

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/22/2023

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 19.93 | 19.04 | 18.00 | 17.09 | 17.16 | 16.61 | 20.50 | 18.99 | 30.28 | 45.16 | 20.37 | 20.85 | 20.22 | 18.94 | 18.43 | 16.26 | 17.77 | 19.02 | 21.36 | 22.55 | 24.82 | 22.18 | 22.04 | 18.97 |
| 24138 | 1.14 | 1.09 | 0.90 | 0.46 | 0.97 | 0.95 | 1.23 | 1.24 | 0.88 | -0.06 | 1.56 | 1.62 | 1.64 | 1.57 | 1.55 | 1.15 | 1.46 | 1.54 | 1.66 | 1.66 | 1.80 | 1.53 | 1.55 | 1.32 |
| | 0.00 | 0.00 | -2.50 | -9.07 | -0.07 | 0.00 | 0.00 | 0.00 | -18.01 | -47.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.71 | -0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 19.91 | 19.02 | 17.99 | 17.08 | 17.15 | 16.59 | 20.47 | 18.95 | 30.25 | 45.14 | 20.33 | 20.80 | 20.18 | 18.89 | 18.39 | 16.23 | 17.72 | 18.97 | 21.32 | 22.51 | 24.78 | 22.18 | 22.03 | 18.95 |
| 24260 | 1.12 | 1.07 | 0.89 | 0.45 | 0.96 | 0.93 | 1.20 | 1.21 | 0.86 | -0.05 | 1.52 | 1.56 | 1.60 | 1.53 | 1.51 | 1.12 | 1.42 | 1.49 | 1.62 | 1.63 | 1.77 | 1.53 | 1.53 | 1.30 |
| | 0.00 | 0.00 | -2.50 | -9.07 | -0.07 | 0.00 | 0.00 | 0.00 | -18.00 | -47.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.71 | -0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 19.91 | 19.02 | 17.99 | 17.08 | 17.15 | 16.59 | 20.47 | 18.95 | 30.25 | 45.14 | 20.33 | 20.80 | 20.18 | 18.89 | 18.39 | 16.23 | 17.72 | 18.97 | 21.32 | 22.51 | 24.78 | 22.18 | 22.03 | 18.95 |
| 24261 | 1.12 | 1.07 | 0.89 | 0.45 | 0.96 | 0.93 | 1.20 | 1.21 | 0.86 | -0.05 | 1.52 | 1.56 | 1.60 | 1.53 | 1.51 | 1.12 | 1.42 | 1.49 | 1.62 | 1.63 | 1.77 | 1.53 | 1.53 | 1.30 |
| | 0.00 | 0.00 | -2.50 | -9.07 | -0.07 | 0.00 | 0.00 | 0.00 | -18.00 | -47.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.71 | -0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 19.90 | 18.96 | 18.74 | 19.73 | 17.24 | 16.73 | 20.61 | 18.96 | 15.92 | 7.47 | 20.01 | 20.50 | 19.67 | 18.42 | 17.90 | 16.68 | 17.43 | 18.64 | 21.06 | 22.29 | 24.59 | 22.08 | 21.91 | 18.83 |
| 24011 | 1.11 | 1.01 | 0.91 | 0.48 | 1.03 | 1.07 | 1.34 | 1.21 | 0.73 | -0.14 | 1.20 | 1.26 | 1.09 | 1.05 | 1.02 | 0.79 | 0.98 | 1.15 | 1.35 | 1.41 | 1.58 | 1.43 | 1.42 | 1.18 |
| | 0.00 | 0.00 | -3.23 | -11.70 | -0.09 | 0.00 | 0.00 | 0.00 | -3.79 | -10.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.50 | -0.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 20.01 | 19.01 | 18.79 | 19.78 | 17.31 | 16.83 | 20.76 | 19.09 | 15.98 | 7.44 | 20.20 | 20.69 | 19.85 | 18.58 | 18.05 | 16.81 | 17.58 | 18.81 | 21.26 | 22.48 | 24.82 | 22.30 | 22.09 | 18.98 |
| 23798 | 1.22 | 1.06 | 0.96 | 0.52 | 1.10 | 1.17 | 1.49 | 1.34 | 0.80 | -0.16 | 1.38 | 1.45 | 1.28 | 1.21 | 1.17 | 0.91 | 1.13 | 1.32 | 1.55 | 1.60 | 1.80 | 1.66 | 1.59 | 1.33 |
| | 0.00 | 0.00 | -3.23 | -11.71 | -0.09 | 0.00 | 0.00 | 0.00 | -3.79 | -10.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.50 | -0.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 19.90 | 18.96 | 18.74 | 19.73 | 17.24 | 16.73 | 20.61 | 18.96 | 15.92 | | | | | | | | | | | | | | | |

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|-------------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___4 23574 | 19.48 0.69 0.00 | 18.63 0.68 0.00 | 18.27 0.57 -3.10 | 19.09 0.29 -11.25 | 16.80 0.60 -0.08 | 16.19 0.53 0.00 | 19.87 0.60 0.00 | 18.31 0.56 0.00 | 15.62 0.27 -3.95 | 8.03 0.00 -10.45 | 19.09 0.27 0.00 | 19.52 0.29 0.00 | 18.85 0.28 0.00 | 17.70 0.33 0.00 | 17.25 0.37 0.00 | 16.08 0.32 -3.36 | 16.82 0.40 -0.61 | 17.96 0.48 0.00 | 20.21 0.51 0.00 | 21.40 0.51 0.00 | 23.54 0.52 0.00 | 21.08 0.43 0.00 | 20.94 0.44 0.00 | 18.07 0.42 0.00 |
| ALBANY___LFGE 323615 | 19.61 0.82 0.00 | 18.76 0.81 0.00 | 18.43 0.67 -3.16 | 19.34 0.34 -11.45 | 16.92 0.71 -0.09 | 16.30 0.65 0.00 | 20.02 0.75 0.00 | 18.45 0.71 0.00 | 15.61 0.37 -3.85 | 7.74 -0.03 -10.19 | 19.25 0.44 0.00 | 19.70 0.46 0.00 | 19.02 0.45 0.00 | 17.85 0.49 0.00 | 17.41 0.53 0.00 | 16.26 0.44 -3.42 | 16.98 0.55 -0.62 | 18.14 0.65 0.00 | 20.41 0.71 0.00 | 21.59 0.71 0.00 | 23.76 0.74 0.00 | 21.27 0.63 0.00 | 21.11 0.61 0.00 | 18.21 0.56 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 18.67 -0.12 0.00 | 17.81 -0.14 0.00 | 14.50 -0.10 0.00 | 7.50 -0.05 0.00 | 16.02 -0.10 0.00 | 15.56 -0.10 0.00 | 19.09 -0.18 0.00 | 21.53 -0.10 -3.89 | 11.37 -0.03 0.00 | -2.43 -0.01 0.00 | 18.82 0.01 0.00 | 19.13 -0.10 0.00 | 18.46 -0.12 0.00 | 17.16 -0.21 0.00 | 16.63 -0.25 0.00 | 12.21 -0.18 0.00 | 15.61 -0.21 0.00 | 17.22 -0.26 0.00 | 19.39 -0.31 0.00 | 20.58 -0.31 0.00 | 22.71 -0.30 0.00 | 20.44 -0.21 0.00 | 20.33 -0.16 0.00 | 17.50 -0.14 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 18.67 -0.12 0.00 | 17.81 -0.14 0.00 | 14.50 -0.10 0.00 | 7.50 -0.05 0.00 | 16.02 -0.10 0.00 | 15.56 -0.10 0.00 | 19.09 -0.18 0.00 | 21.53 -0.10 -3.89 | 11.37 -0.03 0.00 | -2.43 -0.01 0.00 | 18.82 0.01 0.00 | 19.13 -0.10 0.00 | 18.46 -0.12 0.00 | 17.16 -0.21 0.00 | 16.63 -0.25 0.00 | 12.21 -0.18 0.00 | 15.61 -0.21 0.00 | 17.22 -0.26 0.00 | 19.39 -0.31 0.00 | 20.58 -0.31 0.00 | 22.71 -0.30 0.00 | 20.44 -0.21 0.00 | 20.33 -0.16 0.00 | 17.50 -0.14 0.00 |
| ALCOA___DSASP 323711 | 18.67 -0.12 0.00 | 17.81 -0.14 0.00 | 14.50 -0.10 0.00 | 7.50 -0.05 0.00 | 16.02 -0.10 0.00 | 15.56 -0.09 0.00 | 19.09 -0.18 0.00 | 21.53 -0.10 -3.89 | 11.37 -0.03 0.00 | -2.43 -0.01 0.00 | 18.82 0.01 0.00 | 19.13 -0.10 0.00 | 18.46 -0.12 0.00 | 17.16 -0.20 0.00 | 16.63 -0.25 0.00 | 12.21 -0.18 0.00 | 15.61 -0.21 0.00 | 17.22 -0.26 0.00 | 19.39 -0.31 0.00 | 20.58 -0.31 0.00 | 22.71 -0.30 0.00 | 20.44 -0.21 0.00 | 20.34 -0.16 0.00 | 17.50 -0.14 0.00 |
| ALLEGHENY___COGEN 23514 | 19.25 0.46 0.00 | 18.32 0.37 0.00 | 15.30 0.26 -0.44 | 9.34 0.18 -1.61 | 16.60 0.47 -0.01 | 16.30 0.64 0.00 | 20.30 1.03 0.00 | 18.78 0.76 -0.27 | 11.77 0.38 0.00 | -2.65 -0.23 0.00 | 19.11 0.29 0.00 | 19.48 0.23 -0.02 | 18.77 0.19 0.00 | 17.57 0.20 0.00 | 16.94 0.05 0.00 | 12.85 -0.06 -0.51 | 15.81 -0.09 -0.09 | 17.62 0.13 0.00 | 19.99 0.28 0.00 | 21.47 0.58 0.00 | 24.02 1.01 0.00 | 21.72 1.07 0.00 | 21.39 0.89 0.00 | 18.33 0.67 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 19.40 0.61 0.00 | 18.56 0.61 0.00 | 18.22 0.51 -3.11 | 19.09 0.26 -11.28 | 16.75 0.55 -0.08 | 16.15 0.50 0.00 | 19.86 0.59 0.00 | 18.30 0.55 0.00 | 15.58 0.32 -3.86 | 7.77 -0.02 -10.21 | 19.27 0.45 0.00 | 19.70 0.47 0.00 | 19.03 0.45 0.00 | 17.83 0.46 0.00 | 17.36 0.48 0.00 | 16.16 0.39 -3.37 | 16.92 0.49 -0.61 | 18.05 0.57 0.00 | 20.34 0.63 0.00 | 21.54 0.65 0.00 | 23.72 0.71 0.00 | 21.26 0.61 0.00 | 21.10 0.60 0.00 | 18.20 0.55 0.00 |
| ALTONA_WT_PWR 323606 | 18.90 0.11 0.00 | 17.83 -0.12 0.00 | 14.53 -0.07 0.00 | 7.55 -0.01 0.00 | 16.12 0.00 0.00 | 15.71 0.05 0.00 | 19.44 0.17 0.00 | 16.79 0.20 1.15 | 11.56 0.17 0.00 | -2.55 -0.13 0.00 | 19.33 0.52 0.00 | 19.73 0.50 0.00 | 19.03 0.45 0.00 | 17.72 0.36 0.00 | 17.18 0.31 0.00 | 12.63 0.23 0.00 | 16.11 0.29 0.00 | 17.76 0.27 0.00 | 20.09 0.39 0.00 | 21.25 0.37 0.00 | 23.39 0.37 0.00 | 20.88 0.23 0.00 | 20.60 0.10 0.00 | 17.68 0.03 0.00 |
| AMERICAN_REF_FUEL 24010 | 17.69 -1.10 0.00 | 16.83 -1.12 0.00 | 14.01 -1.03 -0.44 | 8.60 -0.54 -1.59 | 14.97 -1.16 -0.01 | 14.56 -1.09 0.00 | 18.01 -1.26 0.00 | 16.06 -1.42 0.27 | 10.46 -0.94 0.00 | -2.50 -0.08 0.00 | 17.05 -1.76 0.00 | 17.37 -1.87 -0.01 | 16.81 -1.77 0.00 | 15.69 -1.68 0.00 | 15.11 -1.77 0.00 | 11.49 -1.37 -0.46 | 14.04 -1.86 -0.08 | 15.70 -1.79 0.00 | 17.84 -1.87 0.00 | 18.99 -1.89 0.00 | 20.91 -2.10 0.00 | 19.04 -1.61 0.00 | 18.89 -1.61 0.00 | 16.38 -1.27 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 18.73 -0.06 0.00 | 17.91 -0.04 0.00 | 14.97 -0.12 -0.50 | 9.29 -0.06 -1.80 | 16.04 -0.09 -0.01 | 15.65 -0.01 0.00 | 19.47 0.19 0.00 | 17.62 0.00 0.13 | 11.37 -0.02 0.00 | -2.70 -0.28 0.00 | 18.96 0.15 0.00 | 19.52 0.08 -0.22 | 18.67 0.08 0.00 | 17.44 0.05 -0.02 | 16.74 -0.15 -0.01 | 12.55 -0.37 -0.52 | 15.35 -0.56 -0.10 | 17.08 -0.40 0.00 | 19.33 -0.38 0.00 | 20.50 -0.38 0.00 | 22.59 -0.43 0.00 | 20.43 -0.22 0.00 | 20.18 -0.31 0.00 | 17.46 -0.19 0.00 |
| ARTHUR_KILL_GT_1 23520 | 19.76 0.96 0.00 | 18.89 0.95 0.00 | 17.89 0.79 -2.50 | 17.03 0.40 -9.07 | 17.04 0.86 -0.07 | 16.49 0.83 0.00 | 20.34 1.07 0.00 | 18.78 1.04 0.00 | 30.12 0.73 -17.99 | 45.18 -0.01 -47.61 | 20.21 1.39 -0.01 | 20.65 1.41 -0.01 | 19.98 1.39 -0.01 | 18.67 1.30 -0.01 | 18.19 1.30 -0.01 | 16.08 0.97 -2.72 | 17.53 1.22 -0.50 | 18.80 1.31 -0.01 | 21.16 1.46 0.00 | 22.37 1.49 0.00 | 24.65 1.63 0.00 | 22.06 1.41 0.00 | 21.94 1.44 0.00 | 18.90 1.25 0.00 |
| ARTHUR_KILL_2 23512 | 19.71 0.92 0.00 | 18.85 0.90 0.00 | 17.86 0.76 -2.50 | 17.01 0.39 -9.07 | 17.00 0.82 -0.07 | 16.45 0.79 0.00 | 20.29 1.02 0.00 | 18.74 0.99 0.00 | 30.09 0.70 -17.99 | 45.19 -0.01 -47.61 | 20.17 1.35 -0.01 | 20.61 1.37 -0.01 | 19.94 1.36 -0.01 | 18.64 1.26 -0.01 | 18.15 1.27 -0.01 | 16.06 0.93 -2.72 | 17.49 1.18 -0.50 | 18.76 1.27 -0.01 | 21.11 1.40 0.00 | 22.32 1.44 0.00 | 24.59 1.57 0.00 | 22.02 1.37 0.00 | 21.88 1.39 0.00 | 18.85 1.21 0.00 |
| ARTHUR_KILL_3 23513 | 19.73 0.94 0.00 | 18.86 0.91 0.00 | 17.85 0.75 -2.50 | 17.01 0.38 -9.07 | 17.00 0.81 -0.07 | 16.42 0.77 0.00 | 20.25 0.98 0.00 | 18.75 1.01 0.00 | 30.13 0.73 -18.00 | 45.20 -0.01 -47.62 | 20.13 1.32 0.00 | 20.58 1.35 0.00 | 19.98 1.40 0.00 | 18.71 1.35 0.00 | 18.22 1.33 0.00 | 16.09 0.98 -2.71 | 17.54 1.24 -0.49 | 18.77 1.29 0.00 | 21.11 1.40 0.00 | 22.28 1.40 0.00 | 24.54 1.52 0.00 | 21.97 1.32 0.00 | 21.85 1.36 0.00 | 18.82 1.18 0.00 |
| ARTHUR_KILL_COGEN 323718 | 19.76 0.96 0.00 | 18.89 0.95 0.00 | 17.89 0.79 -2.50 | 17.03 0.40 -9.07 | 17.04 0.86 -0.07 | 16.49 0.83 0.00 | 20.34 1.07 0.00 | 18.78 1.04 0.00 | 30.12 0.73 -17.99 | 45.18 -0.01 -47.61 | 20.21 1.39 -0.01 | 20.65 1.41 -0.01 | 19.98 1.39 -0.01 | 18.67 1.30 -0.01 | 18.19 1.30 -0.01 | 16.08 0.97 -2.72 | 17.53 1.22 -0.50 | 18.80 1.31 -0.01 | 21.16 1.46 0.00 | 22.37 1.49 0.00 | 24.65 1.63 0.00 | 22.06 1.41 0.00 | 21.94 1.44 0.00 | 18.90 1.25 0.00 |
| ASHOKAN____ 23654 | 19.63 0.84 0.00 | 18.80 0.85 0.00 | 18.01 0.65 -2.76 | 17.86 0.30 -10.00 | 16.95 0.75 -0.07 | 16.36 0.70 0.00 | 20.13 0.86 0.00 | 18.55 0.81 0.00 | 11.84 0.45 0.00 | -2.43 -0.01 0.00 | 19.43 0.62 0.00 | 19.89 0.65 0.00 | 19.26 0.68 0.00 | 18.09 0.72 0.00 | 17.60 0.72 0.00 | 15.91 0.52 -2.99 | 17.16 0.81 -0.54 | 18.42 0.94 0.00 | 20.74 1.04 0.00 | 22.01 1.13 0.00 | 24.28 1.27 0.00 | 21.71 1.06 0.00 | 21.51 1.01 0.00 | 18.57 0.92 0.00 |

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| ASTORIA_EAST_ENERGY_CC1 323581 | 19.80 1.01 0.00 | 18.95 1.01 0.00 | 17.95 0.85 -2.50 | 17.05 0.43 -9.07 | 17.09 0.90 -0.07 | 16.50 0.84 0.00 | 20.38 1.11 0.00 | 18.86 1.12 0.00 | 30.18 0.79 -18.00 | 45.19 0.00 -47.61 | 20.18 1.36 -0.01 | 20.65 1.40 -0.01 | 20.03 1.44 -0.01 | 18.76 1.39 0.00 | 18.26 1.38 0.00 | 16.13 1.02 -2.71 | 17.58 1.28 -0.48 | 18.80 1.32 0.00 | 21.10 1.39 0.00 | 22.28 1.41 0.01 | 24.55 1.54 0.01 | 21.97 1.32 0.00 | 21.86 1.36 0.00 | 18.82 1.17 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 19.80 1.01 0.00 | 18.95 1.01 0.00 | 17.95 0.85 -2.50 | 17.05 0.43 -9.07 | 17.09 0.90 -0.07 | 16.50 0.84 0.00 | 20.38 1.11 0.00 | 18.86 1.12 0.00 | 30.18 0.79 -18.00 | 45.19 0.00 -47.61 | 20.18 1.36 -0.01 | 20.65 1.40 -0.01 | 20.03 1.44 -0.01 | 18.76 1.39 0.00 | 18.26 1.38 0.00 | 16.13 1.02 -2.71 | 17.58 1.28 -0.48 | 18.80 1.32 0.00 | 21.10 1.39 0.00 | 22.28 1.41 0.01 | 24.55 1.54 0.01 | 21.97 1.32 0.00 | 21.86 1.36 0.00 | 18.82 1.17 0.00 |
| ASTORIA_GT2_1 24094 | 19.81 1.02 0.00 | 18.96 1.01 0.00 | 17.96 0.86 -2.50 | 17.06 0.44 -9.07 | 17.10 0.91 -0.07 | 16.51 0.85 0.00 | 20.39 1.12 0.00 | 18.87 1.12 0.00 | 30.19 0.79 -18.00 | 45.19 0.00 -47.61 | 20.19 1.37 -0.01 | 20.66 1.41 -0.01 | 20.04 1.45 -0.01 | 18.76 1.39 0.00 | 18.26 1.39 0.00 | 16.14 1.03 -2.71 | 17.59 1.29 -0.48 | 18.81 1.33 0.00 | 21.11 1.41 0.00 | 22.30 1.42 0.01 | 24.56 1.55 0.01 | 21.99 1.34 0.00 | 21.87 1.37 0.00 | 18.82 1.17 0.00 |
| ASTORIA_GT2_2 24095 | 19.81 1.02 0.00 | 18.96 1.01 0.00 | 17.96 0.86 -2.50 | 17.06 0.44 -9.07 | 17.10 0.91 -0.07 | 16.51 0.85 0.00 | 20.39 1.12 0.00 | 18.87 1.12 0.00 | 30.19 0.79 -18.00 | 45.19 0.00 -47.61 | 20.19 1.37 -0.01 | 20.66 1.41 -0.01 | 20.04 1.45 -0.01 | 18.76 1.39 0.00 | 18.26 1.39 0.00 | 16.14 1.03 -2.71 | 17.59 1.29 -0.48 | 18.81 1.33 0.00 | 21.11 1.41 0.00 | 22.30 1.42 0.01 | 24.56 1.55 0.01 | 21.99 1.34 0.00 | 21.87 1.37 0.00 | 18.82 1.17 0.00 |
| ASTORIA_GT2_3 24096 | 19.81 1.02 0.00 | 18.96 1.01 0.00 | 17.96 0.86 -2.50 | 17.06 0.44 -9.07 | 17.10 0.91 -0.07 | 16.51 0.85 0.00 | 20.39 1.12 0.00 | 18.87 1.12 0.00 | 30.19 0.79 -18.00 | 45.19 0.00 -47.61 | 20.19 1.37 -0.01 | 20.66 1.41 -0.01 | 20.04 1.45 -0.01 | 18.76 1.39 0.00 | 18.26 1.39 0.00 | 16.14 1.03 -2.71 | 17.59 1.29 -0.48 | 18.81 1.33 0.00 | 21.11 1.41 0.00 | 22.30 1.42 0.01 | 24.56 1.55 0.01 | 21.99 1.34 0.00 | 21.87 1.37 0.00 | 18.82 1.17 0.00 |
| ASTORIA_GT2_4 24097 | 19.81 1.02 0.00 | 18.96 1.01 0.00 | 17.96 0.86 -2.50 | 17.06 0.44 -9.07 | 17.10 0.91 -0.07 | 16.51 0.85 0.00 | 20.39 1.12 0.00 | 18.87 1.12 0.00 | 30.19 0.79 -18.00 | 45.19 0.00 -47.61 | 20.19 1.37 -0.01 | 20.66 1.41 -0.01 | 20.04 1.45 -0.01 | 18.76 1.39 0.00 | 18.26 1.39 0.00 | 16.14 1.03 -2.71 | 17.59 1.29 -0.48 | 18.81 1.33 0.00 | 21.11 1.41 0.00 | 22.30 1.42 0.01 | 24.56 1.55 0.01 | 21.99 1.34 0.00 | 21.87 1.37 0.00 | 18.82 1.17 0.00 |
| ASTORIA_GT3_1 24098 | 19.81 1.02 0.00 | 18.96 1.01 0.00 | 17.96 0.86 -2.50 | 17.06 0.44 -9.07 | 17.10 0.91 -0.07 | 16.51 0.85 0.00 | 20.39 1.12 0.00 | 18.87 1.12 0.00 | 30.19 0.79 -18.00 | 45.19 0.00 -47.61 | 20.19 1.37 -0.01 | 20.66 1.41 -0.01 | 20.04 1.45 -0.01 | 18.76 1.39 0.00 | 18.26 1.39 0.00 | 16.14 1.03 -2.71 | 17.59 1.29 -0.48 | 18.81 1.33 0.00 | 21.11 1.41 0.00 | 22.30 1.42 0.01 | 24.56 1.55 0.01 | 21.99 1.34 0.00 | 21.87 1.37 0.00 | 18.82 1.17 0.00 |
| ASTORIA_GT3_2 24099 | 19.81 1.02 0.00 | 18.96 1.01 0.00 | 17.96 0.86 -2.50 | 17.06 0.44 -9.07 | 17.10 0.91 -0.07 | 16.51 0.85 0.00 | | | | | | | | | | | | | | | | | | |

