | 17.82 -1.70 -0.88 | 18.20 -1.70 -1.05 | 20.22 -2.17 -0.67 | 20.40 -2.88 2.67 | 21.38 -3.16 4.46 | 23.70 -3.01 -0.97 | 27.13 -3.14 -2.22 | 29.46 -3.22 -2.83 | 31.77 -3.85 -3.56 | 32.79 -3.59 -3.48 | 28.12 -2.82 -2.12 | 24.40 -2.49 -1.46 | 19.10 -1.41 -2.19 |
| OLIN_CORP_DRP 24177 | 17.15 -1.83 -1.58 | 11.13 -0.88 -2.58 | 12.14 -1.04 -2.11 | 9.95 -0.74 -2.51 | 9.87 -0.68 -2.70 | 14.88 -1.39 -2.09 | 18.02 -1.69 -3.59 | 18.02 -1.89 -3.65 | 17.44 -2.15 -2.11 | 17.10 -1.74 -1.26 | 17.45 -1.92 -1.05 | 17.53 -1.98 -0.87 | 17.93 -1.96 -1.05 | 19.89 -2.50 -0.67 | 23.06 -3.27 -0.38 | 25.46 -3.60 -0.05 | 23.76 -3.32 -1.34 | 26.89 -3.37 -2.20 | 29.02 -3.64 -2.81 | 31.35 -4.33 -3.62 | 32.37 -4.08 -3.54 | 27.81 -3.17 -2.16 | 24.03 -2.85 -1.45 | 18.82 -1.67 -2.17 |
| OLIN_CORP_DSASP 323712 | 17.24 -1.72 -1.57 | 11.17 -0.82 -2.57 | 12.19 -0.97 -2.10 | 9.99 -0.68 -2.50 | 9.90 -0.64 -2.68 | 14.92 -1.33 -2.07 | 18.05 -1.64 -3.57 | 18.06 -1.82 -3.62 | 17.61 -2.03 -2.15 | 17.21 -1.65 -1.28 | 17.56 -1.83 -1.08 | 17.63 -1.90 -0.89 | 18.03 -1.88 -1.07 | 19.99 -2.41 -0.68 | 23.17 -3.17 -0.39 | 25.58 -3.48 -0.05 | 23.81 -3.29 -1.37 | 26.82 -3.48 -2.24 | 29.11 -3.61 -2.87 | 31.36 -4.29 -3.60 | 32.41 -4.02 -3.52 | 27.77 -3.20 -2.14 | 24.16 -2.75 -1.48 | 18.94 -1.59 -2.22 |
| ONEIDA_HERK_LFGE 323681 | 17.87 0.12 -0.35 | 10.04 0.05 -0.58 | 11.60 0.06 -0.47 | 8.78 0.05 -0.56 | 8.52 0.06 -0.60 | 14.79 0.14 -0.46 | 17.10 0.18 -0.80 | 17.25 0.18 -0.81 | 18.06 0.09 -0.48 | 17.83 -0.04 -0.29 | 18.50 -0.05 -0.24 | 18.76 -0.07 -0.20 | 18.99 -0.09 -0.24 | 21.83 -0.04 -0.15 | 26.85 0.10 -0.80 | 29.94 0.15 -0.79 | 27.01 0.26 -1.01 | 28.87 0.31 -0.51 | 31.58 0.45 -1.28 | 34.36 0.54 -1.76 | 35.05 0.49 -1.65 | 30.45 0.37 -1.25 | 26.66 0.20 -1.03 | 19.51 0.15 -1.05 |
| ONEIDA___115KV_TB4 55905 | 18.36 0.35 -0.62 | 10.60 0.17 -1.01 | 12.09 0.20 -0.83 | 9.31 0.16 -0.98 | 9.07 0.16 -1.06 | 15.32 0.33 -0.82 | 17.95 0.42 -1.40 | 18.09 0.41 -1.43 | 18.64 0.33 -0.83 | 18.30 0.23 -0.49 | 18.95 0.22 -0.41 | 19.20 0.22 -0.34 | 19.46 0.21 -0.41 | 22.28 0.30 -0.26 | 26.62 0.52 -0.15 | 29.58 0.55 -0.02 | 26.86 0.59 -0.53 | 29.56 0.65 -0.86 | 31.76 0.81 -1.10 | 34.68 0.93 -1.70 | 35.14 0.86 -1.39 | 30.39 0.72 -0.85 | 26.56 0.56 -0.57 | 19.57 0.40 -0.85 |
| ONONDAGA_REF_OCCRA 23987 | 18.47 -0.05 -1.13 | 11.21 -0.05 -1.84 | 12.53 -0.04 -1.50 | 9.94 -0.02 -1.79 | 9.74 -0.03 -1.92 | 15.64 -0.03 -1.48 | 18.71 0.03 -2.55 | 18.85 0.00 -2.59 | 19.01 0.00 -1.52 | 18.43 -0.05 -0.91 | 19.00 -0.07 -0.76 | 19.19 -0.07 -0.63 | 19.54 -0.06 -0.75 | 22.18 -0.02 -0.48 | 26.25 0.03 -0.28 | 28.87 -0.17 -0.04 | 26.55 -0.15 -0.97 | 29.50 -0.14 -1.59 | 31.76 -0.12 -2.03 | 35.06 -0.10 -3.10 | 35.29 -0.13 -2.52 | 30.25 -0.12 -1.54 | 26.35 -0.13 -1.05 | 19.87 -0.02 -1.57 |
| ONONDAGA___COGEN 23986 | 18.38 -0.07 -1.05 | 11.08 -0.06 -1.72 | 12.42 -0.06 -1.41 | 9.82 -0.03 -1.67 | 9.62 -0.03 -1.80 | 15.54 -0.03 -1.39 | 18.53 0.02 -2.39 | 18.67 -0.02 -2.43 | 18.86 -0.02 -1.39 | 18.34 -0.07 -0.83 | 18.92 -0.09 -0.70 | 19.14 -0.07 -0.58 | 19.48 -0.06 -0.69 | 22.14 -0.02 -0.44 | 26.23 0.03 -0.25 | 28.84 -0.20 -0.03 | 26.45 -0.18 -0.89 | 29.34 -0.17 -1.45 | 31.56 -0.15 -1.86 | 34.64 -0.16 -2.75 | 35.07 -0.20 -2.36 | 30.09 -0.17 -1.44 | 26.23 -0.15 -0.96 | 19.72 -0.04 -1.44 |
| ONTARIO___LFGE 23819 | 18.54 -0.35 -1.49 | 11.67 -0.19 -2.44 | 12.85 -0.21 -2.00 | 10.42 -0.13 -2.37 | 10.29 -0.11 -2.55 | 15.95 -0.20 -1.97 | 19.34 -0.18 -3.39 | 19.42 -0.28 -3.44 | 19.18 -0.35 -2.05 | 18.45 -0.35 -1.22 | 18.90 -0.44 -1.02 | 19.06 -0.43 -0.85 | 19.44 -0.41 -1.02 | 21.87 -0.50 -0.65 | 25.64 -0.67 -0.37 | 28.33 -0.72 -0.05 | 26.35 -0.69 -1.30 | 29.55 -0.64 -2.14 | 32.05 -0.54 -2.73 | 34.75 -0.61 -3.31 | 35.76 -0.49 -3.35 | 30.49 -0.38 -2.04 | 26.41 -0.43 -1.41 | 20.25 -0.18 -2.11 |
| ORANGEVILLE_WT_PWR 323706 | 17.71 -1.55 -1.86 | 11.67 -0.79 -3.04 | 12.62 -0.94 -2.49 | 10.47 -0.66 -2.96 | 10.41 -0.62 -3.18 | 15.42 -1.22 -2.46 | 18.94 -1.42 -4.23 | 18.93 -1.63 -4.30 | 18.17 -1.87 -2.55 | 17.43 -1.67 -1.52 | 17.76 -1.83 -1.28 | 17.79 -1.90 -1.06 | 18.21 -1.90 -1.27 | 20.18 -2.35 -0.81 | 23.43 -2.98 -0.46 | 25.76 -3.31 -0.06 | 24.27 -3.09 -1.62 | 27.55 -3.17 -2.66 | 30.03 -3.22 -3.40 | 32.56 -3.68 -4.19 | 33.59 -3.49 -4.17 | 28.57 -2.80 -2.54 | 24.69 -2.49 -1.76 | 19.60 -1.36 -2.63 |
| ORANGEVILLE___ESR 323794 | 17.71 -1.55 -1.86 | 11.67 -0.79 -3.04 | 12.62 -0.94 -2.49 | 10.47 -0.66 -2.96 | 10.41 -0.62 -3.18 | 15.42 -1.22 -2.46 | 18.94 -1.42 -4.23 | 18.93 -1.63 -4.30 | 18.17 -1.87 -2.55 | 17.43 -1.67 -1.52 | 17.76 -1.83 -1.28 | 17.79 -1.90 -1.06 | 18.21 -1.90 -1.27 | 20.18 -2.35 -0.81 | 23.43 -2.98 -0.46 | 25.76 -3.31 -0.06 | 24.27 -3.09 -1.62 | 27.55 -3.17 -2.66 | 30.03 -3.22 -3.40 | 32.56 -3.68 -4.19 | 33.59 -3.49 -4.17 | 28.57 -2.80 -2.54 | 24.69 -2.49 -1.76 | 19.60 -1.36 -2.63 |
| OSWEGATCHIE___HYD 24044 | 17.10 -0.59 -0.30 | 9.57 -0.34 -0.48 | 11.07 -0.40 -0.40 | 8.34 -0.31 -0.47 | 8.07 -0.29 -0.51 | 14.09 -0.48 -0.39 | 16.19 -0.61 -0.67 | 16.36 -0.58 -0.68 | 17.10 -0.79 -0.41 | 16.87 -0.95 -0.24 | 17.53 -0.99 -0.20 | 17.78 -1.02 -0.17 | 17.97 -1.07 -0.20 | 20.65 -1.19 -0.13 | 28.11 -1.32 -3.49 | 31.35 -1.39 -3.74 | 28.29 -1.11 -3.66 | 27.41 -1.07 -0.42 | 32.47 -0.98 -3.60 | 36.00 -0.90 -4.85 | 36.74 -0.99 -4.83 | 31.92 -1.04 -4.13 | 28.03 -1.04 -3.65 | 20.59 -0.79 -3.06 |
| OSWEGO___5 23606 | 17.79 -0.33 -0.73 | 10.42 -0.19 -1.19 | 11.82 -0.22 -0.97 | 9.17 -0.16 -1.15 | 8.94 -0.15 -1.24 | 14.88 -0.25 -0.96 | 17.50 -0.27 -1.65 | 17.65 -0.28 -1.67 | 18.18 -0.30 -0.99 | 17.84 -0.33 -0.59 | 18.46 -0.35 -0.50 | 18.69 -0.35 -0.41 | 18.98 -0.36 -0.49 | 21.64 -0.39 -0.31 | 25.69 -0.44 -0.18 | 28.33 -0.70 -0.02 | 25.75 -0.62 -0.63 | 28.39 -0.70 -1.03 | 30.43 -0.75 -1.32 | 33.13 -0.80 -1.88 | 33.70 -0.82 -1.62 | 29.09 -0.72 -0.99 | 25.50 -0.61 -0.68 | 19.01 -0.33 -1.02 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| OSWEGO___6 23613 | 17.79 -0.33 -0.73 | 10.42 -0.19 -1.19 | 11.82 -0.22 -0.97 | 9.17 -0.16 -1.15 | 8.94 -0.15 -1.24 | 14.88 -0.25 -0.96 | 17.50 -0.27 -1.65 | 17.65 -0.28 -1.67 | 18.18 -0.30 -0.99 | 17.84 -0.33 -0.59 | 18.46 -0.35 -0.50 | 18.69 -0.35 -0.41 | 18.98 -0.36 -0.49 | 21.64 -0.39 -0.31 | 25.69 -0.44 -0.18 | 28.33 -0.70 -0.02 | 25.75 -0.62 -0.63 | 28.39 -0.70 -1.03 | 30.43 -0.75 -1.32 | 33.13 -0.80 -1.88 | 33.70 -0.82 -1.62 | 29.09 -0.72 -0.99 | 25.50 -0.61 -0.68 | 19.01 -0.33 -1.02 |
| OUTOKUMPU-AB___DRP 24206 | 17.46 -1.53 -1.60 | 11.30 -0.73 -2.61 | 12.34 -0.86 -2.13 | 10.10 -0.60 -2.54 | 10.02 -0.56 -2.72 | 15.12 -1.16 -2.10 | 18.33 -1.42 -3.62 | 18.33 -1.61 -3.68 | 17.76 -1.85 -2.13 | 17.37 -1.48 -1.27 | 17.75 -1.63 -1.06 | 17.84 -1.68 -0.88 | 18.24 -1.66 -1.05 | 20.26 -2.13 -0.67 | 23.51 -2.83 -0.39 | 25.95 -3.10 -0.05 | 24.21 -2.88 -1.35 | 27.44 -2.83 -2.22 | 29.58 -3.10 -2.83 | 31.99 -3.72 -3.66 | 32.99 -3.49 -3.58 | 28.32 -2.68 -2.18 | 24.48 -2.42 -1.46 | 19.17 -1.34 -2.19 |
| OXBOW___BTM 323836 | 17.34 -1.64 -1.58 | 11.22 -0.78 -2.59 | 12.25 -0.93 -2.12 | 10.04 -0.65 -2.52 | 9.95 -0.60 -2.70 | 15.01 -1.26 -2.09 | 18.17 -1.55 -3.60 | 18.18 -1.72 -3.65 | 17.71 -1.94 -2.17 | 17.29 -1.58 -1.29 | 17.66 -1.74 -1.08 | 17.73 -1.81 -0.90 | 18.15 -1.77 -1.08 | 20.12 -2.28 -0.69 | 23.33 -3.01 -0.40 | 25.75 -3.31 -0.06 | 24.00 -3.12 -1.38 | 27.06 -3.25 -2.26 | 29.37 -3.37 -2.89 | 31.64 -4.04 -3.63 | 32.67 -3.78 -3.55 | 27.96 -3.03 -2.16 | 24.30 -2.62 -1.49 | 19.09 -1.47 -2.24 |
| OXBOW____ 24026 | 17.33 -1.65 -1.58 | 11.22 -0.78 -2.59 | 12.25 -0.93 -2.12 | 10.04 -0.65 -2.52 | 9.95 -0.60 -2.70 | 15.01 -1.26 -2.09 | 18.17 -1.55 -3.60 | 18.18 -1.72 -3.65 | 17.62 -1.98 -2.11 | 17.26 -1.58 -1.26 | 17.63 -1.74 -1.05 | 17.72 -1.79 -0.87 | 18.12 -1.77 -1.05 | 20.11 -2.28 -0.67 | 23.32 -3.01 -0.38 | 25.75 -3.31 -0.05 | 24.02 -3.06 -1.34 | 27.22 -3.03 -2.20 | 29.35 -3.31 -2.81 | 31.67 -4.01 -3.63 | 32.70 -3.75 -3.55 | 28.10 -2.88 -2.16 | 24.29 -2.59 -1.45 | 19.03 -1.47 -2.18 |
| OXY_CHEM_DSASP 323612 | 17.25 -1.72 -1.57 | 11.17 -0.82 -2.57 | 12.19 -0.97 -2.10 | 9.99 -0.68 -2.50 | 9.90 -0.64 -2.68 | 14.92 -1.33 -2.07 | 18.06 -1.63 -3.57 | 18.06 -1.82 -3.62 | 17.50 -2.08 -2.09 | 17.18 -1.65 -1.25 | 17.53 -1.83 -1.05 | 17.60 -1.90 -0.87 | 18.00 -1.88 -1.04 | 19.99 -2.39 -0.66 | 23.16 -3.17 -0.38 | 25.58 -3.48 -0.05 | 23.83 -3.24 -1.33 | 26.98 -3.25 -2.18 | 29.12 -3.52 -2.79 | 31.42 -4.23 -3.60 | 32.44 -3.98 -3.52 | 27.88 -3.08 -2.14 | 24.15 -2.72 -1.44 | 18.88 -1.59 -2.16 |
| OZONE_PARK_ESR 323760 | 28.33 1.30 -9.63 | 25.77 0.73 -15.62 | 24.69 0.85 -12.77 | 23.99 0.62 -15.19 | 24.76 0.60 -16.30 | 27.97 1.09 -12.70 | 39.93 1.27 -22.53 | 39.80 1.30 -22.24 | 31.84 1.50 -12.85 | 26.82 1.65 -7.59 | 26.39 1.72 -6.36 | 25.66 1.75 -5.27 | 26.91 1.75 -6.31 | 27.78 2.02 -4.05 | 30.61 2.34 -2.33 | 32.18 2.84 -0.34 | 36.30 2.47 -8.09 | 44.00 2.67 -13.28 | 49.50 2.69 -16.96 | 59.08 2.98 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.43 2.24 -8.76 | 32.84 1.39 -13.13 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 17.25 -1.72 -1.57 | 11.17 -0.82 -2.57 | 12.19 -0.97 -2.10 | 9.99 -0.68 -2.50 | 9.90 -0.64 -2.68 | 14.92 -1.33 -2.07 | 18.06 -1.63 -3.57 | 18.06 -1.82 -3.62 | 17.50 -2.08 -2.09 | 17.18 -1.65 -1.25 | 17.53 -1.83 -1.05 | 17.60 -1.90 -0.87 | 18.00 -1.88 -1.04 | 19.99 -2.39 -0.66 | 23.16 -3.17 -0.38 | 25.58 -3.48 -0.05 | 23.83 -3.24 -1.33 | 26.98 -3.25 -2.18 | 29.12 -3.52 -2.79 | 31.42 -4.23 -3.60 | 32.44 -3.98 -3.52 | 27.88 -3.08 -2.14 | 24.15 -2.72 -1.44 | 18.88 -1.59 -2.16 |
| PACKARD__115KV_DUPONT_184 80571 | 17.25 -1.72 -1.57 | 11.17 -0.82 -2.57 | 12.19 -0.97 -2.10 | 9.99 -0.68 -2.50 | 9.90 -0.64 -2.68 | 14.92 -1.33 -2.07 | 18.06 -1.63 -3.57 | 18.06 -1.82 -3.62 | 17.50 -2.08 -2.09 | 17.18 -1.65 -1.25 | 17.53 -1.83 -1.05 | 17.60 -1.90 -0.87 | 18.00 -1.88 -1.04 | 19.99 -2.39 -0.66 | 23.16 -3.17 -0.38 | 25.58 -3.48 -0.05 | 23.83 -3.24 -1.33 | 26.98 -3.25 -2.18 | 29.12 -3.52 -2.79 | 31.42 -4.23 -3.60 | 32.44 -3.98 -3.52 | 27.88 -3.08 -2.14 | 24.15 -2.72 -1.44 | 18.88 -1.59 -2.16 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 28.33 1.29 -9.64 | 25.77 0.73 -15.63 | 24.70 0.85 -12.78 | 24.00 0.63 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.80 1.14 -22.53 | 39.66 1.15 -22.25 | 31.70 1.36 -12.85 | 26.69 1.53 -7.58 | 26.27 1.59 -6.36 | 25.54 1.64 -5.26 | 26.77 1.62 -6.30 | 27.63 1.87 -4.05 | 30.41 2.13 -2.33 | 31.96 2.61 -0.35 | 36.07 2.24 -8.09 | 43.78 2.44 -13.29 | 49.20 2.39 -16.97 | 58.73 2.63 -24.05 | 56.27 2.66 -20.70 | 43.65 2.22 -12.61 | 36.28 2.08 -8.77 | 32.80 1.36 -13.13 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 28.34 1.30 -9.64 | 25.79 0.74 -15.63 | 24.73 0.87 -12.78 | 24.02 0.65 -15.20 | 24.79 0.62 -16.31 | 28.01 1.12 -12.71 | 39.83 1.18 -22.53 | 39.67 1.17 -22.25 | 31.72 1.38 -12.85 | 26.69 1.53 -7.58 | 26.29 1.61 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.61 1.85 -4.05 | 30.38 2.10 -2.33 | 31.93 2.58 -0.35 | 36.07 2.24 -8.09 | 43.78 2.44 -13.29 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.34 2.73 -20.70 | 43.74 2.31 -12.61 | 36.38 2.19 -8.77 | 32.89 1.45 -13.13 |
| PATROON__115KV_TB1 80586 | 30.29 0.68 -12.22 | 28.88 0.36 -19.10 | 27.10 0.41 -15.62 | 27.06 0.31 -18.58 | 28.09 0.30 -19.94 | 30.84 0.54 -16.12 | 49.55 0.61 -32.81 | 45.33 0.60 -28.47 | 34.72 0.68 -16.56 | 27.56 0.69 -9.29 | 26.79 0.70 -7.78 | 25.80 0.71 -6.46 | 27.31 0.73 -7.73 | 27.48 0.83 -4.93 | 29.58 0.80 -2.83 | 30.49 1.10 -0.39 | 36.62 0.98 -9.90 | 45.33 1.04 -16.24 | 51.72 1.10 -20.77 | 62.77 1.15 -29.56 | 59.57 1.22 -25.45 | 45.36 1.04 -15.50 | 37.10 0.94 -10.73 | 34.98 0.59 -16.07 |
| PATTRSNVILLE__SOLAR 323815 | 32.04 1.11 -13.53 | 31.04 0.60 -21.02 | 28.96 0.70 -17.19 | 29.14 0.52 -20.44 | 30.32 0.53 -21.94 | 32.97 0.95 -17.84 | 54.39 1.16 -37.10 | 48.82 0.99 -31.57 | 36.72 0.86 -18.38 | 28.49 0.68 -10.23 | 27.58 0.70 -8.57 | 26.45 0.71 -7.10 | 28.14 0.79 -8.51 | 28.12 0.98 -5.43 | 30.33 1.27 -3.11 | 31.02 1.59 -0.43 | 38.13 1.49 -10.90 | 47.81 1.88 -17.88 | 55.01 2.30 -22.86 | 67.25 2.63 -32.57 | 63.67 2.73 -28.04 | 48.26 2.36 -17.08 | 39.22 1.98 -11.81 | 37.36 1.36 -17.69 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 17.41 -1.70 -1.72 | 11.38 -0.84 -2.80 | 12.36 -1.00 -2.29 | 10.20 -0.70 -2.73 | 10.12 -0.66 -2.93 | 15.14 -1.30 -2.26 | 18.50 -1.52 -3.90 | 18.50 -1.71 -3.96 | 17.79 -1.98 -2.29 | 17.29 -1.65 -1.36 | 17.65 -1.81 -1.14 | 17.72 -1.86 -0.95 | 18.15 -1.83 -1.13 | 20.12 -2.32 -0.73 | 23.38 -2.98 -0.42 | 25.78 -3.28 -0.06 | 24.16 -3.04 -1.45 | 27.38 -3.06 -2.38 | 29.58 -3.31 -3.05 | 32.06 -3.91 -3.92 | 32.99 -3.75 -3.84 | 28.25 -2.91 -2.34 | 24.33 -2.67 -1.57 | 19.15 -1.52 -2.36 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 28.22 1.11 -9.71 | 25.81 0.62 -15.76 | 24.70 0.74 -12.89 | 24.05 0.55 -15.33 | 24.83 0.52 -16.45 | 27.93 0.94 -12.81 | 39.86 1.08 -22.65 | 39.81 1.12 -22.43 | 31.73 1.28 -12.97 | 26.51 1.27 -7.67 | 26.09 1.36 -6.42 | 25.34 1.38 -5.32 | 26.61 1.39 -6.38 | 27.37 1.59 -4.07 | 30.10 1.82 -2.33 | 31.61 2.29 -0.32 | 35.97 2.06 -8.17 | 43.67 2.22 -13.40 | 49.34 2.36 -17.13 | 58.90 2.56 -24.28 | 56.44 2.63 -20.91 | 43.81 2.25 -12.73 | 36.24 1.96 -8.85 | 32.77 1.19 -13.26 |
| PEEKSKILL____ 23653 | 27.97 1.04 -9.53 | 25.46 0.58 -15.45 | 24.39 0.69 -12.64 | 23.71 0.51 -15.03 | 24.47 0.49 -16.13 | 27.61 0.87 -12.56 | 39.40 1.00 -22.28 | 39.28 1.02 -22.00 | 31.33 1.19 -12.66 | 26.32 1.27 -7.48 | 25.92 1.34 -6.26 | 25.19 1.36 -5.19 | 26.42 1.36 -6.22 | 27.26 1.56 -3.98 | 30.02 1.79 -2.28 | 31.52 2.20 -0.32 | 35.61 1.90 -7.97 | 43.15 2.02 -13.07 | 48.65 2.09 -16.71 | 58.16 2.31 -23.80 | 55.73 2.34 -20.49 | 43.29 1.99 -12.48 | 35.81 1.75 -8.63 | 32.31 1.06 -12.93 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| PGE MADISON___WINDPWR 24146 | 21.26 0.87 -2.99 | 14.74 0.43 -4.89 | 15.55 0.49 -4.00 | 13.30 0.37 -4.75 | 13.34 0.38 -5.10 | 18.86 0.74 -3.95 | 23.84 0.92 -6.80 | 24.03 0.88 -6.90 | 22.75 0.65 -4.62 | 20.71 0.37 -2.76 | 20.94 0.31 -2.31 | 20.89 0.34 -1.91 | 21.44 0.30 -2.29 | 23.68 0.50 -1.46 | 27.67 0.88 -0.84 | 30.19 1.07 -0.11 | 29.91 1.24 -2.94 | 34.27 1.40 -4.82 | 37.83 1.82 -6.16 | 43.47 2.08 -9.34 | 42.39 1.94 -7.55 | 35.10 1.67 -4.60 | 29.86 1.25 -3.18 | 23.98 0.90 -4.77 |
| PIERCEFIELD___HYD 23852 | 16.94 -0.63 -0.17 | 9.35 -0.35 -0.28 | 10.88 -0.42 -0.23 | 8.10 -0.34 -0.27 | 7.81 -0.34 -0.29 | 13.83 -0.58 -0.23 | 15.69 -0.82 -0.39 | 15.90 -0.75 -0.40 | 16.80 -0.91 -0.23 | 16.68 -1.04 -0.14 | 17.37 -1.06 -0.11 | 17.63 -1.10 -0.09 | 17.83 -1.13 -0.11 | 20.49 -1.30 -0.07 | 29.48 -1.53 -5.06 | 32.91 -1.60 -5.50 | 29.55 -1.34 -5.15 | 27.00 -1.29 -0.24 | 33.34 -1.31 -4.80 | 37.24 -1.25 -6.44 | 38.09 -1.32 -6.51 | 33.16 -1.38 -5.71 | 29.22 -1.32 -5.11 | 21.44 -0.99 -4.11 |
| PINELAWN_CC_1 323563 | 28.46 1.43 -9.64 | 25.80 0.75 -15.62 | 24.75 0.91 -12.78 | 24.06 0.69 -15.19 | 24.81 0.64 -16.31 | 28.16 1.28 -12.70 | 40.00 1.34 -22.54 | 40.02 1.51 -22.25 | 31.82 1.54 -12.80 | 26.61 1.48 -7.56 | 26.35 1.70 -6.33 | 25.58 1.70 -5.25 | 26.56 1.43 -6.29 | 27.54 1.80 -4.02 | 30.41 2.15 -2.31 | 32.43 2.81 -0.61 | 36.18 2.37 -8.08 | 43.57 2.30 -13.22 | 49.16 2.42 -16.89 | 61.52 2.66 -26.81 | 64.16 2.70 -28.56 | 49.17 2.42 -17.92 | 36.54 2.39 -8.73 | 32.74 1.36 -13.07 |
| PJM_GEN_HTP_PROXY 323702 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.62 0.77 -12.77 | 23.94 0.57 -15.19 | 24.71 0.55 -16.30 | 27.87 0.99 -12.70 | 39.80 1.14 -22.53 | 39.67 1.17 -22.24 | 31.66 1.38 -12.79 | 26.65 1.51 -7.56 | 26.22 1.58 -6.33 | 25.49 1.60 -5.25 | 26.73 1.60 -6.28 | 27.59 1.84 -4.03 | 30.39 2.13 -2.32 | 31.92 2.58 -0.33 | 36.03 2.24 -8.05 | 43.63 2.36 -13.22 | 49.15 2.42 -16.89 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.68 2.25 -12.61 | 36.16 2.01 -8.72 | 32.63 1.25 -13.07 |
| PJM_GEN_KEystone 24065 | 23.17 -0.10 -5.88 | 19.01 -0.02 -9.61 | 18.90 -0.02 -7.85 | 17.51 0.00 -9.34 | 17.89 0.01 -10.03 | 21.91 -0.03 -7.75 | 29.43 -0.05 -13.35 | 29.68 -0.13 -13.56 | 25.23 -0.10 -7.85 | 22.31 0.05 -4.68 | 22.25 0.02 -3.92 | 21.89 0.00 -3.25 | 22.74 0.00 -3.89 | 24.14 -0.06 -2.49 | 27.17 -0.21 -1.43 | 29.09 -0.12 -0.20 | 30.52 -0.21 -4.99 | 35.96 -0.28 -8.18 | 40.01 -0.30 -10.46 | 46.31 -0.38 -14.64 | 45.43 -0.30 -12.83 | 36.55 -0.09 -7.81 | 30.73 -0.10 -5.41 | 26.39 -0.02 -8.10 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 28.28 1.25 -9.64 | 25.70 0.66 -15.62 | 24.64 0.80 -12.78 | 23.96 0.60 -15.19 | 24.72 0.56 -16.31 | 27.99 1.11 -12.70 | 39.80 1.14 -22.54 | 39.79 1.28 -22.25 | 31.64 1.36 -12.80 | 26.49 1.35 -7.56 | 26.19 1.56 -6.32 | 25.44 1.57 -5.24 | 26.48 1.36 -6.28 | 27.42 1.69 -4.01 | 30.30 2.05 -2.30 | 31.99 2.64 -0.34 | 36.03 2.24 -8.05 | 43.51 2.25 -13.21 | 49.16 2.42 -16.89 | 59.05 2.63 -24.37 | 57.19 2.70 -21.59 | 44.35 2.33 -13.19 | 36.23 2.09 -8.72 | 32.59 1.21 -13.06 |
| PJM_GEN_VFT_PROXY 323633 | 28.16 1.13 -9.63 | 25.69 0.65 -15.62 | 24.60 0.75 -12.77 | 23.92 0.56 -15.19 | 24.69 0.53 -16.30 | 27.83 0.95 -12.70 | 39.77 1.11 -22.53 | 39.64 1.14 -22.24 | 31.62 1.35 -12.79 | 26.63 1.49 -7.56 | 26.20 1.56 -6.33 | 25.49 1.60 -5.25 | 26.71 1.58 -6.28 | 27.57 1.82 -4.03 | 30.37 2.10 -2.32 | 31.92 2.58 -0.34 | 36.06 2.27 -8.05 | 43.60 2.33 -13.22 | 49.09 2.36 -16.89 | 58.69 2.59 -24.05 | 56.27 2.66 -20.70 | 43.62 2.19 -12.61 | 36.14 1.98 -8.72 | 32.59 1.21 -13.07 |
| PLATSBURG_115KV_PMLD1 355749 | 16.98 -0.42 0.00 | 9.14 -0.28 0.00 | 10.68 -0.39 0.00 | 7.82 -0.35 0.00 | 7.49 -0.36 0.00 | 13.54 -0.64 0.00 | 15.33 -0.79 0.00 | 15.57 -0.68 0.00 | 16.70 -0.79 0.00 | 16.75 -0.83 0.00 | 17.53 -0.79 0.00 | 17.80 -0.84 0.00 | 17.94 -0.90 0.00 | 20.59 -1.13 0.00 | -7.10 -1.38 31.67 | -7.13 -1.48 34.66 | -7.07 -1.24 31.58 | 26.85 -1.21 0.00 | 0.16 -1.31 28.38 | -7.02 -1.25 37.82 | -7.05 -1.32 38.63 | -7.10 -1.35 34.57 | -7.13 -1.27 31.28 | -7.11 -0.95 24.47 |
| PLEASANTVLY___LBMP 24000 | 28.41 0.97 -10.04 | 26.23 0.54 -16.27 | 25.01 0.63 -13.31 | 24.46 0.47 -15.82 | 25.28 0.45 -16.98 | 28.21 0.79 -13.24 | 40.57 0.90 -23.54 | 40.37 0.93 -23.19 | 31.96 1.07 -13.41 | 26.63 1.14 -7.91 | 26.15 1.21 -6.62 | 25.36 1.23 -5.50 | 26.65 1.22 -6.58 | 27.30 1.39 -4.20 | 29.91 1.56 -2.41 | 31.28 1.94 -0.33 | 35.87 1.70 -8.43 | 43.70 1.82 -13.82 | 49.41 1.88 -17.68 | 59.19 2.05 -25.09 | 56.60 2.11 -21.59 | 43.79 1.82 -13.15 | 36.16 1.60 -9.14 | 32.97 0.97 -13.68 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 28.19 1.10 -9.70 | 25.76 0.61 -15.73 | 24.64 0.71 -12.86 | 24.00 0.52 -15.30 | 24.78 0.50 -16.42 | 27.88 0.91 -12.79 | 39.85 1.03 -22.69 | 39.73 1.07 -22.40 | 31.67 1.24 -12.95 | 26.54 1.32 -7.65 | 26.11 1.39 -6.40 | 25.36 1.42 -5.31 | 26.61 1.41 -6.36 | 27.38 1.63 -4.03 | 30.09 1.84 -2.30 | 31.59 2.29 -0.29 | 35.90 2.01 -8.15 | 43.53 2.13 -13.34 | 49.15 2.21 -17.09 | 58.68 2.40 -24.23 | 56.23 2.47 -20.86 | 43.60 2.08 -12.70 | 36.09 1.83 -8.83 | 32.66 1.12 -13.22 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 28.19 1.10 -9.70 | 25.76 0.61 -15.73 | 24.64 0.71 -12.86 | 24.00 0.52 -15.30 | 24.78 0.50 -16.42 | 27.88 0.91 -12.79 | 39.85 1.03 -22.69 | 39.73 1.07 -22.40 | 31.67 1.24 -12.95 | 26.54 1.32 -7.65 | 26.11 1.39 -6.40 | 25.36 1.42 -5.31 | 26.61 1.41 -6.36 | 27.38 1.63 -4.03 | 30.09 1.84 -2.30 | 31.59 2.29 -0.29 | 35.90 2.01 -8.15 | 43.53 2.13 -13.34 | 49.15 2.21 -17.09 | 58.68 2.40 -24.23 | 56.23 2.47 -20.86 | 43.60 2.08 -12.70 | 36.09 1.83 -8.83 | 32.66 1.12 -13.22 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 28.17 1.03 -9.75 | 25.84 0.58 -15.84 | 24.71 0.69 -12.95 | 24.08 0.51 -15.40 | 24.86 0.48 -16.53 | 27.90 0.87 -12.86 | 39.76 0.97 -22.67 | 39.76 0.99 -22.51 | 31.64 1.14 -13.02 | 26.43 1.14 -7.70 | 25.98 1.21 -6.45 | 25.20 1.21 -5.35 | 26.47 1.22 -6.41 | 27.22 1.41 -4.09 | 29.87 1.58 -2.34 | 31.35 2.03 -0.32 | 35.75 1.80 -8.21 | 43.51 1.99 -13.46 | 49.16 2.09 -17.22 | 58.72 2.28 -24.40 | 56.27 2.37 -21.00 | 43.66 2.05 -12.79 | 36.13 1.81 -8.90 | 32.72 1.08 -13.32 |
| POLETTI___ 23519 | 28.21 1.18 -9.63 | 25.71 0.67 -15.62 | 24.62 0.77 -12.77 | 23.94 0.57 -15.19 | 24.71 0.56 -16.30 | 27.87 0.99 -12.70 | 39.78 1.13 -22.53 | 39.65 1.15 -22.24 | 31.68 1.35 -12.85 | 26.68 1.51 -7.59 | 26.25 1.58 -6.36 | 25.51 1.60 -5.27 | 26.76 1.60 -6.31 | 27.61 1.85 -4.05 | 30.36 2.08 -2.33 | 31.89 2.55 -0.34 | 36.04 2.21 -8.09 | 43.69 2.36 -13.28 | 49.17 2.36 -16.96 | 58.73 2.63 -24.05 | 56.27 2.66 -20.70 | 43.62 2.19 -12.61 | 36.17 1.98 -8.76 | 32.67 1.23 -13.13 |
| POMONA___ESR 323819 | 27.72 1.04 -9.28 | 25.06 0.58 -15.06 | 24.07 0.69 -12.32 | 23.34 0.52 -14.65 | 24.07 0.50 -15.72 | 27.32 0.89 -12.24 | 38.82 1.02 -21.68 | 38.74 1.04 -21.44 | 31.07 1.21 -12.38 | 26.18 1.28 -7.32 | 25.78 1.34 -6.13 | 25.08 1.36 -5.08 | 26.28 1.36 -6.08 | 27.19 1.58 -3.89 | 29.99 1.82 -2.23 | 31.55 2.23 -0.31 | 35.44 1.90 -7.80 | 42.87 2.02 -12.79 | 48.26 2.06 -16.35 | 57.61 2.28 -23.29 | 55.29 2.34 -20.05 | 43.05 2.02 -12.21 | 35.65 1.78 -8.45 | 32.07 1.10 -12.65 |
| PORT_JEFF_3 23555 | 28.53 1.50 -9.64 | 25.83 0.79 -15.62 | 24.83 0.98 -12.78 | 24.11 0.74 -15.19 | 24.86 0.70 -16.31 | 28.26 1.38 -12.70 | 40.11 1.45 -22.54 | 40.15 1.64 -22.25 | 31.85 1.57 -12.80 | 26.61 1.48 -7.56 | 26.33 1.68 -6.32 | 25.56 1.68 -5.25 | 26.41 1.28 -6.28 | 27.38 1.65 -4.02 | 30.22 1.97 -2.30 | 32.10 2.64 -0.45 | 36.04 2.24 -8.06 | 43.93 2.67 -13.21 | 49.79 3.05 -16.89 | 60.68 3.30 -25.33 | 60.63 3.39 -24.34 | 46.65 2.77 -15.06 | 36.62 2.47 -8.72 | 32.68 1.30 -13.07 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PORT_JEFF_4 23616 | 28.53 1.50 -9.64 | 25.83 0.79 -15.62 | 24.83 0.98 -12.78 | 24.11 0.74 -15.19 | 24.86 0.70 -16.31 | 28.26 1.38 -12.70 | 40.11 1.45 -22.54 | 40.15 1.64 -22.25 | 31.85 1.57 -12.80 | 26.61 1.48 -7.56 | 26.33 1.68 -6.32 | 25.56 1.68 -5.25 | 26.41 1.28 -6.28 | 27.38 1.65 -4.02 | 30.22 1.97 -2.30 | 32.10 2.64 -0.45 | 36.04 2.24 -8.06 | 43.93 2.67 -13.21 | 49.79 3.05 -16.89 | 60.68 3.30 -25.33 | 60.63 3.39 -24.34 | 46.65 2.77 -15.06 | 36.62 2.47 -8.72 | 32.68 1.30 -13.07 |
| PORT_JEFF_IC 23713 | 28.54 1.51 -9.64 | 25.84 0.80 -15.62 | 24.83 0.99 -12.78 | 24.12 0.75 -15.19 | 24.87 0.71 -16.31 | 28.27 1.39 -12.70 | 40.11 1.45 -22.54 | 40.15 1.64 -22.25 | 31.93 1.59 -12.85 | 26.58 1.41 -7.59 | 26.36 1.69 -6.35 | 25.58 1.68 -5.27 | 26.43 1.28 -6.31 | 27.33 1.59 -4.03 | 30.16 1.89 -2.31 | 32.10 2.64 -0.46 | 36.08 2.24 -8.10 | 44.10 2.78 -13.27 | 49.89 3.07 -16.97 | 60.79 3.37 -25.37 | 60.77 3.42 -24.45 | 46.73 2.77 -15.13 | 36.71 2.52 -8.76 | 32.74 1.30 -13.13 |
| PPL PILGRIM_ST_GT1 24216 | 28.58 1.55 -9.64 | 25.86 0.82 -15.62 | 24.84 1.00 -12.78 | 24.12 0.75 -15.19 | 24.87 0.71 -16.31 | 28.28 1.39 -12.70 | 40.13 1.47 -22.54 | 40.16 1.66 -22.25 | 31.92 1.64 -12.80 | 26.70 1.56 -7.56 | 26.44 1.80 -6.33 | 25.67 1.79 -5.25 | 26.59 1.47 -6.28 | 27.58 1.84 -4.02 | 30.46 2.20 -2.30 | 32.36 2.87 -0.48 | 36.27 2.47 -8.06 | 44.04 2.78 -13.21 | 49.85 3.10 -16.89 | 61.00 3.40 -25.56 | 61.36 3.49 -24.98 | 47.23 2.91 -15.49 | 36.74 2.59 -8.72 | 32.81 1.43 -13.07 |
| PPL PILGRIM_ST_GT2 24217 | 28.58 1.55 -9.64 | 25.86 0.82 -15.62 | 24.84 1.00 -12.78 | 24.12 0.75 -15.19 | 24.87 0.71 -16.31 | 28.28 1.39 -12.70 | 40.13 1.47 -22.54 | 40.16 1.66 -22.25 | 31.92 1.64 -12.80 | 26.70 1.56 -7.56 | 26.44 1.80 -6.33 | 25.67 1.79 -5.25 | 26.59 1.47 -6.28 | 27.58 1.84 -4.02 | 30.46 2.20 -2.30 | 32.36 2.87 -0.48 | 36.27 2.47 -8.06 | 44.04 2.78 -13.21 | 49.85 3.10 -16.89 | 61.00 3.40 -25.56 | 61.36 3.49 -24.98 | 47.23 2.91 -15.49 | 36.74 2.59 -8.72 | 32.81 1.43 -13.07 |
| PPL_SHRM_GT3 24213 | 28.46 1.43 -9.64 | 25.80 0.75 -15.62 | 24.83 0.98 -12.78 | 24.13 0.76 -15.19 | 24.86 0.70 -16.31 | 28.29 1.40 -12.70 | 40.14 1.48 -22.54 | 40.18 1.67 -22.25 | 31.73 1.45 -12.80 | 26.42 1.28 -7.56 | 26.14 1.50 -6.32 | 25.35 1.47 -5.25 | 26.03 0.90 -6.28 | 26.95 1.22 -4.02 | 29.70 1.45 -2.30 | 31.52 2.06 -0.46 | 35.55 1.75 -8.06 | 43.79 2.53 -13.21 | 49.79 3.05 -16.89 | 60.76 3.36 -25.35 | 60.70 3.42 -24.37 | 46.50 2.60 -15.08 | 36.49 2.34 -8.72 | 32.45 1.06 -13.07 |
| PPL_SHRM_GT4 24214 | 28.46 1.43 -9.64 | 25.80 0.75 -15.62 | 24.83 0.98 -12.78 | 24.13 0.76 -15.19 | 24.86 0.70 -16.31 | 28.29 1.40 -12.70 | 40.14 1.48 -22.54 | 40.18 1.67 -22.25 | 31.73 1.45 -12.80 | 26.42 1.28 -7.56 | 26.14 1.50 -6.32 | 25.35 1.47 -5.25 | 26.03 0.90 -6.28 | 26.95 1.22 -4.02 | 29.70 1.45 -2.30 | 31.52 2.06 -0.46 | 35.55 1.75 -8.06 | 43.79 2.53 -13.21 | 49.79 3.05 -16.89 | 60.76 3.36 -25.35 | 60.70 3.42 -24.37 | 46.50 2.60 -15.08 | 36.49 2.34 -8.72 | 32.45 1.06 -13.07 |
| PROJECT___ORANGE 1 24174 | 18.25 -0.09 -0.94 | 10.89 -0.07 -1.54 | 12.26 -0.07 -1.26 | 9.63 -0.04 -1.49 | 9.42 -0.04 -1.60 | 15.38 -0.04 -1.24 | 18.26 0.00 -2.13 | 18.42 0.00 -2.17 | 18.74 0.00 -1.26 | 18.29 -0.04 -0.75 | 18.89 -0.05 -0.63 | 19.12 -0.04 -0.52 | 19.45 -0.02 -0.62 | 22.14 0.02 -0.40 | 26.25 0.08 -0.23 | 28.89 -0.15 -0.03 | 26.41 -0.13 -0.80 | 29.17 -0.20 -1.31 | 31.35 -0.18 -1.68 | 34.38 -0.19 -2.52 | 34.78 -0.23 -2.11 | 29.91 -0.18 -1.28 | 26.11 -0.18 -0.87 | 19.58 -0.04 -1.30 |
| PROJECT___ORANGE 2 24166 | 18.25 -0.09 -0.94 | 10.89 -0.07 -1.54 | 12.26 -0.07 -1.26 | 9.63 -0.04 -1.49 | 9.42 -0.04 -1.60 | 15.38 -0.04 -1.24 | 18.26 0.00 -2.13 | 18.42 0.00 -2.17 | 18.74 0.00 -1.26 | 18.29 -0.04 -0.75 | 18.89 -0.05 -0.63 | 19.12 -0.04 -0.52 | 19.45 -0.02 -0.62 | 22.14 0.02 -0.40 | 26.25 0.08 -0.23 | 28.89 -0.15 -0.03 | 26.41 -0.13 -0.80 | 29.17 -0.20 -1.31 | 31.35 -0.18 -1.68 | 34.38 -0.19 -2.52 | 34.78 -0.23 -2.11 | 29.91 -0.18 -1.28 | 26.11 -0.18 -0.87 | 19.58 -0.04 -1.30 |
| PUCKETT___SOLAR 323809 | 20.80 0.21 -3.20 | 14.75 0.10 -5.22 | 15.46 0.12 -4.27 | 13.36 0.11 -5.08 | 13.42 0.11 -5.45 | 18.61 0.21 -4.22 | 23.68 0.29 -7.26 | 23.86 0.23 -7.37 | 22.25 0.14 -4.62 | 20.41 0.07 -2.76 | 20.64 0.02 -2.31 | 20.57 0.02 -1.92 | 21.16 0.02 -2.29 | 23.22 0.04 -1.46 | 26.89 0.10 -0.84 | 29.26 0.15 -0.12 | 28.88 0.20 -2.94 | 33.16 0.28 -4.82 | 36.43 0.42 -6.17 | 41.21 0.48 -8.68 | 40.95 0.49 -7.56 | 33.92 0.49 -4.60 | 28.94 0.33 -3.19 | 23.36 0.28 -4.77 |