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| ASTORIA_GT_10 24110 | 19.84 1.05 0.00 | 18.97 1.02 0.00 | 17.94 0.84 -2.50 | 17.05 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.88 0.00 | 20.41 1.14 0.00 | 18.89 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.26 1.44 -0.01 | 20.73 1.49 -0.01 | 20.11 1.52 -0.01 | 167.71 1.44 -148.90 | 26.61 1.44 -8.30 | 23.87 1.07 -10.41 | 19.03 1.35 -1.87 | 18.91 1.42 -0.01 | 21.26 1.55 0.00 | 22.44 1.56 0.00 | 24.71 1.70 0.00 | 22.12 1.46 0.00 | 21.97 1.47 0.00 | 18.90 1.25 0.00 |
| ASTORIA_GT_11 24225 | 19.84 1.05 0.00 | 18.97 1.02 0.00 | 17.94 0.84 -2.50 | 17.05 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.88 0.00 | 20.41 1.14 0.00 | 18.89 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.26 1.44 -0.01 | 20.73 1.49 -0.01 | 20.11 1.52 -0.01 | 167.71 1.44 -148.90 | 26.61 1.44 -8.30 | 23.87 1.07 -10.41 | 19.03 1.35 -1.87 | 18.91 1.42 -0.01 | 21.26 1.55 0.00 | 22.44 1.56 0.00 | 24.71 1.70 0.00 | 22.12 1.46 0.00 | 21.97 1.47 0.00 | 18.90 1.25 0.00 |
| ASTORIA_GT_12 24226 | 19.84 1.05 0.00 | 18.97 1.02 0.00 | 17.94 0.84 -2.50 | 17.05 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.88 0.00 | 20.41 1.14 0.00 | 18.89 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.26 1.44 -0.01 | 20.73 1.48 -0.01 | 20.11 1.52 -0.01 | 167.71 1.44 -148.90 | 26.62 1.44 -8.30 | 23.87 1.07 -10.41 | 19.03 1.35 -1.87 | 18.91 1.42 -0.01 | 21.26 1.55 0.00 | 22.44 1.56 0.00 | 24.72 1.70 0.00 | 22.12 1.47 0.00 | 21.97 1.47 0.00 | 18.90 1.25 0.00 |
| ASTORIA_GT_13 24227 | 19.84 1.05 0.00 | 18.97 1.02 0.00 | 17.94 0.84 -2.50 | 17.05 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.88 0.00 | 20.41 1.14 0.00 | 18.89 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.26 1.44 -0.01 | 20.73 1.48 -0.01 | 20.11 1.52 -0.01 | 167.71 1.44 -148.90 | 26.62 1.44 -8.30 | 23.87 1.07 -10.41 | 19.03 1.35 -1.87 | 18.91 1.42 -0.01 | 21.26 1.55 0.00 | 22.44 1.56 0.00 | 24.72 1.70 0.00 | 22.12 1.47 0.00 | 21.97 1.47 0.00 | 18.90 1.25 0.00 |
| ASTORIA_GT_5 24106 | 19.84 1.05 0.00 | 18.99 1.04 0.00 | 17.98 0.88 -2.50 | 17.07 0.44 -9.07 | 17.12 0.93 -0.07 | 16.53 0.88 0.00 | 20.42 1.15 0.00 | 18.90 1.15 0.00 | 30.21 0.82 -18.00 | 45.18 -0.01 -47.61 | 20.23 1.41 -0.01 | 20.69 1.45 -0.01 | 20.08 1.49 -0.01 | 18.79 1.43 0.00 | 18.30 1.42 0.00 | 16.16 1.06 -2.71 | 17.62 1.32 -0.48 | 18.84 1.36 0.00 | 21.15 1.44 0.00 | 22.33 1.46 0.01 | 24.60 1.59 0.01 | 22.02 1.37 0.00 | 21.90 1.41 0.00 | 18.85 1.20 0.00 |
| ASTORIA_GT_7 24107 | 19.84 1.05 0.00 | 18.99 1.04 0.00 | 17.98 0.88 -2.50 | 17.07 0.44 -9.07 | 17.12 0.93 -0.07 | 16.53 0.88 0.00 | 20.42 1.15 0.00 | 18.90 1.15 0.00 | 30.21 0.82 -18.00 | 45.18 -0.01 -47.61 | 20.23 1.41 -0.01 | 20.69 1.45 -0.01 | 20.08 1.49 -0.01 | 18.79 1.43 0.00 | 18.30 1.42 0.00 | 16.16 1.06 -2.71 | 17.62 1.32 -0.48 | 18.84 1.36 0.00 | 21.15 1.44 0.00 | 22.33 1.46 0.01 | 24.60 1.59 0.01 | 22.02 1.37 0.00 | 21.90 1.41 0.00 | 18.85 1.20 0.00 |
| ASTORIA_GT_8 24108 | 19.84 1.05 0.00 | 18.99 1.04 0.00 | 17.98 0.88 -2.50 | 17.07 0.44 -9.07 | 17.12 0.93 -0.07 | 16.53 0.88 0.00 | 20.42 1.15 0.00 | 18.90 1.15 0.00 | 30.21 0.82 -18.00 | 45.18 -0.01 -47.61 | 20.23 1.41 -0.01 | 20.69 1.45 -0.01 | 20.08 1.49 -0.01 | 18.79 1.43 0.00 | 18.30 1.42 0.00 | 16.16 1.05 -2.71 | 17.62 1.32 -0.48 | 18.84 1.36 0.00 | 21.15 1.44 0.00 | 22.33 1.46 0.01 | 24.60 1.59 0.01 | 22.02 1.37 0.00 | 21.90 1.41 0.00 | 18.85 1.20 0.00 |
| ASTORIA___2 24149 | 19.81 1.02 0.00 | 18.96 1.01 0.00 | 17.96 0.86 -2.50 | 17.06 0.44 -9.07 | 17.10 0.91 -0.07 | 16.51 0.85 0.00 | 20.39 1.12 0.00 | 18.87 1.12 0.00 | 30.19 0.79 -18.00 | 45.19 0.00 -47.61 | 20.19 1.37 -0.01 | 20.65 1.41 -0.01 | 20.04 1.45 -0.01 | 18.76 1.39 0.00 | 18.26 1.39 0.00 | 16.14 1.03 -2.71 | 17.59 1.29 -0.48 | 18.81 1.33 0.00 | 21.11 1.41 0.00 | 22.29 1.42 0.01 | 24.56 1.55 0.01 | 21.99 1.34 0.00 | 21.87 1.37 0.00 | 18.82 1.17 0.00 |
| ASTORIA___3 23516 | 19.84 1.05 0.00 | 18.97 1.02 0.00 | 17.94 0.84 -2.50 | 17.05 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.88 0.00 | 20.41 1.14 0.00 | 18.89 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.26 1.44 -0.01 | 20.73 1.48 -0.01 | 20.11 1.52 -0.01 | 167.71 1.44 -148.90 | 26.62 1.44 -8.30 | 23.87 1.07 -10.41 | 19.03 1.35 -1.87 | 18.91 1.42 -0.01 | 21.26 1.55 0.00 | 22.44 1.56 0.00 | 24.72 1.70 0.00 | 22.12 1.47 0.00 | 21.97 1.47 0.00 | 18.90 1.25 0.00 |
| ASTORIA___4 23517 | 19.84 1.04 0.00 | 18.97 1.02 0.00 | 17.94 0.84 -2.50 | 17.05 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.87 0.00 | 20.41 1.14 0.00 | 18.89 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.26 1.44 -0.01 | 20.73 1.49 -0.01 | 20.11 1.52 -0.01 | 167.71 1.44 -148.90 | 26.61 1.44 -8.30 | 23.87 1.07 -10.41 | 19.03 1.35 -1.87 | 18.91 1.42 -0.01 | 21.26 1.55 0.00 | 22.44 1.56 0.00 | 24.71 1.70 0.00 | 22.12 1.46 0.00 | 21.97 1.47 0.00 | 18.90 1.25 0.00 |
| ASTORIA___5 23518 | 19.84 1.05 0.00 | 18.97 1.02 0.00 | 17.94 0.84 -2.50 | 17.05 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.88 0.00 | 20.41 1.14 0.00 | 18.89 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.26 1.44 -0.01 | 20.73 1.48 -0.01 | 20.11 1.52 -0.01 | 167.71 1.44 -148.90 | 26.62 1.44 -8.30 | 23.87 1.07 -10.41 | 19.03 1.35 -1.87 | 18.91 1.42 -0.01 | 21.26 1.55 0.00 | 22.44 1.56 0.00 | 24.72 1.70 0.00 | 22.12 1.47 0.00 | 21.97 1.47 0.00 | 18.90 1.25 0.00 |
| AST_ENERGY_2_CC3 323677 | 19.75 0.96 0.00 | 18.88 0.93 0.00 | 17.88 0.78 -2.50 | 17.02 0.40 -9.07 | 17.03 0.84 -0.07 | 16.45 0.80 0.00 | 20.29 1.03 0.00 | 18.78 1.04 0.00 | 30.14 0.74 -18.00 | 45.19 -0.02 -47.62 | 20.16 1.35 0.00 | 20.63 1.39 0.00 | 20.01 1.43 0.00 | 18.72 1.35 0.00 | 18.23 1.35 0.00 | 16.11 1.00 -2.71 | 17.57 1.26 -0.49 | 18.80 1.32 0.00 | 21.14 1.43 0.00 | 22.31 1.43 0.00 | 24.56 1.55 0.00 | 21.98 1.33 0.00 | 21.84 1.35 0.00 | 18.80 1.15 0.00 |
| AST_ENERGY_2_CC4 323678 | 19.75 0.96 0.00 | 18.88 0.93 0.00 | 17.88 0.78 -2.50 | 17.02 0.40 -9.07 | 17.03 0.84 -0.07 | 16.45 0.80 0.00 | 20.29 1.03 0.00 | 18.78 1.04 0.00 | 30.14 0.74 -18.00 | 45.19 -0.02 -47.62 | 20.16 1.35 0.00 | 20.63 1.39 0.00 | 20.01 1.43 0.00 | 18.72 1.35 0.00 | 18.23 1.35 0.00 | 16.11 1.00 -2.71 | 17.57 1.26 -0.49 | 18.80 1.32 0.00 | 21.14 1.43 0.00 | 22.31 1.43 0.00 | 24.56 1.55 0.00 | 21.98 1.33 0.00 | 21.84 1.35 0.00 | 18.80 1.15 0.00 |
| ATHENS_STG_1 23668 | 19.36 0.57 0.00 | 18.53 0.58 0.00 | 17.90 0.48 -2.81 | 18.00 0.25 -10.20 | 16.72 0.52 -0.08 | 16.13 0.47 0.00 | 19.84 0.57 0.00 | 18.29 0.55 0.00 | 16.67 0.37 -4.91 | 10.56 -0.02 -13.00 | 19.40 0.59 0.00 | 19.84 0.60 0.00 | 19.18 0.61 0.00 | 17.97 0.61 0.00 | 17.50 0.62 0.00 | 15.93 0.48 -3.05 | 16.97 0.60 -0.55 | 18.15 0.66 0.00 | 20.43 0.72 0.00 | 21.61 0.73 0.00 | 23.81 0.79 0.00 | 21.33 0.68 0.00 | 21.17 0.68 0.00 | 18.25 0.60 0.00 |
| ATHENS_STG_2 23670 | 19.36 0.57 0.00 | 18.53 0.58 0.00 | 17.90 0.48 -2.81 | 18.00 0.25 -10.20 | 16.72 0.52 -0.08 | 16.13 0.47 0.00 | 19.84 0.57 0.00 | 18.29 0.55 0.00 | 16.67 0.37 -4.91 | 10.56 -0.02 -13.00 | 19.40 0.59 0.00 | 19.84 0.60 0.00 | 19.18 0.61 0.00 | 17.97 0.61 0.00 | 17.50 0.62 0.00 | 15.93 0.48 -3.05 | 16.97 0.60 -0.55 | 18.15 0.66 0.00 | 20.43 0.72 0.00 | 21.61 0.73 0.00 | 23.81 0.79 0.00 | 21.33 0.68 0.00 | 21.17 0.68 0.00 | 18.25 0.60 0.00 |

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|---------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------|-------------------------|-------------------------|--------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_3 23677 | 19.36 0.57 0.00 | 18.53 0.58 0.00 | 17.90 0.48 -2.81 | 18.00 0.25 -10.20 | 16.72 0.52 -0.08 | 16.13 0.47 0.00 | 19.84 0.57 0.00 | 18.29 0.55 0.00 | 16.67 0.37 -4.91 | 10.56 -0.02 -13.00 | 19.40 0.59 0.00 | 19.84 0.60 0.00 | 19.18 0.61 0.00 | 17.97 0.61 0.00 | 17.50 0.62 0.00 | 15.93 0.48 -3.05 | 16.97 0.60 -0.55 | 18.15 0.66 0.00 | 20.43 0.72 0.00 | 21.61 0.73 0.00 | 23.81 0.79 0.00 | 21.33 0.68 0.00 | 21.17 0.68 0.00 | 18.25 0.60 0.00 |
| AUBURN____LFGE 323710 | 18.94 0.15 0.00 | 17.99 0.04 0.00 | 15.02 0.05 -0.37 | 8.92 0.03 -1.33 | 16.22 0.09 -0.01 | 15.87 0.22 0.00 | 19.68 0.41 0.00 | 18.66 0.32 -0.60 | 11.50 0.10 0.00 | -2.51 -0.09 0.00 | 18.96 0.15 0.00 | 19.32 0.09 0.00 | 18.68 0.10 0.00 | 17.42 0.05 0.00 | 16.91 0.03 0.00 | 12.79 0.01 -0.38 | 15.85 -0.03 -0.07 | 17.60 0.11 0.00 | 19.94 0.23 0.00 | 21.14 0.25 0.00 | 23.34 0.32 0.00 | 20.96 0.31 0.00 | 20.63 0.13 0.00 | 17.69 0.04 0.00 |
| BABYLON_RES_REC 323704 | 20.20 1.41 0.00 | 19.27 1.33 0.00 | 18.24 1.14 -2.50 | 17.21 0.59 -9.07 | 18.18 1.22 -0.83 | 18.63 1.18 -1.79 | 20.66 1.39 0.00 | 19.07 1.33 0.00 | 30.15 0.92 -17.84 | 44.82 0.05 -47.19 | 20.25 1.44 0.00 | 20.69 1.45 0.00 | 20.04 1.46 0.00 | 18.62 1.35 0.09 | 18.10 1.26 0.03 | 37.83 0.96 -24.47 | 17.47 1.16 -0.49 | 18.54 1.06 0.00 | 20.81 1.10 0.00 | 22.16 1.27 0.00 | 24.54 1.52 0.00 | 21.98 1.33 0.00 | 22.09 1.60 0.00 | 19.08 1.44 0.00 |
| BABYLON__69_KV_BK2 356345 | 20.37 1.58 0.00 | 19.46 1.51 0.00 | 18.41 1.31 -2.50 | 17.28 0.66 -9.07 | 18.36 1.41 -0.84 | 18.79 1.34 -1.79 | 20.82 1.56 0.00 | 19.21 1.46 0.00 | 30.25 1.02 -17.84 | 44.79 0.02 -47.19 | 20.36 1.55 0.00 | 20.80 1.57 0.00 | 20.12 1.54 0.00 | 18.59 1.53 0.30 | 18.22 1.45 0.12 | 38.01 1.13 -24.47 | 17.73 1.43 -0.49 | 18.83 1.34 0.00 | 21.13 1.42 0.00 | 22.45 1.57 0.00 | 24.87 1.86 0.00 | 22.25 1.60 0.00 | 22.29 1.79 0.00 | 19.25 1.60 0.00 |
| BARON_WINDS____WT_PWR 323822 | 18.65 -0.15 0.00 | 17.85 -0.10 0.00 | 15.07 -0.14 -0.61 | 9.71 -0.07 -2.23 | 16.03 -0.11 -0.02 | 15.60 -0.06 0.00 | 19.34 0.07 0.00 | 17.96 -0.06 -0.28 | 11.33 -0.06 0.00 | -2.62 -0.20 0.00 | 18.70 -0.11 0.00 | 19.17 -0.16 -0.10 | 18.44 -0.14 0.00 | 17.26 -0.12 -0.01 | 16.64 -0.25 0.00 | 12.78 -0.29 -0.68 | 15.49 -0.45 -0.12 | 17.16 -0.33 0.00 | 19.37 -0.33 0.00 | 20.55 -0.33 0.00 | 22.69 -0.33 0.00 | 20.48 -0.17 0.00 | 20.26 -0.23 0.00 | 17.50 -0.15 0.00 |
| BARRETT_IC_1 23704 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BARRETT_IC_10 23701 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BARRETT_IC_11 23702 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BARRETT_IC_12 23703 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BARRETT_IC_2 23705 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BARRETT_IC_3 23706 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BARRETT_IC_4 23707 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BARRETT_IC_5 23708 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BARRETT_IC_6 23709 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BARRETT_IC_7 23710 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.31 0.00 | 21.89 1.40 0.00 | 18.94 1.29 0.00 |

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| BARRETT_IC_8 23711 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BARRETT_IC_9 23700 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BARRETT___1 23545 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BARRETT___2 23546 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.11 1.01 -2.50 | 17.14 0.52 -9.07 | 18.07 1.10 -0.84 | 18.47 1.02 -1.79 | 20.45 1.18 0.00 | 18.85 1.11 0.00 | 30.03 0.79 -17.84 | 44.94 0.17 -47.19 | 20.18 1.37 0.00 | 20.67 1.43 0.00 | 20.04 1.46 0.00 | 18.80 1.43 0.00 | 18.26 1.38 0.00 | 37.90 1.03 -24.47 | 17.54 1.23 -0.49 | 18.63 1.15 0.00 | 20.87 1.16 0.00 | 22.21 1.33 0.00 | 24.56 1.55 0.00 | 21.96 1.32 0.00 | 21.89 1.39 0.00 | 18.95 1.30 0.00 |
| BATAVIA___115KV_TB1 55881 | 18.32 -0.47 0.00 | 17.38 -0.57 0.00 | 14.45 -0.58 -0.43 | 8.80 -0.31 -1.55 | 15.48 -0.65 -0.01 | 15.08 -0.58 0.00 | 18.71 -0.56 0.00 | 16.71 -0.75 0.29 | 10.87 -0.53 0.00 | -2.56 -0.14 0.00 | 17.76 -1.05 0.00 | 17.96 -1.26 0.01 | 17.41 -1.17 0.00 | 16.21 -1.16 0.00 | 15.62 -1.26 0.00 | 11.86 -0.99 -0.45 | 14.53 -1.36 -0.08 | 16.34 -1.15 0.00 | 18.58 -1.12 0.00 | 19.83 -1.05 0.00 | 21.89 -1.13 0.00 | 19.88 -0.77 0.00 | 19.64 -0.85 0.00 | 17.03 -0.62 0.00 |
| BAYONEEC___CTG1 323682 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.89 0.79 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.48 0.83 0.00 | 20.33 1.06 0.00 | 18.82 1.07 0.00 | 30.16 0.77 -18.00 | 45.18 -0.03 -47.62 | 20.18 1.37 0.00 | 20.65 1.42 0.00 | 20.04 1.45 0.00 | 18.76 1.39 0.00 | 18.26 1.38 0.00 | 16.13 1.02 -2.71 | 17.59 1.29 -0.49 | 18.83 1.35 0.00 | 21.17 1.47 0.00 | 22.35 1.47 0.00 | 24.61 1.59 0.00 | 22.02 1.37 0.00 | 21.89 1.40 0.00 | 18.85 1.20 0.00 |
| BAYONEEC___CTG10 323750 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.89 0.79 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.48 0.83 0.00 | 20.33 1.06 0.00 | 18.82 1.07 0.00 | 30.16 0.77 -18.00 | 45.18 -0.03 -47.62 | 20.18 1.37 0.00 | 20.65 1.42 0.00 | 20.04 1.45 0.00 | 18.76 1.39 0.00 | 18.26 1.38 0.00 | 16.13 1.02 -2.71 | 17.59 1.29 -0.49 | 18.83 1.35 0.00 | 21.17 1.47 0.00 | 22.35 1.47 0.00 | 24.61 1.59 0.00 | 22.02 1.37 0.00 | 21.89 1.40 0.00 | 18.85 1.20 0.00 |
| BAYONEEC___CTG2 323683 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.89 0.79 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.48 0. | | | | | | | | | | | | | | | | | | |