| PYRITES___HYD 24023 | 17.24 -0.31 -0.16 | 9.51 -0.17 -0.26 | 11.07 -0.21 -0.22 | 8.25 -0.18 -0.26 | 7.95 -0.18 -0.27 | 14.10 -0.30 -0.21 | 16.04 -0.45 -0.37 | 16.24 -0.39 -0.37 | 17.12 -0.58 -0.21 | 16.93 -0.77 -0.13 | 17.64 -0.79 -0.11 | 17.90 -0.82 -0.09 | 18.08 -0.87 -0.11 | 20.81 -0.98 -0.07 | 29.37 -1.12 -4.54 | 32.83 -1.10 -4.93 | 29.51 -0.85 -4.62 | 27.55 -0.73 -0.22 | 33.54 -0.63 -4.32 | 37.39 -0.45 -5.79 | 38.22 -0.53 -5.85 | 33.24 -0.72 -5.13 | 29.26 -0.76 -4.59 | 21.41 -0.60 -3.70 |
| QUAKERRD_115KV_BK1 80622 | 17.64 -1.03 -1.27 | 10.96 -0.53 -2.07 | 12.14 -0.62 -1.69 | 9.76 -0.43 -2.01 | 9.63 -0.38 -2.16 | 15.10 -0.75 -1.67 | 18.08 -0.92 -2.87 | 18.10 -1.07 -2.92 | 17.96 -1.21 -1.69 | 17.58 -1.00 -1.01 | 18.04 -1.12 -0.84 | 18.23 -1.10 -0.70 | 18.59 -1.09 -0.84 | 20.88 -1.37 -0.53 | 24.39 -1.87 -0.31 | 27.10 -1.94 -0.04 | 25.01 -1.80 -1.07 | 28.04 -1.77 -1.76 | 30.22 -1.88 -2.25 | 32.75 -2.24 -2.95 | 33.70 -2.04 -2.84 | 28.97 -1.59 -1.73 | 25.11 -1.47 -1.16 | 19.18 -0.88 -1.74 |
| QUENSBRY_115KV_TB8 356137 | 31.26 1.08 -12.78 | 29.53 0.57 -19.53 | 27.71 0.66 -15.97 | 27.67 0.50 -19.00 | 28.74 0.50 -20.39 | 31.95 0.91 -16.86 | 54.28 1.13 -37.03 | 47.25 1.04 -29.95 | 35.97 1.01 -17.47 | 28.01 0.93 -9.50 | 27.24 0.97 -7.96 | 26.22 0.99 -6.60 | 27.82 1.07 -7.90 | 28.02 1.26 -5.04 | 30.34 1.50 -2.89 | 31.34 1.94 -0.40 | 37.13 1.26 -10.13 | 46.12 1.46 -16.61 | 52.79 1.70 -21.24 | 64.13 1.86 -30.23 | 60.86 1.94 -26.02 | 46.26 1.59 -15.85 | 37.75 1.35 -10.97 | 35.63 0.88 -16.43 |
| RAMAPO___LBMP 323565 | 27.60 0.97 -9.23 | 24.93 0.55 -14.97 | 23.95 0.64 -12.24 | 23.20 0.47 -14.56 | 23.93 0.46 -15.62 | 27.17 0.82 -12.17 | 38.60 0.94 -21.54 | 38.52 0.96 -21.31 | 30.96 1.12 -12.36 | 26.08 1.20 -7.30 | 25.70 1.26 -6.12 | 24.99 1.29 -5.07 | 26.20 1.28 -6.07 | 27.07 1.48 -3.88 | 29.83 1.66 -2.23 | 31.37 2.06 -0.31 | 35.30 1.78 -7.78 | 42.67 1.85 -12.77 | 48.05 1.88 -16.32 | 57.25 2.08 -23.12 | 54.94 2.14 -19.90 | 42.79 1.84 -12.12 | 35.49 1.63 -8.43 | 31.95 1.01 -12.63 |
| RANKINE____ 23646 | 17.55 -1.53 -1.68 | 11.43 -0.74 -2.75 | 12.43 -0.89 -2.25 | 10.23 -0.62 -2.68 | 10.15 -0.57 -2.87 | 15.24 -1.16 -2.22 | 18.56 -1.39 -3.82 | 18.56 -1.58 -3.88 | 17.91 -1.82 -2.24 | 17.44 -1.48 -1.34 | 17.79 -1.65 -1.12 | 17.87 -1.70 -0.93 | 18.28 -1.68 -1.11 | 20.30 -2.13 -0.71 | 23.55 -2.80 -0.41 | 25.99 -3.07 -0.06 | 24.28 -2.88 -1.43 | 27.59 -2.81 -2.34 | 29.77 -3.07 -2.99 | 32.21 -3.69 -3.85 | 33.19 -3.49 -3.77 | 28.47 -2.65 -2.30 | 24.56 -2.42 -1.55 | 19.29 -1.34 -2.31 |
| RAVENSWOOD_GT2_1 24244 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.63 0.79 -12.77 | 23.95 0.58 -15.19 | 24.72 0.56 -16.30 | 27.89 1.01 -12.70 | 39.80 1.14 -22.53 | 39.69 1.19 -22.25 | 31.72 1.38 -12.85 | 26.68 1.51 -7.59 | 26.25 1.58 -6.36 | 25.53 1.62 -5.27 | 26.76 1.60 -6.31 | 27.61 1.85 -4.05 | 30.38 2.10 -2.34 | 31.93 2.58 -0.34 | 36.09 2.27 -8.09 | 43.75 2.41 -13.28 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.30 2.70 -20.70 | 43.68 2.25 -12.61 | 36.23 2.03 -8.77 | 32.69 1.25 -13.13 |

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|---|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| RAVENSWOOD_GT2_2 24245 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.63 0.79 -12.77 | 23.95 0.58 -15.19 | 24.72 0.56 -16.30 | 27.89 1.01 -12.70 | 39.80 1.14 -22.53 | 39.69 1.19 -22.25 | 31.72 1.38 -12.85 | 26.68 1.51 -7.59 | 26.25 1.58 -6.36 | 25.53 1.62 -5.27 | 26.76 1.60 -6.31 | 27.61 1.85 -4.05 | 30.38 2.10 -2.34 | 31.93 2.58 -0.34 | 36.09 2.27 -8.09 | 43.75 2.41 -13.28 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.30 2.70 -20.70 | 43.68 2.25 -12.61 | 36.23 2.03 -8.77 | 32.69 1.25 -13.13 |
| RAVENSWOOD_GT2_3 24246 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.63 0.79 -12.77 | 23.95 0.58 -15.19 | 24.72 0.56 -16.30 | 27.89 1.01 -12.70 | 39.82 1.16 -22.53 | 39.69 1.19 -22.25 | 31.72 1.38 -12.85 | 26.70 1.53 -7.59 | 26.27 1.59 -6.36 | 25.53 1.62 -5.27 | 26.78 1.62 -6.31 | 27.64 1.87 -4.05 | 30.41 2.13 -2.34 | 31.93 2.58 -0.34 | 36.09 2.27 -8.09 | 43.75 2.41 -13.28 | 49.26 2.45 -16.97 | 58.79 2.69 -24.05 | 56.34 2.73 -20.70 | 43.68 2.25 -12.61 | 36.23 2.03 -8.77 | 32.71 1.26 -13.13 |
| RAVENSWOOD_GT2_4 24247 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.63 0.79 -12.77 | 23.95 0.58 -15.19 | 24.72 0.56 -16.30 | 27.89 1.01 -12.70 | 39.82 1.16 -22.53 | 39.69 1.19 -22.25 | 31.72 1.38 -12.85 | 26.70 1.53 -7.59 | 26.27 1.59 -6.36 | 25.53 1.62 -5.27 | 26.78 1.62 -6.31 | 27.64 1.87 -4.05 | 30.41 2.13 -2.34 | 31.93 2.58 -0.34 | 36.09 2.27 -8.09 | 43.75 2.41 -13.28 | 49.26 2.45 -16.97 | 58.79 2.69 -24.05 | 56.34 2.73 -20.70 | 43.68 2.25 -12.61 | 36.23 2.03 -8.77 | 32.71 1.26 -13.13 |
| RAVENSWOOD_GT3_1 24248 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.63 0.79 -12.77 | 23.95 0.58 -15.19 | 24.72 0.56 -16.30 | 27.89 1.01 -12.70 | 39.80 1.14 -22.53 | 39.69 1.19 -22.25 | 31.72 1.38 -12.85 | 26.68 1.51 -7.59 | 26.27 1.59 -6.36 | 25.53 1.62 -5.27 | 26.76 1.60 -6.31 | 27.61 1.85 -4.05 | 30.38 2.10 -2.34 | 31.93 2.58 -0.34 | 36.09 2.27 -8.09 | 43.75 2.41 -13.28 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.34 2.73 -20.70 | 43.68 2.25 -12.61 | 36.23 2.03 -8.77 | 32.71 1.26 -13.13 |
| RAVENSWOOD_GT3_2 24249 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.63 0.79 -12.77 | 23.95 0.58 -15.19 | 24.72 0.56 -16.30 | 27.89 1.01 -12.70 | 39.80 1.14 -22.53 | 39.69 1.19 -22.25 | 31.72 1.38 -12.85 | 26.68 1.51 -7.59 | 26.27 1.59 -6.36 | 25.53 1.62 -5.27 | 26.76 1.60 -6.31 | 27.61 1.85 -4.05 | 30.38 2.10 -2.34 | 31.93 2.58 -0.34 | 36.09 2.27 -8.09 | 43.75 2.41 -13.28 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.34 2.73 -20.70 | 43.68 2.25 -12.61 | 36.23 2.03 -8.77 | 32.71 1.26 -13.13 |
| RAVENSWOOD_GT3_3 24250 | 28.25 1.22 -9.63 | 25.73 0.69 -15.62 | 24.64 0.80 -12.77 | 23.95 0.59 -15.19 | 24.72 0.57 -16.30 | 27.90 1.02 -12.70 | 39.82 1.16 -22.53 | 39.70 1.20 -22.25 | 31.73 1.40 -12.85 | 26.72 1.55 -7.59 | 26.29 1.61 -6.36 | 25.55 1.64 -5.27 | 26.79 1.64 -6.31 | 27.66 1.89 -4.05 | 30.44 2.15 -2.34 | 31.96 2.61 -0.34 | 36.12 2.29 -8.09 | 43.77 2.44 -13.28 | 49.29 2.48 -16.97 | 58.82 2.72 -24.05 | 56.37 2.76 -20.70 | 43.71 2.28 -12.61 | 36.25 2.06 -8.77 | 32.73 1.28 -13.13 |
| RAVENSWOOD_GT3_4 24251 | 28.25 1.22 -9.63 | 25.73 0.69 -15.62 | 24.64 0.80 -12.77 | 23.95 0.59 -15.19 | 24.72 0.57 -16.30 | 27.90 1.02 -12.70 | 39.82 1.16 -22.53 | 39.70 1.20 -22.25 | 31.73 1.40 -12.85 | 26.72 1.55 -7.59 | 26.29 1.61 -6.36 | 25.55 1.64 -5.27 | 26.79 1.64 -6.31 | 27.66 1.89 -4.05 | 30.44 2.15 -2.34 | 31.96 2.61 -0.34 | 36.12 2.29 -8.09 | 43.77 2.44 -13.28 | 49.29 2.48 -16.97 | 58.82 2.72 -24.05 | 56.37 2.76 -20.70 | 43.71 2.28 -12.61 | 36.25 2.06 | 32.73 1.28 |
| RAVENSWOOD_GT_1 23729 | 28.33 1.29 -9.64 | 25.77 0.73 -15.63 | 24.70 0.85 -12.78 | 24.00 0.62 -15.20 | 24.77 0.60 -16.31 | 27.97 1.08 -12.71 | 39.86 1.21 -22.53 | 39.74 1.24 -22.25 | 31.79 1.45 -12.85 | 26.80 1.62 -7.60 | 26.36 1.69 -6.36 | 25.65 1.73 -5.28 | 26.88 1.71 -6.32 | 27.75 1.98 -4.05 | 30.54 2.26 -2.34 | 32.10 2.76 -0.34 | 36.20 2.37 -8.09 | 43.89 2.55 -13.28 | 49.35 2.54 -16.97 | 58.89 2.79 -24.05 | 56.43 2.83 -20.70 | 43.77 2.33 -12.61 | 36.33 2.14 -8.77 | 32.80 1.36 -13.13 |
| RAVENSWOOD_GT_10 24258 | 28.23 1.20 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.95 0.58 -15.19 | 24.71 0.56 -16.30 | 27.89 1.01 -12.70 | 39.80 1.14 -22.53 | 39.69 1.19 -22.25 | 31.72 1.38 -12.85 | 26.68 1.51 -7.59 | 26.25 1.58 -6.36 | 25.53 1.62 -5.27 | 26.76 1.60 -6.31 | 27.61 1.85 -4.05 | 30.38 2.10 -2.34 | 31.93 2.58 -0.34 | 36.07 2.24 -8.09 | 43.75 2.41 -13.28 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.30 2.70 -20.70 | 43.68 2.25 -12.61 | 36.23 2.03 -8.77 | 32.69 1.25 -13.13 |
| RAVENSWOOD_GT_11 24259 | 28.23 1.20 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.95 0.58 -15.19 | 24.71 0.56 -16.30 | 27.89 1.01 -12.70 | 39.80 1.14 -22.53 | 39.69 1.19 -22.25 | 31.72 1.38 -12.85 | 26.68 1.51 -7.59 | 26.25 1.58 -6.36 | 25.53 1.62 -5.27 | 26.76 1.60 -6.31 | 27.61 1.85 -4.05 | 30.38 2.10 -2.34 | 31.93 2.58 -0.34 | 36.07 2.24 -8.09 | 43.75 2.41 -13.28 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.30 2.70 -20.70 | 43.68 2.25 -12.61 | 36.23 2.03 -8.77 | 32.69 1.25 -13.13 |
| RAVENSWOOD_GT_4 24252 | 28.21 1.18 -9.63 | 25.69 0.66 -15.62 | 24.61 0.77 -12.77 | 23.93 0.57 -15.19 | 24.70 0.55 -16.30 | 27.87 0.99 -12.70 | 39.80 1.14 -22.53 | 39.67 1.17 -22.25 | 31.70 1.36 -12.85 | 26.66 1.49 -7.59 | 26.25 1.58 -6.36 | 25.50 1.60 -5.27 | 26.73 1.58 -6.31 | 27.59 1.82 -4.05 | 30.36 2.08 -2.33 | 31.90 2.55 -0.34 | 36.07 2.24 -8.09 | 43.72 2.38 -13.28 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.30 2.70 -20.70 | 43.68 2.25 -12.61 | 36.20 2.01 -8.77 | 32.69 1.25 -13.13 |
| RAVENSWOOD_GT_5 24254 | 28.21 1.18 -9.63 | 25.69 0.66 -15.62 | 24.61 0.77 -12.77 | 23.93 0.57 -15.19 | 24.70 0.55 -16.30 | 27.87 0.99 -12.70 | 39.80 1.14 -22.53 | 39.67 1.17 -22.25 | 31.70 1.36 -12.85 | 26.66 1.49 -7.59 | 26.25 1.58 -6.36 | 25.50 1.60 -5.27 | 26.73 1.58 -6.31 | 27.59 1.82 -4.05 | 30.36 2.08 -2.33 | 31.90 2.55 -0.34 | 36.07 2.24 -8.09 | 43.72 2.38 -13.28 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.30 2.70 -20.70 | 43.68 2.25 -12.61 | 36.20 2.01 -8.77 | 32.69 1.25 -13.13 |
| RAVENSWOOD_GT_6 24253 | 28.21 1.18 -9.63 | 25.69 0.66 -15.62 | 24.61 0.77 -12.77 | 23.93 0.57 -15.19 | 24.70 0.55 -16.30 | 27.87 0.99 -12.70 | 39.80 1.14 -22.53 | 39.67 1.17 -22.25 | 31.70 1.36 -12.85 | 26.66 1.49 -7.59 | 26.25 1.58 -6.36 | 25.50 1.60 -5.27 | 26.73 1.58 -6.31 | 27.59 1.82 -4.05 | 30.36 2.08 -2.33 | 31.90 2.55 -0.34 | 36.07 2.24 -8.09 | 43.72 2.38 -13.28 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.30 2.70 -20.70 | 43.68 2.25 -12.61 | 36.20 2.01 -8.77 | 32.69 1.25 -13.13 |
| RAVENSWOOD_GT_7 24255 | 28.21 1.18 -9.63 | 25.69 0.66 -15.62 | 24.61 0.77 -12.77 | 23.93 0.57 -15.19 | 24.70 0.55 -16.30 | 27.87 0.99 -12.70 | 39.80 1.14 -22.53 | 39.67 1.17 -22.25 | 31.70 1.36 -12.85 | 26.66 1.49 -7.59 | 26.25 1.58 -6.36 | 25.50 1.60 -5.27 | 26.73 1.58 -6.31 | 27.59 1.82 -4.05 | 30.36 2.08 -2.33 | 31.90 2.55 -0.34 | 36.07 2.24 -8.09 | 43.72 2.38 -13.28 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.30 2.70 -20.70 | 43.68 2.25 -12.61 | 36.20 2.01 -8.77 | 32.69 1.25 -13.13 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 28.23 1.20 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.95 0.58 -15.19 | 24.71 0.56 -16.30 | 27.89 1.01 -12.70 | 39.80 1.14 -22.53 | 39.69 1.19 -22.25 | 31.72 1.38 -12.85 | 26.68 1.51 -7.59 | 26.25 1.58 -6.36 | 25.53 1.62 -5.27 | 26.76 1.60 -6.31 | 27.61 1.85 -4.05 | 30.38 2.10 -2.34 | 31.93 2.58 -0.34 | 36.07 2.24 -8.09 | 43.75 2.41 -13.28 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.30 2.70 -20.70 | 43.68 2.25 -12.61 | 36.23 2.03 -8.77 | 32.69 1.25 -13.13 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT_9 24257 | 28.23 1.20 -9.63 | 25.71 0.67 -15.62 | 24.63 0.79 -12.77 | 23.95 0.58 -15.19 | 24.71 0.56 -16.30 | 27.89 1.01 -12.70 | 39.80 1.14 -22.53 | 39.69 1.19 -22.25 | 31.72 1.38 -12.85 | 26.68 1.51 -7.59 | 26.25 1.58 -6.36 | 25.53 1.62 -5.27 | 26.76 1.60 -6.31 | 27.61 1.85 -4.05 | 30.38 2.10 -2.34 | 31.93 2.58 -0.34 | 36.07 2.24 -8.09 | 43.75 2.41 -13.28 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.30 2.70 -20.70 | 43.68 2.25 -12.61 | 36.23 2.03 -8.77 | 32.69 1.25 -13.13 |
| RAVENSWOOD___1 23533 | 28.32 1.29 -9.64 | 25.77 0.73 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.76 0.60 -16.31 | 27.97 1.08 -12.71 | 39.85 1.19 -22.53 | 39.74 1.23 -22.25 | 31.73 1.45 -12.79 | 26.76 1.62 -7.56 | 26.33 1.68 -6.33 | 25.60 1.71 -5.26 | 26.85 1.71 -6.29 | 27.73 1.98 -4.04 | 30.53 2.26 -2.33 | 32.07 2.73 -0.34 | 36.16 2.37 -8.05 | 43.80 2.53 -13.22 | 49.27 2.54 -16.89 | 58.89 2.79 -24.05 | 56.40 2.80 -20.70 | 43.80 2.36 -12.61 | 36.26 2.11 -8.73 | 32.72 1.34 -13.07 |
| RAVENSWOOD___2 23534 | 28.32 1.29 -9.64 | 25.76 0.72 -15.63 | 24.69 0.84 -12.78 | 23.99 0.62 -15.20 | 24.76 0.60 -16.31 | 27.97 1.08 -12.71 | 39.85 1.19 -22.53 | 39.72 1.22 -22.25 | 31.73 1.45 -12.79 | 26.76 1.62 -7.56 | 26.31 1.67 -6.33 | 25.60 1.71 -5.26 | 26.83 1.70 -6.29 | 27.71 1.96 -4.04 | 30.53 2.26 -2.33 | 32.07 2.73 -0.34 | 36.16 2.37 -8.05 | 43.80 2.53 -13.22 | 49.27 2.54 -16.89 | 58.89 2.79 -24.05 | 56.40 2.80 -20.70 | 43.77 2.33 -12.61 | 36.26 2.11 -8.73 | 32.72 1.34 -13.07 |
| RAVENSWOOD___3 23535 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.63 0.79 -12.77 | 23.95 0.58 -15.19 | 24.72 0.56 -16.30 | 27.89 1.01 -12.70 | 39.80 1.14 -22.53 | 39.69 1.19 -22.25 | 31.66 1.38 -12.79 | 26.66 1.53 -7.56 | 26.24 1.59 -6.33 | 25.50 1.62 -5.25 | 26.73 1.60 -6.28 | 27.62 1.87 -4.03 | 30.40 2.13 -2.32 | 31.95 2.61 -0.34 | 36.06 2.27 -8.05 | 43.66 2.38 -13.22 | 49.15 2.42 -16.89 | 58.79 2.69 -24.05 | 56.33 2.73 -20.70 | 43.71 2.28 -12.61 | 36.19 2.03 -8.73 | 32.65 1.26 -13.07 |