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|---|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|-------------------------|------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BEACON___LESR 323632 | 19.66 0.87 0.00 | 18.70 0.74 0.00 | 18.32 0.62 -3.09 | 19.11 0.33 -11.23 | 16.87 0.66 -0.08 | 16.27 0.61 0.00 | 20.03 0.76 0.00 | 18.47 0.73 0.00 | 15.74 0.38 -3.97 | 8.08 0.00 -10.49 | 19.29 0.48 0.00 | 19.73 0.50 0.00 | 19.12 0.54 0.00 | 17.87 0.50 0.00 | 17.43 0.55 0.00 | 16.18 0.43 -3.35 | 16.99 0.57 -0.61 | 18.19 0.71 0.00 | 20.52 0.82 0.00 | 21.65 0.77 0.00 | 23.92 0.90 0.00 | 21.34 0.70 0.00 | 21.18 0.68 0.00 | 18.30 0.65 0.00 |
| BEAVER RIVER___HYD 24048 | 18.99 0.19 0.00 | 17.98 0.03 0.00 | 14.74 0.02 -0.12 | 8.03 0.04 -0.43 | 16.27 0.15 0.00 | 15.90 0.24 0.00 | 19.69 0.42 0.00 | 19.55 0.33 -1.48 | 11.53 0.13 0.00 | -2.46 -0.04 0.00 | 18.80 -0.01 0.00 | 19.10 -0.14 0.00 | 18.42 -0.15 0.00 | 17.16 -0.21 0.00 | 16.59 -0.29 0.00 | 12.31 -0.22 -0.13 | 15.57 -0.27 -0.02 | 17.24 -0.25 0.00 | 19.57 -0.14 0.00 | 20.96 0.07 0.00 | 23.34 0.32 0.00 | 21.06 0.41 0.00 | 20.87 0.37 0.00 | 17.96 0.31 0.00 |
| BEEBEE_GT_13 23619 | 18.39 -0.40 0.00 | 17.50 -0.45 0.00 | 14.51 -0.44 -0.35 | 8.61 -0.23 -1.28 | 15.63 -0.50 -0.01 | 15.25 -0.41 0.00 | 18.87 -0.40 0.00 | 16.83 -0.51 0.41 | 11.03 -0.37 0.00 | -2.49 -0.07 0.00 | 18.10 -0.72 0.00 | 18.43 -0.78 0.02 | 17.85 -0.73 0.00 | 16.67 -0.70 0.00 | 16.11 -0.77 0.00 | 12.14 -0.63 -0.37 | 15.04 -0.84 -0.07 | 16.77 -0.71 0.00 | 19.02 -0.69 0.00 | 20.22 -0.66 0.00 | 22.30 -0.72 0.00 | 20.12 -0.53 0.00 | 19.90 -0.60 0.00 | 17.15 -0.50 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 19.92 1.13 0.00 | 19.04 1.09 0.00 | 17.99 0.89 -2.50 | 17.08 0.45 -9.07 | 17.15 0.96 -0.07 | 16.60 0.94 0.00 | 20.49 1.23 0.00 | 18.97 1.23 0.00 | 30.26 0.87 -18.00 | 45.15 -0.05 -47.61 | 20.38 1.56 -0.01 | 20.86 1.61 -0.01 | 20.22 1.64 -0.01 | 167.87 1.55 -148.96 | 26.72 1.54 -8.30 | 23.95 1.14 -10.41 | 19.13 1.45 -1.87 | 19.03 1.54 -0.01 | 21.39 1.69 0.00 | 22.60 1.72 0.00 | 24.90 1.88 0.00 | 22.27 1.62 0.00 | 22.13 1.63 0.00 | 19.02 1.38 0.00 |
| BETHLEHEM___GRP 23843 | 19.48 0.69 0.00 | 18.63 0.68 0.00 | 18.27 0.57 -3.10 | 19.09 0.29 -11.25 | 16.80 0.60 -0.08 | 16.19 0.53 0.00 | 19.87 0.60 0.00 | 18.31 0.56 0.00 | 15.62 0.27 -3.95 | 8.03 0.00 -10.45 | 19.09 0.27 0.00 | 19.52 0.29 0.00 | 18.85 0.28 0.00 | 17.70 0.33 0.00 | 17.25 0.37 0.00 | 16.08 0.32 -3.36 | 16.82 0.40 -0.61 | 17.96 0.48 0.00 | 20.21 0.51 0.00 | 21.40 0.51 0.00 | 23.54 0.52 0.00 | 21.08 0.43 0.00 | 20.94 0.44 0.00 | 18.07 0.42 0.00 |
| BETHLEHEM___GS1 323560 | 19.49 0.69 0.00 | 18.63 0.68 0.00 | 18.28 0.57 -3.10 | 19.09 0.29 -11.25 | 16.80 0.60 -0.08 | 16.19 0.53 0.00 | 19.87 0.60 0.00 | 18.31 0.56 0.00 | 15.62 0.27 -3.95 | 8.03 0.00 -10.45 | 19.09 0.28 0.00 | 19.52 0.29 0.00 | 18.85 0.28 0.00 | 17.69 0.33 0.00 | 17.25 0.37 0.00 | 16.08 0.32 -3.36 | 16.82 0.40 -0.61 | 17.96 0.48 0.00 | 20.21 0.51 0.00 | 21.40 0.52 0.00 | 23.54 0.52 0.00 | 21.08 0.43 0.00 | 20.93 0.44 0.00 | 18.07 0.42 0.00 |
| BETHLEHEM___GS2 323561 | 19.49 0.69 0.00 | 18.63 0.68 0.00 | 18.28 0.57 -3.10 | 19.09 0.29 -11.25 | 16.80 0.60 -0.08 | 16.19 0.53 0.00 | 19.87 0.60 0.00 | 18.31 0.56 0.00 | 15.62 0.27 -3.95 | 8.03 0.00 -10.45 | 19.09 0.28 0.00 | 19.52 0.29 0.00 | 18.85 0.28 0.00 | 17.69 0.33 0.00 | 17.25 0.37 0.00 | 16.08 0.32 -3.36 | 16.82 0.40 -0.61 | 17.96 0.48 0.00 | 20.21 0.51 0.00 | 21.40 0.52 0.00 | 23.54 0.52 0.00 | 21.08 0.43 0.00 | 20.93 0.44 0.00 | 18.07 0.42 0.00 |
| BETHLEHEM___GS3 323562 | 19.49 0.69 0.00 | 18.63 0.68 0.00 | 18.28 0.57 -3.10 | 19.09 0.29 -11.25 | 16.80 0.60 -0.08 | 16.19 0.53 0.00 | 19.87 0.60 0.00 | 18.31 0.56 0.00 | 15.62 0.27 -3.95 | 8.03 0.00 -10.45 | 19.09 0.28 0.00 | 19.52 0.29 0.00 | 18.85 0.28 0.00 | 17.69 0.33 0.00 | 17.25 0.37 0.00 | 16.08 0.32 -3.36 | 16.82 0.40 -0.61 | 17.96 0.48 0.00 | 20.21 0.51 0.00 | 21.40 0.52 0.00 | 23.54 0.52 0.00 | 21.08 0.43 0.00 | 20.93 0.44 0.00 | 18.07 0.42 0.00 |
| BETHLEHEM___STEEL 23779 | 18.41 -0.39 0.00 | 17.53 -0.42 0.00 | 14.62 -0.46 -0.47 | 9.02 -0.24 -1.71 | 15.62 -0.51 -0.01 | 15.20 -0.46 0.00 | 18.85 -0.42 0.00 | 16.92 -0.60 0.23 | 10.99 -0.40 0.00 | -2.60 -0.18 0.00 | 18.09 -0.73 0.00 | 18.64 -0.82 -0.22 | 17.82 -0.76 0.00 | 16.63 -0.76 -0.02 | 16.01 -0.88 -0.01 | 12.12 -0.77 -0.50 | 14.84 -1.07 -0.09 | 16.58 -0.90 0.00 | 18.77 -0.93 0.00 | 19.94 -0.94 0.00 | 21.99 -1.03 0.00 | 19.94 -0.71 0.00 | 19.73 -0.76 0.00 | 17.10 -0.55 0.00 |
| BETHLHEM_115KV_TB1 79974 | 19.46 0.67 0.00 | 18.61 0.67 0.00 | 18.25 0.55 -3.10 | 19.08 0.28 -11.24 | 16.79 0.58 -0.08 | 16.18 0.52 0.00 | 19.85 0.59 0.00 | 18.30 0.56 0.00 | 15.61 0.28 -3.94 | 7.99 -0.01 -10.42 | 19.12 0.31 0.00 | 19.56 0.32 0.00 | 18.89 0.31 0.00 | 17.73 0.36 0.00 | 17.27 0.39 0.00 | 16.09 0.33 -3.36 | 16.84 0.42 -0.61 | 17.98 0.49 0.00 | 20.24 0.53 0.00 | 21.42 0.54 0.00 | 23.57 0.55 0.00 | 21.11 0.46 0.00 | 20.97 0.47 0.00 | 18.09 0.44 0.00 |
| BETHPAGE_CC_5 323564 | 20.16 1.37 0.00 | 19.25 1.30 0.00 | 18.21 1.10 -2.50 | 17.20 0.57 -9.07 | 18.14 1.20 -0.82 | 18.59 1.14 -1.79 | 20.62 1.35 0.00 | 19.04 1.29 0.00 | 30.14 0.91 -17.84 | 44.82 0.04 -47.19 | 20.28 1.47 0.00 | 20.74 1.51 0.00 | 20.09 1.51 0.00 | 18.83 1.47 0.00 | 18.26 1.38 0.00 | 37.94 1.06 -24.47 | 17.62 1.32 -0.49 | 18.74 1.26 0.00 | 21.01 1.30 0.00 | 22.29 1.41 0.00 | 24.66 1.64 0.00 | 22.06 1.42 0.00 | 22.05 1.55 0.00 | 19.05 1.41 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 18.46 -0.33 0.00 | 17.59 -0.36 0.00 | 14.66 -0.41 -0.48 | 9.06 -0.22 -1.73 | 15.68 -0.45 -0.01 | 15.26 -0.40 0.00 | 18.92 -0.34 0.00 | 17.00 -0.53 0.22 | 11.03 -0.36 0.00 | -2.61 -0.19 0.00 | 18.19 -0.63 0.00 | 18.73 -0.72 -0.22 | 17.92 -0.66 0.00 | 16.72 -0.68 -0.02 | 16.09 -0.79 -0.01 | 12.18 -0.72 -0.50 | 14.91 -1.00 -0.09 | 16.65 -0.83 0.00 | 18.85 -0.86 0.00 | 20.02 -0.86 0.00 | 22.08 -0.94 0.00 | 20.02 -0.63 0.00 | 19.81 -0.68 0.00 | 17.17 -0.48 0.00 |
| BINGHAMTON___COGEN 23790 | 19.00 0.21 0.00 | 18.17 0.22 0.00 | 15.57 0.13 -0.84 | 10.65 0.07 -3.03 | 16.31 0.17 -0.02 | 15.84 0.19 0.00 | 19.61 0.34 0.00 | 18.15 0.26 -0.15 | 11.54 0.15 0.00 | -2.55 -0.12 0.00 | 19.05 0.24 0.00 | 19.47 0.22 -0.02 | 18.79 0.21 0.00 | 17.60 0.23 0.00 | 17.05 0.17 0.00 | 13.41 0.09 -0.92 | 16.07 0.09 -0.17 | 17.66 0.18 0.00 | 19.91 0.21 0.00 | 21.09 0.21 0.00 | 23.28 0.26 0.00 | 20.92 0.27 0.00 | 20.70 0.21 0.00 | 17.84 0.19 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 18.69 -0.11 0.00 | 17.89 -0.06 0.00 | 14.97 -0.13 -0.50 | 9.31 -0.06 -1.81 | 16.07 -0.07 -0.01 | 15.63 -0.02 0.00 | 19.43 0.16 0.00 | 17.61 -0.03 0.11 | 11.35 -0.04 0.00 | -2.68 -0.26 0.00 | 18.91 0.10 0.00 | 19.44 0.00 -0.20 | 18.60 0.02 0.00 | 17.36 -0.03 -0.02 | 16.69 -0.20 -0.01 | 12.51 -0.42 -0.53 | 15.29 -0.62 -0.10 | 17.05 -0.43 0.00 | 19.25 -0.45 0.00 | 20.46 -0.42 0.00 | 22.57 -0.45 0.00 | 20.41 -0.24 0.00 | 20.23 -0.27 0.00 | 17.56 -0.09 0.00 |
| BLACK RIVER___HYD 24047 | 19.01 0.22 0.00 | 17.97 0.02 0.00 | 14.78 0.01 -0.16 | 8.19 0.04 -0.60 | 16.29 0.16 0.00 | 15.95 0.30 0.00 | 19.78 0.52 0.00 | 19.16 0.38 -1.04 | 11.52 0.13 0.00 | -2.46 -0.04 0.00 | 18.67 -0.14 0.00 | 18.96 -0.27 0.00 | 18.30 -0.28 0.00 | 17.06 -0.31 0.00 | 16.51 -0.37 0.00 | 12.30 -0.28 -0.18 | 15.48 -0.36 -0.03 | 17.17 -0.31 0.00 | 19.53 -0.18 0.00 | 20.97 0.09 0.00 | 23.48 0.47 0.00 | 21.17 0.52 0.00 | 20.93 0.44 0.00 | 18.01 0.36 0.00 |

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| BLACKRVR_115KV_TB2 79977 | 19.02 0.22 0.00 | 17.97 0.02 0.00 | 14.78 0.02 -0.16 | 8.19 0.04 -0.60 | 16.29 0.16 0.00 | 15.95 0.29 0.00 | 19.79 0.52 0.00 | 19.16 0.38 -1.04 | 11.52 0.13 0.00 | -2.46 -0.04 0.00 | 18.67 -0.14 0.00 | 18.96 -0.28 0.00 | 18.30 -0.28 0.00 | 17.06 -0.31 0.00 | 16.51 -0.37 0.00 | 12.30 -0.28 -0.18 | 15.49 -0.36 -0.03 | 17.17 -0.31 0.00 | 19.53 -0.17 0.00 | 20.97 0.09 0.00 | 23.48 0.47 0.00 | 21.17 0.52 0.00 | 20.93 0.43 0.00 | 18.01 0.36 0.00 |
| BLISS_WT_PWR 323608 | 18.65 -0.14 0.00 | 17.89 -0.06 0.00 | 14.99 -0.11 -0.50 | 9.31 -0.06 -1.81 | 16.09 -0.05 -0.01 | 15.67 0.01 0.00 | 19.46 0.19 0.00 | 17.64 0.00 0.11 | 11.38 -0.02 0.00 | -2.71 -0.29 0.00 | 18.95 0.13 0.00 | 19.49 0.05 -0.20 | 18.64 0.06 0.00 | 17.41 0.02 -0.02 | 16.72 -0.17 -0.01 | 12.52 -0.40 -0.53 | 15.31 -0.61 -0.10 | 17.05 -0.43 0.00 | 19.28 -0.42 0.00 | 20.49 -0.39 0.00 | 22.59 -0.43 0.00 | 20.43 -0.22 0.00 | 20.25 -0.25 0.00 | 17.55 -0.09 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 19.54 0.75 0.00 | 18.70 0.75 0.00 | 18.28 0.63 -3.05 | 18.93 0.32 -11.05 | 16.88 0.68 -0.08 | 16.28 0.62 0.00 | 19.99 0.72 0.00 | 18.40 0.66 0.00 | 15.25 0.36 -3.50 | 6.81 -0.04 -9.27 | 19.26 0.45 0.00 | 19.69 0.46 0.00 | 19.02 0.44 0.00 | 17.83 0.46 0.00 | 17.36 0.48 0.00 | 16.09 0.39 -3.30 | 16.91 0.50 -0.60 | 18.08 0.59 0.00 | 20.37 0.66 0.00 | 21.57 0.69 0.00 | 23.75 0.73 0.00 | 21.28 0.63 0.00 | 21.12 0.62 0.00 | 18.22 0.58 0.00 |
| BOC_GAS_DRP 24189 | 19.35 0.56 0.00 | 18.51 0.56 0.00 | 18.17 0.47 -3.09 | 19.02 0.24 -11.22 | 16.71 0.50 -0.08 | 16.11 0.45 0.00 | 19.79 0.52 0.00 | 18.24 0.49 0.00 | 15.56 0.29 -3.88 | 7.83 -0.01 -10.26 | 19.21 0.40 0.00 | 19.65 0.42 0.00 | 18.98 0.41 0.00 | 17.79 0.43 0.00 | 17.33 0.45 0.00 | 16.11 0.36 -3.35 | 16.87 0.45 -0.60 | 18.00 0.51 0.00 | 20.26 0.56 0.00 | 21.45 0.57 0.00 | 23.63 0.61 0.00 | 21.17 0.52 0.00 | 21.02 0.52 0.00 | 18.13 0.48 0.00 |
| BOONVILLE_115KV_TB1 79983 | 19.09 0.30 0.00 | 18.17 0.22 0.00 | 14.87 0.16 -0.10 | 8.03 0.10 -0.38 | 16.38 0.25 0.00 | 15.93 0.28 0.00 | 19.71 0.44 0.00 | 18.67 0.36 -0.57 | 11.58 0.18 0.00 | -2.47 -0.05 0.00 | 19.02 0.21 0.00 | 19.38 0.15 0.00 | 18.72 0.14 0.00 | 17.48 0.12 0.00 | 16.96 0.08 0.00 | 12.56 0.05 -0.11 | 15.91 0.08 -0.02 | 17.62 0.13 0.00 | 19.95 0.24 0.00 | 21.27 0.39 0.00 | 23.54 0.52 0.00 | 21.15 0.51 0.00 | 20.94 0.44 0.00 | 18.04 0.40 0.00 |
| BORALEX_4TH_BRANCH 23824 | 19.66 0.87 0.00 | 18.78 0.83 0.00 | 18.40 0.71 -3.09 | 19.15 0.37 -11.23 | 16.98 0.78 -0.08 | 16.32 0.67 0.00 | 20.01 0.74 0.00 | 18.38 0.64 0.00 | 16.13 0.39 -4.35 | 9.04 -0.04 -11.50 | 19.37 0.56 0.00 | 19.81 0.58 0.00 | 19.10 0.53 0.01 | 17.90 0.53 0.00 | 17.42 0.54 0.00 | 16.17 0.42 -3.35 | 16.92 0.50 -0.61 | 18.12 0.63 0.00 | 20.43 0.72 0.00 | 21.78 0.90 0.00 | 24.08 1.06 0.00 | 21.56 0.91 0.00 | 21.42 0.93 0.00 | 18.44 0.80 0.00 |
| BOWLINE___1 23526 | 19.65 0.86 0.00 | 18.77 0.82 0.00 | 17.71 0.68 -2.42 | 16.69 0.35 -8.78 | 16.92 0.74 -0.07 | 16.37 0.71 0.00 | 20.17 0.90 0.00 | 18.65 0.90 0.00 | -18.45 0.63 30.47 | -83.06 -0.03 80.61 | 19.90 1.09 0.00 | 20.37 1.14 0.00 | 19.76 1.18 0.00 | 18.51 1.14 0.00 | 18.02 1.14 0.00 | 15.88 0.86 -2.63 | 17.37 1.08 -0.47 | 18.62 1.14 0.00 | 20.93 1.23 0.00 | 22.12 1.24 0.00 | 24.36 1.35 0.00 | 21.80 1.15 0.00 | 21.64 1.14 0.00 | 18.63 0.98 0.00 |
| BOWLINE___2 23595 | 19.65 0.86 0.00 | 18.77 0.82 0.00 | 17.71 0.68 -2.42 | 16.69 0.35 -8.78 | 16.92 0.74 -0.07 | 16.37 0.71 0.00 | 20.17 0.90 0.00 | 18.65 0.90 0.00 | -18.47 0.63 30.50 | -83.13 -0.03 80.68 | 19.90 1.09 0.00 | 20.37 1.14 0.00 | 19.76 1.18 0.00 | 18.51 1.14 0.00 | 18.02 1.14 0.00 | 15.88 0.86 -2.63 | 17.37 1.08 -0.47 | 18.62 1.14 0.00 | 20.93 1.23 0.00 | 22.12 1.24 0.00 | 24.37 1.35 0.00 | 21.80 1.15 0.00 | 21.64 1.14 0.00 | 18.63 0.98 0.00 |
| BRADY___115KV_TB2 356060 | 18.79 0.00 0.00 | 17.91 -0.04 0.00 | 14.58 -0.02 0.00 | 7.55 0.00 0.00 | 16.13 0.01 0.00 | 15.68 0.02 0.00 | 19.26 -0.01 0.00 | 21.66 0.02 -3.89 | 11.43 0.03 0.00 | -2.44 -0.03 0.00 | 18.93 0.12 0.00 | 19.22 -0.01 0.00 | 18.54 -0.04 0.00 | 17.21 -0.15 0.00 | 16.65 -0.23 0.00 | 12.22 -0.17 0.00 | 15.62 -0.20 0.00 | 17.23 -0.26 0.00 | 19.41 -0.29 0.00 | 20.63 -0.25 0.00 | 22.85 -0.17 0.00 | 20.61 -0.04 0.00 | 20.49 -0.01 0.00 | 17.62 -0.03 0.00 |
| BRANSCOMB___SOLAR 323811 | 19.73 0.94 0.00 | 18.82 0.87 0.00 | 18.56 0.76 -3.20 | 19.57 0.40 -11.61 | 17.05 0.85 -0.09 | 16.50 0.84 0.00 | 20.29 1.03 0.00 | 18.66 0.91 0.00 | 15.80 0.53 -3.87 | 7.69 -0.13 -10.24 | 19.64 0.83 0.00 | 20.11 0.87 0.00 | 19.35 0.78 0.00 | 18.13 0.76 0.00 | 17.64 0.76 0.00 | 16.48 0.61 -3.47 | 17.21 0.76 -0.63 | 18.38 0.90 0.00 | 20.76 1.05 0.00 | 22.02 1.14 0.00 | 24.31 1.30 0.00 | 21.80 1.15 0.00 | 21.63 1.13 0.00 | 18.60 0.95 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 20.29 1.50 0.00 | 19.40 1.45 0.00 | 18.36 1.26 -2.50 | 17.26 0.63 -9.07 | 18.33 1.36 -0.85 | 18.72 1.28 -1.79 | 20.74 1.47 0.00 | 19.13 1.39 0.00 | 30.20 0.97 -17.84 | 44.80 0.03 -47.19 | 20.29 1.48 0.00 | 20.73 1.49 0.00 | 20.02 1.44 0.00 | 18.54 1.48 0.31 | 18.18 1.42 0.12 | 37.97 1.10 -24.47 | 17.69 1.39 -0.49 | 18.71 1.23 0.00 | 20.98 1.27 0.00 | 22.26 1.38 0.00 | 24.66 1.65 0.00 | 22.07 1.41 0.00 | 22.18 1.68 0.00 | 19.17 1.53 0.00 |
| BRISTLHL_115KV_TB1 79998 | 18.38 -0.41 0.00 | 17.53 -0.42 0.00 | 14.49 -0.37 -0.25 | 8.29 -0.19 -0.93 | 15.73 -0.40 -0.01 | 15.31 -0.35 0.00 | 18.92 -0.35 0.00 | 17.52 -0.37 -0.15 | 11.13 -0.26 0.00 | -2.41 0.01 0.00 | 18.32 -0.50 0.00 | 18.72 -0.52 0.00 | 18.08 -0.50 0.00 | 16.91 -0.45 0.00 | 16.41 -0.47 0.00 | 12.31 -0.36 -0.27 | 15.39 -0.48 -0.05 | 17.04 -0.44 0.00 | 19.26 -0.45 0.00 | 20.43 -0.44 0.00 | 22.54 -0.47 0.00 | 20.25 -0.40 0.00 | 20.03 -0.46 0.00 | 17.26 -0.39 0.00 |
| BROOKHAVEN___DRP 24191 | 20.19 1.40 0.00 | 19.33 1.38 0.00 | 18.32 1.22 -2.50 | 17.25 0.62 -9.07 | 18.30 1.33 -0.85 | 18.66 1.21 -1.79 | 20.57 1.30 0.00 | 18.93 1.18 0.00 | 30.08 0.85 -17.84 | 44.83 0.05 -47.19 | 19.88 1.07 0.00 | 20.27 1.03 0.00 | 19.61 1.04 0.01 | 16.96 1.05 1.46 | 17.31 1.01 0.58 | 37.70 0.83 -24.47 | 17.38 1.07 -0.49 | 18.47 0.98 0.00 | 20.77 1.06 0.00 | 22.09 1.21 0.00 | 24.48 1.46 0.00 | 21.86 1.21 0.00 | 21.86 1.37 0.00 | 18.97 1.32 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 19.77 0.97 0.00 | 18.89 0.94 0.00 | 17.89 0.79 -2.50 | 17.03 0.40 -9.07 | 17.04 0.85 -0.07 | 16.47 0.81 0.00 | 20.32 1.05 0.00 | 18.81 1.07 0.00 | 30.16 0.76 -18.00 | 45.17 -0.03 -47.62 | 20.16 1.35 0.00 | 20.63 1.39 0.00 | 20.01 1.43 0.00 | 18.74 1.37 0.00 | 18.24 1.36 0.00 | 16.12 1.01 -2.71 | 17.59 1.28 -0.49 | 18.82 1.34 0.00 | 21.18 1.47 0.00 | 22.35 1.47 0.00 | 24.61 1.59 0.00 | 22.01 1.36 0.00 | 21.90 1.40 0.00 | 18.84 1.19 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 19.83 1.04 0.00 | 18.96 1.02 0.00 | 17.93 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |

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| BROOKVLE_69_KV_TB1 55790 | 20.06 1.26 0.00 | 19.17 1.22 0.00 | 18.12 1.02 -2.50 | 17.15 0.52 -9.07 | 17.98 1.11 -0.75 | 18.52 1.07 -1.79 | 20.57 1.30 0.00 | 19.00 1.25 0.00 | 30.11 0.88 -17.84 | 44.78 0.00 -47.19 | 20.33 1.52 0.00 | 20.80 1.57 0.00 | 20.17 1.59 0.00 | 18.91 1.54 0.00 | 18.38 1.50 0.00 | 38.01 1.14 -24.47 | 17.68 1.38 -0.49 | 18.86 1.37 0.00 | 21.15 1.44 0.00 | 22.39 1.51 0.00 | 24.73 1.71 0.00 | 22.11 1.46 0.00 | 21.99 1.49 0.00 | 19.02 1.38 0.00 |
| BROOME_2_LFGE 323671 | 19.00 0.21 0.00 | 18.17 0.22 0.00 | 15.57 0.13 -0.84 | 10.65 0.07 -3.03 | 16.31 0.17 -0.02 | 15.85 0.19 0.00 | 19.61 0.34 0.00 | 18.15 0.26 -0.15 | 11.54 0.15 0.00 | -2.55 -0.13 0.00 | 19.05 0.24 0.00 | 19.47 0.22 -0.02 | 18.80 0.22 0.00 | 17.60 0.23 0.00 | 17.05 0.17 0.00 | 13.41 0.09 -0.92 | 16.07 0.09 -0.17 | 17.66 0.18 0.00 | 19.91 0.21 0.00 | 21.09 0.21 0.00 | 23.28 0.26 0.00 | 20.92 0.27 0.00 | 20.71 0.21 0.00 | 17.84 0.19 0.00 |
| BROOME__LFGE 323600 | 19.00 0.21 0.00 | 18.17 0.22 0.00 | 15.57 0.13 -0.84 | 10.65 0.07 -3.03 | 16.31 0.17 -0.02 | 15.85 0.19 0.00 | 19.61 0.34 0.00 | 18.15 0.26 -0.15 | 11.54 0.15 0.00 | -2.55 -0.13 0.00 | 19.05 0.24 0.00 | 19.47 0.22 -0.02 | 18.80 0.22 0.00 | 17.60 0.23 0.00 | 17.05 0.17 0.00 | 13.41 0.09 -0.92 | 16.07 0.09 -0.17 | 17.66 0.18 0.00 | 19.91 0.21 0.00 | 21.09 0.21 0.00 | 23.28 0.26 0.00 | 20.92 0.27 0.00 | 20.71 0.21 0.00 | 17.84 0.19 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 18.81 0.02 0.00 | 17.86 -0.09 0.00 | 14.62 -0.07 -0.08 | 7.84 -0.02 -0.31 | 16.13 0.00 0.00 | 15.73 0.07 0.00 | 19.43 0.16 0.00 | 20.52 0.13 -2.65 | 11.45 0.05 0.00 | -2.44 -0.02 0.00 | 18.78 -0.03 0.00 | 19.08 -0.16 0.00 | 18.40 -0.18 0.00 | 17.08 -0.29 0.00 | 16.47 -0.41 0.00 | 12.19 -0.30 -0.09 | 15.46 -0.37 -0.02 | 17.07 -0.42 0.00 | 19.31 -0.39 0.00 | 20.62 -0.27 0.00 | 22.94 -0.08 0.00 | 20.75 0.10 0.00 | 20.62 0.12 0.00 | 17.73 0.08 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 19.96 1.16 0.00 | 19.06 1.11 0.00 | 18.01 0.91 -2.50 | 17.09 0.47 -9.07 | 17.18 0.99 -0.07 | 16.62 0.96 0.00 | 20.51 1.24 0.00 | 19.00 1.25 0.00 | 30.28 0.88 -18.00 | 45.15 -0.06 -47.62 | 20.38 1.56 0.00 | 20.85 1.61 0.00 | 20.23 1.64 0.00 | 18.94 1.57 0.00 | 18.43 1.55 0.00 | 16.26 1.15 -2.71 | 17.76 1.45 -0.49 | 19.02 1.54 0.00 | 21.37 1.67 0.00 | 22.57 1.69 0.00 | 24.85 1.84 0.00 | 22.23 1.58 0.00 | 22.09 1.60 0.00 | 19.00 1.35 0.00 |
| BURROWS__LYONSDAL 23803 | 19.06 0.27 0.00 | 18.12 0.17 0.00 | 14.83 0.12 -0.11 | 8.03 0.09 -0.39 | 16.35 0.23 0.00 | 15.92 0.27 0.00 | 19.71 0.44 0.00 | 18.85 0.36 -0.75 | 11.57 0.17 0.00 | -2.46 -0.04 0.00 | 18.98 0.17 0.00 | 19.32 0.09 0.00 | 18.65 0.07 0.00 | 17.41 0.05 0.00 | 16.88 0.00 0.00 | 12.51 -0.01 -0.12 | 15.84 0.00 -0.02 | 17.53 0.05 0.00 | 19.87 0.17 0.00 | 21.21 0.32 0.00 | 23.50 0.49 0.00 | 21.14 0.49 0.00 | 20.93 0.43 0.00 | 18.03 0.39 0.00 |
| CAITHNESS_CC_1 323624 | 20.18 1.38 0.00 | 19.30 1.35 0.00 | 18.29 1.19 -2.50 | 17.24 0.61 -9.07 | 18.26 1.30 -0.85 | 18.63 1.18 -1.79 | 20.56 1.29 0.00 | 18.92 1.18 0.00 | 30.08 0.84 -17.84 | 44.82 0.05 -47.19 | 19.91 1.10 0.00 | 20.30 1.07 0.00 | 19.64 1.07 0.01 | 16.99 1.08 1.46 | 17.35 1.04 0.58 | 37.73 0.85 -24.47 | 17.39 1.09 -0.49 | 18.48 1.00 0.00 | 20.78 1.07 0.00 | 22.09 1.21 0.00 | 24.48 1.47 0.00 | 21.87 1.22 0.00 | 21.86 1.37 0.00 | 18.98 1.33 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 20.15 1.36 0.00 | 19.25 1.30 0.00 | 18.21 1.11 -2.50 | 17.19 0.56 -9.07 | 18.13 1.20 -0.81 | 18.59 1.15 -1.79 | 20.62 1.35 0.00 | 19.04 1.30 0.00 | 30.14 0.91 -17.84 | 44.82 0.04 -47.19 | 20.29 1.48 0.00 | 20.75 1.51 0.00 | 20.11 1.53 0.00 | 18.84 1.47 0.00 | 18.23 1.34 0.00 | 37.91 1.04 -24.47 | 17.59 1.28 -0.49 | 18.70 1.22 0.00 | 20.97 1.27 0.00 | 22.25 1.37 0.00 | 24.61 1.59 0.00 | 22.02 1.37 0.00 | 22.04 1.54 0.00 | 19.03 1.39 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 20.16 1.36 0.00 | 19.24 1.30 0.00 | 18.20 1.10 -2.50 | 17.19 0.57 -9.07 | 18.13 1.20 -0.81 | 18.59 1.14 -1.79 | 20.62 1.35 0.00 | 19.04 1.30 0.00 | 30.14 0.91 -17.84 | 44.82 0.04 -47.19 | 20.29 1.48 0.00 | 20.75 1.51 0.00 | 20.11 1.53 0.00 | 18.84 1.47 0.00 | 18.23 1.34 0.00 | 37.91 1.04 -24.47 | 17.59 1.28 -0.49 | 18.71 1.22 0.00 | 20.97 1.27 0.00 | 22.25 1.37 0.00 | 24.61 1.60 0.00 | 22.02 1.37 0.00 | 22.03 1.53 0.00 | 19.04 1.39 0.00 |
| CALPINE_BP_GT1 23823 | 20.16 1.36 0.00 | 19.24 1.30 0.00 | 18.20 1.10 -2.50 | 17.19 0.57 -9.07 | 18.13 1.20 -0.81 | 18.59 1.14 -1.79 | 20.62 1.35 0.00 | 19.04 1.30 0.00 | 30.14 0.91 -17.84 | 44.82 0.04 -47.19 | 20.29 1.48 0.00 | 20.75 1.51 0.00 | 20.11 1.53 0.00 | 18.84 1.47 0.00 | 18.23 1.34 0.00 | 37.91 1.04 -24.47 | 17.59 1.28 -0.49 | 18.71 1.22 0.00 | 20.97 1.27 0.00 | 22.25 1.37 0.00 | 24.61 1.60 0.00 | 22.02 1.37 0.00 | 22.03 1.53 0.00 | 19.04 1.39 0.00 |
| CALSPAN__DRP 24200 | 18.41 -0.39 0.00 | 17.53 -0.42 0.00 | 14.62 -0.46 -0.47 | 9.02 -0.24 -1.71 | 15.62 -0.51 -0.01 | 15.20 -0.46 0.00 | 18.85 -0.42 0.00 | 16.92 -0.60 0.23 | 10.99 -0.40 0.00 | -2.60 -0.18 0.00 | 18.09 -0.73 0.00 | 18.64 -0.82 -0.22 | 17.82 -0.76 0.00 | 16.63 -0.76 -0.02 | 16.01 -0.88 -0.01 | 12.12 -0.77 -0.50 | 14.84 -1.07 -0.09 | 16.58 -0.90 0.00 | 18.77 -0.93 0.00 | 19.94 -0.94 0.00 | 21.99 -1.03 0.00 | 19.94 -0.71 0.00 | 19.73 -0.76 0.00 | 17.10 -0.55 0.00 |
| CALVERTON__SOLAR 323806 | 20.24 1.45 0.00 | 19.37 1.42 0.00 | 18.35 1.25 -2.50 | 17.27 0.64 -9.07 | 18.34 1.37 -0.85 | 18.69 1.24 -1.79 | 20.61 1.34 0.00 | 18.95 1.21 0.00 | 30.10 0.87 -17.84 | 44.81 0.04 -47.19 | 19.89 1.08 0.00 | 20.27 1.03 0.00 | 19.60 1.03 0.01 | 16.94 1.05 1.47 | 17.31 1.01 0.58 | 37.71 0.84 -24.47 | 17.39 1.08 -0.49 | 18.49 1.01 0.00 | 20.80 1.09 0.00 | 22.12 1.24 0.00 | 24.51 1.49 0.00 | 21.89 1.24 0.00 | 21.87 1.37 0.00 | 18.99 1.34 0.00 |
| CANDIGU_WT_PWR 323617 | 18.65 -0.15 0.00 | 17.85 -0.10 0.00 | 15.07 -0.14 -0.61 | 9.71 -0.07 -2.23 | 16.03 -0.11 -0.02 | 15.60 -0.06 0.00 | 19.34 0.07 0.00 | 17.96 -0.06 -0.28 | 11.33 -0.06 0.00 | -2.62 -0.20 0.00 | 18.70 -0.11 0.00 | 19.17 -0.16 -0.10 | 18.44 -0.14 0.00 | 17.26 -0.12 -0.01 | 16.64 -0.25 0.00 | 12.78 -0.29 -0.68 | 15.49 -0.45 -0.12 | 17.16 -0.33 0.00 | 19.37 -0.33 0.00 | 20.55 -0.33 0.00 | 22.69 -0.33 0.00 | 20.48 -0.17 0.00 | 20.26 -0.23 0.00 | 17.50 -0.15 0.00 |
| CARR STREET_E_SYR 24060 | 18.51 -0.28 0.00 | 17.66 -0.29 0.00 | 14.61 -0.27 -0.28 | 8.42 -0.14 -1.01 | 15.85 -0.28 -0.01 | 15.41 -0.25 0.00 | 19.05 -0.22 0.00 | 17.61 -0.25 -0.12 | 11.22 -0.18 0.00 | -2.44 -0.02 0.00 | 18.48 -0.33 0.00 | 18.88 -0.35 0.00 | 18.25 -0.33 0.00 | 17.07 -0.29 0.00 | 16.57 -0.31 0.00 | 12.44 -0.26 -0.30 | 15.53 -0.34 -0.05 | 17.19 -0.29 0.00 | 19.42 -0.28 0.00 | 20.59 -0.29 0.00 | 22.71 -0.31 0.00 | 20.39 -0.26 0.00 | 20.18 -0.32 0.00 | 17.37 -0.28 0.00 |
| CARTHAGE__PAPER 23857 | 19.09 0.30 0.00 | 18.07 0.12 0.00 | 14.84 0.09 -0.15 | 8.17 0.08 -0.53 | 16.37 0.24 0.00 | 16.00 0.35 0.00 | 19.83 0.57 0.00 | 19.39 0.43 -1.21 | 11.57 0.17 0.00 | -2.46 -0.04 0.00 | 18.77 -0.04 0.00 | 19.07 -0.17 0.00 | 18.39 -0.19 0.00 | 17.13 -0.24 0.00 | 16.58 -0.30 0.00 | 12.33 -0.23 -0.16 | 15.56 -0.29 -0.03 | 17.25 -0.24 0.00 | 19.61 -0.09 0.00 | 21.06 0.17 0.00 | 23.52 0.50 0.00 | 21.21 0.56 0.00 | 21.00 0.50 0.00 | 18.07 0.42 0.00 |

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| CASSADAGA_WT_PWR 323784 | 18.88 0.09 0.00 | 18.08 0.13 0.00 | 15.12 0.02 -0.50 | 9.37 0.01 -1.81 | 16.22 0.08 -0.01 | 15.81 0.16 0.00 | 19.68 0.41 0.00 | 17.85 0.22 0.11 | 11.52 0.13 0.00 | -2.74 -0.32 0.00 | 19.21 0.40 0.00 | 19.78 0.33 -0.21 | 18.91 0.33 0.00 | 17.67 0.28 -0.02 | 16.96 0.07 -0.01 | 12.71 -0.21 -0.52 | 15.56 -0.35 -0.10 | 17.30 -0.18 0.00 | 19.56 -0.14 0.00 | 20.74 -0.15 0.00 | 22.84 -0.18 0.00 | 20.64 -0.01 0.00 | 20.40 -0.09 0.00 | 17.66 0.01 0.00 |
| CE_DUNWOOD___DRP 24194 | 19.72 0.93 0.00 | 18.85 0.90 0.00 | 17.84 0.75 -2.50 | 16.99 0.38 -9.05 | 16.99 0.80 -0.07 | 16.43 0.78 0.00 | 20.25 0.98 0.00 | 18.73 0.99 0.00 | 31.32 0.69 -19.24 | 48.44 -0.03 -50.89 | 20.02 1.21 0.00 | 20.49 1.25 0.00 | 19.86 1.28 0.00 | 18.60 1.24 0.00 | 18.11 1.23 0.00 | 16.03 0.92 -2.71 | 17.47 1.17 -0.49 | 18.71 1.23 0.00 | 21.03 1.33 0.00 | 22.22 1.33 0.00 | 24.47 1.46 0.00 | 21.89 1.24 0.00 | 21.74 1.25 0.00 | 18.72 1.07 0.00 |
| CE_MILLWOOD___DRP 24193 | 19.70 0.90 0.00 | 18.82 0.87 0.00 | 17.83 0.73 -2.50 | 17.00 0.37 -9.08 | 16.97 0.78 -0.07 | 16.41 0.76 0.00 | 20.23 0.96 0.00 | 18.70 0.96 0.00 | 30.71 0.67 -18.65 | 46.88 -0.03 -49.33 | 19.98 1.16 0.00 | 20.44 1.21 0.00 | 19.81 1.23 0.00 | 18.56 1.20 0.00 | 18.07 1.19 0.00 | 15.99 0.90 -2.70 | 17.44 1.13 -0.49 | 18.68 1.20 0.00 | 21.00 1.29 0.00 | 22.18 1.30 0.00 | 24.44 1.42 0.00 | 21.87 1.22 0.00 | 21.70 1.21 0.00 | 18.69 1.04 0.00 |
| CE_NYC2_DRP 24202 | 19.83 1.04 0.00 | 18.97 1.02 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.09 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.14 0.00 | 18.89 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.26 1.44 -0.01 | 20.73 1.49 -0.01 | 20.11 1.52 -0.01 | 167.71 1.44 -148.90 | 26.61 1.44 -8.30 | 23.87 1.07 -10.41 | 19.03 1.35 -1.87 | 18.91 1.42 -0.01 | 21.26 1.55 0.00 | 22.44 1.56 0.00 | 24.71 1.69 0.00 | 22.12 1.46 0.00 | 21.97 1.47 0.00 | 18.90 1.25 0.00 |
| CE_NYC_DRP 24195 | 19.79 1.00 0.00 | 18.92 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.06 0.87 -0.07 | 16.49 0.84 0.00 | 20.34 1.07 0.00 | 18.83 1.08 0.00 | 30.17 0.78 -18.00 | 45.17 -0.03 -47.63 | 20.20 1.38 0.00 | 20.66 1.42 0.00 | 20.04 1.46 0.00 | 18.76 1.39 0.00 | 18.27 1.39 0.00 | 16.14 1.03 -2.71 | 17.61 1.30 -0.49 | 18.85 1.36 0.00 | 21.19 1.48 0.00 | 22.36 1.48 0.00 | 24.62 1.61 0.00 | 22.02 1.37 0.00 | 21.89 1.40 0.00 | 18.84 1.19 0.00 |
| CHAFFEE___LFGE 323603 | 18.43 -0.36 0.00 | 17.58 -0.37 0.00 | 14.67 -0.42 -0.48 | 9.08 -0.23 -1.76 | 15.68 -0.46 -0.01 | 15.27 -0.39 0.00 | 18.93 -0.34 0.00 | 17.05 -0.52 0.17 | 11.04 -0.36 0.00 | -2.63 -0.21 0.00 | 18.31 -0.50 0.00 | 18.87 -0.58 -0.21 | 18.04 -0.54 0.00 | 16.84 -0.55 -0.02 | 16.19 -0.70 -0.01 | 12.18 -0.72 -0.51 | 14.91 -1.00 -0.09 | 16.64 -0.84 0.00 | 18.87 -0.83 0.00 | 20.05 -0.83 0.00 | 22.09 -0.92 0.00 | 20.03 -0.62 0.00 | 19.83 -0.67 0.00 | 17.16 -0.49 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 18.81 0.02 0.00 | 17.75 -0.20 0.00 | 14.47 -0.12 0.00 | 7.50 -0.05 0.00 | 16.04 -0.08 0.00 | 15.61 -0.05 0.00 | 19.27 0.00 0.00 | 16.22 0.06 1.58 | 11.48 0.09 0.00 | -2.52 -0.10 0.00 | 19.18 0.37 0.00 | 19.58 0.35 0.00 | 18.89 0.31 0.00 | 17.58 0.22 0.00 | 17.05 0.17 0.00 | 12.53 0.13 0.00 | 15.99 0.18 0.00 | 17.65 0.16 0.00 | 19.95 0.24 0.00 | 21.13 0.25 0.00 | 23.28 0.26 0.00 | 20.79 0.14 0.00 | 20.52 0.03 0.00 | 17.63 -0.02 0.00 |
| CHATEAUG_WT_PWR 323614 | 18.82 0.03 0.00 | 17.76 -0.19 0.00 | 14.47 -0.13 0.00 | 7.51 -0.04 0.00 | 16.04 -0.08 0.00 | 15.61 -0.04 0.00 | 19.30 0.03 0.00 | 16.69 0.08 1.14 | 11.49 0.10 0.00 | -2.52 -0.10 0.00 | 19.22 0.41 0.00 | 19.63 0.39 0.00 | 18.93 0.35 0.00 | 17.63 0.26 0.00 | 17.09 0.21 0.00 | 12.56 0.16 0.00 | 16.03 0.21 0.00 | 17.67 0.18 0.00 | 19.98 0.28 0.00 | 21.14 0.26 0.00 | 23.28 0.26 0.00 | 20.79 0.14 0.00 | 20.51 0.02 0.00 | 17.62 -0.03 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 18.81 0.02 0.00 | 17.75 -0.20 0.00 | 14.46 -0.14 0.00 | 7.51 -0.04 0.00 | 16.03 -0.09 0.00 | 15.60 -0.05 0.00 | 19.27 0.00 0.00 | 16.22 0.06 1.58 | 11.48 0.09 0.00 | -2.52 -0.10 0.00 | 19.18 0.37 0.00 | 19.58 0.35 0.00 | 18.89 0.31 0.00 | 17.58 0.21 0.00 | 17.05 0.17 0.00 | 12.53 0.13 0.00 | 15.99 0.18 0.00 | 17.65 0.16 0.00 | 19.95 0.24 0.00 | 21.13 0.25 0.00 | 23.28 0.26 0.00 | 20.79 0.14 0.00 | 20.52 0.02 0.00 | 17.63 -0.02 0.00 |
| CHAUTAUQUA___LFGE 323629 | 18.69 -0.10 0.00 | 17.85 -0.10 0.00 | 14.90 -0.19 -0.49 | 9.23 -0.10 -1.78 | 15.95 -0.19 -0.01 | 15.55 -0.11 0.00 | 19.32 0.05 0.00 | 17.44 -0.15 0.15 | 11.28 -0.12 0.00 | -2.67 -0.25 0.00 | 18.73 -0.08 0.00 | 19.31 -0.15 -0.22 | 18.45 -0.14 0.00 | 17.24 -0.15 -0.03 | 16.57 -0.32 -0.01 | 12.45 -0.46 -0.52 | 15.23 -0.68 -0.10 | 16.96 -0.53 0.00 | 19.18 -0.52 0.00 | 20.36 -0.52 0.00 | 22.46 -0.56 0.00 | 20.34 -0.31 0.00 | 20.11 -0.39 0.00 | 17.39 -0.26 0.00 |
| CHERRYST_13_KV_LD 356241 | 19.83 1.04 0.00 | 18.95 1.00 0.00 | 17.93 0.83 -2.50 | 17.05 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.88 0.00 | 20.39 1.12 0.00 | 18.88 1.14 0.00 | 30.21 0.81 -18.00 | 45.17 -0.04 -47.63 | 20.26 1.45 0.00 | 20.73 1.50 0.00 | 20.11 1.53 0.00 | 18.83 1.46 0.00 | 18.33 1.45 0.00 | 16.19 1.08 -2.71 | 17.67 1.36 -0.49 | 18.90 1.42 0.00 | 21.26 1.55 0.00 | 22.43 1.55 0.00 | 24.68 1.66 0.00 | 22.08 1.43 0.00 | 21.95 1.45 0.00 | 18.88 1.23 0.00 |
| CHESTROR_138KV_BK263 355645 | 19.55 0.76 0.00 | 18.68 0.73 0.00 | 17.52 0.61 -2.31 | 16.25 0.31 -8.39 | 16.83 0.65 -0.06 | 16.29 0.63 0.00 | 20.08 0.81 0.00 | 18.54 0.79 0.00 | -8.67 0.55 20.61 | -56.98 -0.03 54.53 | 19.73 0.92 0.00 | 20.19 0.96 0.00 | 19.57 0.98 0.00 | 18.34 0.97 0.00 | 17.85 0.97 0.00 | 15.64 0.73 -2.51 | 17.20 0.93 -0.45 | 18.47 0.99 0.00 | 20.78 1.08 0.00 | 21.97 1.09 0.00 | 24.21 1.19 0.00 | 21.68 1.03 0.00 | 21.51 1.01 0.00 | 18.52 0.87 0.00 |
| CH_MIDHUDSON___DRP 24192 | 19.66 0.87 0.00 | 18.79 0.84 0.00 | 17.84 0.70 -2.54 | 17.11 0.36 -9.20 | 16.94 0.75 -0.07 | 16.39 0.73 0.00 | 20.19 0.92 0.00 | 18.66 0.91 0.00 | 15.09 0.63 -3.07 | 5.66 -0.03 -8.11 | 19.87 1.06 0.00 | 20.33 1.10 0.00 | 19.70 1.12 0.00 | 18.46 1.09 0.00 | 17.97 1.09 0.00 | 15.98 0.83 -2.75 | 17.37 1.06 -0.50 | 18.62 1.13 0.00 | 20.94 1.23 0.00 | 22.13 1.25 0.00 | 24.38 1.37 0.00 | 21.82 1.17 0.00 | 21.64 1.15 0.00 | 18.64 0.99 0.00 |
| CH_MISC_IPPS 23765 | 19.77 0.97 0.00 | 18.89 0.94 0.00 | 17.87 0.78 -2.49 | 16.98 0.40 -9.03 | 17.02 0.84 -0.07 | 16.47 0.81 0.00 | 20.31 1.04 0.00 | 18.77 1.03 0.00 | 12.10 0.70 0.00 | -2.47 -0.05 0.00 | 19.98 1.17 0.00 | 20.46 1.22 0.00 | 19.83 1.25 0.00 | 18.59 1.22 0.00 | 18.09 1.21 0.00 | 16.02 0.92 -2.70 | 17.48 1.18 -0.49 | 18.76 1.27 0.00 | 21.10 1.39 0.00 | 22.30 1.42 0.00 | 24.58 1.56 0.00 | 21.99 1.34 0.00 | 21.80 1.30 0.00 | 18.76 1.11 0.00 |
| CH_RES_BVR_FALLS 23983 | 18.50 -0.29 0.00 | 17.62 -0.34 0.00 | 14.33 -0.27 0.00 | 7.42 -0.13 0.00 | 15.86 -0.25 0.00 | 15.49 -0.17 0.00 | 19.06 -0.21 0.00 | 17.41 -0.19 0.14 | 11.27 -0.12 0.00 | -2.40 0.02 0.00 | 18.64 -0.17 0.00 | 19.06 -0.18 0.00 | 18.39 -0.18 0.00 | 17.15 -0.21 0.00 | 16.66 -0.22 0.00 | 12.24 -0.16 0.00 | 15.63 -0.18 0.00 | 17.26 -0.22 0.00 | 19.45 -0.25 0.00 | 20.63 -0.25 0.00 | 22.73 -0.29 0.00 | 20.38 -0.27 0.00 | 20.23 -0.27 0.00 | 17.44 -0.21 0.00 |