| RAVENSWOOD___4 23820 | 28.31 1.27 -9.64 | 25.76 0.72 -15.63 | 24.69 0.84 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.95 1.06 -12.71 | 39.85 1.19 -22.53 | 39.72 1.22 -22.25 | 31.71 1.43 -12.79 | 26.74 1.60 -7.56 | 26.31 1.67 -6.33 | 25.59 1.70 -5.26 | 26.83 1.70 -6.29 | 27.71 1.96 -4.04 | 30.53 2.26 -2.33 | 32.07 2.73 -0.34 | 36.13 2.34 -8.05 | 43.80 2.53 -13.22 | 49.25 2.51 -16.89 | 58.86 2.76 -24.05 | 56.40 2.80 -20.70 | 43.77 2.33 -12.61 | 36.26 2.11 -8.72 | 32.72 1.34 -13.07 |
| RCPL_TRUST___DRP 24196 | 28.28 1.25 -9.63 | 25.74 0.71 -15.62 | 24.67 0.83 -12.77 | 23.97 0.60 -15.19 | 24.75 0.59 -16.30 | 27.94 1.06 -12.70 | 39.89 1.24 -22.53 | 39.78 1.28 -22.24 | 31.84 1.50 -12.85 | 26.80 1.63 -7.59 | 26.38 1.70 -6.36 | 25.66 1.75 -5.27 | 26.91 1.75 -6.31 | 27.78 2.02 -4.05 | 30.61 2.34 -2.33 | 32.15 2.81 -0.34 | 36.27 2.45 -8.09 | 43.97 2.64 -13.28 | 49.44 2.63 -16.96 | 58.98 2.88 -24.05 | 56.53 2.93 -20.70 | 43.83 2.39 -12.61 | 36.35 2.16 -8.76 | 32.78 1.34 -13.13 |
| RED___ROCHESTER 323720 | 18.00 -0.70 -1.30 | 11.21 -0.34 -2.13 | 12.41 -0.40 -1.74 | 9.97 -0.27 -2.07 | 9.84 -0.23 -2.22 | 15.42 -0.48 -1.72 | 18.45 -0.63 -2.96 | 18.48 -0.78 -3.00 | 18.41 -0.86 -1.78 | 17.98 -0.67 -1.06 | 18.44 -0.77 -0.89 | 18.63 -0.75 -0.74 | 18.99 -0.74 -0.88 | 21.33 -0.96 -0.56 | 24.84 -1.43 -0.32 | 27.63 -1.42 -0.04 | 25.48 -1.39 -1.13 | 28.51 -1.40 -1.86 | 30.86 -1.37 -2.38 | 33.36 -1.70 -3.01 | 34.41 -1.41 -2.92 | 29.51 -1.10 -1.78 | 25.64 -1.02 -1.23 | 19.64 -0.51 -1.84 |
| REGAN___SOLAR 323812 | 32.50 1.36 -13.74 | 31.56 0.74 -21.40 | 29.41 0.84 -17.50 | 29.63 0.64 -20.81 | 30.84 0.64 -22.34 | 33.47 1.16 -18.13 | 54.97 1.43 -37.41 | 49.55 1.23 -32.06 | 37.25 1.10 -18.66 | 28.89 0.90 -10.42 | 27.98 0.93 -8.73 | 26.82 0.95 -7.24 | 28.56 1.05 -8.66 | 28.53 1.28 -5.53 | 30.78 1.66 -3.17 | 31.47 2.03 -0.43 | 38.77 1.93 -11.10 | 48.65 2.38 -18.21 | 56.00 2.87 -23.29 | 68.46 3.24 -33.17 | 64.85 3.39 -28.56 | 49.13 2.91 -17.39 | 39.90 2.44 -12.03 | 38.02 1.68 -18.02 |
| RENSSELAER___COGEN 23796 | 28.37 0.63 -10.35 | 28.69 0.33 -18.94 | 26.95 0.39 -15.49 | 26.88 0.29 -18.42 | 27.90 0.27 -19.77 | 28.31 0.50 -13.63 | 27.98 0.56 -11.29 | 39.92 0.55 -23.11 | 31.20 0.65 -13.06 | 27.41 0.63 -9.20 | 26.66 0.64 -7.70 | 25.66 0.63 -6.39 | 27.15 0.66 -7.65 | 27.34 0.74 -4.88 | 29.42 0.67 -2.80 | 30.34 0.96 -0.38 | 36.39 0.85 -9.80 | 45.03 0.90 -16.08 | 51.36 0.95 -20.56 | 62.35 0.99 -29.31 | 59.18 1.05 -25.23 | 45.11 0.92 -15.37 | 36.89 0.84 -10.62 | 34.74 0.51 -15.91 |
| REPUBLIC_115KV_BARTNBRK 55605 | 31.78 1.60 -12.78 | 29.80 0.86 -19.52 | 28.02 0.99 -15.97 | 27.90 0.74 -18.99 | 28.98 0.75 -20.38 | 32.39 1.35 -16.86 | 54.94 1.73 -37.09 | 47.75 1.54 -29.95 | 36.43 1.47 -17.48 | 28.38 1.30 -9.50 | 27.64 1.37 -7.95 | 26.65 1.42 -6.60 | 28.27 1.53 -7.90 | 28.56 1.80 -5.04 | 31.02 2.18 -2.89 | 32.15 2.76 -0.40 | 38.00 2.14 -10.12 | 47.18 2.52 -16.60 | 54.03 2.96 -21.23 | 65.53 3.27 -30.21 | 62.33 3.42 -26.01 | 47.46 2.80 -15.84 | 38.73 2.34 -10.97 | 36.35 1.61 -16.43 |
| REVERE_CPPR_DRP 24186 | 18.33 0.40 -0.54 | 10.49 0.20 -0.87 | 12.03 0.24 -0.71 | 9.21 0.19 -0.85 | 8.96 0.20 -0.91 | 15.28 0.40 -0.71 | 17.82 0.48 -1.21 | 17.96 0.47 -1.23 | 18.58 0.38 -0.71 | 18.25 0.25 -0.43 | 18.91 0.24 -0.36 | 19.15 0.22 -0.30 | 19.40 0.21 -0.35 | 22.27 0.33 -0.23 | 26.65 0.57 -0.13 | 29.69 0.67 -0.02 | 26.94 0.75 -0.45 | 29.61 0.81 -0.75 | 31.82 1.01 -0.95 | 34.60 1.15 -1.39 | 35.19 1.09 -1.20 | 30.45 0.89 -0.73 | 26.58 0.66 -0.49 | 19.53 0.48 -0.74 |
| REYNOLDS_115KV_TB3 80639 | 31.44 0.90 -13.14 | 28.84 0.47 -18.95 | 27.12 0.55 -15.50 | 27.02 0.42 -18.43 | 28.03 0.40 -19.78 | 32.25 0.72 -17.35 | 61.78 0.81 -44.85 | 48.26 0.80 -31.21 | 36.74 0.91 -18.35 | 27.73 0.93 -9.22 | 26.93 0.90 -7.72 | 25.95 0.91 -6.40 | 27.45 0.94 -7.67 | 27.63 1.02 -4.89 | 29.66 0.91 -2.81 | 30.64 1.25 -0.38 | 36.67 1.11 -9.82 | 45.34 1.18 -16.11 | 51.73 1.28 -20.60 | 62.69 1.31 -29.33 | 59.53 1.38 -25.25 | 45.44 1.24 -15.38 | 37.16 1.09 -10.64 | 34.94 0.68 -15.94 |
| RIVERBAY____ 323610 | 28.34 1.30 -9.64 | 25.79 0.74 -15.63 | 24.73 0.87 -12.78 | 24.02 0.65 -15.20 | 24.79 0.62 -16.31 | 28.01 1.12 -12.71 | 39.83 1.18 -22.53 | 39.67 1.17 -22.25 | 31.72 1.38 -12.85 | 26.69 1.53 -7.58 | 26.29 1.61 -6.36 | 25.52 1.62 -5.26 | 26.77 1.62 -6.30 | 27.61 1.85 -4.05 | 30.38 2.10 -2.33 | 31.93 2.58 -0.35 | 36.07 2.24 -8.09 | 43.78 2.44 -13.29 | 49.23 2.42 -16.97 | 58.76 2.66 -24.05 | 56.34 2.73 -20.70 | 43.74 2.31 -12.61 | 36.38 2.19 -8.77 | 32.89 1.45 -13.13 |
| RIVERSDE_115KV_TB3 55908 | 30.68 0.77 -12.52 | 28.81 0.40 -19.00 | 27.07 0.46 -15.54 | 27.00 0.35 -18.47 | 28.02 0.34 -19.83 | 31.30 0.61 -16.51 | 53.85 0.68 -37.05 | 46.30 0.67 -29.38 | 35.41 0.77 -17.16 | 27.61 0.79 -9.24 | 26.82 0.77 -7.74 | 25.84 0.78 -6.42 | 27.34 0.81 -7.69 | 27.51 0.89 -4.91 | 29.59 0.83 -2.81 | 30.52 1.13 -0.39 | 36.59 1.00 -9.85 | 45.27 1.07 -16.15 | 51.64 1.13 -20.65 | 62.63 1.19 -29.40 | 59.46 1.25 -25.31 | 45.33 1.10 -15.41 | 37.09 0.99 -10.67 | 34.90 0.60 -15.98 |
| ROARING___BROOK_WT_PWR 323790 | 16.79 -0.61 0.00 | 9.08 -0.34 0.00 | 10.67 -0.40 0.00 | 7.86 -0.31 0.00 | 7.55 -0.30 0.00 | 13.64 -0.54 0.00 | 15.50 -0.63 0.00 | 15.65 -0.60 0.00 | 16.84 -0.65 0.00 | 16.93 -0.65 0.00 | 17.66 -0.66 0.00 | 17.96 -0.67 0.00 | 18.17 -0.68 0.00 | 20.94 -0.78 0.00 | 25.01 -0.93 0.00 | 28.02 -0.99 0.00 | 24.89 -0.85 0.00 | 27.15 -0.90 0.00 | 28.87 -0.98 0.00 | 31.02 -1.03 0.00 | 31.82 -1.08 0.00 | 27.82 -1.01 0.00 | 24.51 -0.91 0.00 | 17.62 -0.70 0.00 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ROCHESRG_115KV_T4 355643 | 17.82 -0.87 -1.29 | 11.11 -0.42 -2.11 | 12.30 -0.50 -1.73 | 9.89 -0.34 -2.06 | 9.76 -0.30 -2.21 | 15.28 -0.61 -1.71 | 18.29 -0.77 -2.94 | 18.31 -0.93 -2.98 | 18.12 -1.08 -1.72 | 17.78 -0.83 -1.03 | 18.24 -0.93 -0.86 | 18.44 -0.91 -0.71 | 18.77 -0.92 -0.85 | 21.07 -1.19 -0.55 | 24.57 -1.69 -0.31 | 27.28 -1.77 -0.04 | 25.19 -1.65 -1.10 | 28.28 -1.57 -1.80 | 30.48 -1.67 -2.30 | 32.96 -2.08 -2.99 | 33.99 -1.81 -2.90 | 29.24 -1.35 -1.77 | 25.34 -1.27 -1.19 | 19.40 -0.70 -1.78 |
| ROCHESTER_9_IC 23652 | 17.92 -0.78 -1.30 | 11.17 -0.38 -2.13 | 12.36 -0.44 -1.74 | 9.94 -0.30 -2.07 | 9.81 -0.26 -2.22 | 15.36 -0.54 -1.72 | 18.39 -0.69 -2.96 | 18.41 -0.85 -3.00 | 18.24 -0.98 -1.73 | 17.88 -0.74 -1.03 | 18.34 -0.84 -0.87 | 18.53 -0.82 -0.72 | 18.87 -0.83 -0.86 | 21.20 -1.06 -0.55 | 24.71 -1.56 -0.31 | 27.45 -1.60 -0.04 | 25.35 -1.49 -1.10 | 28.46 -1.40 -1.81 | 30.67 -1.49 -2.31 | 33.20 -1.86 -3.01 | 34.24 -1.58 -2.92 | 29.45 -1.15 -1.78 | 25.50 -1.12 -1.19 | 19.52 -0.59 -1.79 |
| ROCKVIEW_13_KV_LD 356306 | 28.18 1.15 -9.63 | 25.69 0.65 -15.62 | 24.60 0.75 -12.77 | 23.92 0.56 -15.19 | 24.69 0.53 -16.30 | 27.85 0.96 -12.70 | 39.77 1.11 -22.53 | 39.65 1.15 -22.24 | 31.66 1.33 -12.85 | 26.59 1.42 -7.59 | 26.18 1.50 -6.36 | 25.44 1.53 -5.27 | 26.68 1.53 -6.31 | 27.54 1.76 -4.06 | 30.29 2.00 -2.34 | 31.82 2.47 -0.35 | 35.99 2.16 -8.09 | 43.68 2.33 -13.30 | 49.20 2.39 -16.96 | 58.70 2.60 -24.05 | 56.27 2.66 -20.70 | 43.65 2.22 -12.61 | 36.17 1.98 -8.77 | 32.65 1.21 -13.13 |
| ROME____115KV_TB2 80656 | 18.33 0.40 -0.54 | 10.49 0.20 -0.87 | 12.03 0.24 -0.71 | 9.21 0.19 -0.85 | 8.96 0.20 -0.91 | 15.28 0.40 -0.71 | 17.82 0.48 -1.21 | 17.96 0.47 -1.23 | 18.58 0.38 -0.71 | 18.25 0.25 -0.43 | 18.91 0.24 -0.36 | 19.15 0.22 -0.30 | 19.40 0.21 -0.35 | 22.27 0.33 -0.23 | 26.65 0.57 -0.13 | 29.69 0.67 -0.02 | 26.94 0.75 -0.45 | 29.61 0.81 -0.75 | 31.82 1.01 -0.95 | 34.60 1.15 -1.39 | 35.19 1.09 -1.20 | 30.45 0.89 -0.73 | 26.58 0.66 -0.49 | 19.53 0.48 -0.74 |
| ROSETON___1 23587 | 27.93 0.92 -9.61 | 25.53 0.52 -15.60 | 24.43 0.61 -12.75 | 23.79 0.45 -15.17 | 24.56 0.43 -16.28 | 27.62 0.77 -12.67 | 39.41 0.87 -22.41 | 39.34 0.89 -22.19 | 31.29 1.03 -12.78 | 26.24 1.11 -7.55 | 25.80 1.15 -6.33 | 25.06 1.17 -5.25 | 26.29 1.17 -6.28 | 27.07 1.35 -4.01 | 29.78 1.53 -2.30 | 31.23 1.91 -0.31 | 35.46 1.67 -8.05 | 43.02 1.77 -13.20 | 48.55 1.82 -16.88 | 58.11 2.02 -24.04 | 55.64 2.04 -20.70 | 43.19 1.76 -12.61 | 35.70 1.55 -8.72 | 32.33 0.95 -13.07 |
| ROSETON___2 23588 | 27.93 0.92 -9.61 | 25.53 0.52 -15.60 | 24.43 0.61 -12.75 | 23.79 0.45 -15.17 | 24.56 0.43 -16.28 | 27.62 0.77 -12.67 | 39.41 0.87 -22.41 | 39.34 0.89 -22.19 | 31.29 1.03 -12.78 | 26.24 1.11 -7.55 | 25.80 1.15 -6.33 | 25.06 1.17 -5.25 | 26.29 1.17 -6.28 | 27.07 1.35 -4.01 | 29.78 1.53 -2.30 | 31.23 1.91 -0.31 | 35.46 1.67 -8.05 | 43.02 1.77 -13.20 | 48.55 1.82 -16.88 | 58.11 2.02 -24.04 | 55.64 2.04 -20.70 | 43.19 1.76 -12.61 | 35.70 1.55 -8.72 | 32.33 0.95 -13.07 |
| ROTRDAM_115KV_TB3 80664 | 30.81 0.63 -12.79 | 29.46 0.34 -19.70 | 27.58 0.40 -16.11 | 27.63 0.29 -19.16 | 28.71 0.29 -20.57 | 31.56 0.51 -16.87 | 52.78 0.61 -36.05 | 46.74 0.59 -29.90 | 35.52 0.61 -17.42 | 27.78 0.62 -9.59 | 26.98 0.64 -8.03 | 25.95 0.65 -6.66 | 27.47 0.66 -7.97 | 27.59 0.78 -5.09 | 29.80 0.93 -2.92 | 30.59 1.19 -0.40 | 36.98 1.03 -10.21 | 45.98 1.18 -16.75 | 52.56 1.28 -21.42 | 63.92 1.38 -30.49 | 60.56 1.41 -26.25 | 46.05 1.24 -15.99 | 37.56 1.07 -11.07 | 35.59 0.70 -16.58 |
| RUSSELL___1 23602 | 18.00 -0.70 -1.30 | 11.21 -0.34 -2.13 | 12.40 -0.41 -1.74 | 9.97 -0.27 -2.07 | 9.84 -0.23 -2.22 | 15.42 -0.48 -1.72 | 18.45 -0.63 -2.96 | 18.48 -0.78 -3.00 | 18.31 -0.91 -1.73 | 17.95 -0.67 -1.03 | 18.41 -0.77 -0.87 | 18.61 -0.75 -0.72 | 18.97 -0.73 -0.86 | 21.31 -0.96 -0.55 | 24.83 -1.43 -0.31 | 27.63 -1.42 -0.04 | 25.48 -1.36 -1.10 | 28.63 -1.23 -1.81 | 30.85 -1.31 -2.31 | 33.39 -1.67 -3.01 | 34.44 -1.38 -2.92 | 29.59 -1.01 -1.78 | 25.63 -0.99 -1.19 | 19.59 -0.51 -1.79 |
| RUSSELL___2 23532 | 18.00 -0.70 -1.30 | 11.21 -0.34 -2.13 | 12.40 -0.41 -1.74 | 9.97 -0.27 -2.07 | 9.84 -0.23 -2.22 | 15.42 -0.48 -1.72 | 18.45 -0.63 -2.96 | 18.48 -0.78 -3.00 | 18.31 -0.91 -1.73 | 17.95 -0.67 -1.03 | 18.41 -0.77 -0.87 | 18.61 -0.75 -0.72 | 18.97 -0.73 -0.86 | 21.31 -0.96 -0.55 | 24.83 -1.43 -0.31 | 27.63 -1.42 -0.04 | 25.48 -1.36 -1.10 | 28.63 -1.23 -1.81 | 30.85 -1.31 -2.31 | 33.39 -1.67 -3.01 | 34.44 -1.38 -2.92 | 29.59 -1.01 -1.78 | 25.63 -0.99 -1.19 | 19.59 -0.51 -1.79 |
| RUSSELL___3 23549 | 18.00 -0.70 -1.30 | 11.21 -0.34 -2.13 | 12.40 -0.41 -1.74 | 9.97 -0.27 -2.07 | 9.84 -0.23 -2.22 | 15.42 -0.48 -1.72 | 18.45 -0.63 -2.96 | 18.48 -0.78 -3.00 | 18.31 -0.91 -1.73 | 17.95 -0.67 -1.03 | 18.41 -0.77 -0.87 | 18.61 -0.75 -0.72 | 18.97 -0.73 -0.86 | 21.31 -0.96 -0.55 | 24.83 -1.43 -0.31 | 27.63 -1.42 -0.04 | 25.48 -1.36 -1.10 | 28.63 -1.23 -1.81 | 30.85 -1.31 -2.31 | 33.39 -1.67 -3.01 | 34.44 -1.38 -2.92 | 29.59 -1.01 -1.78 | 25.63 -0.99 -1.19 | 19.59 -0.51 -1.79 |
| RUSSELL___4 23556 | 18.00 -0.70 -1.30 | 11.21 -0.34 -2.13 | 12.40 -0.41 -1.74 | 9.97 -0.27 -2.07 | 9.84 -0.23 -2.22 | 15.42 -0.48 -1.72 | 18.45 -0.63 -2.96 | 18.48 -0.78 -3.00 | 18.31 -0.91 -1.73 | 17.95 -0.67 -1.03 | 18.41 -0.77 -0.87 | 18.61 -0.75 -0.72 | 18.97 -0.73 -0.86 | 21.31 -0.96 -0.55 | 24.83 -1.43 -0.31 | 27.63 -1.42 -0.04 | 25.48 -1.36 -1.10 | 28.63 -1.23 -1.81 | 30.85 -1.31 -2.31 | 33.39 -1.67 -3.01 | 34.44 -1.38 -2.92 | 29.59 -1.01 -1.78 | 25.63 -0.99 -1.19 | 19.59 -0.51 -1.79 |
| RUSSELL___STATION 23914 | 18.00 -0.70 -1.30 | 11.21 -0.34 -2.13 | 12.40 -0.41 -1.74 | 9.97 -0.27 -2.07 | 9.84 -0.23 -2.22 | 15.42 -0.48 -1.72 | 18.45 -0.63 -2.96 | 18.48 -0.78 -3.00 | 18.31 -0.91 -1.73 | 17.95 -0.67 -1.03 | 18.41 -0.77 -0.87 | 18.61 -0.75 -0.72 | 18.97 -0.73 -0.86 | 21.31 -0.96 -0.55 | 24.83 -1.43 -0.31 | 27.63 -1.42 -0.04 | 25.48 -1.36 -1.10 | 28.63 -1.23 -1.81 | 30.85 -1.31 -2.31 | 33.39 -1.67 -3.01 | 34.44 -1.38 -2.92 | 29.59 -1.01 -1.78 | 25.63 -0.99 -1.19 | 19.59 -0.51 -1.79 |
| S SALMON___HYD 24043 | 17.96 -0.21 -0.77 | 10.53 -0.14 -1.25 | 11.94 -0.15 -1.03 | 9.29 -0.11 -1.22 | 9.07 -0.09 -1.31 | 15.07 -0.13 -1.01 | 17.77 -0.10 -1.74 | 17.91 -0.11 -1.77 | 18.33 -0.21 -1.05 | 17.87 -0.33 -0.63 | 18.51 -0.33 -0.53 | 18.72 -0.35 -0.44 | 19.01 -0.36 -0.52 | 21.68 -0.37 -0.33 | 25.80 -0.34 -0.19 | 28.51 -0.52 -0.03 | 26.02 -0.39 -0.67 | 28.70 -0.45 -1.10 | 30.86 -0.39 -1.40 | 33.76 -0.29 -2.00 | 34.29 -0.33 -1.72 | 29.53 -0.34 -1.05 | 25.79 -0.36 -0.72 | 19.22 -0.18 -1.08 |
| S.PERRY__115KV_TB1 80734 | 18.62 -0.54 -1.77 | 12.02 -0.28 -2.88 | 13.11 -0.32 -2.36 | 10.78 -0.20 -2.81 | 10.70 -0.16 -3.01 | 16.20 -0.31 -2.33 | 19.75 -0.39 -4.01 | 19.71 -0.62 -4.07 | 18.94 -0.89 -2.35 | 18.16 -0.83 -1.40 | 18.50 -0.99 -1.18 | 18.58 -1.02 -0.97 | 18.99 -1.02 -1.17 | 21.20 -1.26 -0.75 | 23.91 -2.47 -0.43 | 26.45 -2.61 -0.06 | 24.89 -2.34 -1.50 | 28.37 -2.13 -2.45 | 30.96 -2.03 -3.14 | 33.80 -2.15 -3.90 | 36.04 -0.82 -3.96 | 30.66 -0.58 -2.41 | 26.39 -0.66 -1.62 | 20.51 -0.24 -2.43 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 17.49 -1.53 -1.62 | 11.34 -0.73 -2.65 | 12.36 -0.87 -2.17 | 10.14 -0.61 -2.58 | 10.05 -0.57 -2.77 | 15.14 -1.18 -2.14 | 18.41 -1.40 -3.69 | 18.41 -1.59 -3.74 | 17.81 -1.84 -2.16 | 17.41 -1.46 -1.29 | 17.77 -1.63 -1.08 | 17.85 -1.68 -0.90 | 18.26 -1.66 -1.07 | 20.27 -2.13 -0.69 | 23.51 -2.83 -0.39 | 25.96 -3.10 -0.06 | 24.23 -2.88 -1.37 | 27.48 -2.83 -2.26 | 29.63 -3.10 -2.88 | 32.05 -3.72 -3.71 | 33.05 -3.49 -3.64 | 28.36 -2.68 -2.22 | 24.50 -2.42 -1.49 | 19.19 -1.36 -2.23 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SAWYER___23_KV_LOAD 55526 | 17.49 -1.53 -1.62 | 11.34 -0.73 -2.65 | 12.36 -0.87 -2.17 | 10.14 -0.61 -2.58 | 10.05 -0.57 -2.77 | 15.14 -1.18 -2.14 | 18.41 -1.40 -3.69 | 18.41 -1.59 -3.74 | 17.81 -1.84 -2.16 | 17.41 -1.46 -1.29 | 17.77 -1.63 -1.08 | 17.85 -1.68 -0.90 | 18.26 -1.66 -1.07 | 20.27 -2.13 -0.69 | 23.51 -2.83 -0.39 | 25.96 -3.10 -0.06 | 24.23 -2.88 -1.37 | 27.48 -2.83 -2.26 | 29.63 -3.10 -2.88 | 32.05 -3.72 -3.71 | 33.05 -3.49 -3.64 | 28.36 -2.68 -2.22 | 24.50 -2.42 -1.49 | 19.19 -1.36 -2.23 |