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| CH_RES_NIAGARA 23895 | 17.72 -1.07 0.00 | 16.86 -1.09 0.00 | 14.04 -1.00 -0.44 | 8.58 -0.55 -1.58 | 14.98 -1.15 -0.01 | 14.58 -1.08 0.00 | 18.02 -1.25 0.00 | 16.06 -1.42 0.26 | 10.47 -0.93 0.00 | -2.51 -0.08 0.00 | 17.10 -1.71 0.00 | 17.34 -1.83 0.06 | 16.85 -1.73 0.00 | 15.73 -1.64 0.00 | 15.14 -1.74 0.00 | 11.50 -1.36 -0.46 | 14.07 -1.83 -0.08 | 15.74 -1.75 0.00 | 17.88 -1.82 0.00 | 19.04 -1.85 0.00 | 20.96 -2.06 0.00 | 19.06 -1.59 0.00 | 18.91 -1.58 0.00 | 16.39 -1.26 0.00 |
| CH_RES_SYRACUSE 23985 | 18.63 -0.17 0.00 | 17.76 -0.19 0.00 | 14.72 -0.18 -0.31 | 8.57 -0.10 -1.11 | 15.96 -0.16 -0.01 | 15.52 -0.13 0.00 | 19.19 -0.08 0.00 | 17.92 -0.12 -0.30 | 11.29 -0.11 0.00 | -2.45 -0.03 0.00 | 18.59 -0.22 0.00 | 18.99 -0.24 0.00 | 18.35 -0.23 0.00 | 17.16 -0.20 0.00 | 16.65 -0.23 0.00 | 12.53 -0.19 -0.33 | 15.61 -0.26 -0.06 | 17.29 -0.19 0.00 | 19.54 -0.16 0.00 | 20.72 -0.16 0.00 | 22.85 -0.17 0.00 | 20.52 -0.13 0.00 | 20.28 -0.21 0.00 | 17.48 -0.17 0.00 |
| CLINTON_WT_PWR 323605 | 18.82 0.03 0.00 | 17.76 -0.19 0.00 | 14.47 -0.13 0.00 | 7.51 -0.04 0.00 | 16.04 -0.08 0.00 | 15.61 -0.04 0.00 | 19.30 0.03 0.00 | 16.69 0.08 1.14 | 11.49 0.10 0.00 | -2.52 -0.10 0.00 | 19.22 0.41 0.00 | 19.63 0.39 0.00 | 18.93 0.35 0.00 | 17.63 0.26 0.00 | 17.09 0.21 0.00 | 12.56 0.16 0.00 | 16.03 0.21 0.00 | 17.67 0.18 0.00 | 19.98 0.28 0.00 | 21.14 0.26 0.00 | 23.28 0.26 0.00 | 20.79 0.14 0.00 | 20.51 0.02 0.00 | 17.62 -0.03 0.00 |
| CLINTON___LFGE 323618 | 18.98 0.19 0.00 | 17.91 -0.04 0.00 | 14.60 0.00 0.00 | 7.58 0.03 0.00 | 16.19 0.07 0.00 | 15.78 0.12 0.00 | 19.55 0.28 0.00 | 16.79 0.30 1.25 | 11.61 0.21 0.00 | -2.55 -0.13 0.00 | 19.39 0.58 0.00 | 19.78 0.55 0.00 | 19.08 0.50 0.00 | 17.76 0.40 0.00 | 17.22 0.34 0.00 | 12.66 0.26 0.00 | 16.16 0.34 0.00 | 17.82 0.34 0.00 | 20.19 0.49 0.00 | 21.38 0.50 0.00 | 23.55 0.53 0.00 | 21.00 0.36 0.00 | 20.71 0.21 0.00 | 17.77 0.13 0.00 |
| COBBLENY_34_KV_TB1 80064 | 18.44 -0.35 0.00 | 17.57 -0.38 0.00 | 14.66 -0.42 -0.48 | 9.09 -0.22 -1.76 | 15.67 -0.46 -0.01 | 15.26 -0.40 0.00 | 18.93 -0.34 0.00 | 17.05 -0.52 0.17 | 11.03 -0.36 0.00 | -2.62 -0.19 0.00 | 18.32 -0.50 0.00 | 18.86 -0.59 -0.21 | 18.04 -0.54 0.00 | 16.83 -0.56 -0.02 | 16.19 -0.70 -0.01 | 12.18 -0.72 -0.51 | 14.91 -1.00 -0.09 | 16.67 -0.82 0.00 | 18.87 -0.83 0.00 | 20.05 -0.83 0.00 | 22.10 -0.92 0.00 | 20.03 -0.62 0.00 | 19.82 -0.68 0.00 | 17.17 -0.48 0.00 |
| COFFEEN___115KV_TB3 355620 | 19.11 0.31 0.00 | 18.06 0.11 0.00 | 14.85 0.08 -0.17 | 8.24 0.08 -0.61 | 16.36 0.24 0.00 | 16.02 0.37 0.00 | 19.89 0.62 0.00 | 19.20 0.45 -1.01 | 11.55 0.15 0.00 | -2.45 -0.03 0.00 | 18.65 -0.16 0.00 | 18.95 -0.29 0.00 | 18.28 -0.29 0.00 | 17.05 -0.32 0.00 | 16.50 -0.38 0.00 | 12.29 -0.28 -0.18 | 15.48 -0.37 -0.03 | 17.17 -0.31 0.00 | 19.54 -0.16 0.00 | 21.02 0.13 0.00 | 23.62 0.60 0.00 | 21.30 0.65 0.00 | 21.05 0.55 0.00 | 18.11 0.46 0.00 |
| COLDSPRG_115KV_BK1 355956 | 19.24 0.45 0.00 | 18.38 0.43 0.00 | 15.34 0.23 -0.51 | 9.53 0.13 -1.84 | 16.49 0.35 -0.01 | 16.07 0.41 0.00 | 20.04 0.77 0.00 | 18.31 0.56 0.00 | 11.74 0.35 0.00 | -2.78 -0.36 0.00 | 19.65 0.84 0.00 | 20.18 0.74 -0.20 | 19.31 0.72 0.00 | 18.04 0.65 -0.02 | 17.32 0.44 -0.01 | 12.96 0.03 -0.54 | 15.87 -0.04 -0.10 | 17.64 0.15 0.00 | 19.89 0.19 0.00 | 21.08 0.20 0.00 | 23.25 0.23 0.00 | 21.02 0.37 0.00 | 20.79 0.30 0.00 | 18.01 0.36 0.00 |
| COLONIE_LFGE___ 323577 | 19.54 0.74 0.00 | 18.66 0.71 0.00 | 18.35 0.61 -3.15 | 19.29 0.32 -11.42 | 16.87 0.66 -0.08 | 16.27 0.61 0.00 | 19.97 0.70 0.00 | 18.39 0.64 0.00 | 15.80 0.38 -4.03 | 8.18 -0.05 -10.65 | 19.39 0.57 0.00 | 19.82 0.59 0.00 | 19.12 0.55 0.00 | 17.91 0.55 0.00 | 17.45 0.57 0.00 | 16.26 0.45 -3.41 | 17.00 0.57 -0.62 | 18.16 0.68 0.00 | 20.46 0.76 0.00 | 21.70 0.82 0.00 | 23.94 0.93 0.00 | 21.45 0.80 0.00 | 21.29 0.80 0.00 | 18.35 0.70 0.00 |
| COOPERNY_115KV_TB1 80082 | 19.34 0.55 0.00 | 18.48 0.53 0.00 | 16.92 0.44 -1.89 | 14.62 0.22 -6.85 | 16.64 0.47 -0.05 | 16.11 0.45 0.00 | 19.86 0.59 0.00 | 18.32 0.58 0.00 | 2.95 0.40 8.85 | -25.86 -0.03 23.41 | 19.50 0.68 0.00 | 19.94 0.70 0.00 | 19.30 0.72 0.00 | 18.08 0.71 0.00 | 17.59 0.71 0.00 | 14.98 0.53 -2.05 | 16.85 0.67 -0.37 | 18.19 0.71 0.00 | 20.48 0.78 0.00 | 21.66 0.78 0.00 | 23.88 0.86 0.00 | 21.40 0.75 0.00 | 21.23 0.74 0.00 | 18.28 0.63 0.00 |
| COPENHAGEN_WT_PWR 323753 | 18.90 0.11 0.00 | 17.85 -0.10 0.00 | 14.68 -0.09 -0.17 | 8.17 -0.01 -0.63 | 16.18 0.06 0.00 | 15.86 0.20 0.00 | 19.68 0.41 0.00 | 19.00 0.30 -0.95 | 11.48 0.09 0.00 | -2.45 -0.03 0.00 | 18.62 -0.19 0.00 | 18.92 -0.31 0.00 | 18.26 -0.32 0.00 | 17.03 -0.34 0.00 | 16.48 -0.40 0.00 | 12.29 -0.30 -0.19 | 15.46 -0.39 -0.03 | 17.14 -0.35 0.00 | 19.48 -0.22 0.00 | 20.89 0.01 0.00 | 23.35 0.33 0.00 | 21.03 0.38 0.00 | 20.80 0.30 0.00 | 17.91 0.26 0.00 |
| CORNELL_____ 23752 | 19.07 0.28 0.00 | 18.20 0.25 0.00 | 15.37 0.18 -0.60 | 9.81 0.10 -2.16 | 16.37 0.23 -0.02 | 15.92 0.26 0.00 | 19.74 0.47 0.00 | 18.46 0.37 -0.34 | 11.59 0.20 0.00 | -2.55 -0.13 0.00 | 19.02 0.21 0.00 | 19.40 0.16 -0.02 | 18.73 0.15 0.00 | 17.52 0.15 0.00 | 16.99 0.11 0.00 | 13.12 0.06 -0.67 | 16.02 0.08 -0.12 | 17.70 0.22 0.00 | 20.05 0.34 0.00 | 21.31 0.42 0.00 | 23.53 0.52 0.00 | 21.13 0.48 0.00 | 20.87 0.37 0.00 | 17.96 0.31 0.00 |
| CORONA_AV_69_KV_TB1 355595 | 20.12 1.33 0.00 | 19.22 1.27 0.00 | 18.17 1.07 -2.50 | 17.17 0.54 -9.07 | 18.03 1.17 -0.74 | 18.54 1.09 -1.79 | 20.57 1.30 0.00 | 18.99 1.25 0.00 | 30.11 0.88 -17.84 | 44.83 0.05 -47.19 | 20.29 1.48 0.00 | 20.76 1.53 0.00 | 20.13 1.55 0.00 | 18.89 1.52 0.00 | 18.36 1.48 0.00 | 37.99 1.12 -24.47 | 17.70 1.40 -0.49 | 18.84 1.36 0.00 | 21.09 1.39 0.00 | 22.38 1.50 0.00 | 24.73 1.72 0.00 | 22.12 1.47 0.00 | 22.05 1.55 0.00 | 19.05 1.40 0.00 |
| CORTLAND_115KV_TB3 80093 | 18.94 0.15 0.00 | 18.08 0.14 0.00 | 15.17 0.07 -0.49 | 9.39 0.05 -1.79 | 16.25 0.12 -0.01 | 15.79 0.14 0.00 | 19.56 0.29 0.00 | 18.22 0.21 -0.26 | 11.50 0.11 0.00 | -2.51 -0.09 0.00 | 18.92 0.11 0.00 | 19.31 0.08 0.00 | 18.66 0.08 0.00 | 17.46 0.10 0.00 | 16.94 0.06 0.00 | 12.96 0.02 -0.54 | 15.94 0.02 -0.10 | 17.60 0.11 0.00 | 19.88 0.18 0.00 | 21.12 0.24 0.00 | 23.31 0.29 0.00 | 20.94 0.29 0.00 | 20.70 0.20 0.00 | 17.83 0.18 0.00 |
| COXSACKIE___GT 23611 | 20.19 1.40 0.00 | 19.27 1.32 0.00 | 18.60 1.08 -2.92 | 18.69 0.56 -10.58 | 17.40 1.20 -0.08 | 16.83 1.17 0.00 | 20.69 1.42 0.00 | 19.05 1.31 0.00 | 12.02 0.63 0.00 | -2.49 -0.07 0.00 | 19.43 0.62 0.00 | 19.85 0.62 0.00 | 19.16 0.58 0.00 | 17.97 0.60 0.00 | 17.51 0.63 0.00 | 16.08 0.52 -3.16 | 17.14 0.75 -0.57 | 18.50 1.01 0.00 | 20.95 1.25 0.00 | 22.34 1.46 0.00 | 24.67 1.65 0.00 | 22.09 1.44 0.00 | 21.87 1.37 0.00 | 18.81 1.16 0.00 |
| CPV_VALLEY___CC1 323721 | 19.40 0.61 0.00 | 18.54 0.59 0.00 | 17.25 0.49 -2.16 | 15.65 0.25 -7.84 | 16.71 0.53 -0.06 | 16.16 0.51 0.00 | 19.92 0.65 0.00 | 18.39 0.64 0.00 | -0.65 0.45 12.50 | -35.52 -0.03 33.07 | 19.60 0.79 0.00 | 20.05 0.82 0.00 | 19.43 0.85 0.00 | 18.20 0.83 0.00 | 17.71 0.83 0.00 | 15.37 0.63 -2.35 | 17.04 0.80 -0.42 | 18.32 0.84 0.00 | 20.60 0.90 0.00 | 21.77 0.89 0.00 | 24.00 0.98 0.00 | 21.49 0.84 0.00 | 21.33 0.83 0.00 | 18.37 0.73 0.00 |