| SELKIRK___I 23801 | 28.88 0.57 -10.91 | 28.44 0.29 -18.73 | 26.73 0.34 -15.31 | 26.65 0.26 -18.21 | 27.65 0.25 -19.54 | 29.01 0.45 -14.38 | 35.99 0.53 -19.34 | 41.54 0.47 -24.82 | 32.18 0.51 -14.19 | 27.13 0.46 -9.09 | 26.39 0.46 -7.61 | 25.40 0.45 -6.31 | 26.87 0.47 -7.56 | 27.09 0.54 -4.83 | 29.31 0.60 -2.77 | 30.28 0.90 -0.38 | 36.23 0.80 -9.69 | 44.84 0.90 -15.89 | 51.18 1.02 -20.32 | 62.09 1.09 -28.95 | 58.97 1.15 -24.92 | 45.01 1.01 -15.18 | 36.84 0.91 -10.50 | 34.63 0.59 -15.72 |
| SELKIRK___II 23799 | 28.86 0.56 -10.91 | 28.61 0.29 -18.90 | 26.87 0.34 -15.46 | 26.81 0.25 -18.38 | 27.82 0.24 -19.73 | 29.00 0.44 -14.38 | 34.95 0.50 -18.33 | 41.50 0.49 -24.76 | 32.20 0.58 -14.14 | 27.32 0.56 -9.18 | 26.57 0.57 -7.69 | 25.59 0.58 -6.37 | 27.06 0.58 -7.63 | 27.24 0.65 -4.87 | 29.44 0.70 -2.79 | 30.34 0.96 -0.38 | 36.37 0.85 -9.78 | 45.02 0.92 -16.04 | 51.35 0.98 -20.51 | 62.31 1.03 -29.23 | 59.15 1.08 -25.16 | 45.10 0.95 -15.33 | 36.89 0.86 -10.60 | 34.70 0.51 -15.87 |
| SENECA OSWGO___HYD 24041 | 18.06 -0.17 -0.84 | 10.66 -0.12 -1.37 | 12.05 -0.13 -1.12 | 9.41 -0.09 -1.33 | 9.19 -0.09 -1.43 | 15.16 -0.13 -1.10 | 17.93 -0.10 -1.90 | 18.09 -0.10 -1.93 | 18.52 -0.10 -1.14 | 18.10 -0.16 -0.68 | 18.71 -0.18 -0.57 | 18.94 -0.17 -0.47 | 19.26 -0.15 -0.57 | 21.95 -0.13 -0.36 | 26.05 -0.10 -0.21 | 28.65 -0.38 -0.03 | 26.16 -0.31 -0.73 | 28.85 -0.39 -1.19 | 30.99 -0.39 -1.53 | 33.81 -0.42 -2.18 | 34.31 -0.46 -1.87 | 29.56 -0.40 -1.14 | 25.86 -0.36 -0.79 | 19.35 -0.15 -1.18 |
| SENECA___115KV_TB3 355854 | 17.57 -1.51 -1.68 | 11.45 -0.73 -2.75 | 12.46 -0.86 -2.25 | 10.24 -0.61 -2.68 | 10.16 -0.57 -2.87 | 15.25 -1.15 -2.22 | 18.58 -1.37 -3.82 | 18.58 -1.56 -3.88 | 17.93 -1.80 -2.24 | 17.46 -1.46 -1.34 | 17.83 -1.61 -1.12 | 17.89 -1.68 -0.93 | 18.32 -1.64 -1.11 | 20.32 -2.11 -0.71 | 23.58 -2.78 -0.41 | 26.02 -3.05 -0.06 | 24.33 -2.83 -1.43 | 27.62 -2.78 -2.34 | 29.80 -3.04 -2.99 | 32.28 -3.62 -3.85 | 33.25 -3.42 -3.77 | 28.50 -2.62 -2.30 | 24.58 -2.39 -1.55 | 19.31 -1.32 -2.31 |
| SENECA___ENERGY 23797 | 18.37 -0.35 -1.32 | 11.38 -0.20 -2.16 | 12.63 -0.21 -1.77 | 10.14 -0.14 -2.10 | 9.99 -0.13 -2.26 | 15.72 -0.21 -1.75 | 18.94 -0.19 -3.01 | 19.07 -0.24 -3.05 | 19.00 -0.30 -1.82 | 18.37 -0.30 -1.08 | 18.86 -0.37 -0.91 | 19.03 -0.35 -0.75 | 19.41 -0.34 -0.90 | 21.90 -0.52 -0.58 | 25.76 -0.67 -0.33 | 28.38 -0.62 -0.05 | 26.28 -0.62 -1.16 | 29.33 -0.62 -1.90 | 31.71 -0.57 -2.42 | 34.77 -0.61 -3.33 | 35.32 -0.56 -2.98 | 30.18 -0.46 -1.81 | 26.22 -0.46 -1.25 | 19.97 -0.22 -1.88 |
| SHOEMAKER___GT 23640 | 26.93 0.76 -8.77 | 24.09 0.43 -14.24 | 23.22 0.51 -11.64 | 22.40 0.38 -13.85 | 23.08 0.36 -14.86 | 26.40 0.65 -11.57 | 37.30 0.73 -20.45 | 37.24 0.73 -20.26 | 30.00 0.86 -11.66 | 25.37 0.90 -6.90 | 25.03 0.93 -5.78 | 24.37 0.95 -4.79 | 25.52 0.94 -5.74 | 26.46 1.09 -3.66 | 29.29 1.25 -2.10 | 30.86 1.57 -0.29 | 34.45 1.36 -7.35 | 41.57 1.46 -12.05 | 46.78 1.52 -15.41 | 55.70 1.70 -21.95 | 53.54 1.74 -18.90 | 41.86 1.53 -11.51 | 34.74 1.35 -7.96 | 31.07 0.83 -11.93 |
| SHOEMAKR_138KV_BK 111 55601 | 26.88 0.77 -8.72 | 24.00 0.43 -14.14 | 23.14 0.51 -11.57 | 22.31 0.38 -13.76 | 22.98 0.36 -14.76 | 26.32 0.65 -11.49 | 37.18 0.74 -20.31 | 37.13 0.75 -20.12 | 30.02 0.87 -11.66 | 25.39 0.91 -6.89 | 25.04 0.95 -5.77 | 24.39 0.97 -4.79 | 25.54 0.96 -5.73 | 26.49 1.11 -3.66 | 29.32 1.27 -2.10 | 30.89 1.60 -0.29 | 34.48 1.39 -7.35 | 41.59 1.49 -12.05 | 46.81 1.55 -15.41 | 55.55 1.70 -21.80 | 53.41 1.74 -18.77 | 41.78 1.53 -11.43 | 34.74 1.35 -7.96 | 31.07 0.82 -11.92 |
| SHOREHAM_IC_1 23715 | 28.46 1.43 -9.64 | 25.80 0.75 -15.62 | 24.83 0.98 -12.78 | 24.13 0.76 -15.19 | 24.86 0.70 -16.31 | 28.29 1.40 -12.70 | 40.14 1.48 -22.54 | 40.18 1.67 -22.25 | 31.73 1.45 -12.80 | 26.42 1.28 -7.56 | 26.14 1.50 -6.32 | 25.35 1.47 -5.25 | 26.03 0.90 -6.28 | 26.95 1.22 -4.02 | 29.70 1.45 -2.30 | 31.52 2.06 -0.46 | 35.55 1.75 -8.06 | 43.79 2.53 -13.21 | 49.79 3.05 -16.89 | 60.76 3.36 -25.35 | 60.70 3.42 -24.37 | 46.50 2.60 -15.08 | 36.49 2.34 -8.72 | 32.45 1.06 -13.07 |
| SHOREHAM_IC_2 23716 | 28.46 1.43 -9.64 | 25.80 0.75 -15.62 | 24.83 0.98 -12.78 | 24.13 0.76 -15.19 | 24.86 0.70 -16.31 | 28.29 1.40 -12.70 | 40.14 1.48 -22.54 | 40.18 1.67 -22.25 | 31.73 1.45 -12.80 | 26.42 1.28 -7.56 | 26.14 1.50 -6.32 | 25.35 1.47 -5.25 | 26.03 0.90 -6.28 | 26.95 1.22 -4.02 | 29.70 1.45 -2.30 | 31.52 2.06 -0.46 | 35.55 1.75 -8.06 | 43.79 2.53 -13.21 | 49.79 3.05 -16.89 | 60.76 3.36 -25.35 | 60.70 3.42 -24.37 | 46.50 2.60 -15.08 | 36.49 2.34 -8.72 | 32.45 1.06 -13.07 |
| SISSONVILLE___ 23735 | 16.94 -0.63 -0.17 | 9.35 -0.35 -0.28 | 10.88 -0.42 -0.23 | 8.10 -0.34 -0.27 | 7.81 -0.34 -0.29 | 13.83 -0.58 -0.23 | 15.69 -0.82 -0.39 | 15.90 -0.75 -0.40 | 16.80 -0.91 -0.23 | 16.68 -1.04 -0.14 | 17.37 -1.06 -0.11 | 17.63 -1.10 -0.09 | 17.83 -1.13 -0.11 | 20.49 -1.30 -0.07 | 29.48 -1.53 -5.06 | 32.91 -1.60 -5.50 | 29.55 -1.34 -5.15 | 27.00 -1.29 -0.24 | 33.34 -1.31 -4.80 | 37.24 -1.25 -6.44 | 38.09 -1.32 -6.51 | 33.16 -1.38 -5.71 | 29.22 -1.32 -5.11 | 21.44 -0.99 -4.11 |
| SITHE_IND_GS1 24169 | 17.61 -0.42 -0.63 | 10.21 -0.24 -1.04 | 11.64 -0.28 -0.85 | 8.99 -0.20 -1.01 | 8.75 -0.19 -1.08 | 14.68 -0.34 -0.84 | 17.21 -0.35 -1.44 | 17.36 -0.36 -1.46 | 17.95 -0.40 -0.87 | 17.67 -0.42 -0.52 | 18.31 -0.44 -0.43 | 18.55 -0.45 -0.36 | 18.82 -0.45 -0.43 | 21.49 -0.50 -0.27 | 25.53 -0.57 -0.16 | 28.10 -0.93 -0.02 | 25.47 -0.82 -0.55 | 28.03 -0.93 -0.90 | 30.02 -0.98 -1.16 | 32.64 -1.06 -1.65 | 33.20 -1.12 -1.42 | 28.74 -0.95 -0.86 | 25.21 -0.81 -0.60 | 18.79 -0.42 -0.89 |
| SITHE_IND_GS2 24170 | 17.61 -0.42 -0.63 | 10.21 -0.24 -1.04 | 11.64 -0.28 -0.85 | 8.99 -0.20 -1.01 | 8.75 -0.19 -1.08 | 14.68 -0.34 -0.84 | 17.21 -0.35 -1.44 | 17.36 -0.36 -1.46 | 17.95 -0.40 -0.87 | 17.67 -0.42 -0.52 | 18.31 -0.44 -0.43 | 18.55 -0.45 -0.36 | 18.82 -0.45 -0.43 | 21.49 -0.50 -0.27 | 25.53 -0.57 -0.16 | 28.10 -0.93 -0.02 | 25.47 -0.82 -0.55 | 28.03 -0.93 -0.90 | 30.02 -0.98 -1.16 | 32.64 -1.06 -1.65 | 33.20 -1.12 -1.42 | 28.74 -0.95 -0.86 | 25.21 -0.81 -0.60 | 18.79 -0.42 -0.89 |
| SITHE_IND_GS3 24171 | 17.61 -0.42 -0.63 | 10.21 -0.24 -1.04 | 11.64 -0.28 -0.85 | 8.99 -0.20 -1.01 | 8.75 -0.19 -1.08 | 14.68 -0.34 -0.84 | 17.21 -0.35 -1.44 | 17.36 -0.36 -1.46 | 17.95 -0.40 -0.87 | 17.67 -0.42 -0.52 | 18.31 -0.44 -0.43 | 18.55 -0.45 -0.36 | 18.82 -0.45 -0.43 | 21.49 -0.50 -0.27 | 25.53 -0.57 -0.16 | 28.10 -0.93 -0.02 | 25.47 -0.82 -0.55 | 28.03 -0.93 -0.90 | 30.02 -0.98 -1.16 | 32.64 -1.06 -1.65 | 33.20 -1.12 -1.42 | 28.74 -0.95 -0.86 | 25.21 -0.81 -0.60 | 18.79 -0.42 -0.89 |
| SITHE_IND_GS4 24172 | 17.61 -0.42 -0.63 | 10.21 -0.24 -1.04 | 11.64 -0.28 -0.85 | 8.99 -0.20 -1.01 | 8.75 -0.19 -1.08 | 14.68 -0.34 -0.84 | 17.21 -0.35 -1.44 | 17.36 -0.36 -1.46 | 17.95 -0.40 -0.87 | 17.67 -0.42 -0.52 | 18.31 -0.44 -0.43 | 18.55 -0.45 -0.36 | 18.82 -0.45 -0.43 | 21.49 -0.50 -0.27 | 25.53 -0.57 -0.16 | 28.10 -0.93 -0.02 | 25.47 -0.82 -0.55 | 28.03 -0.93 -0.90 | 30.02 -0.98 -1.16 | 32.64 -1.06 -1.65 | 33.20 -1.12 -1.42 | 28.74 -0.95 -0.86 | 25.21 -0.81 -0.60 | 18.79 -0.42 -0.89 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SITHE___BATAVIA 24024 | 17.80 -1.06 -1.47 | 11.32 -0.50 -2.40 | 12.44 -0.59 -1.96 | 10.10 -0.40 -2.33 | 10.00 -0.35 -2.50 | 15.39 -0.72 -1.93 | 18.52 -0.94 -3.33 | 18.50 -1.14 -3.38 | 18.20 -1.29 -2.01 | 17.71 -1.07 -1.20 | 18.09 -1.23 -1.00 | 18.24 -1.23 -0.83 | 18.60 -1.24 -1.00 | 20.77 -1.58 -0.64 | 24.11 -2.21 -0.37 | 26.76 -2.29 -0.05 | 24.86 -2.16 -1.28 | 27.99 -2.16 -2.10 | 30.41 -2.12 -2.68 | 32.89 -2.53 -3.37 | 33.95 -2.24 -3.29 | 29.07 -1.76 -2.00 | 25.23 -1.58 -1.38 | 19.57 -0.82 -2.07 |
| SITHE___INDEPEND 23800 | 17.61 -0.42 -0.63 | 10.21 -0.24 -1.04 | 11.64 -0.28 -0.85 | 8.99 -0.20 -1.01 | 8.75 -0.19 -1.08 | 14.68 -0.34 -0.84 | 17.21 -0.35 -1.44 | 17.36 -0.36 -1.46 | 17.93 -0.40 -0.85 | 17.66 -0.42 -0.50 | 18.30 -0.44 -0.42 | 18.54 -0.45 -0.35 | 18.81 -0.45 -0.42 | 21.48 -0.50 -0.27 | 25.53 -0.57 -0.15 | 28.13 -0.90 -0.02 | 25.45 -0.82 -0.54 | 27.98 -0.95 -0.88 | 29.99 -0.99 -1.13 | 32.64 -1.06 -1.65 | 33.20 -1.12 -1.42 | 28.71 -0.98 -0.86 | 25.20 -0.81 -0.58 | 18.77 -0.42 -0.87 |
| SITHE___MASSENA 23902 | 17.12 -0.28 0.00 | 9.27 -0.15 0.00 | 10.88 -0.19 0.00 | 8.01 -0.16 0.00 | 7.68 -0.17 0.00 | 13.87 -0.31 0.00 | 15.71 -0.42 0.00 | 15.91 -0.34 0.00 | 17.03 -0.45 0.00 | 17.07 -0.51 0.00 | 17.82 -0.49 0.00 | 18.11 -0.52 0.00 | 18.32 -0.53 0.00 | 21.09 -0.63 0.00 | 26.26 -0.78 -1.09 | 29.42 -0.78 -1.20 | 26.19 -0.64 -1.09 | 27.46 -0.59 0.00 | 30.23 -0.60 -0.98 | 32.81 -0.55 -1.31 | 33.68 -0.56 -1.34 | 29.36 -0.66 -1.20 | 25.87 -0.63 -1.08 | 18.67 -0.49 -0.85 |
| SITHE___OGDNSBRG 24021 | 17.17 -0.23 0.00 | 9.30 -0.12 0.00 | 10.91 -0.15 0.00 | 8.03 -0.15 0.00 | 7.70 -0.15 0.00 | 13.94 -0.24 0.00 | 15.75 -0.37 0.00 | 15.95 -0.31 0.00 | 16.99 -0.49 0.00 | 16.93 -0.65 0.00 | 17.66 -0.66 0.00 | 17.95 -0.69 0.00 | 18.11 -0.73 0.00 | 20.87 -0.85 0.00 | 28.46 -0.99 -3.50 | 31.87 -0.96 -3.82 | 28.50 -0.72 -3.48 | 27.46 -0.59 0.00 | 32.50 -0.48 -3.13 | 35.90 -0.32 -4.17 | 36.80 -0.36 -4.26 | 32.09 -0.55 -3.82 | 28.27 -0.61 -3.45 | 20.54 -0.48 -2.70 |
| SITHE___STERLING 23777 | 18.36 0.35 -0.62 | 10.60 0.17 -1.01 | 12.09 0.20 -0.83 | 9.31 0.15 -0.98 | 9.07 0.17 -1.06 | 15.32 0.33 -0.82 | 17.95 0.42 -1.40 | 18.09 0.41 -1.43 | 18.68 0.35 -0.85 | 18.32 0.23 -0.51 | 18.96 0.22 -0.43 | 19.21 0.22 -0.35 | 19.47 0.21 -0.42 | 22.29 0.30 -0.27 | 26.62 0.52 -0.15 | 29.57 0.55 -0.02 | 26.87 0.59 -0.54 | 29.59 0.65 -0.89 | 31.79 0.81 -1.14 | 34.68 0.93 -1.70 | 35.14 0.85 -1.39 | 30.39 0.72 -0.85 | 26.57 0.56 -0.59 | 19.60 0.40 -0.88 |
| SLEIGHT__34_KV_TB1 80719 | 18.03 -0.63 -1.26 | 11.16 -0.32 -2.06 | 12.38 -0.38 -1.69 | 9.93 -0.25 -2.00 | 9.79 -0.22 -2.15 | 15.42 -0.43 -1.66 | 18.49 -0.50 -2.87 | 18.56 -0.60 -2.91 | 18.46 -0.70 -1.68 | 18.02 -0.56 -1.00 | 18.51 -0.64 -0.84 | 18.72 -0.61 -0.70 | 19.07 -0.60 -0.83 | 21.49 -0.76 -0.53 | 25.19 -1.06 -0.30 | 27.94 -1.10 -0.04 | 25.75 -1.06 -1.07 | 28.82 -0.98 -1.75 | 31.04 -1.04 -2.24 | 33.82 -1.28 -3.05 | 34.65 -1.09 -2.83 | 29.71 -0.84 -1.73 | 25.74 -0.84 -1.16 | 19.57 -0.48 -1.73 |
| SOUTH CAIRO___GT 23612 | 28.76 0.89 -10.47 | 27.92 0.37 -18.14 | 26.33 0.43 -14.83 | 26.14 0.33 -17.64 | 27.10 0.31 -18.93 | 28.66 0.68 -13.80 | 34.65 0.94 -17.59 | 40.88 0.86 -23.76 | 31.97 0.89 -13.60 | 26.83 0.42 -8.82 | 26.09 0.38 -7.39 | 25.12 0.35 -6.13 | 26.56 0.38 -7.34 | 26.86 0.46 -4.68 | 29.07 0.44 -2.69 | 30.47 1.10 -0.37 | 35.89 0.75 -9.40 | 44.49 1.01 -15.42 | 50.82 1.25 -19.72 | 61.50 1.44 -28.01 | 58.60 1.58 -24.11 | 44.90 1.38 -14.69 | 36.79 1.17 -10.19 | 34.29 0.71 -15.26 |
| SOUTH HAMPTN___IC 23720 | 28.49 1.46 -9.64 | 25.82 0.78 -15.62 | 24.85 1.01 -12.78 | 24.15 0.78 -15.19 | 24.89 0.73 -16.31 | 28.35 1.46 -12.70 | 40.22 1.56 -22.54 | 40.28 1.77 -22.25 | 31.87 1.59 -12.80 | 26.56 1.42 -7.56 | 26.25 1.61 -6.32 | 25.46 1.58 -5.25 | 26.16 1.04 -6.28 | 27.06 1.32 -4.01 | 29.78 1.53 -2.30 | 31.60 2.15 -0.45 | 35.63 1.83 -8.06 | 43.82 2.55 -13.21 | 49.79 3.05 -16.89 | 60.71 3.33 -25.33 | 60.65 3.42 -24.32 | 46.50 2.62 -15.05 | 36.49 2.34 -8.72 | 32.50 1.12 -13.07 |
| SOUTHDOW_115KV_TB1 355954 | 18.06 -1.15 -1.81 | 11.85 -0.53 -2.95 | 12.87 -0.62 -2.42 | 10.61 -0.43 -2.87 | 10.55 -0.38 -3.08 | 15.77 -0.79 -2.39 | 19.36 -0.87 -4.11 | 19.37 -1.06 -4.17 | 18.56 -1.33 -2.41 | 17.98 -1.04 -1.44 | 18.37 -1.15 -1.20 | 18.44 -1.19 -1.00 | 18.91 -1.13 -1.20 | 20.94 -1.54 -0.76 | 24.36 -2.02 -0.44 | 26.86 -2.20 -0.06 | 25.13 -2.14 -1.53 | 28.52 -2.05 -2.51 | 30.76 -2.30 -3.21 | 33.38 -2.79 -4.11 | 34.19 -2.76 -4.05 | 29.16 -2.13 -2.47 | 25.00 -2.08 -1.66 | 19.70 -1.10 -2.49 |
| SOUTHOLD_69_KV_BK 2 55809 | 28.48 1.44 -9.64 | 25.82 0.77 -15.62 | 24.86 1.02 -12.78 | 24.17 0.80 -15.19 | 24.91 0.75 -16.31 | 28.39 1.50 -12.70 | 40.29 1.63 -22.54 | 40.39 1.89 -22.25 | 32.07 1.73 -12.85 | 26.63 1.46 -7.59 | 26.36 1.69 -6.35 | 25.53 1.62 -5.27 | 26.19 1.04 -6.31 | 26.97 1.22 -4.03 | 29.61 1.35 -2.31 | 31.46 2.00 -0.46 | 35.46 1.62 -8.10 | 43.77 2.44 -13.27 | 49.68 2.87 -16.97 | 60.58 3.21 -25.33 | 60.48 3.26 -24.32 | 46.35 2.48 -15.05 | 36.40 2.21 -8.76 | 32.51 1.06 -13.13 |
| SOUTHOLD___IC 23719 | 28.47 1.44 -9.64 | 25.82 0.77 -15.62 | 24.86 1.02 -12.78 | 24.17 0.80 -15.19 | 24.90 0.74 -16.31 | 28.39 1.50 -12.70 | 40.31 1.65 -22.54 | 40.39 1.88 -22.25 | 31.99 1.71 -12.80 | 26.68 1.55 -7.56 | 26.33 1.68 -6.32 | 25.50 1.62 -5.25 | 26.16 1.04 -6.28 | 27.01 1.28 -4.02 | 29.68 1.43 -2.30 | 31.46 2.00 -0.45 | 35.45 1.65 -8.06 | 43.65 2.38 -13.21 | 49.61 2.87 -16.89 | 60.58 3.20 -25.33 | 60.48 3.26 -24.32 | 46.35 2.48 -15.05 | 36.31 2.16 -8.72 | 32.45 1.06 -13.07 |