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|--------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CPV_VALLEY___CC2 323722 | 19.40 0.61 0.00 | 18.54 0.59 0.00 | 17.25 0.49 -2.16 | 15.65 0.25 -7.84 | 16.71 0.53 -0.06 | 16.16 0.51 0.00 | 19.92 0.65 0.00 | 18.39 0.64 0.00 | -0.65 0.45 12.50 | -35.52 -0.03 33.07 | 19.60 0.79 0.00 | 20.05 0.82 0.00 | 19.43 0.85 0.00 | 18.20 0.83 0.00 | 17.71 0.83 0.00 | 15.37 0.63 -2.35 | 17.04 0.80 -0.42 | 18.32 0.84 0.00 | 20.60 0.90 0.00 | 21.77 0.89 0.00 | 24.00 0.98 0.00 | 21.49 0.84 0.00 | 21.33 0.83 0.00 | 18.37 0.73 0.00 |
| CRESCENT___HYD 24018 | 19.54 0.74 0.00 | 18.66 0.71 0.00 | 18.35 0.61 -3.15 | 19.29 0.32 -11.42 | 16.87 0.66 -0.08 | 16.27 0.61 0.00 | 19.97 0.70 0.00 | 18.39 0.64 0.00 | 15.80 0.38 -4.03 | 8.18 -0.05 -10.65 | 19.39 0.57 0.00 | 19.82 0.59 0.00 | 19.12 0.55 0.00 | 17.91 0.55 0.00 | 17.45 0.57 0.00 | 16.26 0.45 -3.41 | 17.00 0.57 -0.62 | 18.16 0.68 0.00 | 20.46 0.76 0.00 | 21.70 0.82 0.00 | 23.94 0.93 0.00 | 21.45 0.80 0.00 | 21.29 0.80 0.00 | 18.35 0.70 0.00 |
| CRICKET___VALLEY_CC1 323756 | 19.44 0.65 0.00 | 18.58 0.63 0.00 | 17.79 0.54 -2.64 | 17.42 0.27 -9.59 | 16.76 0.57 -0.07 | 16.21 0.55 0.00 | 19.93 0.65 0.00 | 18.40 0.65 0.00 | 19.34 0.45 -7.49 | 17.41 0.01 -19.82 | 19.59 0.78 0.00 | 20.03 0.80 0.00 | 19.36 0.81 0.04 | 18.18 0.82 0.00 | 17.71 0.83 0.00 | 15.92 0.66 -2.87 | 17.16 0.83 -0.52 | 18.38 0.90 0.00 | 20.65 0.95 0.00 | 21.83 0.95 0.00 | 24.06 1.04 0.00 | 21.54 0.89 0.00 | 21.36 0.86 0.00 | 18.42 0.77 0.00 |
| CRICKET___VALLEY_CC2 323757 | 19.44 0.65 0.00 | 18.58 0.63 0.00 | 17.79 0.54 -2.64 | 17.42 0.27 -9.59 | 16.76 0.57 -0.07 | 16.21 0.55 0.00 | 19.93 0.65 0.00 | 18.40 0.65 0.00 | 19.34 0.45 -7.49 | 17.41 0.01 -19.82 | 19.59 0.78 0.00 | 20.03 0.80 0.00 | 19.36 0.81 0.04 | 18.18 0.82 0.00 | 17.71 0.83 0.00 | 15.92 0.66 -2.87 | 17.16 0.83 -0.52 | 18.38 0.90 0.00 | 20.65 0.95 0.00 | 21.83 0.95 0.00 | 24.06 1.04 0.00 | 21.54 0.89 0.00 | 21.36 0.86 0.00 | 18.42 0.77 0.00 |
| CRICKET___VALLEY_CC3 323758 | 19.44 0.65 0.00 | 18.58 0.63 0.00 | 17.79 0.54 -2.64 | 17.42 0.27 -9.59 | 16.76 0.57 -0.07 | 16.21 0.55 0.00 | 19.93 0.65 0.00 | 18.40 0.65 0.00 | 19.34 0.45 -7.49 | 17.41 0.01 -19.82 | 19.59 0.78 0.00 | 20.03 0.80 0.00 | 19.36 0.81 0.04 | 18.18 0.82 0.00 | 17.71 0.83 0.00 | 15.92 0.66 -2.87 | 17.16 0.83 -0.52 | 18.38 0.90 0.00 | 20.65 0.95 0.00 | 21.83 0.95 0.00 | 24.06 1.04 0.00 | 21.54 0.89 0.00 | 21.36 0.86 0.00 | 18.42 0.77 0.00 |
| CRUCIBLE_METL_DRP 24180 | 18.63 -0.16 0.00 | 17.76 -0.19 0.00 | 14.72 -0.18 -0.31 | 8.57 -0.09 -1.11 | 15.96 -0.17 -0.01 | 15.52 -0.14 0.00 | 19.19 -0.08 0.00 | 17.92 -0.13 -0.30 | 11.29 -0.11 0.00 | -2.45 -0.03 0.00 | 18.59 -0.22 0.00 | 18.99 -0.25 0.00 | 18.35 -0.23 0.00 | 17.16 -0.21 0.00 | 16.65 -0.23 0.00 | 12.53 -0.19 -0.33 | 15.61 -0.26 -0.06 | 17.30 -0.19 0.00 | 19.54 -0.16 0.00 | 20.73 -0.16 0.00 | 22.85 -0.16 0.00 | 20.52 -0.13 0.00 | 20.28 -0.22 0.00 | 17.48 -0.17 0.00 |
| DAHOWA___HYDRO 323763 | 19.78 0.99 0.00 | 18.86 0.91 0.00 | 18.62 0.81 -3.21 | 19.62 0.43 -11.64 | 17.11 0.90 -0.09 | 16.56 0.91 0.00 | 20.39 1.12 0.00 | 18.74 1.00 0.00 | 15.83 0.59 -3.84 | 7.60 -0.14 -10.16 | 19.74 0.93 0.00 | 20.21 0.98 0.00 | 19.44 0.86 0.00 | 18.20 0.84 0.00 | 17.71 0.83 0.00 | 16.53 0.66 -3.48 | 17.27 0.82 -0.63 | 18.45 0.97 0.00 | 20.85 1.14 0.00 | 22.11 1.23 0.00 | 24.41 1.39 0.00 | 21.89 1.25 0.00 | 21.72 1.22 0.00 | 18.67 1.03 0.00 |
| DANC___LFGE 323619 | 18.70 -0.10 0.00 | 17.72 -0.23 0.00 | 14.59 -0.21 -0.20 | 8.21 -0.08 -0.74 | 16.00 -0.13 -0.01 | 15.64 -0.01 0.00 | 19.38 0.11 0.00 | 18.44 0.04 -0.66 | 11.34 -0.05 0.00 | -2.43 -0.01 0.00 | 18.49 -0.32 0.00 | 18.82 -0.41 0.00 | 18.17 -0.41 0.00 | 16.97 -0.40 0.00 | 16.44 -0.44 0.00 | 12.28 -0.34 -0.22 | 15.40 -0.45 -0.04 | 17.06 -0.43 0.00 | 19.35 -0.35 0.00 | 20.68 -0.20 0.00 | 23.01 -0.01 0.00 | 20.72 0.07 0.00 | 20.51 0.01 0.00 | 17.65 0.00 0.00 |
| DANSKAMMER___1 23586 | 19.77 0.97 0.00 | 18.89 0.94 0.00 | 17.87 0.78 -2.49 | 16.98 0.40 -9.03 | 17.02 0.84 -0.07 | 16.47 0.81 0.00 | 20.31 1.04 0.00 | 18.77 1.03 0.00 | 12.10 0.70 0.00 | -2.47 -0.05 0.00 | 19.98 1.17 0.00 | 20.46 1.22 0.00 | 19.83 1.25 0.00 | 18.59 1.22 0.00 | 18.09 1.21 0.00 | 16.02 0.92 -2.70 | 17.48 1.18 -0.49 | 18.76 1.27 0.00 | 21.10 1.39 0.00 | 22.30 1.42 0.00 | 24.58 1.56 0.00 | 21.99 1.34 0.00 | 21.80 1.30 0.00 | 18.76 1.11 0.00 |
| DANSKAMMER___2 23589 | 19.77 0.97 0.00 | 18.89 0.94 0.00 | 17.87 0.78 -2.49 | 16.98 0.40 -9.03 | 17.02 0.84 -0.07 | 16.47 0.81 0.00 | 20.31 1.04 0.00 | 18.77 1.03 0.00 | 12.10 0.70 0.00 | -2.47 -0.05 0.00 | 19.98 1.17 0.00 | 20.46 1.22 0.00 | 19.83 1.25 0.00 | 18.59 1.22 0.00 | 18.09 1.21 0.00 | 16.02 0.92 -2.70 | 17.48 1.18 -0.49 | 18.76 1.27 0.00 | 21.10 1.39 0.00 | 22.30 1.42 0.00 | 24.58 1.56 0.00 | 21.99 1.34 0.00 | 21.80 1.30 0.00 | 18.76 1.11 0.00 |
| DANSKAMMER___3 23590 | 19.77 0.97 0.00 | 18.89 0.94 0.00 | 17.87 0.78 -2.49 | 16.98 0.40 -9.03 | 17.02 0.84 -0.07 | 16.47 0.81 0.00 | 20.31 1.04 0.00 | 18.77 1.03 0.00 | 12.10 0.70 0.00 | -2.47 -0.05 0.00 | 19.98 1.17 0.00 | 20.46 1.22 0.00 | 19.83 1.25 0.00 | 18.59 1.22 0.00 | 18.09 1.21 0.00 | 16.02 0.92 -2.70 | 17.48 1.18 -0.49 | 18.76 1.27 0.00 | 21.10 1.39 0.00 | 22.30 1.42 0.00 | 24.58 1.56 0.00 | 21.99 1.34 0.00 | 21.80 1.30 0.00 | 18.76 1.11 0.00 |
| DANSKAMMER___4 23591 | 19.77 0.97 0.00 | 18.89 0.94 0.00 | 17.87 0.78 -2.49 | 16.98 0.40 -9.03 | 17.02 0.84 -0.07 | 16.47 0.81 0.00 | 20.31 1.04 0.00 | 18.77 1.03 0.00 | 12.10 0.70 0.00 | -2.47 -0.05 0.00 | 19.98 1.17 0.00 | 20.46 1.22 0.00 | 19.83 1.25 0.00 | 18.59 1.22 0.00 | 18.09 1.21 0.00 | 16.02 0.92 -2.70 | 17.48 1.18 -0.49 | 18.76 1.27 0.00 | 21.10 1.39 0.00 | 22.30 1.42 0.00 | 24.58 1.56 0.00 | 21.99 1.34 0.00 | 21.80 1.30 0.00 | 18.76 1.11 0.00 |
| DANSKAMMER___DIESEL 23592 | 19.77 0.97 0.00 | 18.89 0.94 0.00 | 17.87 0.77 -2.49 | 16.98 0.40 -9.03 | 17.02 0.84 -0.07 | 16.47 0.82 0.00 | 20.31 1.04 0.00 | 18.77 1.03 0.00 | 12.10 0.70 0.00 | -2.47 -0.05 0.00 | 19.98 1.17 0.00 | 20.46 1.22 0.00 | 19.83 1.25 0.00 | 18.59 1.22 0.00 | 18.09 1.21 0.00 | 16.02 0.92 -2.70 | 17.48 1.18 -0.49 | 18.75 1.27 0.00 | 21.10 1.39 0.00 | 22.30 1.42 0.00 | 24.58 1.56 0.00 | 21.99 1.34 0.00 | 21.80 1.30 0.00 | 18.76 1.11 0.00 |
| DARBY___SOLAR 323810 | 19.74 0.94 0.00 | 18.83 0.88 0.00 | 18.58 0.78 -3.20 | 19.57 0.40 -11.61 | 17.07 0.86 -0.09 | 16.52 0.86 0.00 | 20.32 1.06 0.00 | 18.69 0.95 0.00 | 15.83 0.57 -3.87 | 7.70 -0.12 -10.24 | 19.71 0.90 0.00 | 20.17 0.94 0.00 | 19.42 0.84 0.00 | 18.19 0.82 0.00 | 17.69 0.81 0.00 | 16.51 0.64 -3.47 | 17.24 0.80 -0.63 | 18.43 0.94 0.00 | 20.80 1.09 0.00 | 22.05 1.17 0.00 | 24.33 1.31 0.00 | 21.81 1.16 0.00 | 21.65 1.15 0.00 | 18.62 0.97 0.00 |
| DASHVILLE___HYD 23610 | 19.54 0.74 0.00 | 18.68 0.73 0.00 | 17.72 0.58 -2.54 | 17.04 0.28 -9.20 | 16.83 0.65 -0.07 | 16.28 0.62 0.00 | 20.08 0.81 0.00 | 18.54 0.80 0.00 | 11.99 0.59 0.00 | -2.43 -0.01 0.00 | 19.91 1.10 0.00 | 20.39 1.16 0.00 | 19.80 1.22 0.00 | 18.55 1.19 0.00 | 18.08 1.20 0.00 | 16.03 0.88 -2.75 | 17.48 1.17 -0.50 | 18.69 1.20 0.00 | 20.97 1.27 0.00 | 22.16 1.28 0.00 | 24.45 1.43 0.00 | 21.87 1.22 0.00 | 21.68 1.18 0.00 | 18.67 1.02 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 20.63 1.84 0.00 | 19.76 1.81 0.00 | 18.69 1.59 -2.50 | 17.44 0.81 -9.07 | 18.71 1.75 -0.85 | 19.08 1.64 -1.79 | 21.11 1.85 0.00 | 19.41 1.66 0.00 | 30.39 1.16 -17.84 | 44.75 -0.03 -47.19 | 20.33 1.52 0.00 | 20.72 1.48 0.00 | 20.02 1.46 0.01 | 17.32 1.43 1.47 | 17.67 1.37 0.58 | 37.98 1.11 -24.47 | 17.76 1.46 -0.49 | 18.92 1.44 0.00 | 21.28 1.58 0.00 | 22.63 1.75 0.00 | 25.08 2.06 0.00 | 22.38 1.73 0.00 | 22.35 1.85 0.00 | 19.33 1.69 0.00 |
| DELAWARE___LFGE 323621 | 19.27 0.48 0.00 | 18.44 0.49 0.00 | 16.03 0.38 -1.04 | 11.54 0.20 -3.79 | 16.58 0.43 -0.03 | 16.08 0.42 0.00 | 19.85 0.59 0.00 | 18.37 0.54 -0.08 | 11.74 0.34 0.00 | -2.49 -0.08 0.00 | 19.36 0.55 0.00 | 19.79 0.54 -0.01 | 19.12 0.54 0.00 | 17.90 0.53 0.00 | 17.39 0.51 0.00 | 13.92 0.38 -1.14 | 16.50 0.48 -0.21 | 18.03 0.55 0.00 | 20.33 0.63 0.00 | 21.53 0.65 0.00 | 23.73 0.72 0.00 | 21.30 0.65 0.00 | 21.10 0.61 0.00 | 18.17 0.52 0.00 |
| DERFIELD_115KV_TB7 355931 | 18.81 0.01 0.00 | 17.96 0.02 0.00 | 14.61 0.01 0.00 | 7.56 0.01 0.00 | 16.13 0.01 0.00 | 15.67 0.01 0.00 | 19.30 0.03 0.00 | 17.76 0.02 0.00 | 11.40 0.01 0.00 | -2.42 0.00 0.00 | 18.81 0.00 0.00 | 19.23 0.00 0.00 | 18.58 0.00 0.00 | 17.38 0.02 0.00 | 16.90 0.02 0.00 | 12.41 0.02 0.00 | 15.84 0.02 0.00 | 17.52 0.04 0.00 | 19.75 0.05 0.00 | 20.94 0.06 0.00 | 23.09 0.07 0.00 | 20.70 0.05 0.00 | 20.54 0.04 0.00 | 17.69 0.04 0.00 |
| DOGLEVILLE___HYD 23807 | 18.86 0.07 0.00 | 18.08 0.13 0.00 | 14.72 0.13 0.00 | 7.62 0.07 0.00 | 16.28 0.16 0.00 | 15.69 0.03 0.00 | 19.34 0.07 0.00 | 17.73 -0.01 0.00 | 11.31 -0.09 0.00 | -2.43 -0.01 0.00 | 18.64 -0.17 0.00 | 19.08 -0.16 0.00 | 18.40 -0.18 0.00 | 17.26 -0.10 0.00 | 16.87 -0.01 0.00 | 12.44 0.05 0.00 | 15.83 0.02 0.00 | 17.55 0.06 0.00 | 19.79 0.09 0.00 | 21.10 0.21 0.00 | 23.31 0.29 0.00 | 20.88 0.23 0.00 | 20.66 0.16 0.00 | 17.81 0.16 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 18.67 -0.12 0.00 | 17.82 -0.13 0.00 | 14.87 -0.22 -0.49 | 9.22 -0.11 -1.78 | 15.91 -0.23 -0.01 | 15.50 -0.15 0.00 | 19.27 0.00 0.00 | 17.39 -0.20 0.16 | 11.24 -0.15 0.00 | -2.66 -0.24 0.00 | 18.67 -0.14 0.00 | 19.24 -0.22 -0.22 | 18.39 -0.20 0.00 | 17.18 -0.22 -0.03 | 16.52 -0.37 -0.01 | 12.42 -0.49 -0.52 | 15.20 -0.72 -0.09 | 16.94 -0.55 0.00 | 19.14 -0.56 0.00 | 20.31 -0.57 0.00 | 22.41 -0.61 0.00 | 20.30 -0.35 0.00 | 20.06 -0.43 0.00 | 17.37 -0.28 0.00 |
| DUNKIRK___1 23563 | 18.67 -0.12 0.00 | 17.82 -0.13 0.00 | 14.87 -0.22 -0.49 | 9.22 -0.11 -1.78 | 15.91 -0.23 -0.01 | 15.50 -0.15 0.00 | 19.27 0.00 0.00 | 17.39 -0.20 0.16 | 11.24 -0.15 0.00 | -2.66 -0.24 0.00 | 18.67 -0.14 0.00 | 19.24 -0.22 -0.22 | 18.39 -0.20 0.00 | 17.18 -0.22 -0.03 | 16.52 -0.37 -0.01 | 12.42 -0.49 -0.52 | 15.20 -0.72 -0.09 | 16.94 -0.55 0.00 | 19.14 -0.56 0.00 | 20.31 -0.57 0.00 | 22.41 -0.61 0.00 | 20.30 -0.35 0.00 | 20.06 -0.43 0.00 | 17.37 -0.28 0.00 |
| DUNKIRK___2 23564 | 18.67 -0.12 0.00 | 17.82 -0.13 0.00 | 14.87 -0.22 -0.49 | 9.22 -0.11 -1.78 | 15.91 -0.23 -0.01 | 15.50 -0.15 0.00 | 19.27 0.00 0.00 | 17.39 -0.20 0.16 | 11.24 -0.15 0.00 | -2.66 -0.24 0.00 | 18.67 -0.14 0.00 | 19.24 -0.22 -0.22 | 18.39 -0.20 0.00 | 17.18 -0.22 -0.03 | 16.52 -0.37 -0.01 | 12.42 -0.49 -0.52 | 15.20 -0.72 -0.09 | 16.94 -0.55 0.00 | 19.14 -0.56 0.00 | 20.31 -0.57 0.00 | 22.41 -0.61 0.00 | 20.30 -0.35 0.00 | 20.06 -0.43 0.00 | 17.37 -0.28 0.00 |
| DUNKIRK___3 23565 | 18.65 -0.15 0.00 | 17.78 -0.17 0.00 | 14.84 -0.25 -0.48 | 9.19 -0.13 -1.76 | 15.87 -0.26 -0.01 | 15.47 -0.19 0.00 | 19.22 -0.05 0.00 | 17.31 -0.24 0.18 | 11.21 -0.18 0.00 | -2.64 -0.22 0.00 | 18.55 -0.26 0.00 | 19.12 -0.34 -0.23 | 18.27 -0.31 0.00 | 17.07 -0.32 -0.03 | 16.42 -0.47 -0.01 | 12.39 -0.52 -0.51 | 15.16 -0.75 -0.09 | 16.89 -0.59 0.00 | 19.08 -0.62 0.00 | 20.26 -0.62 0.00 | 22.35 -0.67 0.00 | 20.25 -0.40 0.00 | 20.03 -0.47 0.00 | 17.34 -0.31 0.00 |
| DUNKIRK___4 23566 | 18.65 -0.15 0.00 | 17.78 -0.17 0.00 | 14.84 -0.25 -0.48 | 9.19 -0.13 -1.76 | 15.87 -0.26 -0.01 | 15.47 -0.19 0.00 | 19.22 -0.05 0.00 | 17.31 -0.24 0.18 | 11.21 -0.18 0.00 | -2.64 -0.22 0.00 | 18.55 -0.26 0.00 | 19.12 -0.34 -0.23 | 18.27 -0.31 0.00 | 17.07 -0.32 -0.03 | 16.42 -0.47 -0.01 | 12.39 -0.52 -0.51 | 15.16 -0.75 -0.09 | 16.89 -0.59 0.00 | 19.08 -0.62 0.00 | 20.26 -0.62 0.00 | 22.35 -0.67 0.00 | 20.25 -0.40 0.00 | 20.03 -0.47 0.00 | 17.34 -0.31 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 19.76 0.97 0.00 | 18.88 0.93 0.00 | 17.87 0.77 -2.50 | 17.02 0.40 -9.07 | 17.02 0.84 -0.07 | 16.46 0.80 0.00 | 20.29 1.02 0.00 | 18.77 1.02 0.00 | 30.09 0.71 -17.98 | 45.11 -0.03 -47.57 | 20.06 1.25 0.00 | 20.53 1.30 0.00 | 19.91 1.33 0.00 | 18.65 1.28 0.00 | 18.16 1.27 0.00 | 16.07 0.96 -2.71 | 17.51 1.21 -0.49 | 18.75 1.26 0.00 | 21.07 1.36 0.00 | 22.25 1.37 0.00 | 24.51 1.49 0.00 | 21.93 1.28 0.00 | 21.79 1.29 0.00 | 18.76 1.11 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 19.64 0.85 0.00 | 18.77 0.82 0.00 | 17.69 0.67 -2.41 | 16.65 0.34 -8.76 | 16.91 0.72 -0.06 | 16.36 0.71 0.00 | 20.17 0.90 0.00 | 18.64 0.89 0.00 | 6.63 0.62 5.38 | -16.70 -0.04 14.24 | 19.85 1.04 0.00 | 20.32 1.08 0.00 | 19.69 1.11 0.00 | 18.46 1.10 0.00 | 17.97 1.09 0.00 | 15.84 0.82 -2.62 | 17.34 1.05 -0.47 | 18.60 1.12 0.00 | 20.93 1.22 0.00 | 22.12 1.24 0.00 | 24.40 1.38 0.00 | 21.83 1.18 0.00 | 21.65 1.15 0.00 | 18.64 0.99 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 19.81 1.01 0.00 | 18.95 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.89 -0.07 | 16.50 0.85 0.00 | 20.37 1.11 0.00 | 18.84 1.10 0.00 | 30.17 0.78 -18.00 | 45.18 -0.01 -47.61 | 20.17 1.35 -0.01 | 20.64 1.40 -0.01 | 20.02 1.43 -0.01 | 18.74 1.37 0.00 | 18.24 1.36 0.00 | 16.12 1.02 -2.71 | 17.58 1.28 -0.48 | 18.82 1.34 0.00 | 21.18 1.47 0.00 | 22.38 1.50 0.00 | 24.66 1.64 0.00 | 22.06 1.41 0.00 | 21.92 1.43 0.00 | 18.86 1.21 0.00 |
| E179THST_13_KV_LOAD 356214 | 19.88 1.09 0.00 | 19.02 1.08 0.00 | 17.99 0.89 -2.50 | 17.07 0.45 -9.07 | 17.14 0.95 -0.07 | 16.56 0.90 0.00 | 20.45 1.18 0.00 | 18.92 1.17 0.00 | 30.22 0.83 -18.00 | 45.17 -0.02 -47.61 | 20.26 1.44 -0.01 | 20.73 1.49 -0.01 | 20.10 1.52 -0.01 | 18.82 1.45 0.00 | 18.32 1.45 0.00 | 16.18 1.07 -2.71 | 17.66 1.36 -0.48 | 18.90 1.42 0.00 | 21.28 1.57 0.00 | 22.48 1.59 0.00 | 24.76 1.74 0.00 | 22.16 1.51 0.00 | 22.01 1.52 0.00 | 18.94 1.29 0.00 |
| EAST HAMPTON___GT 23717 | 20.86 2.07 0.00 | 19.98 2.03 0.00 | 18.85 1.75 -2.50 | 17.54 0.92 -9.07 | 18.92 1.95 -0.85 | 19.29 1.84 -1.79 | 21.40 2.13 0.00 | 19.66 1.92 0.00 | 30.56 1.33 -17.84 | 44.71 -0.06 -47.19 | 20.57 1.76 0.00 | 20.95 1.72 0.00 | 20.24 1.67 0.01 | 17.50 1.60 1.47 | 17.84 1.55 0.58 | 38.12 1.24 -24.47 | 17.94 1.63 -0.49 | 19.13 1.65 0.00 | 21.53 1.82 0.00 | 22.90 2.02 0.00 | 25.36 2.35 0.00 | 22.64 2.00 0.00 | 22.60 2.11 0.00 | 19.54 1.89 0.00 |
| EAST RIVER___6 23660 | 19.74 0.95 0.00 | 18.88 0.93 0.00 | 17.88 0.78 -2.50 | 17.03 0.41 -9.07 | 17.04 0.85 -0.07 | 16.49 0.83 0.00 | 20.33 1.06 0.00 | 18.81 1.06 0.00 | 30.17 0.77 -18.00 | 45.19 -0.02 -47.63 | 20.19 1.37 0.00 | 20.65 1.42 0.00 | 20.04 1.46 0.00 | 18.76 1.40 0.00 | 18.28 1.39 0.00 | 16.15 1.04 -2.71 | 17.62 1.31 -0.49 | 18.85 1.37 0.00 | 21.20 1.49 0.00 | 22.36 1.48 0.00 | 24.60 1.59 0.00 | 22.00 1.35 0.00 | 21.86 1.36 0.00 | 18.81 1.16 0.00 |

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| EAST RIVER___7 23524 | 19.74 0.95 0.00 | 18.88 0.93 0.00 | 17.88 0.78 -2.50 | 17.03 0.41 -9.07 | 17.04 0.85 -0.07 | 16.49 0.83 0.00 | 20.33 1.06 0.00 | 18.81 1.06 0.00 | 30.17 0.77 -18.00 | 45.19 -0.02 -47.63 | 20.19 1.37 0.00 | 20.65 1.42 0.00 | 20.04 1.46 0.00 | 18.76 1.40 0.00 | 18.28 1.39 0.00 | 16.15 1.04 -2.71 | 17.62 1.31 -0.49 | 18.85 1.37 0.00 | 21.20 1.49 0.00 | 22.36 1.48 0.00 | 24.60 1.59 0.00 | 22.00 1.35 0.00 | 21.86 1.36 0.00 | 18.81 1.16 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 19.72 0.93 0.00 | 18.85 0.90 0.00 | 17.84 0.75 -2.50 | 16.99 0.38 -9.05 | 16.99 0.80 -0.07 | 16.43 0.78 0.00 | 20.25 0.98 0.00 | 18.73 0.99 0.00 | 31.32 0.69 -19.24 | 48.44 -0.03 -50.89 | 20.02 1.21 0.00 | 20.49 1.25 0.00 | 19.86 1.28 0.00 | 18.60 1.24 0.00 | 18.11 1.23 0.00 | 16.03 0.92 -2.71 | 17.47 1.17 -0.49 | 18.71 1.23 0.00 | 21.03 1.33 0.00 | 22.22 1.33 0.00 | 24.47 1.46 0.00 | 21.89 1.24 0.00 | 21.74 1.25 0.00 | 18.72 1.07 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 20.86 2.07 0.00 | 19.98 2.03 0.00 | 18.86 1.76 -2.50 | 17.55 0.92 -9.07 | 18.92 1.95 -0.85 | 19.29 1.84 -1.79 | 21.40 2.13 0.00 | 19.67 1.92 0.00 | 30.56 1.33 -17.84 | 44.71 -0.07 -47.19 | 20.58 1.77 0.00 | 20.96 1.73 0.00 | 20.24 1.67 0.01 | 17.50 1.60 1.47 | 17.85 1.55 0.58 | 38.12 1.25 -24.47 | 17.94 1.64 -0.49 | 19.14 1.66 0.00 | 21.53 1.83 0.00 | 22.90 2.02 0.00 | 25.37 2.35 0.00 | 22.64 2.00 0.00 | 22.60 2.11 0.00 | 19.54 1.90 0.00 |
| EAST_PULASKI___ESR 323781 | 18.49 -0.30 0.00 | 17.60 -0.35 0.00 | 14.52 -0.32 -0.23 | 8.25 -0.15 -0.85 | 15.83 -0.30 -0.01 | 15.43 -0.23 0.00 | 19.09 -0.18 0.00 | 17.88 -0.22 -0.36 | 11.21 -0.19 0.00 | -2.42 0.00 0.00 | 18.36 -0.45 0.00 | 18.73 -0.50 0.00 | 18.09 -0.49 0.00 | 16.90 -0.46 0.00 | 16.40 -0.48 0.00 | 12.27 -0.37 -0.25 | 15.35 -0.51 -0.05 | 17.00 -0.49 0.00 | 19.24 -0.46 0.00 | 20.48 -0.40 0.00 | 22.69 -0.33 0.00 | 20.41 -0.24 0.00 | 20.21 -0.29 0.00 | 17.40 -0.25 0.00 |
| EAST_RIVER___1 323558 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.91 0.81 -2.50 | 17.03 0.41 -9.07 | 17.06 0.87 -0.07 | 16.50 0.84 0.00 | 20.34 1.07 0.00 | 18.83 1.08 0.00 | 30.17 0.78 -18.00 | 45.17 -0.03 -47.63 | 20.20 1.38 0.00 | 20.66 1.42 0.00 | 20.04 1.46 0.00 | 18.76 1.40 0.00 | 18.27 1.39 0.00 | 16.14 1.03 -2.71 | 17.61 1.30 -0.49 | 18.85 1.36 0.00 | 21.19 1.48 0.00 | 22.37 1.49 0.00 | 24.63 1.61 0.00 | 22.02 1.38 0.00 | 21.89 1.40 0.00 | 18.84 1.20 0.00 |
| EAST_RIVER___2 323559 | 19.74 0.95 0.00 | 18.88 0.93 0.00 | 17.88 0.78 -2.50 | 17.03 0.41 -9.07 | 17.04 0.85 -0.07 | 16.49 0.83 0.00 | 20.33 1.06 0.00 | 18.81 1.06 0.00 | 30.17 0.77 -18.00 | 45.19 -0.02 -47.63 | 20.19 1.37 0.00 | 20.65 1.42 0.00 | 20.04 1.46 0.00 | 18.76 1.40 0.00 | 18.28 1.39 0.00 | 16.15 1.04 -2.71 | 17.62 1.31 -0.49 | 18.85 1.37 0.00 | 21.20 1.49 0.00 | 22.36 1.48 0.00 | 24.60 1.59 0.00 | 22.00 1.35 0.00 | 21.86 1.36 0.00 | 18.81 1.16 0.00 |
| EAST___DELAWARE_HYD 23607 | 19.60 0.81 0.00 | 18.74 0.79 0.00 | 17.49 0.66 -2.23 | 15.97 0.33 -8.10 | 16.91 0.73 -0.06 | 16.31 0.65 0.00 | 20.14 0.87 0.00 | 18.58 0.84 0.00 | 7.09 0.59 4.89 | -15.40 -0.03 12.94 | 19.83 1.02 0.00 | 20.29 1.05 0.00 | 19.69 1.10 0.00 | 18.40 1.03 0.00 | 17.56 0.68 0.00 | 15.33 0.51 -2.42 | 16.94 0.68 -0.44 | 18.21 0.73 0.00 | 20.49 0.79 0.00 | 21.73 0.85 0.00 | 24.44 1.43 0.00 | 21.87 1.22 0.00 | 21.67 1.17 0.00 | 18.68 1.03 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 18.94 0.15 0.00 | 18.13 0.18 0.00 | 15.29 0.16 -0.53 | 9.64 0.17 -1.91 | 16.71 0.58 -0.01 | 16.32 0.66 0.00 | 20.35 1.08 0.00 | 19.23 0.92 -0.56 | 12.09 0.69 0.00 | -2.73 -0.31 0.00 | 19.87 1.06 0.00 | 20.30 1.00 -0.07 | 19.47 0.89 0.00 | 18.28 0.91 -0.01 | 17.62 0.73 0.00 | 13.38 0.37 -0.61 | 16.35 0.42 -0.11 | 18.13 0.65 0.00 | 20.42 0.72 0.00 | 21.67 0.79 0.00 | 24.06 1.04 0.00 | 21.71 1.06 0.00 | 21.40 0.90 0.00 | 18.43 0.78 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 18.57 -0.22 0.00 | 17.69 -0.25 0.00 | 14.70 -0.23 -0.32 | 8.61 -0.11 -1.17 | 15.91 -0.22 -0.01 | 15.49 -0.17 0.00 | 19.15 -0.11 0.00 | 17.94 -0.16 -0.36 | 11.25 -0.14 0.00 | -2.45 -0.03 0.00 | 18.54 -0.27 0.00 | 18.93 -0.30 0.00 | 18.30 -0.28 0.00 | 17.10 -0.27 0.00 | 16.60 -0.28 0.00 | 12.51 -0.23 -0.34 | 15.56 -0.32 -0.06 | 17.23 -0.25 0.00 | 19.48 -0.22 0.00 | 20.65 -0.23 0.00 | 22.78 -0.23 0.00 | 20.47 -0.18 0.00 | 20.22 -0.28 0.00 | 17.41 -0.24 0.00 |
| ELEC_TRO_TEK 24086 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.12 1.02 -2.50 | 17.14 0.51 -9.07 | 17.96 1.10 -0.74 | 18.50 1.05 -1.79 | 20.53 1.26 0.00 | 18.95 1.21 0.00 | 30.08 0.85 -17.84 | 44.82 0.05 -47.19 | 20.23 1.42 0.00 | 20.69 1.46 0.00 | 20.06 1.48 0.00 | 18.81 1.45 0.00 | 18.28 1.40 0.00 | 37.94 1.07 -24.47 | 17.63 1.32 -0.49 | 18.77 1.29 0.00 | 21.05 1.35 0.00 | 22.31 1.43 0.00 | 24.66 1.64 0.00 | 22.05 1.40 0.00 | 21.98 1.48 0.00 | 18.96 1.32 0.00 |
| ELLENBURG_WT_PWR 323604 | 18.82 0.03 0.00 | 17.76 -0.19 0.00 | 14.47 -0.13 0.00 | 7.51 -0.04 0.00 | 16.04 -0.08 0.00 | 15.61 -0.04 0.00 | 19.30 0.03 0.00 | 16.69 0.08 1.14 | 11.49 0.10 0.00 | -2.52 -0.10 0.00 | 19.22 0.41 0.00 | 19.63 0.39 0.00 | 18.93 0.35 0.00 | 17.63 0.26 0.00 | 17.09 0.21 0.00 | 12.56 0.16 0.00 | 16.03 0.21 0.00 | 17.67 0.18 0.00 | 19.98 0.28 0.00 | 21.14 0.26 0.00 | 23.28 0.26 0.00 | 20.79 0.14 0.00 | 20.51 0.02 0.00 | 17.62 -0.03 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 18.27 -0.52 0.00 | 17.39 -0.56 0.00 | 14.49 -0.57 -0.46 | 8.93 -0.30 -1.68 | 15.49 -0.64 -0.01 | 15.08 -0.58 0.00 | 18.69 -0.58 0.00 | 16.74 -0.76 0.24 | 10.88 -0.51 0.00 | -2.57 -0.15 0.00 | 17.89 -0.92 0.00 | 18.53 -1.02 -0.31 | 17.63 -0.96 -0.01 | 16.46 -0.94 -0.04 | 15.84 -1.05 -0.01 | 12.00 -0.88 -0.49 | 14.69 -1.22 -0.09 | 16.42 -1.07 0.00 | 18.59 -1.11 0.00 | 19.76 -1.12 0.00 | 21.78 -1.23 0.00 | 19.75 -0.90 0.00 | 19.57 -0.93 0.00 | 16.96 -0.68 0.00 |
| EMPIRE_CC_1 323656 | 19.33 0.55 0.00 | 18.49 0.54 0.00 | 18.05 0.46 -2.99 | 18.64 0.24 -10.85 | 16.70 0.49 -0.08 | 16.07 0.42 0.00 | 19.66 0.39 0.00 | 18.11 0.37 0.00 | 16.31 0.21 -4.71 | 10.02 -0.02 -12.46 | 19.16 0.35 0.00 | 19.59 0.36 0.00 | 18.85 0.28 0.00 | 17.67 0.30 0.00 | 17.21 0.33 0.00 | 15.95 0.31 -3.24 | 16.78 0.38 -0.58 | 17.93 0.45 0.00 | 20.13 0.43 0.00 | 21.34 0.45 0.00 | 23.53 0.51 0.00 | 21.09 0.44 0.00 | 20.96 0.46 0.00 | 18.14 0.49 0.00 |
| EMPIRE_CC_2 323658 | 19.33 0.55 0.00 | 18.49 0.54 0.00 | 18.05 0.46 -2.99 | 18.64 0.24 -10.85 | 16.70 0.49 -0.08 | 16.07 0.42 0.00 | 19.66 0.39 0.00 | 18.11 0.37 0.00 | 16.31 0.21 -4.71 | 10.02 -0.02 -12.46 | 19.16 0.35 0.00 | 19.59 0.36 0.00 | 18.85 0.28 0.00 | 17.67 0.30 0.00 | 17.21 0.33 0.00 | 15.95 0.31 -3.24 | 16.78 0.38 -0.58 | 17.93 0.45 0.00 | 20.13 0.43 0.00 | 21.34 0.45 0.00 | 23.53 0.51 0.00 | 21.09 0.44 0.00 | 20.96 0.46 0.00 | 18.14 0.49 0.00 |
| ENORWICH_115KV_TB1 80156 | 19.85 1.06 0.00 | 18.96 1.01 0.00 | 16.19 0.80 -0.79 | 10.84 0.43 -2.86 | 17.11 0.97 -0.02 | 16.64 0.98 0.00 | 20.73 1.46 0.00 | 19.17 1.23 -0.20 | 12.05 0.66 0.00 | -2.69 -0.27 0.00 | 19.61 0.80 0.00 | 19.98 0.74 -0.01 | 19.27 0.69 0.00 | 18.07 0.70 0.00 | 17.51 0.63 0.00 | 13.70 0.43 -0.87 | 16.56 0.58 -0.16 | 18.34 0.86 0.00 | 20.88 1.18 0.00 | 22.27 1.39 0.00 | 24.61 1.59 0.00 | 22.09 1.44 0.00 | 21.78 1.29 0.00 | 18.77 1.12 0.00 |