| SOUTH_FORK_WT_PWR 323839 | 28.30 1.27 -9.64 | 25.74 0.70 -15.62 | 24.78 0.93 -12.78 | 24.11 0.74 -15.19 | 24.85 0.69 -16.31 | 28.30 1.42 -12.70 | 40.22 1.56 -22.54 | 40.33 1.82 -22.25 | 31.94 1.66 -12.80 | 26.61 1.48 -7.56 | 26.23 1.59 -6.32 | 25.39 1.51 -5.25 | 26.01 0.89 -6.28 | 26.79 1.06 -4.02 | 29.39 1.14 -2.30 | 31.08 1.62 -0.45 | 35.09 1.29 -8.06 | 43.26 1.99 -13.21 | 49.19 2.45 -16.89 | 60.14 2.76 -25.33 | 60.02 2.80 -24.32 | 45.95 2.08 -15.05 | 35.95 1.81 -8.72 | 32.25 0.86 -13.07 |
| SPIERFLS_115KV_TB 1 80737 | 31.19 1.01 -12.78 | 29.50 0.54 -19.54 | 27.67 0.62 -15.98 | 27.64 0.47 -19.00 | 28.72 0.47 -20.40 | 31.88 0.84 -16.86 | 54.15 1.05 -36.98 | 47.16 0.96 -29.95 | 35.90 0.94 -17.47 | 27.95 0.86 -9.51 | 27.17 0.90 -7.96 | 26.17 0.93 -6.60 | 27.75 1.00 -7.91 | 27.94 1.17 -5.05 | 30.24 1.40 -2.89 | 31.23 1.83 -0.40 | 37.00 1.13 -10.13 | 45.96 1.29 -16.61 | 52.62 1.52 -21.25 | 63.92 1.63 -30.24 | 60.64 1.71 -26.03 | 46.09 1.41 -15.85 | 37.60 1.20 -10.98 | 35.53 0.77 -16.44 |
| ST LAWRENCE____ 23600 | 17.00 -0.40 0.00 | 9.20 -0.22 0.00 | 10.80 -0.27 0.00 | 7.95 -0.22 0.00 | 7.63 -0.23 0.00 | 13.77 -0.41 0.00 | 15.62 -0.50 0.00 | 15.80 -0.46 0.00 | 16.94 -0.54 0.00 | 17.02 -0.56 0.00 | 17.77 -0.55 0.00 | 18.06 -0.58 0.00 | 18.24 -0.60 0.00 | 21.00 -0.72 0.00 | 25.09 -0.86 0.00 | 28.10 -0.90 0.00 | 24.97 -0.77 0.00 | 27.30 -0.76 0.00 | 29.05 -0.80 0.00 | 31.25 -0.80 0.00 | 32.05 -0.86 0.00 | 27.99 -0.84 0.00 | 24.64 -0.79 0.00 | 17.73 -0.59 0.00 |
| STATE_CA_115KV_115_LB 55624 | 30.34 0.68 -12.27 | 28.89 0.36 -19.12 | 27.11 0.41 -15.63 | 27.07 0.31 -18.59 | 28.10 0.30 -19.95 | 30.90 0.54 -16.18 | 50.08 0.61 -33.35 | 45.47 0.60 -28.61 | 34.81 0.68 -16.65 | 27.56 0.69 -9.30 | 26.80 0.70 -7.79 | 25.80 0.71 -6.46 | 27.31 0.73 -7.73 | 27.48 0.83 -4.94 | 29.61 0.83 -2.83 | 30.49 1.10 -0.39 | 36.63 0.98 -9.91 | 45.34 1.04 -16.25 | 51.74 1.10 -20.78 | 62.78 1.15 -29.58 | 59.58 1.22 -25.46 | 45.40 1.07 -15.51 | 37.10 0.94 -10.74 | 34.99 0.59 -16.08 |

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| STATE_ST_34_KV_LOAD 55959 | 18.61 -0.09 -1.30 | 11.48 -0.07 -2.13 | 12.74 -0.07 -1.74 | 10.20 -0.04 -2.07 | 10.04 -0.03 -2.22 | 15.87 -0.03 -1.72 | 19.11 0.03 -2.95 | 19.27 0.02 -3.00 | 19.20 -0.02 -1.73 | 18.56 -0.05 -1.03 | 19.09 -0.09 -0.86 | 19.28 -0.07 -0.72 | 19.66 -0.04 -0.86 | 22.24 -0.02 -0.55 | 26.26 0.00 -0.31 | 28.90 -0.15 -0.04 | 26.68 -0.15 -1.10 | 29.72 -0.14 -1.80 | 32.10 -0.06 -2.31 | 35.50 -0.06 -3.52 | 35.77 -0.07 -2.93 | 30.55 -0.06 -1.78 | 26.52 -0.10 -1.19 | 20.08 -0.02 -1.78 |
| STATION 5_MISC_HYD 23604 | 17.92 -0.78 -1.30 | 11.17 -0.38 -2.13 | 12.36 -0.44 -1.74 | 9.94 -0.30 -2.07 | 9.81 -0.26 -2.22 | 15.36 -0.54 -1.72 | 18.39 -0.69 -2.96 | 18.41 -0.85 -3.00 | 18.34 -0.93 -1.78 | 17.91 -0.74 -1.06 | 18.37 -0.84 -0.89 | 18.55 -0.82 -0.74 | 18.90 -0.83 -0.88 | 21.22 -1.06 -0.56 | 24.72 -1.56 -0.32 | 27.45 -1.60 -0.04 | 25.33 -1.54 -1.13 | 28.37 -1.54 -1.86 | 30.67 -1.55 -2.38 | 33.17 -1.89 -3.01 | 34.21 -1.61 -2.92 | 29.33 -1.27 -1.78 | 25.51 -1.14 -1.23 | 19.57 -0.59 -1.84 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 18.12 -0.59 -1.31 | 11.26 -0.30 -2.14 | 12.48 -0.34 -1.75 | 10.03 -0.23 -2.08 | 9.89 -0.20 -2.23 | 15.53 -0.38 -1.73 | 18.63 -0.47 -2.98 | 18.69 -0.59 -3.02 | 18.53 -0.70 -1.74 | 18.06 -0.56 -1.04 | 18.55 -0.64 -0.87 | 18.74 -0.61 -0.72 | 19.09 -0.62 -0.87 | 21.49 -0.78 -0.55 | 25.15 -1.12 -0.32 | 27.92 -1.13 -0.04 | 25.79 -1.06 -1.11 | 28.92 -0.95 -1.82 | 31.16 -1.01 -2.33 | 33.83 -1.25 -3.03 | 34.79 -1.05 -2.94 | 29.84 -0.78 -1.79 | 25.84 -0.79 -1.20 | 19.70 -0.42 -1.80 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 17.85 -0.84 -1.29 | 11.11 -0.41 -2.11 | 12.31 -0.49 -1.73 | 9.89 -0.34 -2.05 | 9.77 -0.29 -2.20 | 15.30 -0.58 -1.70 | 18.32 -0.74 -2.93 | 18.34 -0.89 -2.98 | 18.17 -1.03 -1.72 | 17.81 -0.79 -1.03 | 18.28 -0.90 -0.86 | 18.47 -0.88 -0.71 | 18.83 -0.87 -0.85 | 21.15 -1.11 -0.54 | 24.68 -1.58 -0.31 | 27.42 -1.62 -0.04 | 25.29 -1.54 -1.09 | 28.39 -1.46 -1.79 | 30.59 -1.55 -2.29 | 33.12 -1.92 -2.99 | 34.15 -1.65 -2.90 | 29.35 -1.24 -1.76 | 25.42 -1.20 -1.18 | 19.43 -0.66 -1.77 |
| STA_56___34_KV_BUS2 355983 | 17.85 -0.84 -1.29 | 11.11 -0.41 -2.11 | 12.31 -0.49 -1.73 | 9.89 -0.34 -2.05 | 9.77 -0.29 -2.20 | 15.30 -0.58 -1.70 | 18.32 -0.74 -2.93 | 18.34 -0.89 -2.98 | 18.17 -1.03 -1.72 | 17.81 -0.79 -1.03 | 18.28 -0.90 -0.86 | 18.47 -0.88 -0.71 | 18.83 -0.87 -0.85 | 21.15 -1.11 -0.54 | 24.68 -1.58 -0.31 | 27.42 -1.62 -0.04 | 25.29 -1.54 -1.09 | 28.39 -1.46 -1.79 | 30.59 -1.55 -2.29 | 33.12 -1.92 -2.99 | 34.15 -1.65 -2.90 | 29.35 -1.24 -1.76 | 25.42 -1.20 -1.18 | 19.43 -0.66 -1.77 |
| STA_67___115KV_BK2 355882 | 17.88 -0.82 -1.30 | 11.15 -0.40 -2.12 | 12.34 -0.46 -1.74 | 9.92 -0.32 -2.07 | 9.80 -0.27 -2.22 | 15.33 -0.57 -1.72 | 18.35 -0.73 -2.95 | 18.38 -0.88 -3.00 | 18.20 -1.01 -1.73 | 17.84 -0.77 -1.03 | 18.30 -0.88 -0.87 | 18.50 -0.86 -0.72 | 18.83 -0.87 -0.86 | 21.16 -1.11 -0.55 | 24.65 -1.61 -0.31 | 27.39 -1.65 -0.04 | 25.27 -1.57 -1.10 | 28.40 -1.46 -1.81 | 30.58 -1.58 -2.31 | 33.10 -1.96 -3.01 | 34.14 -1.68 -2.92 | 29.36 -1.24 -1.78 | 25.45 -1.17 -1.19 | 19.46 -0.64 -1.79 |
| STA_7___115KV_9TRANS 80674 | 18.00 -0.70 -1.30 | 11.21 -0.34 -2.13 | 12.40 -0.41 -1.74 | 9.97 -0.27 -2.07 | 9.84 -0.23 -2.22 | 15.42 -0.48 -1.72 | 18.45 -0.63 -2.96 | 18.48 -0.78 -3.00 | 18.31 -0.91 -1.73 | 17.95 -0.67 -1.03 | 18.41 -0.77 -0.87 | 18.61 -0.75 -0.72 | 18.97 -0.73 -0.86 | 21.31 -0.96 -0.55 | 24.83 -1.43 -0.31 | 27.63 -1.42 -0.04 | 25.48 -1.36 -1.10 | 28.63 -1.23 -1.81 | 30.85 -1.31 -2.31 | 33.39 -1.67 -3.01 | 34.44 -1.38 -2.92 | 29.59 -1.01 -1.78 | 25.63 -0.99 -1.19 | 19.59 -0.51 -1.79 |
| STA_82___115KV_TB1 80780 | 17.90 -0.80 -1.31 | 11.16 -0.40 -2.13 | 12.35 -0.46 -1.74 | 9.94 -0.31 -2.08 | 9.81 -0.27 -2.23 | 15.34 -0.57 -1.72 | 18.36 -0.73 -2.97 | 18.39 -0.88 -3.01 | 18.21 -1.01 -1.74 | 17.84 -0.77 -1.04 | 18.31 -0.88 -0.87 | 18.50 -0.86 -0.72 | 18.84 -0.87 -0.86 | 21.16 -1.11 -0.55 | 24.65 -1.61 -0.32 | 27.39 -1.65 -0.04 | 25.30 -1.54 -1.11 | 28.41 -1.46 -1.81 | 30.62 -1.55 -2.32 | 33.15 -1.92 -3.02 | 34.18 -1.65 -2.93 | 29.40 -1.21 -1.78 | 25.45 -1.17 -1.20 | 19.49 -0.62 -1.79 |
| STEEL___WIND 323596 | 17.55 -1.53 -1.68 | 11.43 -0.74 -2.75 | 12.43 -0.89 -2.25 | 10.23 -0.62 -2.68 | 10.15 -0.57 -2.87 | 15.23 -1.18 -2.22 | 18.55 -1.40 -3.82 | 18.56 -1.58 -3.88 | 18.01 -1.78 -2.31 | 17.48 -1.48 -1.38 | 17.82 -1.65 -1.15 | 17.90 -1.70 -0.96 | 18.31 -1.68 -1.14 | 20.30 -2.15 -0.73 | 23.54 -2.83 -0.42 | 25.99 -3.08 -0.06 | 24.27 -2.93 -1.47 | 27.46 -3.00 -2.41 | 29.79 -3.13 -3.08 | 32.18 -3.72 -3.85 | 33.19 -3.49 -3.77 | 28.36 -2.77 -2.30 | 24.55 -2.47 -1.59 | 19.36 -1.34 -2.38 |
| STEPHTWN_115KV_BK_2 55603 | 28.49 0.75 -10.35 | 28.76 0.40 -18.94 | 27.01 0.45 -15.49 | 26.94 0.34 -18.42 | 27.96 0.34 -19.77 | 28.42 0.61 -13.63 | 28.12 0.71 -11.29 | 40.05 0.68 -23.11 | 31.33 0.75 -13.09 | 27.53 0.74 -9.21 | 26.77 0.73 -7.72 | 25.78 0.75 -6.40 | 27.28 0.77 -7.66 | 27.50 0.89 -4.89 | 29.66 0.91 -2.80 | 30.61 1.22 -0.38 | 36.67 1.11 -9.82 | 45.36 1.21 -16.10 | 51.76 1.31 -20.59 | 62.74 1.38 -29.31 | 59.58 1.45 -25.23 | 45.43 1.24 -15.37 | 37.16 1.09 -10.64 | 34.93 0.68 -15.94 |
| STEUBEN_REC_LFGE 323667 | 18.32 -1.25 -2.18 | 12.29 -0.69 -3.56 | 13.18 -0.80 -2.91 | 11.08 -0.56 -3.46 | 11.05 -0.52 -3.72 | 16.13 -0.92 -2.87 | 20.07 -1.00 -4.95 | 20.11 -1.17 -5.02 | 18.95 -1.43 -2.90 | 17.92 -1.39 -1.73 | 18.21 -1.56 -1.45 | 18.24 -1.60 -1.20 | 18.68 -1.60 -1.44 | 20.72 -1.91 -0.92 | 24.06 -2.41 -0.53 | 26.38 -2.70 -0.07 | 25.14 -2.45 -1.85 | 28.67 -2.41 -3.03 | 31.27 -2.45 -3.87 | 33.65 -2.69 -4.29 | 35.30 -2.50 -4.90 | 29.79 -2.02 -2.98 | 25.52 -1.91 -2.00 | 20.47 -0.84 -3.00 |
| STILLWATER___SOLAR 323814 | 31.17 0.99 -12.78 | 29.41 0.53 -19.46 | 27.60 0.62 -15.91 | 27.56 0.47 -18.92 | 28.62 0.46 -20.31 | 31.86 0.82 -16.86 | 54.55 0.98 -37.45 | 47.14 0.91 -29.97 | 35.90 0.94 -17.47 | 27.91 0.88 -9.45 | 27.11 0.88 -7.92 | 26.10 0.89 -6.57 | 27.65 0.94 -7.86 | 27.82 1.09 -5.02 | 30.07 1.25 -2.88 | 31.05 1.65 -0.39 | 37.18 1.36 -10.07 | 46.15 1.57 -16.52 | 52.77 1.79 -21.13 | 64.09 1.92 -30.11 | 60.83 2.01 -25.92 | 46.34 1.73 -15.79 | 37.82 1.47 -10.92 | 35.62 0.95 -16.35 |
| STONY___BROOK 24151 | 28.56 1.53 -9.64 | 25.85 0.81 -15.62 | 24.84 1.00 -12.78 | 24.13 0.76 -15.19 | 24.87 0.71 -16.31 | 28.28 1.39 -12.70 | 40.13 1.47 -22.54 | 40.16 1.66 -22.25 | 31.89 1.61 -12.80 | 26.63 1.49 -7.56 | 26.36 1.72 -6.32 | 25.58 1.70 -5.25 | 26.44 1.32 -6.28 | 27.43 1.69 -4.02 | 30.28 2.03 -2.30 | 32.16 2.70 -0.46 | 36.12 2.32 -8.06 | 44.02 2.75 -13.21 | 49.85 3.10 -16.89 | 60.83 3.40 -25.38 | 60.86 3.49 -24.48 | 46.80 2.83 -15.15 | 36.67 2.52 -8.72 | 32.72 1.34 -13.07 |
| STURGEON_POOL_HYD 23609 | 27.97 0.89 -9.69 | 25.84 0.45 -15.97 | 24.66 0.53 -13.06 | 24.10 0.39 -15.53 | 24.90 0.38 -16.67 | 27.66 0.71 -12.77 | 38.07 0.87 -21.08 | 39.42 0.89 -22.27 | 31.40 1.07 -12.85 | 26.32 0.97 -7.77 | 25.87 1.04 -6.51 | 25.09 1.06 -5.40 | 26.34 1.04 -6.46 | 27.06 1.22 -4.13 | 29.71 1.40 -2.37 | 31.24 1.91 -0.32 | 35.59 1.57 -8.28 | 43.32 1.68 -13.58 | 48.98 1.76 -17.37 | 58.51 1.92 -24.54 | 56.00 1.97 -21.12 | 43.42 1.73 -12.86 | 35.93 1.53 -8.97 | 32.64 0.88 -13.44 |
| ST_LAW_115_BK7_LBMP 345037 | 16.98 -0.42 0.00 | 9.19 -0.23 0.00 | 10.79 -0.28 0.00 | 7.95 -0.23 0.00 | 7.62 -0.24 0.00 | 13.76 -0.43 0.00 | 15.59 -0.53 0.00 | 15.78 -0.47 0.00 | 16.91 -0.58 0.00 | 16.98 -0.60 0.00 | 17.73 -0.59 0.00 | 18.02 -0.61 0.00 | 18.22 -0.62 0.00 | 20.98 -0.74 0.00 | 25.04 -0.91 0.00 | 28.05 -0.96 0.00 | 24.94 -0.80 0.00 | 27.27 -0.79 0.00 | 29.01 -0.84 0.00 | 31.22 -0.83 0.00 | 32.01 -0.89 0.00 | 27.93 -0.89 0.00 | 24.61 -0.81 0.00 | 17.69 -0.62 0.00 |

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| ST_LAW_115_BK8_LBMP 345038 | 16.98 -0.42 0.00 | 9.19 -0.23 0.00 | 10.79 -0.28 0.00 | 7.95 -0.23 0.00 | 7.62 -0.24 0.00 | 13.76 -0.43 0.00 | 15.59 -0.53 0.00 | 15.78 -0.47 0.00 | 16.91 -0.58 0.00 | 16.98 -0.60 0.00 | 17.73 -0.59 0.00 | 18.02 -0.61 0.00 | 18.22 -0.62 0.00 | 20.98 -0.74 0.00 | 25.04 -0.91 0.00 | 28.05 -0.96 0.00 | 24.94 -0.80 0.00 | 27.27 -0.79 0.00 | 29.01 -0.84 0.00 | 31.22 -0.83 0.00 | 32.01 -0.89 0.00 | 27.93 -0.89 0.00 | 24.61 -0.81 0.00 | 17.69 -0.62 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 17.00 -0.40 0.00 | 9.20 -0.22 0.00 | 10.80 -0.27 0.00 | 7.95 -0.22 0.00 | 7.63 -0.23 0.00 | 13.77 -0.41 0.00 | 15.62 -0.50 0.00 | 15.80 -0.46 0.00 | 16.94 -0.54 0.00 | 17.02 -0.56 0.00 | 17.77 -0.55 0.00 | 18.06 -0.58 0.00 | 18.24 -0.60 0.00 | 21.00 -0.72 0.00 | 25.09 -0.86 0.00 | 28.10 -0.90 0.00 | 24.97 -0.77 0.00 | 27.30 -0.76 0.00 | 29.05 -0.80 0.00 | 31.25 -0.80 0.00 | 32.05 -0.86 0.00 | 27.99 -0.84 0.00 | 24.64 -0.79 0.00 | 17.73 -0.59 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 17.00 -0.40 0.00 | 9.20 -0.22 0.00 | 10.80 -0.27 0.00 | 7.95 -0.22 0.00 | 7.63 -0.23 0.00 | 13.77 -0.41 0.00 | 15.62 -0.50 0.00 | 15.80 -0.46 0.00 | 16.94 -0.54 0.00 | 17.02 -0.56 0.00 | 17.77 -0.55 0.00 | 18.06 -0.58 0.00 | 18.24 -0.60 0.00 | 21.00 -0.72 0.00 | 25.09 -0.86 0.00 | 28.10 -0.90 0.00 | 24.97 -0.77 0.00 | 27.30 -0.76 0.00 | 29.05 -0.80 0.00 | 31.25 -0.80 0.00 | 32.05 -0.86 0.00 | 27.99 -0.84 0.00 | 24.64 -0.79 0.00 | 17.73 -0.59 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 27.23 0.87 -8.97 | 24.46 0.49 -14.55 | 23.54 0.58 -11.90 | 22.76 0.43 -14.15 | 23.45 0.42 -15.19 | 26.75 0.75 -11.82 | 37.87 0.84 -20.91 | 37.82 0.86 -20.70 | 30.48 1.00 -12.00 | 25.73 1.05 -7.09 | 25.37 1.12 -5.94 | 24.70 1.14 -4.93 | 25.87 1.13 -5.90 | 26.79 1.30 -3.77 | 29.59 1.48 -2.16 | 31.16 1.86 -0.30 | 34.89 1.60 -7.56 | 42.14 1.68 -12.40 | 47.44 1.73 -15.85 | 56.42 1.92 -22.44 | 54.20 1.97 -19.32 | 42.29 1.70 -11.77 | 35.12 1.50 -8.19 | 31.50 0.92 -12.27 |
| SWANROAD_115KV_TB1 355699 | 17.13 -1.83 -1.56 | 11.10 -0.88 -2.55 | 12.12 -1.04 -2.09 | 9.92 -0.74 -2.48 | 9.84 -0.68 -2.67 | 14.85 -1.39 -2.06 | 17.98 -1.69 -3.55 | 17.97 -1.89 -3.60 | 17.42 -2.15 -2.08 | 17.08 -1.74 -1.24 | 17.43 -1.92 -1.04 | 17.52 -1.98 -0.86 | 17.92 -1.96 -1.03 | 19.88 -2.50 -0.66 | 23.06 -3.27 -0.38 | 25.46 -3.60 -0.05 | 23.74 -3.32 -1.32 | 26.86 -3.37 -2.17 | 28.98 -3.64 -2.78 | 31.31 -4.33 -3.58 | 32.32 -4.08 -3.50 | 27.79 -3.17 -2.13 | 24.01 -2.85 -1.43 | 18.80 -1.67 -2.15 |
| SYNERGY___BIOGAS 323694 | 17.80 -1.06 -1.47 | 11.32 -0.50 -2.40 | 12.44 -0.59 -1.96 | 10.10 -0.40 -2.33 | 10.00 -0.35 -2.50 | 15.39 -0.72 -1.93 | 18.52 -0.94 -3.33 | 18.50 -1.14 -3.38 | 18.07 -1.36 -1.95 | 17.67 -1.07 -1.17 | 18.07 -1.23 -0.98 | 18.21 -1.23 -0.81 | 18.57 -1.24 -0.97 | 20.75 -2.18 -0.62 | 24.12 -2.29 -0.36 | 26.76 -2.29 -0.05 | 24.87 -2.11 -1.24 | 28.13 -1.96 -2.04 | 30.37 -2.09 -2.60 | 32.92 -2.50 -3.37 | 33.98 -2.20 -3.29 | 29.16 -1.67 -2.00 | 25.22 -1.55 -1.35 | 19.51 -0.82 -2.02 |
| SYRACUSE___ENERGY_ST1 323597 | 18.38 -0.07 -1.05 | 11.08 -0.06 -1.72 | 12.42 -0.06 -1.41 | 9.82 -0.03 -1.67 | 9.62 -0.03 -1.80 | 15.54 -0.03 -1.39 | 18.53 0.02 -2.39 | 18.67 -0.02 -2.43 | 18.86 -0.02 -1.39 | 18.34 -0.07 -0.83 | 18.92 -0.09 -0.70 | 19.14 -0.07 -0.58 | 19.48 -0.06 -0.69 | 22.14 -0.02 -0.44 | 26.23 0.03 -0.25 | 28.84 -0.20 -0.03 | 26.45 -0.18 -0.89 | 29.34 -0.17 -1.45 | 31.56 -0.15 -1.86 | 34.64 -0.16 -2.75 | 35.07 -0.20 -2.36 | 30.09 -0.17 -1.44 | 26.23 -0.15 -0.96 | 19.72 -0.04 -1.44 |
| SYRACUSE___ENERGY_ST2 323598 | 18.38 -0.07 -1.05 | 11.08 -0.06 -1.72 | 12.42 -0.06 -1.41 | 9.82 -0.03 -1.67 | 9.62 -0.03 -1.80 | 15.54 -0.03 -1.39 | 18.53 0.02 -2.39 | 18.67 -0.02 -2.43 | 18.86 -0.02 -1.39 | 18.34 -0.07 -0.83 | 18.92 -0.09 -0.70 | 19.14 -0.07 -0.58 | 19.48 -0.06 -0.69 | 22.14 -0.02 -0.44 | 26.23 0.03 -0.25 | 28.84 -0.20 -0.03 | 26.45 -0.18 -0.89 | 29.34 -0.17 -1.45 | 31.56 -0.15 -1.86 | 34.64 -0.16 -2.75 | 35.07 -0.20 -2.36 | 30.09 -0.17 -1.44 | 26.23 -0.15 -0.96 | 19.72 -0.04 -1.44 |
| SYRACUSE___POWER 24017 | 18.44 -0.05 -1.09 | 11.15 -0.06 -1.78 | 12.47 -0.06 -1.46 | 9.88 -0.03 -1.74 | 9.69 -0.03 -1.86 | 15.59 -0.03 -1.44 | 18.64 0.03 -2.48 | 18.77 0.00 -2.52 | 18.95 -0.02 -1.48 | 18.41 -0.05 -0.88 | 18.98 -0.07 -0.74 | 19.17 -0.07 -0.61 | 19.52 -0.06 -0.73 | 22.16 -0.02 -0.47 | 26.24 0.03 -0.27 | 28.87 -0.17 -0.04 | 26.53 -0.15 -0.94 | 29.46 -0.14 -1.54 | 31.70 -0.12 -1.97 | 34.95 -0.10 -3.00 | 35.19 -0.16 -2.45 | 30.17 -0.14 -1.49 | 26.32 -0.13 -1.02 | 19.82 -0.02 -1.53 |
| TALLMAN___138KV_BK151 55660 | 27.64 1.03 -9.22 | 24.95 0.57 -14.96 | 23.98 0.68 -12.23 | 23.22 0.50 -14.55 | 23.95 0.48 -15.61 | 27.20 0.87 -12.16 | 38.64 0.98 -21.53 | 38.56 1.01 -21.29 | 31.03 1.19 -12.35 | 26.13 1.25 -7.30 | 25.75 1.32 -6.11 | 25.05 1.34 -5.07 | 26.25 1.34 -6.07 | 27.14 1.54 -3.88 | 29.94 1.76 -2.23 | 31.49 2.18 -0.31 | 35.40 1.88 -7.78 | 42.78 1.96 -12.76 | 48.17 2.00 -16.32 | 57.38 2.21 -23.12 | 55.07 2.27 -19.90 | 42.90 1.96 -12.12 | 35.59 1.73 -8.43 | 32.01 1.06 -12.63 |
| TEALLAVE_115KV_TB7 355573 | 18.24 -0.09 -0.93 | 10.86 -0.08 -1.52 | 12.24 -0.07 -1.24 | 9.61 -0.04 -1.48 | 9.39 -0.05 -1.58 | 15.35 -0.06 -1.23 | 18.23 0.00 -2.11 | 18.40 0.00 -2.14 | 18.73 0.00 -1.24 | 18.27 -0.05 -0.74 | 18.88 -0.05 -0.62 | 19.09 -0.06 -0.51 | 19.42 -0.04 -0.62 | 22.11 0.00 -0.39 | 26.22 0.05 -0.23 | 28.89 -0.15 -0.03 | 26.37 -0.15 -0.79 | 29.15 -0.20 -1.29 | 31.30 -0.21 -1.66 | 34.35 -0.19 -2.49 | 34.75 -0.23 -2.08 | 29.86 -0.23 -1.27 | 26.08 -0.20 -0.86 | 19.54 -0.05 -1.28 |
| TELGRAPH_34_KV_EAST 80808 | 17.51 -1.39 -1.51 | 11.22 -0.66 -2.46 | 12.29 -0.79 -2.01 | 10.03 -0.54 -2.39 | 9.93 -0.49 -2.57 | 15.15 -1.02 -1.99 | 18.29 -1.26 -3.42 | 18.28 -1.45 -3.47 | 17.81 -1.68 -2.01 | 17.44 -1.34 -1.20 | 17.82 -1.50 -1.00 | 17.94 -1.53 -0.83 | 18.31 -1.53 -0.99 | 20.40 -1.95 -0.64 | 23.69 -2.62 -0.37 | 26.24 -2.81 -0.05 | 24.41 -2.60 -1.27 | 27.62 -2.52 -2.09 | 29.78 -2.75 -2.67 | 32.24 -3.27 -3.46 | 33.25 -3.03 -3.37 | 28.57 -2.31 -2.06 | 24.70 -2.11 -1.38 | 19.21 -1.17 -2.07 |
| TEMPLE___115KV_TB 2 55572 | 18.25 -0.09 -0.94 | 10.89 -0.07 -1.54 | 12.26 -0.07 -1.26 | 9.63 -0.04 -1.49 | 9.42 -0.04 -1.60 | 15.38 -0.04 -1.24 | 18.26 0.00 -2.13 | 18.42 0.00 -2.17 | 18.74 0.00 -1.26 | 18.29 -0.04 -0.75 | 18.89 -0.05 -0.63 | 19.12 -0.04 -0.52 | 19.45 -0.02 -0.62 | 22.14 0.02 -0.40 | 26.25 0.08 -0.23 | 28.89 -0.15 -0.03 | 26.41 -0.13 -0.80 | 29.17 -0.20 -1.31 | 31.35 -0.18 -1.68 | 34.38 -0.19 -2.52 | 34.78 -0.23 -2.11 | 29.91 -0.20 -1.28 | 26.11 -0.18 -0.87 | 19.58 -0.04 -1.30 |
| TIANA____69_KV_BK 1 55817 | 28.51 1.48 -9.64 | 25.82 0.78 -15.62 | 24.86 1.02 -12.78 | 24.15 0.78 -15.19 | 24.89 0.73 -16.31 | 28.33 1.45 -12.70 | 40.19 1.53 -22.54 | 40.26 1.76 -22.25 | 31.91 1.57 -12.85 | 26.49 1.32 -7.59 | 26.28 1.61 -6.35 | 25.47 1.57 -5.27 | 26.19 1.04 -6.31 | 27.03 1.28 -4.03 | 29.77 1.50 -2.31 | 31.66 2.20 -0.46 | 35.69 1.85 -8.10 | 43.99 2.67 -13.27 | 49.92 3.10 -16.97 | 60.78 3.40 -25.33 | 60.71 3.49 -24.32 | 46.56 2.68 -15.05 | 36.60 2.42 -8.76 | 32.58 1.14 -13.13 |
| TILDEN___115KV_TB1 80814 | 18.44 -0.05 -1.09 | 11.15 -0.06 -1.78 | 12.47 -0.06 -1.46 | 9.88 -0.03 -1.74 | 9.69 -0.03 -1.86 | 15.59 -0.03 -1.44 | 18.64 0.03 -2.48 | 18.77 0.00 -2.52 | 18.95 -0.02 -1.48 | 18.41 -0.05 -0.88 | 18.98 -0.07 -0.74 | 19.17 -0.07 -0.61 | 19.52 -0.06 -0.73 | 22.16 -0.02 -0.47 | 26.24 0.03 -0.27 | 28.87 -0.17 -0.04 | 26.53 -0.15 -0.94 | 29.46 -0.14 -1.54 | 31.70 -0.12 -1.97 | 34.95 -0.10 -3.00 | 35.19 -0.16 -2.45 | 30.17 -0.14 -1.49 | 26.32 -0.13 -1.02 | 19.82 -0.02 -1.53 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| TRIGEN___CC 323695 | 28.34 1.30 -9.64 | 25.74 0.70 -15.62 | 24.68 0.83 -12.78 | 23.99 0.62 -15.19 | 24.75 0.59 -16.31 | 28.02 1.13 -12.70 | 39.84 1.18 -22.54 | 39.84 1.33 -22.25 | 31.77 1.43 -12.85 | 26.56 1.39 -7.59 | 26.32 1.63 -6.38 | 25.57 1.64 -5.29 | 26.65 1.47 -6.33 | 27.53 1.76 -4.05 | 30.38 2.10 -2.33 | 33.18 2.76 -1.42 | 36.25 2.32 -8.20 | 43.79 2.44 -13.30 | 49.36 2.54 -16.97 | 69.15 2.72 -34.38 | 85.82 2.80 -50.12 | 63.75 2.39 -32.54 | 36.40 2.19 -8.79 | 32.75 1.28 -13.15 |
| TRINITY___115KV___4 BK 55933 | 29.74 0.68 -11.67 | 28.76 0.36 -18.98 | 27.01 0.42 -15.52 | 26.94 0.31 -18.46 | 27.96 0.30 -19.81 | 30.10 0.54 -15.38 | 43.66 0.61 -26.92 | 43.78 0.60 -26.92 | 33.73 0.68 -15.56 | 27.51 0.70 -9.23 | 26.74 0.70 -7.73 | 25.74 0.69 -6.41 | 27.24 0.72 -7.68 | 27.42 0.80 -4.90 | 29.51 0.75 -2.81 | 30.43 1.04 -0.38 | 36.50 0.93 -9.84 | 45.14 0.95 -16.13 | 51.53 1.04 -20.63 | 62.50 1.09 -29.36 | 59.30 1.12 -25.28 | 45.20 0.98 -15.40 | 36.98 0.89 -10.66 | 34.83 0.55 -15.97 |
| UNION___PROCESSING_DRP 323587 | 17.90 -0.80 -1.31 | 11.17 -0.39 -2.14 | 12.35 -0.46 -1.75 | 9.94 -0.31 -2.08 | 9.81 -0.27 -2.23 | 15.35 -0.55 -1.72 | 18.38 -0.71 -2.97 | 18.39 -0.88 -3.01 | 18.21 -1.01 -1.74 | 17.86 -0.76 -1.04 | 18.31 -0.88 -0.87 | 18.50 -0.86 -0.72 | 18.86 -0.85 -0.86 | 21.16 -1.11 -0.55 | 24.68 -1.58 -0.32 | 27.39 -1.65 -0.04 | 25.30 -1.54 -1.11 | 28.41 -1.46 -1.81 | 30.62 -1.55 -2.32 | 33.15 -1.92 -3.02 | 34.19 -1.65 -2.93 | 29.40 -1.21 -1.78 | 25.46 -1.17 -1.20 | 19.49 -0.62 -1.80 |
| UPPER HUDSON___HYD 24058 | 31.19 1.01 -12.78 | 29.50 0.54 -19.54 | 27.67 0.62 -15.98 | 27.64 0.47 -19.00 | 28.72 0.47 -20.40 | 31.88 0.84 -16.86 | 54.15 1.05 -36.98 | 47.16 0.96 -29.95 | 35.90 0.96 -17.45 | 27.94 0.86 -9.50 | 27.17 0.90 -7.95 | 26.16 0.93 -6.60 | 27.74 1.00 -7.90 | 27.93 1.17 -5.04 | 30.24 1.40 -2.89 | 31.23 1.83 -0.40 | 36.99 1.13 -10.12 | 45.94 1.29 -16.60 | 52.60 1.52 -21.23 | 63.92 1.63 -30.24 | 60.64 1.71 -26.03 | 46.09 1.41 -15.85 | 37.59 1.20 -10.97 | 35.51 0.77 -16.43 |
| UPPER RAQUET___HYD 24056 | 16.94 -0.63 -0.17 | 9.35 -0.35 -0.28 | 10.88 -0.42 -0.23 | 8.10 -0.34 -0.27 | 7.81 -0.34 -0.29 | 13.82 -0.58 -0.23 | 15.69 -0.82 -0.39 | 15.90 -0.75 -0.40 | 16.78 -0.94 -0.24 | 16.67 -1.05 -0.14 | 17.37 -1.06 -0.12 | 17.63 -1.10 -0.10 | 17.83 -1.13 -0.12 | 20.49 -1.30 -0.07 | 29.48 -1.53 -5.06 | 32.91 -1.60 -5.50 | 29.55 -1.34 -5.15 | 27.01 -1.29 -0.25 | 33.35 -1.31 -4.81 | 37.24 -1.25 -6.44 | 38.09 -1.32 -6.51 | 33.16 -1.38 -5.71 | 29.22 -1.32 -5.12 | 21.45 -0.99 -4.12 |
| VALLEY44_115KV_TB2 355964 | 17.68 -1.57 -1.85 | 11.66 -0.77 -3.02 | 12.62 -0.92 -2.47 | 10.46 -0.65 -2.93 | 10.40 -0.60 -3.15 | 15.42 -1.19 -2.43 | 18.98 -1.34 -4.19 | 18.95 -1.56 -4.26 | 18.14 -1.80 -2.46 | 17.52 -1.53 -1.47 | 17.88 -1.67 -1.23 | 17.92 -1.73 -1.02 | 18.35 -1.71 -1.22 | 20.35 -2.15 -0.78 | 23.62 -2.78 -0.45 | 26.02 -3.05 -0.06 | 24.45 -2.86 -1.56 | 27.67 -2.95 -2.57 | 29.94 -3.19 -3.28 | 32.57 -3.69 -4.20 | 33.48 -3.55 -4.13 | 28.66 -2.68 -2.52 | 24.63 -2.49 -1.69 | 19.46 -1.39 -2.54 |
| VALLEY___115KV_TB 1-4 80826 | 17.29 -0.10 0.00 | 9.36 -0.06 0.00 | 10.99 -0.08 0.00 | 8.12 -0.06 0.00 | 7.81 -0.05 0.00 | 14.10 -0.09 0.00 | 16.01 -0.11 0.00 | 16.16 -0.10 0.00 | 17.34 -0.14 0.00 | 17.44 -0.14 0.00 | 18.17 -0.15 0.00 | 18.49 -0.15 0.00 | 18.65 -0.19 0.00 | 21.52 -0.20 0.00 | 25.74 -0.21 0.00 | 28.74 -0.26 0.00 | 25.51 -0.23 0.00 | 27.72 -0.34 0.00 | 29.52 -0.33 0.00 | 31.73 -0.32 0.00 | 32.51 -0.39 0.00 | 28.42 -0.40 0.00 | 25.02 -0.41 0.00 | 17.97 -0.35 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 22.38 0.80 -4.18 | 16.57 0.44 -6.70 | 17.06 0.51 -5.48 | 15.09 0.39 -6.52 | 15.24 0.39 -7.00 | 20.40 0.71 -5.51 | 27.18 0.82 -10.23 | 26.77 0.83 -9.68 | 23.87 0.77 -5.61 | 21.55 0.70 -3.26 | 21.78 0.73 -2.73 | 21.65 0.75 -2.27 | 22.29 0.73 -2.71 | 24.36 0.91 -1.73 | 28.19 1.25 -0.99 | 30.62 1.48 -0.14 | 30.61 1.39 -3.48 | 35.21 1.46 -5.70 | 38.72 1.58 -7.29 | 44.56 1.70 -10.81 | 43.88 1.68 -9.30 | 36.02 1.53 -5.67 | 30.47 1.27 -3.77 | 24.84 0.88 -5.64 |
| VISCHER___FERRY HYD 24020 | 31.16 0.97 -12.79 | 29.16 0.52 -19.23 | 27.40 0.61 -15.72 | 27.33 0.46 -18.70 | 28.36 0.44 -20.07 | 31.85 0.79 -16.88 | 56.02 0.92 -38.98 | 47.24 0.89 -30.09 | 36.05 1.00 -17.57 | 27.90 0.98 -9.34 | 27.09 0.95 -7.82 | 26.09 0.97 -6.49 | 27.61 1.00 -7.77 | 27.78 1.11 -4.96 | 29.96 1.17 -2.84 | 30.93 1.54 -0.39 | 37.05 1.36 -9.95 | 45.92 1.54 -16.32 | 52.42 1.70 -20.87 | 63.60 1.79 -29.75 | 60.42 1.91 -25.61 | 46.07 1.64 -15.60 | 37.66 1.45 -10.78 | 35.37 0.90 -16.15 |
| V_A_10_SYNC_DSASP 323832 | 17.57 -1.25 -1.43 | 11.15 -0.60 -2.34 | 12.26 -0.72 -1.91 | 9.95 -0.50 -2.27 | 9.84 -0.46 -2.44 | 15.13 -0.94 -1.89 | 18.21 -1.16 -3.25 | 18.22 -1.33 -3.30 | 17.96 -1.49 -1.96 | 17.57 -1.18 -1.17 | 17.96 -1.34 -0.98 | 18.09 -1.36 -0.81 | 18.46 -1.36 -0.97 | 20.58 -1.76 -0.62 | 23.92 -2.39 -0.36 | 26.47 -2.58 -0.05 | 24.51 -2.47 -1.25 | 27.55 -2.55 -2.05 | 29.87 -2.60 -2.61 | 32.20 -3.14 -3.29 | 33.25 -2.86 -3.21 | 28.53 -2.25 -1.95 | 24.79 -1.98 -1.35 | 19.24 -1.10 -2.02 |
| V_CMM_10_SYNC_DSASP 323787 | 17.12 -0.28 0.00 | 9.27 -0.15 0.00 | 10.89 -0.18 0.00 | 8.01 -0.16 0.00 | 7.68 -0.17 0.00 | 13.87 -0.31 0.00 | 15.72 -0.40 0.00 | 15.93 -0.32 0.00 | 17.05 -0.44 0.00 | 17.12 -0.46 0.00 | 17.88 -0.44 0.00 | 18.17 -0.47 0.00 | 18.37 -0.47 0.00 | 21.15 -0.56 0.00 | 25.25 -0.70 0.00 | 28.31 -0.70 0.00 | 25.15 -0.59 0.00 | 27.52 -0.53 0.00 | 29.25 -0.60 0.00 | 31.51 -0.55 0.00 | 32.34 -0.56 0.00 | 28.19 -0.63 0.00 | 24.82 -0.61 0.00 | 17.86 -0.46 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 16.98 -0.42 0.00 | 9.14 -0.28 0.00 | 10.68 -0.39 0.00 | 7.82 -0.35 0.00 | 7.49 -0.36 0.00 | 13.54 -0.64 0.00 | 15.33 -0.79 0.00 | 15.57 -0.68 0.00 | 16.66 -0.82 0.00 | 16.74 -0.84 0.00 | 17.53 -0.79 0.00 | 17.80 -0.84 0.00 | 17.94 -0.90 0.00 | 20.59 -1.13 0.00 | -7.10 -1.38 31.67 | -7.13 -1.48 34.66 | -7.07 -1.24 31.58 | 26.88 -1.18 0.00 | 0.16 -1.31 28.38 | -7.05 -1.28 37.82 | -7.08 -1.35 38.63 | -7.10 -1.35 34.57 | -7.12 -1.27 31.28 | -7.11 -0.95 24.47 |
| V_D_10_SYNC_DSASP 323841 | 17.12 -0.28 0.00 | 9.27 -0.15 0.00 | 10.88 -0.19 0.00 | 8.01 -0.16 0.00 | 7.68 -0.17 0.00 | 13.87 -0.31 0.00 | 15.71 -0.42 0.00 | 15.91 -0.34 0.00 | 17.03 -0.45 0.00 | 17.07 -0.51 0.00 | 17.82 -0.49 0.00 | 18.13 -0.50 0.00 | 18.32 -0.53 0.00 | 21.09 -0.63 0.00 | 26.21 -0.78 -1.04 | 29.38 -0.75 -1.14 | 26.13 -0.64 -1.03 | 27.46 -0.59 0.00 | 30.18 -0.60 -0.93 | 32.74 -0.55 -1.24 | 33.61 -0.56 -1.27 | 29.30 -0.66 -1.13 | 25.82 -0.63 -1.03 | 18.62 -0.49 -0.80 |
| V_E_10_SYNC_DSASP 323830 | 21.26 0.87 -2.99 | 14.74 0.43 -4.89 | 15.55 0.49 -4.00 | 13.30 0.37 -4.75 | 13.34 0.38 -5.10 | 18.86 0.74 -3.95 | 23.84 0.92 -6.80 | 24.03 0.88 -6.90 | 22.75 0.65 -4.62 | 20.71 0.37 -2.76 | 20.94 0.31 -2.31 | 20.89 0.34 -1.91 | 21.44 0.30 -2.29 | 23.68 0.50 -1.46 | 27.67 0.88 -0.84 | 30.19 1.07 -0.11 | 29.91 1.24 -2.94 | 34.27 1.40 -4.82 | 37.83 1.82 -6.16 | 43.47 2.08 -9.34 | 42.39 1.94 -7.55 | 35.10 1.67 -4.60 | 29.86 1.25 -3.18 | 23.98 0.90 -4.77 |
| V_F_30_NSYNC___DSASP 323816 | 31.17 0.99 -12.78 | 29.44 0.53 -19.50 | 27.62 0.61 -15.94 | 27.59 0.46 -18.96 | 28.66 0.46 -20.35 | 31.86 0.82 -16.86 | 54.34 0.98 -37.24 | 47.13 0.91 -29.96 | 35.89 0.94 -17.46 | 27.95 0.90 -9.47 | 27.15 0.90 -7.93 | 26.13 0.91 -6.58 | 27.68 0.96 -7.88 | 27.87 1.13 -5.03 | 30.13 1.30 -2.88 | 31.08 1.68 -0.39 | 37.22 1.39 -10.09 | 46.21 1.60 -16.55 | 52.84 1.82 -21.17 | 64.17 1.96 -30.17 | 60.91 2.04 -25.97 | 46.37 1.73 -15.82 | 37.86 1.50 -10.94 | 35.67 0.97 -16.38 |

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| V_F_30_SYNC_DSASP 323786 | 30.29 0.68 -12.22 | 28.88 0.36 -19.10 | 27.10 0.41 -15.62 | 27.06 0.31 -18.58 | 28.09 0.30 -19.94 | 30.84 0.54 -16.12 | 49.55 0.61 -32.81 | 45.33 0.60 -28.47 | 34.72 0.68 -16.56 | 27.56 0.69 -9.29 | 26.79 0.70 -7.78 | 25.80 0.71 -6.46 | 27.31 0.73 -7.73 | 27.48 0.83 -4.93 | 29.58 0.80 -2.83 | 30.49 1.10 -0.39 | 36.62 0.98 -9.90 | 45.33 1.04 -16.24 | 51.72 1.10 -20.77 | 62.77 1.15 -29.56 | 59.57 1.22 -25.45 | 45.36 1.04 -15.50 | 37.10 0.94 -10.73 | 34.98 0.59 -16.07 |