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| ERIE_ST__34_KV_TB1-2 80199 | 18.55 -0.24 0.00 | 17.66 -0.29 0.00 | 14.71 -0.36 -0.48 | 9.08 -0.20 -1.73 | 15.75 -0.39 -0.01 | 15.33 -0.33 0.00 | 19.02 -0.25 0.00 | 17.06 -0.44 0.24 | 11.10 -0.30 0.00 | -2.62 -0.20 0.00 | 18.23 -0.59 0.00 | 18.73 -0.67 -0.17 | 17.97 -0.62 0.00 | 16.75 -0.64 -0.02 | 16.15 -0.73 0.00 | 12.25 -0.65 -0.50 | 15.01 -0.90 -0.09 | 16.76 -0.72 0.00 | 18.97 -0.73 0.00 | 20.15 -0.73 0.00 | 22.23 -0.79 0.00 | 20.15 -0.50 0.00 | 19.93 -0.57 0.00 | 17.27 -0.38 0.00 |
| ERIE_WT_PWR 323693 | 18.41 -0.38 0.00 | 17.55 -0.40 0.00 | 14.63 -0.44 -0.47 | 9.02 -0.24 -1.71 | 15.64 -0.49 -0.01 | 15.22 -0.43 0.00 | 18.87 -0.40 0.00 | 16.93 -0.58 0.23 | 10.99 -0.40 0.00 | -2.62 -0.20 0.00 | 18.10 -0.71 0.00 | 18.66 -0.80 -0.22 | 17.83 -0.75 0.00 | 16.65 -0.74 -0.02 | 16.01 -0.88 -0.01 | 12.13 -0.76 -0.50 | 14.86 -1.05 -0.09 | 16.56 -0.92 0.00 | 18.77 -0.93 0.00 | 19.96 -0.92 0.00 | 22.00 -1.02 0.00 | 19.95 -0.70 0.00 | 19.76 -0.74 0.00 | 17.11 -0.54 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 19.60 0.81 0.00 | 18.72 0.77 0.00 | 14.79 0.61 0.42 | 6.33 0.31 1.54 | 16.79 0.68 0.01 | 16.44 0.78 0.00 | 20.35 1.08 0.00 | 18.75 1.00 0.00 | 12.04 0.64 0.00 | -2.59 -0.17 0.00 | 19.80 0.99 0.00 | 20.21 0.98 0.00 | 19.53 0.95 0.00 | 18.23 0.87 0.00 | 17.67 0.79 0.00 | 12.52 0.57 0.45 | 16.48 0.74 0.08 | 18.33 0.85 0.00 | 20.73 1.03 0.00 | 22.02 1.14 0.00 | 24.28 1.26 0.00 | 21.82 1.17 0.00 | 21.60 1.11 0.00 | 18.55 0.90 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 19.05 0.26 0.00 | 18.18 0.23 0.00 | 15.36 0.16 -0.59 | 9.80 0.09 -2.15 | 16.35 0.21 -0.02 | 15.90 0.25 0.00 | 19.71 0.44 0.00 | 18.40 0.35 -0.30 | 11.57 0.18 0.00 | -2.54 -0.12 0.00 | 18.99 0.18 0.00 | 19.38 0.13 -0.01 | 18.70 0.12 0.00 | 17.50 0.13 0.00 | 16.97 0.09 0.00 | 13.11 0.05 -0.66 | 16.00 0.06 -0.12 | 17.68 0.20 0.00 | 20.02 0.32 0.00 | 21.27 0.39 0.00 | 23.49 0.48 0.00 | 21.10 0.45 0.00 | 20.83 0.33 0.00 | 17.94 0.29 0.00 |
| ETNA____115KV_TB2 80207 | 19.05 0.26 0.00 | 18.18 0.23 0.00 | 15.36 0.16 -0.59 | 9.80 0.09 -2.15 | 16.35 0.21 -0.02 | 15.90 0.25 0.00 | 19.71 0.44 0.00 | 18.40 0.35 -0.30 | 11.57 0.18 0.00 | -2.54 -0.12 0.00 | 18.99 0.18 0.00 | 19.38 0.13 -0.01 | 18.70 0.12 0.00 | 17.50 0.13 0.00 | 16.97 0.09 0.00 | 13.11 0.05 -0.66 | 16.00 0.06 -0.12 | 17.68 0.20 0.00 | 20.02 0.32 0.00 | 21.27 0.39 0.00 | 23.49 0.48 0.00 | 21.10 0.45 0.00 | 20.83 0.33 0.00 | 17.94 0.29 0.00 |
| EUCLID____115KV_TB2 356179 | 18.42 -0.37 0.00 | 17.57 -0.38 0.00 | 14.52 -0.34 -0.26 | 8.34 -0.18 -0.96 | 15.77 -0.36 -0.01 | 15.33 -0.33 0.00 | 18.94 -0.33 0.00 | 17.52 -0.35 -0.12 | 11.15 -0.24 0.00 | -2.41 0.01 0.00 | 18.37 -0.44 0.00 | 18.77 -0.46 0.00 | 18.13 -0.44 0.00 | 16.97 -0.40 0.00 | 16.47 -0.41 0.00 | 12.36 -0.33 -0.28 | 15.44 -0.43 -0.05 | 17.10 -0.39 0.00 | 19.31 -0.40 0.00 | 20.47 -0.41 0.00 | 22.58 -0.44 0.00 | 20.28 -0.38 0.00 | 20.06 -0.43 0.00 | 17.28 -0.37 0.00 |
| E_CANADA_CAP_HY 24051 | 19.86 1.07 0.00 | 18.95 1.00 0.00 | 19.29 0.80 -3.89 | 22.10 0.42 -14.12 | 17.11 0.89 -0.11 | 16.67 1.02 0.00 | 20.60 1.33 0.00 | 18.97 1.23 0.00 | 14.75 0.78 -2.59 | 4.21 -0.20 -6.83 | 19.96 1.15 0.00 | 20.38 1.15 0.00 | 19.67 1.10 0.00 | 18.35 0.98 0.00 | 17.79 0.92 0.00 | 17.32 0.70 -4.22 | 17.48 0.90 -0.76 | 18.50 1.02 0.00 | 20.95 1.24 -0.01 | 22.29 1.41 0.00 | 24.59 1.57 0.00 | 22.11 1.46 0.00 | 21.89 1.39 0.00 | 18.79 1.14 0.00 |
| E_CANADA_MHWK_HY 24050 | 18.86 0.07 0.00 | 18.08 0.13 0.00 | 14.72 0.13 0.00 | 7.62 0.07 0.00 | 16.28 0.16 0.00 | 15.69 0.03 0.00 | 19.34 0.07 0.00 | 17.73 -0.01 0.00 | 11.31 -0.09 0.00 | -2.43 -0.01 0.00 | 18.64 -0.17 0.00 | 19.08 -0.16 0.00 | 18.40 -0.18 0.00 | 17.26 -0.10 0.00 | 16.87 -0.01 0.00 | 12.44 0.05 0.00 | 15.83 0.02 0.00 | 17.55 0.06 0.00 | 19.79 0.09 0.00 | 21.10 0.21 0.00 | 23.31 0.29 0.00 | 20.88 0.23 0.00 | 20.66 0.16 0.00 | 17.81 0.16 0.00 |
| E_FISHKILL____LBMP 23776 | 19.60 0.81 0.00 | 18.74 0.78 0.00 | 17.81 0.66 -2.55 | 17.14 0.33 -9.25 | 16.90 0.71 -0.07 | 16.33 0.68 0.00 | 20.12 0.85 0.00 | 18.59 0.84 0.00 | 17.91 0.59 -5.93 | 13.26 -0.02 -15.70 | 19.82 1.01 0.00 | 20.28 1.04 0.00 | 19.65 1.06 0.00 | 18.41 1.04 0.00 | 17.92 1.04 0.00 | 15.95 0.79 -2.77 | 17.32 1.01 -0.50 | 18.54 1.06 0.00 | 20.85 1.15 0.00 | 22.04 1.15 0.00 | 24.28 1.26 0.00 | 21.73 1.08 0.00 | 21.57 1.07 0.00 | 18.58 0.93 0.00 |
| FALCON____SEABRD_CC1 323796 | 19.01 0.21 0.00 | 17.93 -0.02 0.00 | 14.62 0.02 0.00 | 7.59 0.04 0.00 | 16.22 0.10 0.00 | 15.81 0.15 0.00 | 19.57 0.30 0.00 | 16.87 0.31 1.19 | 11.65 0.25 0.00 | -2.56 -0.14 0.00 | 19.48 0.67 0.00 | 19.88 0.64 0.00 | 19.17 0.59 0.00 | 17.86 0.49 0.00 | 17.31 0.43 0.00 | 12.72 0.32 0.00 | 16.23 0.41 0.00 | 17.89 0.40 0.00 | 20.25 0.55 0.00 | 21.42 0.54 0.00 | 23.57 0.56 0.00 | 21.03 0.37 0.00 | 20.74 0.24 0.00 | 17.80 0.15 0.00 |
| FALCON____SEABRD_CC2 323797 | 19.01 0.21 0.00 | 17.93 -0.02 0.00 | 14.62 0.02 0.00 | 7.59 0.04 0.00 | 16.22 0.10 0.00 | 15.81 0.15 0.00 | 19.57 0.30 0.00 | 16.87 0.31 1.19 | 11.65 0.25 0.00 | -2.56 -0.14 0.00 | 19.48 0.67 0.00 | 19.88 0.64 0.00 | 19.17 0.59 0.00 | 17.86 0.49 0.00 | 17.31 0.43 0.00 | 12.72 0.32 0.00 | 16.23 0.41 0.00 | 17.89 0.40 0.00 | 20.25 0.55 0.00 | 21.42 0.54 0.00 | 23.57 0.56 0.00 | 21.03 0.37 0.00 | 20.74 0.24 0.00 | 17.80 0.15 0.00 |
| FAR ROCKAWAY____4 23548 | 20.25 1.46 0.00 | 19.34 1.39 0.00 | 18.26 1.16 -2.50 | 17.22 0.59 -9.07 | 18.16 1.28 -0.76 | 18.64 1.19 -1.79 | 20.69 1.42 0.00 | 19.11 1.37 0.00 | 30.19 0.96 -17.84 | 44.82 0.04 -47.19 | 20.43 1.62 0.00 | 20.90 1.67 0.00 | 20.27 1.69 0.00 | 19.02 1.66 0.00 | 18.48 1.60 0.00 | 38.09 1.22 -24.47 | 17.83 1.52 -0.49 | 18.94 1.45 0.00 | 21.11 1.41 0.00 | 22.40 1.51 0.00 | 24.76 1.75 0.00 | 22.19 1.54 0.00 | 22.20 1.71 0.00 | 19.18 1.53 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 19.81 1.02 0.00 | 18.93 0.98 0.00 | 17.91 0.81 -2.50 | 17.04 0.41 -9.07 | 17.07 0.88 -0.07 | 16.50 0.85 0.00 | 20.35 1.08 0.00 | 18.85 1.10 0.00 | 30.18 0.79 -18.00 | 45.17 -0.04 -47.62 | 20.21 1.39 0.00 | 20.67 1.44 0.00 | 20.06 1.48 0.00 | 18.78 1.41 0.00 | 18.28 1.40 0.00 | 16.15 1.04 -2.71 | 17.62 1.31 -0.49 | 18.86 1.37 0.00 | 21.21 1.50 0.00 | 22.38 1.50 0.00 | 24.65 1.63 0.00 | 22.05 1.40 0.00 | 21.92 1.42 0.00 | 18.86 1.21 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 19.82 1.03 0.00 | 18.94 0.99 0.00 | 17.92 0.82 -2.50 | 17.04 0.42 -9.07 | 17.07 0.89 -0.07 | 16.51 0.86 0.00 | 20.37 1.10 0.00 | 18.86 1.12 0.00 | 30.18 0.79 -18.00 | 45.17 -0.03 -47.62 | 20.22 1.40 0.00 | 20.69 1.45 0.00 | 20.07 1.49 0.00 | 18.79 1.42 0.00 | 18.29 1.41 0.00 | 16.16 1.05 -2.71 | 17.63 1.32 -0.49 | 18.87 1.38 0.00 | 21.22 1.51 0.00 | 22.39 1.51 0.00 | 24.66 1.64 0.00 | 22.06 1.41 0.00 | 21.93 1.44 0.00 | 18.87 1.22 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 19.81 1.01 0.00 | 18.93 0.98 0.00 | 17.91 0.81 -2.50 | 17.04 0.41 -9.07 | 17.06 0.88 -0.07 | 16.50 0.84 0.00 | 20.35 1.08 0.00 | 18.84 1.10 0.00 | 30.18 0.79 -18.00 | 45.17 -0.03 -47.62 | 20.21 1.39 0.00 | 20.67 1.44 0.00 | 20.06 1.48 0.00 | 18.78 1.41 0.00 | 18.28 1.40 0.00 | 16.15 1.03 -2.71 | 17.61 1.31 -0.49 | 18.85 1.37 0.00 | 21.20 1.49 0.00 | 22.37 1.49 0.00 | 24.63 1.62 0.00 | 22.04 1.39 0.00 | 21.91 1.41 0.00 | 18.85 1.21 0.00 |

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|--|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FARRAGUT___LBMP 323566 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.87 -0.07 | 16.49 0.83 0.00 | 20.33 1.07 0.00 | 18.83 1.08 0.00 | 30.17 0.77 -18.00 | 45.18 -0.02 -47.62 | 20.19 1.37 0.00 | 20.65 1.42 0.00 | 20.04 1.46 0.00 | 18.76 1.39 0.00 | 18.26 1.38 0.00 | 16.13 1.02 -2.71 | 17.60 1.29 -0.49 | 18.83 1.35 0.00 | 21.18 1.47 0.00 | 22.36 1.48 0.00 | 24.62 1.60 0.00 | 22.02 1.37 0.00 | 21.90 1.40 0.00 | 18.84 1.19 0.00 |
| FENNER___WINDPWR 24204 | 19.01 0.22 0.00 | 18.15 0.20 0.00 | 15.07 0.14 -0.34 | 8.85 0.07 -1.22 | 16.33 0.20 -0.01 | 15.86 0.21 0.00 | 19.62 0.35 0.00 | 18.28 0.26 -0.27 | 11.52 0.13 0.00 | -2.48 -0.06 0.00 | 18.98 0.16 0.00 | 19.37 0.14 0.00 | 18.71 0.13 0.00 | 17.51 0.15 0.00 | 17.00 0.12 0.00 | 12.84 0.07 -0.37 | 15.98 0.09 -0.07 | 17.66 0.17 0.00 | 19.96 0.26 0.00 | 21.23 0.35 0.00 | 23.44 0.42 0.00 | 21.05 0.39 0.00 | 20.82 0.32 0.00 | 17.94 0.29 0.00 |
| FIBERTEK___ENERGY 23856 | 18.63 -0.16 0.00 | 17.76 -0.19 0.00 | 14.72 -0.18 -0.31 | 8.57 -0.09 -1.11 | 15.96 -0.17 -0.01 | 15.52 -0.14 0.00 | 19.19 -0.08 0.00 | 17.92 -0.13 -0.30 | 11.29 -0.11 0.00 | -2.45 -0.03 0.00 | 18.59 -0.22 0.00 | 18.99 -0.25 0.00 | 18.35 -0.23 0.00 | 17.16 -0.21 0.00 | 16.65 -0.23 0.00 | 12.53 -0.19 -0.33 | 15.61 -0.26 -0.06 | 17.30 -0.19 0.00 | 19.54 -0.16 0.00 | 20.73 -0.16 0.00 | 22.85 -0.16 0.00 | 20.52 -0.13 0.00 | 20.28 -0.22 0.00 | 17.48 -0.17 0.00 |
| FITZPATRICK____ 23598 | 18.15 -0.64 0.00 | 17.31 -0.63 0.00 | 14.27 -0.54 -0.21 | 8.04 -0.28 -0.78 | 15.54 -0.58 -0.01 | 15.11 -0.55 0.00 | 18.65 -0.62 0.00 | 17.13 -0.61 0.00 | 10.98 -0.41 0.00 | -2.38 0.04 0.00 | 18.09 -0.72 0.00 | 18.48 -0.75 0.00 | 17.86 -0.72 0.00 | 16.71 -0.66 0.00 | 16.22 -0.66 0.00 | 12.12 -0.50 -0.23 | 15.20 -0.66 -0.04 | 16.82 -0.66 0.00 | 19.00 -0.70 0.00 | 20.15 -0.73 0.00 | 22.22 -0.80 0.00 | 19.96 -0.69 0.00 | 19.76 -0.74 0.00 | 17.02 -0.63 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 20.30 1.51 0.00 | 19.41 1.46 0.00 | 18.38 1.28 -2.50 | 17.27 0.64 -9.07 | 18.34 1.38 -0.85 | 18.76 1.31 -1.79 | 20.73 1.47 0.00 | 19.10 1.36 0.00 | 30.18 0.95 -17.84 | 44.81 0.04 -47.19 | 20.10 1.29 0.00 | 20.51 1.28 0.00 | 19.86 1.29 0.01 | 16.69 1.28 1.95 | 17.33 1.23 0.77 | 37.87 0.99 -24.47 | 17.58 1.28 -0.49 | 18.69 1.21 0.00 | 21.02 1.32 0.00 | 22.37 1.49 0.00 | 24.80 1.78 0.00 | 22.15 1.50 0.00 | 22.13 1.63 0.00 | 19.12 1.48 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 19.80 1.01 0.00 | 18.92 0.97 0.00 | 17.90 0.80 -2.50 | 17.03 0.40 -9.07 | 17.05 0.86 -0.07 | 16.50 0.84 0.00 | 20.34 1.08 0.00 | 18.81 1.06 0.00 | 12.12 0.72 0.00 | -2.47 -0.05 0.00 | 20.02 1.20 0.00 | 20.49 1.26 0.00 | 19.87 1.29 0.00 | 18.63 1.26 0.00 | 18.12 1.24 0.00 | 16.05 0.95 -2.71 | 17.52 1.21 -0.49 | 18.79 1.31 0.00 | 21.14 1.43 0.00 | 22.35 1.47 0.00 | 24.63 1.61 0.00 | 22.03 1.38 0.00 | 21.84 1.34 0.00 | 18.79 1.14 0.00 |
| FORT ORANGE____ 23900 | 19.57 0.78 0.00 | 18.71 0.76 0.00 | 18.31 0.63 -3.08 | 19.04 0.32 -11.17 | 16.88 0.67 -0.08 | 16.27 0.61 0.00 | 19.97 0.70 0.00 | 18.40 0.66 0.00 | 15.55 0.33 -3.82 | 7.67 -0.01 -10.10 | 19.19 0.38 0.00 | 19.63 0.39 0.00 | 18.95 0.37 0.00 | 17.77 0.41 0.00 | 17.33 0.44 0.00 | 16.11 0.38 -3.34 | 16.90 0.49 -0.60 | 18.07 0.59 0.00 | 20.36 0.65 0.00 | 21.57 0.69 0.00 | 23.76 0.74 0.00 | 21.27 0.62 0.00 | 21.12 0.62 0.00 | 18.21 0.56 0.00 |
| FORT_DRUM_COGEN 23780 | 19.01 0.22 0.00 | 17.97 0.02 0.00 | 14.78 0.02 -0.16 | 8.18 0.04 -0.59 | 16.29 0.16 0.00 | 15.94 0.29 0.00 | 19.78 0.51 0.00 | 19.19 0.37 -1.07 | 11.52 0.13 0.00 | -2.45 -0.03 0.00 | 18.68 -0.13 0.00 | 18.97 -0.26 0.00 | 18.31 -0.27 0.00 | 17.06 -0.30 0.00 | 16.52 -0.36 0.00 | 12.30 -0.27 -0.17 | 15.49 -0.36 -0.03 | 17.18 -0.31 0.00 | 19.53 -0.17 0.00 | 20.97 0.09 0.00 | 23.47 0.46 0.00 | 21.16 0.51 0.00 | 20.93 0.43 0.00 | 18.01 0.36 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 20.25 1.46 0.00 | 19.34 1.39 0.00 | 18.26 1.16 -2.50 | 17.22 0.59 -9.07 | 18.16 1.28 -0.76 | 18.64 1.19 -1.79 | 20.69 1.43 0.00 | 19.11 1.37 0.00 | 30.19 0.96 -17.84 | 44.81 0.04 -47.19 | 20.43 1.62 0.00 | 20.90 1.67 0.00 | 20.26 1.69 0.00 | 19.02 1.66 0.00 | 18.48 1.60 0.00 | 38.09 1.22 -24.47 | 17.83 1.52 -0.49 | 18.94 1.46 0.00 | 21.11 1.41 0.00 | 22.40 1.52 0.00 | 24.76 1.75 0.00 | 22.19 1.54 0.00 | 22.20 1.70 0.00 | 19.18 1.54 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 20.25 1.46 0.00 | 19.34 1.39 0.00 | 18.26 1.16 -2.50 | 17.22 0.59 -9.07 | 18.16 1.28 -0.76 | 18.64 1.19 -1.79 | 20.69 1.43 0.00 | 19.11 1.37 0.00 | 30.19 0.96 -17.84 | 44.81 0.04 -47.19 | 20.43 1.62 0.00 | 20.90 1.67 0.00 | 20.26 1.69 0.00 | 19.02 1.66 0.00 | 18.48 1.60 0.00 | 38.09 1.22 -24.47 | 17.83 1.52 -0.49 | 18.94 1.46 0.00 | 21.11 1.41 0.00 | 22.40 1.52 0.00 | 24.76 1.75 0.00 | 22.19 1.54 0.00 | 22.20 1.70 0.00 | 19.18 1.54 0.00 |
| FRANKLIN_FALL_HYD 24054 | 18.91 0.12 0.00 | 17.88 -0.07 0.00 | 14.57 -0.03 0.00 | 7.55 0.00 0.00 | 16.15 0.03 0.00 | 15.73 0.07 0.00 | 19.43 0.16 0.00 | 24.99 0.20 -7.04 | 11.57 0.17 0.00 | -2.53 -0.11 0.00 | 19.25 0.44 0.00 | 19.63 0.40 0.00 | 18.94 0.37 0.00 | 17.60 0.23 0.00 | 17.03 0.15 0.00 | 12.51 0.11 0.00 | 15.98 0.16 0.00 | 17.63 0.14 0.00 | 19.91 0.21 0.00 | 21.12 0.24 0.00 | 23.32 0.30 0.00 | 20.89 0.24 0.00 | 20.66 0.16 0.00 | 17.74 0.09 0.00 |
| FREEPORT_EQUS_GT1 23764 | 20.16 1.36 0.00 | 19.24 1.29 0.00 | 18.19 1.09 -2.50 | 17.19 0.56 -9.07 | 18.10 1.18 -0.80 | 18.58 1.13 -1.79 | 20.61 1.34 0.00 | 19.03 1.29 0.00 | 30.12 0.89 -17.84 | 44.85 0.08 -47.19 | 20.29 1.48 0.00 | 20.76 1.52 0.00 | 20.12 1.54 0.00 | 18.87 1.51 0.00 | 18.32 1.44 0.00 | 37.97 1.10 -24.47 | 17.62 1.32 -0.49 | 18.76 1.28 0.00 | 21.03 1.33 0.00 | 22.32 1.44 0.00 | 24.70 1.68 0.00 | 22.14 1.49 0.00 | 22.08 1.58 0.00 | 19.06 1.41 0.00 |
| FREEPORT___CT2 23818 | 20.16 1.36 0.00 | 19.24 1.29 0.00 | 18.19 1.09 -2.50 | 17.19 0.56 -9.07 | 18.10 1.18 -0.80 | 18.58 1.13 -1.79 | 20.61 1.34 0.00 | 19.03 1.29 0.00 | 30.12 0.89 -17.84 | 44.85 0.08 -47.19 | 20.29 1.48 0.00 | 20.76 1.52 0.00 | 20.12 1.54 0.00 | 18.87 1.51 0.00 | 18.32 1.44 0.00 | 37.97 1.10 -24.47 | 17.62 1.32 -0.49 | 18.76 1.28 0.00 | 21.03 1.33 0.00 | 22.32 1.44 0.00 | 24.70 1.68 0.00 | 22.14 1.49 0.00 | 22.08 1.58 0.00 | 19.06 1.41 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 19.75 0.96 0.00 | 18.90 0.95 0.00 | 17.89 0.79 -2.50 | 17.03 0.40 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.34 1.07 0.00 | 18.78 1.04 0.00 | 30.12 0.73 -18.00 | 45.18 -0.01 -47.61 | 20.21 1.39 -0.01 | 20.65 1.41 -0.01 | 19.98 1.39 -0.01 | 18.68 1.30 -0.01 | 18.19 1.30 -0.01 | 16.08 0.97 -2.72 | 17.53 1.22 -0.50 | 18.79 1.31 -0.01 | 21.16 1.46 0.00 | 22.37 1.49 0.00 | 24.66 1.64 0.00 | 22.06 1.41 0.00 | 21.94 1.44 0.00 | 18.90 1.25 0.00 |
| FULTON COGEN____ 23766 | 18.38 -0.41 0.00 | 17.53 -0.42 0.00 | 14.49 -0.37 -0.25 | 8.29 -0.19 -0.93 | 15.73 -0.40 -0.01 | 15.31 -0.35 0.00 | 18.92 -0.35 0.00 | 17.52 -0.37 -0.15 | 11.13 -0.26 0.00 | -2.41 0.01 0.00 | 18.32 -0.50 0.00 | 18.72 -0.52 0.00 | 18.08 -0.50 0.00 | 16.91 -0.45 0.00 | 16.41 -0.47 0.00 | 12.31 -0.36 -0.27 | 15.39 -0.48 -0.05 | 17.04 -0.44 0.00 | 19.26 -0.45 0.00 | 20.43 -0.44 0.00 | 22.54 -0.47 0.00 | 20.25 -0.40 0.00 | 20.03 -0.46 0.00 | 17.26 -0.39 0.00 |