| V_XM_10_SYNC_DSASP 323789 | 16.98 -0.42 0.00 | 9.14 -0.28 0.00 | 10.68 -0.39 0.00 | 7.82 -0.35 0.00 | 7.49 -0.36 0.00 | 13.54 -0.64 0.00 | 15.33 -0.79 0.00 | 15.57 -0.68 0.00 | 16.66 -0.82 0.00 | 16.74 -0.84 0.00 | 17.53 -0.79 0.00 | 17.80 -0.84 0.00 | 17.94 -0.90 0.00 | 20.59 -1.13 0.00 | -7.10 -1.38 31.67 | -7.13 -1.48 34.66 | -7.07 -1.24 31.58 | 26.88 -1.18 0.00 | 0.16 -1.31 28.38 | -7.05 -1.28 37.82 | -7.08 -1.35 38.63 | -7.10 -1.35 34.57 | -7.12 -1.27 31.28 | -7.11 -0.95 24.47 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 27.74 1.06 -9.29 | 25.07 0.59 -15.06 | 24.08 0.70 -12.32 | 23.34 0.51 -14.65 | 24.07 0.49 -15.72 | 27.32 0.89 -12.24 | 38.83 1.02 -21.69 | 38.75 1.06 -21.44 | 31.16 1.22 -12.45 | 26.22 1.28 -7.36 | 25.83 1.36 -6.16 | 25.12 1.38 -5.11 | 26.34 1.38 -6.12 | 27.21 1.59 -3.91 | 30.01 1.82 -2.24 | 31.55 2.23 -0.31 | 35.51 1.93 -7.84 | 42.93 2.02 -12.86 | 48.38 2.09 -16.44 | 57.65 2.31 -23.29 | 55.29 2.34 -20.05 | 43.05 2.02 -12.21 | 35.73 1.81 -8.49 | 32.14 1.10 -12.72 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 28.23 1.20 -9.63 | 25.72 0.68 -15.62 | 24.63 0.79 -12.77 | 23.94 0.58 -15.19 | 24.71 0.56 -16.30 | 27.89 1.01 -12.70 | 39.83 1.18 -22.53 | 39.70 1.20 -22.24 | 31.73 1.40 -12.85 | 26.72 1.55 -7.59 | 26.28 1.61 -6.36 | 25.55 1.64 -5.27 | 26.79 1.64 -6.31 | 27.65 1.89 -4.05 | 30.43 2.15 -2.33 | 31.98 2.64 -0.34 | 36.12 2.29 -8.09 | 43.77 2.44 -13.28 | 49.29 2.48 -16.96 | 58.82 2.72 -24.05 | 56.37 2.76 -20.70 | 43.71 2.28 -12.61 | 36.22 2.03 -8.76 | 32.71 1.26 -13.13 |
| W50THST__13_KV_LOAD 356117 | 28.30 1.27 -9.63 | 25.75 0.72 -15.62 | 24.67 0.83 -12.77 | 23.98 0.61 -15.19 | 24.75 0.59 -16.30 | 27.94 1.06 -12.70 | 39.91 1.26 -22.53 | 39.80 1.30 -22.24 | 31.84 1.50 -12.85 | 26.82 1.65 -7.59 | 26.39 1.72 -6.36 | 25.66 1.75 -5.27 | 26.91 1.75 -6.31 | 27.80 2.04 -4.05 | 30.61 2.34 -2.33 | 32.15 2.81 -0.34 | 36.30 2.47 -8.09 | 43.97 2.64 -13.28 | 49.47 2.66 -16.96 | 59.01 2.92 -24.05 | 56.56 2.96 -20.70 | 43.85 2.42 -12.61 | 36.35 2.16 -8.76 | 32.80 1.36 -13.13 |
| WADING RIVER_IC_1 23522 | 28.44 1.41 -9.64 | 25.80 0.75 -15.62 | 24.82 0.97 -12.78 | 24.13 0.76 -15.19 | 24.86 0.70 -16.31 | 28.28 1.39 -12.70 | 40.14 1.48 -22.54 | 40.18 1.67 -22.25 | 31.73 1.45 -12.80 | 26.42 1.28 -7.56 | 26.12 1.48 -6.32 | 25.33 1.45 -5.25 | 26.01 0.89 -6.28 | 26.92 1.19 -4.01 | 29.68 1.43 -2.30 | 31.49 2.03 -0.45 | 35.52 1.72 -8.06 | 43.79 2.53 -13.21 | 49.79 3.05 -16.89 | 60.74 3.36 -25.32 | 60.63 3.42 -24.31 | 46.43 2.56 -15.04 | 36.49 2.34 -8.72 | 32.43 1.04 -13.07 |
| WADING RIVER_IC_2 23547 | 28.44 1.41 -9.64 | 25.80 0.75 -15.62 | 24.82 0.97 -12.78 | 24.13 0.76 -15.19 | 24.86 0.70 -16.31 | 28.28 1.39 -12.70 | 40.14 1.48 -22.54 | 40.18 1.67 -22.25 | 31.73 1.45 -12.80 | 26.42 1.28 -7.56 | 26.12 1.48 -6.32 | 25.33 1.45 -5.25 | 26.01 0.89 -6.28 | 26.92 1.19 -4.01 | 29.68 1.43 -2.30 | 31.49 2.03 -0.45 | 35.52 1.72 -8.06 | 43.79 2.53 -13.21 | 49.79 3.05 -16.89 | 60.74 3.36 -25.32 | 60.63 3.42 -24.31 | 46.43 2.56 -15.04 | 36.49 2.34 -8.72 | 32.43 1.04 -13.07 |
| WADING RIVER_IC_3 23601 | 28.44 1.41 -9.64 | 25.80 0.75 -15.62 | 24.82 0.97 -12.78 | 24.13 0.76 -15.19 | 24.86 0.70 -16.31 | 28.28 1.39 -12.70 | 40.14 1.48 -22.54 | 40.18 1.67 -22.25 | 31.73 1.45 -12.80 | 26.42 1.28 -7.56 | 26.12 1.48 -6.32 | 25.33 1.45 -5.25 | 26.01 0.89 -6.28 | 26.92 1.19 -4.01 | 29.68 1.43 -2.30 | 31.49 2.03 -0.45 | 35.52 1.72 -8.06 | 43.79 2.53 -13.21 | 49.79 3.05 -16.89 | 60.74 3.36 -25.32 | 60.63 3.42 -24.31 | 46.43 2.56 -15.04 | 36.49 2.34 -8.72 | 32.43 1.04 -13.07 |
| WALDENNY_12_KV_BK2 80841 | 17.55 -1.51 -1.67 | 11.42 -0.73 -2.73 | 12.44 -0.86 -2.23 | 10.22 -0.60 -2.66 | 10.14 -0.57 -2.85 | 15.24 -1.15 -2.20 | 18.55 -1.37 -3.80 | 18.55 -1.56 -3.85 | 17.91 -1.80 -2.23 | 17.47 -1.44 -1.33 | 17.82 -1.61 -1.11 | 17.90 -1.66 -0.92 | 18.33 -1.62 -1.10 | 20.32 -2.11 -0.71 | 23.60 -2.75 -0.41 | 26.04 -3.02 -0.06 | 24.32 -2.83 -1.42 | 27.63 -2.75 -2.32 | 29.80 -3.01 -2.97 | 32.25 -3.62 -3.82 | 33.22 -3.42 -3.74 | 28.48 -2.62 -2.28 | 24.57 -2.39 -1.53 | 19.30 -1.32 -2.30 |
| WALDEN__HYDRO 24148 | 27.63 0.94 -9.30 | 25.05 0.53 -15.10 | 24.04 0.62 -12.35 | 23.32 0.46 -14.69 | 24.06 0.44 -15.77 | 27.23 0.79 -12.26 | 38.56 0.89 -21.55 | 38.62 0.91 -21.45 | 30.95 1.05 -12.41 | 26.01 1.07 -7.35 | 25.61 1.14 -6.16 | 24.90 1.16 -5.11 | 26.11 1.15 -6.12 | 26.95 1.32 -3.90 | 29.72 1.53 -2.24 | 31.22 1.91 -0.31 | 35.25 1.67 -7.84 | 42.73 1.82 -12.85 | 48.17 1.88 -16.44 | 57.39 2.08 -23.26 | 55.06 2.14 -20.02 | 42.86 1.84 -12.19 | 35.57 1.65 -8.49 | 32.02 0.99 -12.72 |
| WARRENSBURG____ 23737 | 31.19 1.01 -12.78 | 29.50 0.54 -19.54 | 27.67 0.62 -15.98 | 27.64 0.47 -19.00 | 28.72 0.47 -20.40 | 31.88 0.84 -16.86 | 54.15 1.05 -36.98 | 47.16 0.96 -29.95 | 35.90 0.94 -17.47 | 27.95 0.86 -9.51 | 27.17 0.90 -7.96 | 26.17 0.93 -6.60 | 27.75 1.00 -7.91 | 27.94 1.17 -5.05 | 30.24 1.40 -2.89 | 31.23 1.83 -0.40 | 37.00 1.13 -10.13 | 45.96 1.29 -16.61 | 52.62 1.52 -21.25 | 63.92 1.63 -30.24 | 60.64 1.71 -26.03 | 46.09 1.41 -15.85 | 37.60 1.20 -10.98 | 35.53 0.77 -16.44 |
| WATERSIDE____6 8 9 23538 | 28.31 1.27 -9.64 | 25.76 0.72 -15.63 | 24.69 0.84 -12.78 | 23.99 0.61 -15.20 | 24.76 0.60 -16.31 | 27.95 1.06 -12.71 | 39.85 1.19 -22.53 | 39.72 1.22 -22.25 | 31.77 1.43 -12.85 | 26.78 1.60 -7.60 | 26.34 1.67 -6.36 | 25.61 1.70 -5.28 | 26.86 1.70 -6.32 | 27.72 1.95 -4.05 | 30.52 2.23 -2.34 | 32.04 2.70 -0.34 | 36.17 2.34 -8.09 | 43.86 2.52 -13.28 | 49.32 2.51 -16.97 | 58.86 2.76 -24.05 | 56.40 2.80 -20.70 | 43.74 2.31 -12.61 | 36.30 2.11 -8.76 | 32.78 1.34 -13.13 |
| WATKINRD_115KV_LN8_ILLION 55919 | 17.36 -0.03 0.00 | 9.40 -0.02 0.00 | 11.04 -0.03 0.00 | 8.15 -0.02 0.00 | 7.84 -0.02 0.00 | 14.15 -0.03 0.00 | 16.09 -0.03 0.00 | 16.22 -0.03 0.00 | 17.43 -0.05 0.00 | 17.51 -0.07 0.00 | 18.24 -0.07 0.00 | 18.56 -0.07 0.00 | 18.75 -0.09 0.00 | 21.63 -0.09 0.00 | 25.87 -0.08 0.00 | 28.92 -0.09 0.00 | 25.66 -0.08 0.00 | 27.91 -0.14 0.00 | 29.73 -0.12 0.00 | 31.92 -0.13 0.00 | 32.74 -0.16 0.00 | 28.65 -0.17 0.00 | 25.25 -0.18 0.00 | 18.15 -0.16 0.00 |
| WATSON__69_KV_BK 1 55734 | 28.67 1.64 -9.64 | 25.90 0.86 -15.62 | 24.90 1.05 -12.78 | 24.16 0.79 -15.19 | 24.91 0.75 -16.31 | 28.35 1.46 -12.70 | 40.21 1.55 -22.54 | 40.26 1.76 -22.25 | 32.07 1.73 -12.85 | 26.74 1.56 -7.59 | 26.52 1.85 -6.36 | 25.73 1.83 -5.27 | 26.64 1.49 -6.31 | 27.57 1.82 -4.03 | 30.44 2.18 -2.31 | 32.47 2.96 -0.51 | 36.39 2.55 -8.10 | 44.33 3.00 -13.27 | 50.10 3.28 -16.97 | 61.43 3.59 -25.79 | 62.24 3.68 -25.65 | 47.83 3.06 -15.95 | 36.94 2.75 -8.76 | 32.95 1.50 -13.13 |
| WDELAWARE__HYD 323627 | 26.89 0.78 -8.71 | 24.09 0.45 -14.22 | 23.24 0.54 -11.63 | 22.40 0.40 -13.83 | 23.08 0.38 -14.84 | 26.36 0.69 -11.48 | 36.66 0.77 -19.76 | 37.11 0.78 -20.07 | 29.71 0.93 -11.30 | 25.20 0.88 -6.74 | 24.89 0.93 -5.64 | 24.25 0.93 -4.68 | 25.37 0.92 -5.60 | 26.40 1.11 -3.58 | 29.30 1.30 -2.05 | 30.97 1.68 -0.28 | 34.41 1.49 -7.18 | 41.49 1.65 -11.78 | 46.70 1.79 -15.06 | 55.52 2.02 -21.45 | 53.44 2.07 -18.47 | 41.86 1.79 -11.25 | 34.76 1.55 -7.78 | 30.91 0.93 -11.66 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| WEST BABYLON___IC 23714 | 28.61 1.58 -9.64 | 25.87 0.83 -15.62 | 24.85 1.01 -12.78 | 24.12 0.75 -15.19 | 24.88 0.71 -16.31 | 28.27 1.39 -12.70 | 40.13 1.47 -22.54 | 40.16 1.66 -22.25 | 32.02 1.68 -12.85 | 26.72 1.55 -7.59 | 26.51 1.83 -6.36 | 25.73 1.83 -5.27 | 26.68 1.53 -6.31 | 27.60 1.85 -4.04 | 30.47 2.21 -2.32 | 32.58 2.96 -0.62 | 36.40 2.55 -8.11 | 44.16 2.83 -13.28 | 49.86 3.04 -16.97 | 62.20 3.33 -26.82 | 64.89 3.42 -28.57 | 49.64 2.88 -17.93 | 36.84 2.64 -8.77 | 32.93 1.48 -13.13 |
| WEST CANADA___HYD 24049 | 17.47 0.07 0.00 | 9.46 0.04 0.00 | 11.11 0.04 0.00 | 8.22 0.04 0.00 | 7.89 0.04 0.00 | 14.25 0.07 0.00 | 16.21 0.08 0.00 | 16.32 0.07 0.00 | 17.55 0.07 0.00 | 17.65 0.07 0.00 | 18.39 0.07 0.00 | 18.71 0.07 0.00 | 18.90 0.06 0.00 | 21.80 0.09 0.00 | 26.05 0.10 0.00 | 29.15 0.15 0.00 | 25.89 0.16 0.00 | 28.19 0.14 0.00 | 30.03 0.18 0.00 | 32.21 0.16 0.00 | 33.07 0.17 0.00 | 28.97 0.14 0.00 | 25.55 0.13 0.00 | 18.41 0.09 0.00 |
| WESTERN_NY_WIND 24143 | 17.78 -1.10 -1.48 | 11.32 -0.52 -2.42 | 12.44 -0.61 -1.98 | 10.11 -0.42 -2.35 | 10.01 -0.37 -2.53 | 15.38 -0.75 -1.95 | 18.52 -0.97 -3.37 | 18.50 -1.17 -3.42 | 18.06 -1.40 -1.97 | 17.67 -1.09 -1.18 | 18.06 -1.25 -0.99 | 18.19 -1.27 -0.82 | 18.54 -1.28 -0.98 | 20.71 -1.63 -0.63 | 24.08 -2.23 -0.36 | 26.70 -2.35 -0.05 | 24.83 -2.16 -1.25 | 28.09 -2.02 -2.06 | 30.33 -2.15 -2.63 | 32.89 -2.56 -3.41 | 33.92 -2.30 -3.32 | 29.12 -1.73 -2.02 | 25.18 -1.60 -1.36 | 19.49 -0.86 -2.04 |
| WESTOVER___LESR 323668 | 20.45 -0.05 -3.11 | 14.46 -0.04 -5.08 | 15.19 -0.03 -4.15 | 13.11 -0.01 -4.94 | 13.15 -0.01 -5.30 | 18.27 -0.01 -4.10 | 23.20 0.02 -7.06 | 23.39 -0.03 -7.17 | 21.54 -0.09 -4.14 | 19.98 -0.07 -2.47 | 20.28 -0.11 -2.07 | 20.24 -0.11 -1.72 | 20.80 -0.09 -2.06 | 22.90 -0.13 -1.31 | 26.54 -0.16 -0.75 | 28.90 -0.20 -0.10 | 28.19 -0.18 -2.63 | 32.21 -0.17 -4.32 | 35.20 -0.18 -5.53 | 39.72 -0.22 -7.89 | 39.71 -0.20 -7.00 | 33.06 -0.03 -4.27 | 28.18 -0.10 -2.86 | 22.59 0.00 -4.28 |
| WETHRSFD_WT_PWR 323626 | 17.74 -1.53 -1.88 | 11.70 -0.79 -3.07 | 12.65 -0.93 -2.51 | 10.50 -0.65 -2.98 | 10.44 -0.61 -3.20 | 15.45 -1.21 -2.48 | 18.99 -1.40 -4.27 | 18.98 -1.61 -4.33 | 18.20 -1.85 -2.57 | 17.46 -1.65 -1.54 | 17.77 -1.83 -1.29 | 17.80 -1.90 -1.07 | 18.24 -1.88 -1.28 | 20.19 -2.35 -0.82 | 23.46 -2.96 -0.47 | 25.79 -3.28 -0.07 | 24.29 -3.09 -1.64 | 27.60 -3.14 -2.68 | 30.06 -3.22 -3.43 | 32.62 -3.65 -4.22 | 33.66 -3.45 -4.21 | 28.62 -2.77 -2.56 | 24.73 -2.47 -1.77 | 19.62 -1.36 -2.66 |
| WHAVSTOR_138KV_BK127 55557 | 27.72 1.03 -9.30 | 25.09 0.58 -15.09 | 24.08 0.68 -12.34 | 23.35 0.51 -14.67 | 24.09 0.49 -15.75 | 27.32 0.88 -12.26 | 38.85 1.00 -21.72 | 38.76 1.02 -21.48 | 31.14 1.19 -12.47 | 26.21 1.27 -7.37 | 25.82 1.34 -6.17 | 25.11 1.36 -5.12 | 26.33 1.36 -6.13 | 27.20 1.56 -3.92 | 29.99 1.79 -2.25 | 31.52 2.20 -0.31 | 35.47 1.88 -7.85 | 42.93 1.99 -12.88 | 48.35 2.03 -16.47 | 57.63 2.24 -23.33 | 55.29 2.30 -20.09 | 43.02 1.96 -12.23 | 35.69 1.75 -8.51 | 32.14 1.08 -12.75 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 27.72 1.03 -9.30 | 25.09 0.58 -15.09 | 24.08 0.68 -12.34 | 23.35 0.51 -14.67 | 24.09 0.49 -15.75 | 27.32 0.88 -12.26 | 38.85 1.00 -21.72 | 38.76 1.02 -21.48 | 31.14 1.19 -12.47 | 26.21 1.27 -7.37 | 25.82 1.34 -6.17 | 25.11 1.36 -5.12 | 26.33 1.36 -6.13 | 27.20 1.56 -3.92 | 29.99 1.79 -2.25 | 31.52 2.20 -0.31 | 35.47 1.88 -7.85 | 42.93 1.99 -12.88 | 48.35 2.03 -16.47 | 57.63 2.24 -23.33 | 55.29 2.30 -20.09 | 43.02 1.96 -12.23 | 35.69 1.75 -8.51 | 32.14 1.08 -12.75 |
| WHITEHAL_115KV_TB1 80871 | 31.43 1.25 -12.78 | 29.61 0.67 -19.52 | 27.80 0.76 -15.97 | 27.74 0.58 -18.99 | 28.82 0.59 -20.38 | 32.11 1.06 -16.86 | 54.55 1.34 -37.09 | 47.41 1.20 -29.95 | 36.13 1.17 -17.48 | 28.11 1.04 -9.50 | 27.35 1.08 -7.95 | 26.33 1.10 -6.60 | 27.93 1.19 -7.90 | 28.17 1.41 -5.04 | 30.52 1.69 -2.89 | 31.57 2.18 -0.40 | 37.40 1.54 -10.12 | 46.48 1.82 -16.60 | 53.25 2.18 -21.23 | 64.63 2.37 -30.21 | 61.41 2.50 -26.01 | 46.71 2.05 -15.84 | 38.10 1.70 -10.97 | 35.88 1.14 -16.43 |
| WHITEPLN_13_KV_LOAD 356215 | 28.24 1.24 -9.61 | 25.70 0.70 -15.59 | 24.62 0.81 -12.75 | 23.92 0.59 -15.16 | 24.70 0.57 -16.27 | 27.88 1.02 -12.68 | 39.77 1.16 -22.48 | 39.71 1.25 -22.20 | 31.72 1.42 -12.82 | 26.63 1.48 -7.57 | 26.23 1.58 -6.34 | 25.50 1.60 -5.26 | 26.76 1.62 -6.30 | 27.63 1.89 -4.03 | 30.44 2.18 -2.31 | 31.99 2.67 -0.32 | 36.15 2.34 -8.07 | 43.85 2.55 -13.24 | 49.41 2.63 -16.93 | 58.87 2.82 -24.00 | 56.45 2.90 -20.66 | 43.83 2.42 -12.58 | 36.31 2.14 -8.75 | 32.74 1.32 -13.10 |
| WM_FLOYD_69_KV_BK2 356380 | 28.51 1.48 -9.64 | 25.82 0.78 -15.62 | 24.84 1.00 -12.78 | 24.13 0.76 -15.19 | 24.87 0.71 -16.31 | 28.29 1.40 -12.70 | 40.13 1.47 -22.54 | 40.18 1.67 -22.25 | 31.88 1.54 -12.85 | 26.47 1.30 -7.59 | 26.26 1.59 -6.35 | 25.47 1.57 -5.27 | 26.25 1.09 -6.31 | 27.12 1.37 -4.03 | 29.87 1.61 -2.31 | 31.78 2.32 -0.46 | 35.82 1.98 -8.10 | 44.02 2.69 -13.27 | 49.89 3.07 -16.97 | 60.77 3.37 -25.35 | 60.75 3.45 -24.39 | 46.63 2.71 -15.10 | 36.66 2.47 -8.76 | 32.63 1.19 -13.13 |
| WOODARD___115KV_TB2 355635 | 18.24 -0.10 -0.95 | 10.89 -0.08 -1.55 | 12.25 -0.09 -1.27 | 9.63 -0.06 -1.51 | 9.42 -0.05 -1.62 | 15.36 -0.07 -1.25 | 18.25 -0.03 -2.16 | 18.43 -0.02 -2.19 | 18.71 -0.03 -1.27 | 18.26 -0.07 -0.75 | 18.86 -0.09 -0.63 | 19.08 -0.07 -0.52 | 19.41 -0.06 -0.63 | 22.10 -0.02 -0.40 | 26.20 0.03 -0.23 | 28.83 -0.20 -0.03 | 26.36 -0.18 -0.80 | 29.12 -0.25 -1.32 | 31.30 -0.24 -1.69 | 34.26 -0.26 -2.47 | 34.73 -0.30 -2.13 | 29.83 -0.29 -1.30 | 26.07 -0.23 -0.87 | 19.55 -0.07 -1.31 |
| YORK___WARBASSE 23770 | 28.45 1.41 -9.64 | 25.83 0.78 -15.63 | 24.76 0.91 -12.78 | 24.04 0.67 -15.20 | 24.81 0.64 -16.31 | 28.05 1.16 -12.71 | 39.96 1.31 -22.53 | 39.83 1.33 -22.25 | 31.89 1.56 -12.85 | 26.90 1.72 -7.60 | 26.47 1.80 -6.36 | 25.74 1.83 -5.28 | 26.99 1.83 -6.32 | 27.87 2.11 -4.05 | 30.70 2.41 -2.34 | 32.27 2.93 -0.34 | 36.35 2.50 -8.11 | 44.09 2.75 -13.29 | 49.56 2.75 -16.97 | 59.11 3.01 -24.05 | 56.63 3.03 -20.70 | 43.91 2.48 -12.61 | 36.49 2.29 -8.77 | 32.94 1.48 -13.14 |