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| FULTON___LFGE 323630 | 20.29 1.50 0.00 | 19.41 1.47 0.00 | 19.46 1.20 -3.66 | 21.45 0.61 -13.29 | 17.61 1.39 -0.10 | 17.00 1.34 0.00 | 20.86 1.59 0.00 | 19.13 1.39 0.00 | 15.16 0.79 -2.97 | 4.85 -0.60 -7.87 | 19.78 0.97 0.00 | 20.12 0.89 0.00 | 19.39 0.81 0.00 | 18.09 0.72 0.00 | 17.82 0.94 0.00 | 17.24 0.87 -3.97 | 17.55 1.01 -0.72 | 18.49 1.01 0.00 | 21.35 1.65 -0.01 | 22.85 1.97 0.00 | 25.18 2.16 0.00 | 22.63 1.98 0.00 | 22.37 1.88 0.00 | 19.31 1.66 0.00 |
| G.F.CEMENT___DRP 24184 | 19.90 1.11 0.00 | 18.96 1.01 0.00 | 18.74 0.91 -3.23 | 19.73 0.48 -11.70 | 17.24 1.03 -0.09 | 16.73 1.07 0.00 | 20.61 1.34 0.00 | 18.96 1.21 0.00 | 15.92 0.73 -3.79 | 7.47 -0.14 -10.04 | 20.01 1.20 0.00 | 20.50 1.26 0.00 | 19.67 1.09 0.00 | 18.42 1.05 0.00 | 17.90 1.02 0.00 | 16.68 0.79 -3.50 | 17.43 0.98 -0.63 | 18.64 1.15 0.00 | 21.06 1.35 0.00 | 22.29 1.41 0.00 | 24.59 1.58 0.00 | 22.08 1.43 0.00 | 21.91 1.42 0.00 | 18.83 1.18 0.00 |
| GARDENVILLE___LBMP 24039 | 18.36 -0.43 0.00 | 17.48 -0.47 0.00 | 14.58 -0.49 -0.47 | 9.00 -0.26 -1.71 | 15.58 -0.55 -0.01 | 15.17 -0.49 0.00 | 18.81 -0.46 0.00 | 16.87 -0.64 0.23 | 10.96 -0.44 0.00 | -2.59 -0.17 0.00 | 18.03 -0.78 0.00 | 18.60 -0.88 -0.25 | 17.76 -0.82 0.00 | 16.58 -0.81 -0.03 | 15.96 -0.93 -0.01 | 12.09 -0.81 -0.50 | 14.80 -1.11 -0.09 | 16.53 -0.96 0.00 | 18.71 -0.99 0.00 | 19.88 -1.00 0.00 | 21.92 -1.10 0.00 | 19.88 -0.77 0.00 | 19.68 -0.81 0.00 | 17.06 -0.59 0.00 |
| GARDNVLA_35_KV_LD 355827 | 18.43 -0.36 0.00 | 17.56 -0.39 0.00 | 14.64 -0.43 -0.47 | 9.03 -0.23 -1.72 | 15.65 -0.48 -0.01 | 15.23 -0.43 0.00 | 18.88 -0.39 0.00 | 16.95 -0.57 0.23 | 11.01 -0.39 0.00 | -2.60 -0.18 0.00 | 18.13 -0.69 0.00 | 18.67 -0.78 -0.21 | 17.86 -0.72 0.00 | 16.67 -0.72 -0.02 | 16.04 -0.84 -0.01 | 12.15 -0.75 -0.50 | 14.88 -1.03 -0.09 | 16.62 -0.86 0.00 | 18.81 -0.89 0.00 | 20.00 -0.88 0.00 | 22.04 -0.97 0.00 | 19.98 -0.67 0.00 | 19.78 -0.72 0.00 | 17.14 -0.51 0.00 |
| GELCKHM___115KV_LOAD 80723 | 18.50 -0.30 0.00 | 17.63 -0.32 0.00 | 14.59 -0.29 -0.28 | 8.42 -0.15 -1.02 | 15.84 -0.29 -0.01 | 15.40 -0.26 0.00 | 19.03 -0.23 0.00 | 17.70 -0.27 -0.22 | 11.20 -0.19 0.00 | -2.43 -0.01 0.00 | 18.45 -0.36 0.00 | 18.85 -0.38 0.00 | 18.22 -0.36 0.00 | 17.04 -0.33 0.00 | 16.53 -0.35 0.00 | 12.42 -0.27 -0.30 | 15.50 -0.37 -0.05 | 17.17 -0.32 0.00 | 19.40 -0.30 0.00 | 20.57 -0.31 0.00 | 22.68 -0.33 0.00 | 20.36 -0.29 0.00 | 20.14 -0.36 0.00 | 17.35 -0.29 0.00 |
| GENERAL___MILLS 23808 | 18.41 -0.39 0.00 | 17.53 -0.42 0.00 | 14.62 -0.46 -0.47 | 9.02 -0.24 -1.71 | 15.62 -0.51 -0.01 | 15.20 -0.46 0.00 | 18.85 -0.42 0.00 | 16.92 -0.60 0.23 | 10.99 -0.40 0.00 | -2.60 -0.18 0.00 | 18.09 -0.73 0.00 | 18.64 -0.82 -0.22 | 17.82 -0.76 0.00 | 16.63 -0.88 -0.02 | 16.01 -0.88 -0.01 | 12.12 -0.77 -0.50 | 14.84 -1.07 -0.09 | 16.58 -0.90 0.00 | 18.77 -0.93 0.00 | 19.94 -0.94 0.00 | 21.99 -1.03 0.00 | 19.94 -0.71 0.00 | 19.73 -0.76 0.00 | 17.10 -0.55 0.00 |
| GE_PLASTICS___DRP 24183 | 19.43 0.64 0.00 | 18.58 0.64 0.00 | 18.22 0.53 -3.09 | 19.02 0.27 -11.19 | 16.77 0.57 -0.08 | 16.17 0.51 0.00 | 19.85 0.58 0.00 | 18.30 0.55 0.00 | 15.54 0.30 -3.84 | 7.73 -0.02 -10.16 | 19.21 0.40 0.00 | 19.64 0.41 0.00 | 18.97 0.39 0.00 | 17.79 0.42 0.00 | 17.33 0.45 0.00 | 16.11 0.36 -3.35 | 16.88 0.46 -0.60 | 18.02 0.54 0.00 | 20.29 0.58 0.00 | 21.49 0.60 0.00 | 23.66 0.64 0.00 | 21.20 0.55 0.00 | 21.05 0.55 0.00 | 18.15 0.51 0.00 |
| GILBOA___1 23756 | 19.28 0.49 0.00 | 18.49 0.54 0.00 | 17.51 0.45 -2.46 | 16.71 0.23 -8.92 | 16.68 0.49 -0.07 | 16.06 0.41 0.00 | 19.76 0.49 0.00 | 18.22 0.48 0.00 | 11.70 0.30 0.00 | -2.45 -0.03 0.00 | 19.29 0.48 0.00 | 19.73 0.50 0.00 | 19.07 0.49 0.00 | 17.86 0.50 0.00 | 17.38 0.50 0.00 | 15.45 0.38 -2.67 | 16.78 0.48 -0.48 | 18.03 0.55 0.00 | 20.30 0.60 0.00 | 21.47 0.59 0.00 | 23.65 0.63 0.00 | 21.22 0.57 0.00 | 21.06 0.57 0.00 | 18.15 0.50 0.00 |
| GILBOA___2 23757 | 19.28 0.49 0.00 | 18.49 0.54 0.00 | 17.51 0.45 -2.46 | 16.71 0.23 -8.92 | 16.68 0.49 -0.07 | 16.06 0.41 0.00 | 19.76 0.49 0.00 | 18.22 0.48 0.00 | 11.70 0.30 0.00 | -2.45 -0.03 0.00 | 19.29 0.48 0.00 | 19.73 0.50 0.00 | 19.07 0.49 0.00 | 17.86 0.50 0.00 | 17.38 0.50 0.00 | 15.45 0.38 -2.67 | 16.78 0.48 -0.48 | 18.03 0.55 0.00 | 20.30 0.60 0.00 | 21.47 0.59 0.00 | 23.65 0.63 0.00 | 21.22 0.57 0.00 | 21.06 0.57 0.00 | 18.15 0.50 0.00 |
| GILBOA___3 23758 | 19.28 0.49 0.00 | 18.49 0.54 0.00 | 17.51 0.45 -2.46 | 16.71 0.23 -8.92 | 16.68 0.49 -0.07 | 16.06 0.41 0.00 | 19.76 0.49 0.00 | 18.22 0.48 0.00 | 11.70 0.30 0.00 | -2.45 -0.03 0.00 | 19.29 0.48 0.00 | 19.73 0.50 0.00 | 19.07 0.49 0.00 | 17.86 0.50 0.00 | 17.38 0.50 0.00 | 15.45 0.38 -2.67 | 16.78 0.48 -0.48 | 18.03 0.55 0.00 | 20.30 0.60 0.00 | 21.47 0.59 0.00 | 23.65 0.63 0.00 | 21.22 0.57 0.00 | 21.06 0.57 0.00 | 18.15 0.50 0.00 |
| GILBOA___4 23759 | 19.28 0.49 0.00 | 18.49 0.54 0.00 | 17.51 0.45 -2.46 | 16.71 0.23 -8.92 | 16.68 0.49 -0.07 | 16.06 0.41 0.00 | 19.76 0.49 0.00 | 18.22 0.48 0.00 | 11.70 0.30 0.00 | -2.45 -0.03 0.00 | 19.29 0.48 0.00 | 19.73 0.50 0.00 | 19.07 0.49 0.00 | 17.86 0.50 0.00 | 17.38 0.50 0.00 | 15.45 0.38 -2.67 | 16.78 0.48 -0.48 | 18.03 0.55 0.00 | 20.30 0.60 0.00 | 21.47 0.59 0.00 | 23.65 0.63 0.00 | 21.22 0.57 0.00 | 21.06 0.57 0.00 | 18.15 0.50 0.00 |
| GILBOA___ 23599 | 19.28 0.49 0.00 | 18.49 0.54 0.00 | 17.51 0.45 -2.46 | 16.71 0.23 -8.92 | 16.67 0.49 -0.07 | 16.06 0.41 0.00 | 19.76 0.49 0.00 | 18.22 0.48 0.00 | 11.70 0.30 0.00 | -2.44 -0.03 0.00 | 19.29 0.48 0.00 | 19.73 0.50 0.00 | 19.07 0.50 0.00 | 17.86 0.50 0.00 | 17.38 0.50 0.00 | 15.45 0.38 -2.67 | 16.78 0.48 -0.48 | 18.03 0.55 0.00 | 20.30 0.60 0.00 | 21.47 0.59 0.00 | 23.64 0.63 0.00 | 21.22 0.57 0.00 | 21.07 0.57 0.00 | 18.15 0.50 0.00 |
| GINNA___ 23603 | 17.59 -1.20 0.00 | 16.75 -1.20 0.00 | 13.91 -1.04 -0.34 | 8.26 -0.54 -1.24 | 14.99 -1.14 -0.01 | 14.59 -1.07 0.00 | 18.05 -1.22 0.00 | 15.71 -1.33 0.70 | 10.46 -0.94 0.00 | -2.35 0.07 0.00 | 17.15 -1.66 0.00 | 17.49 -1.73 0.02 | 16.92 -1.66 0.00 | 15.82 -1.55 0.00 | 15.30 -1.58 0.00 | 11.53 -1.22 -0.35 | 14.32 -1.56 -0.06 | 16.08 -1.41 0.00 | 18.25 -1.45 0.00 | 19.39 -1.49 0.00 | 21.37 -1.64 0.00 | 19.27 -1.38 0.00 | 19.06 -1.44 0.00 | 16.43 -1.22 0.00 |
| GLEN PARK___ 23778 | 19.08 0.28 0.00 | 18.02 0.07 0.00 | 14.82 0.06 -0.17 | 8.23 0.06 -0.61 | 16.33 0.21 0.00 | 16.00 0.34 0.00 | 19.85 0.58 0.00 | 19.18 0.42 -1.01 | 11.54 0.14 0.00 | -2.45 -0.03 0.00 | 18.65 -0.16 0.00 | 18.94 -0.29 0.00 | 18.28 -0.30 0.00 | 17.04 -0.32 0.00 | 16.50 -0.38 0.00 | 12.29 -0.28 -0.18 | 15.47 -0.37 -0.03 | 17.16 -0.33 0.00 | 19.53 -0.17 0.00 | 21.00 0.11 0.00 | 23.57 0.56 0.00 | 21.26 0.61 0.00 | 21.01 0.52 0.00 | 18.08 0.43 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 19.90 1.11 0.00 | 19.02 1.07 0.00 | 17.98 0.88 -2.50 | 17.07 0.45 -9.07 | 17.14 0.95 -0.07 | 16.58 0.92 0.00 | 20.47 1.21 0.00 | 18.96 1.21 0.00 | 30.25 0.85 -18.00 | 45.15 -0.05 -47.61 | 20.34 1.52 -0.01 | 20.82 1.58 -0.01 | 20.20 1.61 -0.01 | 167.96 1.53 -149.06 | 26.70 1.51 -8.31 | 23.93 1.12 -10.41 | 19.10 1.42 -1.87 | 18.99 1.50 -0.01 | 21.34 1.64 0.00 | 22.53 1.65 0.00 | 24.81 1.79 0.00 | 22.20 1.55 0.00 | 22.05 1.56 0.00 | 18.97 1.32 0.00 |

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| GLENWOOD_IC_1_G5 23712 | 19.99 1.19 0.00 | 19.10 1.15 0.00 | 18.06 0.96 -2.50 | 17.12 0.49 -9.07 | 17.90 1.04 -0.74 | 18.46 1.01 -1.79 | 20.50 1.23 0.00 | 18.94 1.19 0.00 | 30.07 0.83 -17.84 | 44.78 0.00 -47.19 | 20.26 1.45 0.00 | 20.74 1.50 0.00 | 20.10 1.52 0.00 | 18.85 1.48 0.00 | 18.32 1.44 0.00 | 37.96 1.09 -24.47 | 17.58 1.27 -0.49 | 18.74 1.26 0.00 | 21.03 1.33 0.00 | 22.26 1.37 0.00 | 24.57 1.55 0.00 | 21.96 1.31 0.00 | 21.84 1.35 0.00 | 18.95 1.30 0.00 |
| GLENWOOD_IC_2_G1 23688 | 19.90 1.11 0.00 | 19.01 1.06 0.00 | 17.99 0.89 -2.50 | 17.08 0.45 -9.07 | 17.20 0.96 -0.12 | 18.37 0.92 -1.79 | 20.41 1.14 0.00 | 18.86 1.12 0.00 | 30.01 0.78 -17.84 | 44.77 0.00 -47.19 | 20.17 1.36 0.00 | 20.63 1.40 0.00 | 20.01 1.42 0.00 | 18.75 1.38 0.00 | 18.24 1.36 0.00 | 37.90 1.03 -24.47 | 17.58 1.28 -0.49 | 18.79 1.30 0.00 | 21.09 1.38 0.00 | 22.30 1.42 0.00 | 24.60 1.59 0.00 | 22.00 1.36 0.00 | 21.87 1.37 0.00 | 18.87 1.22 0.00 |
| GLENWOOD_IC_3_G1 23689 | 19.90 1.11 0.00 | 19.01 1.06 0.00 | 17.99 0.89 -2.50 | 17.08 0.45 -9.07 | 17.20 0.96 -0.12 | 18.37 0.92 -1.79 | 20.41 1.14 0.00 | 18.86 1.12 0.00 | 30.01 0.78 -17.84 | 44.77 0.00 -47.19 | 20.17 1.36 0.00 | 20.63 1.40 0.00 | 20.01 1.42 0.00 | 18.75 1.38 0.00 | 18.24 1.36 0.00 | 37.90 1.03 -24.47 | 17.58 1.28 -0.49 | 18.79 1.30 0.00 | 21.09 1.38 0.00 | 22.30 1.42 0.00 | 24.60 1.59 0.00 | 22.00 1.36 0.00 | 21.87 1.37 0.00 | 18.87 1.22 0.00 |
| GLENWOOD___4 23550 | 19.99 1.19 0.00 | 19.10 1.15 0.00 | 18.06 0.96 -2.50 | 17.12 0.49 -9.07 | 17.90 1.04 -0.74 | 18.46 1.01 -1.79 | 20.50 1.23 0.00 | 18.94 1.19 0.00 | 30.07 0.83 -17.84 | 44.78 0.00 -47.19 | 20.26 1.45 0.00 | 20.74 1.50 0.00 | 20.10 1.52 0.00 | 18.85 1.48 0.00 | 18.32 1.44 0.00 | 37.97 1.10 -24.47 | 17.61 1.31 -0.49 | 18.80 1.31 0.00 | 21.08 1.38 0.00 | 22.31 1.43 0.00 | 24.63 1.61 0.00 | 22.01 1.36 0.00 | 21.89 1.40 0.00 | 18.95 1.30 0.00 |
| GLENWOOD___5 23614 | 19.99 1.19 0.00 | 19.10 1.15 0.00 | 18.06 0.96 -2.50 | 17.12 0.49 -9.07 | 17.90 1.04 -0.74 | 18.46 1.01 -1.79 | 20.50 1.23 0.00 | 18.94 1.19 0.00 | 30.07 0.83 -17.84 | 44.78 0.00 -47.19 | 20.26 1.45 0.00 | 20.74 1.50 0.00 | 20.10 1.52 0.00 | 18.85 1.48 0.00 | 18.32 1.44 0.00 | 37.97 1.10 -24.47 | 17.61 1.31 -0.49 | 18.80 1.31 0.00 | 21.08 1.38 0.00 | 22.31 1.43 0.00 | 24.63 1.61 0.00 | 22.01 1.36 0.00 | 21.89 1.40 0.00 | 18.95 1.30 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 20.79 2.00 0.00 | 19.90 1.95 0.00 | 18.79 1.69 -2.50 | 17.51 0.88 -9.07 | 18.84 1.87 -0.85 | 19.22 1.77 -1.79 | 21.30 2.04 0.00 | 19.58 1.84 0.00 | 30.51 1.28 -17.84 | 44.72 -0.05 -47.19 | 20.51 1.70 0.00 | 20.89 1.66 0.00 | 20.18 1.61 0.01 | 17.46 1.56 1.47 | 17.80 1.51 0.58 | 38.09 1.22 -24.47 | 17.90 1.59 -0.49 | 19.09 1.60 0.00 | 21.48 1.77 0.00 | 22.85 1.96 0.00 | 25.31 2.29 0.00 | 22.59 1.93 0.00 | 22.53 2.03 0.00 | 19.48 1.83 0.00 |
| GLOBE___DSASP 323697 | 17.69 -1.10 0.00 | 16.82 -1.13 0.00 | 14.00 -1.03 -0.44 | 8.57 -0.57 -1.58 | 14.95 -1.18 -0.01 | 14.55 -1.11 0.00 | 17.99 -1.28 0.00 | 16.03 -1.45 0.26 | 10.45 -0.95 0.00 | -2.47 -0.05 0.00 | 17.07 -1.74 0.00 | 17.29 -1.88 0.06 | 16.82 -1.76 0.00 | 15.68 -1.69 0.00 | 15.12 -1.76 0.00 | 11.48 -1.38 -0.46 | 14.04 -1.86 -0.08 | 15.73 -1.75 0.00 | 17.85 -1.86 0.00 | 19.00 -1.88 0.00 | 20.92 -2.10 0.00 | 19.02 -1.63 0.00 | 18.87 -1.63 0.00 | 16.37 -1.28 0.00 |
| GOETHSLN___LBMP 323567 | 19.72 0.93 0.00 | 18.85 0.90 0.00 | 17.85 0.75 -2.50 | 17.00 0.38 -9.07 | 17.00 0.81 -0.07 | 16.42 0.76 0.00 | 20.25 0.98 0.00 | 18.75 1.00 0.00 | 30.12 0.72 -18.00 | 45.20 -0.01 -47.62 | 20.13 1.31 0.00 | 20.58 1.35 0.00 | 19.98 1.40 0.00 | 18.71 1.34 0.00 | 18.21 1.33 0.00 | 16.09 0.98 -2.71 | 17.54 1.24 -0.49 | 18.76 1.28 0.00 | 21.10 1.40 0.00 | 22.28 1.40 0.00 | 24.53 1.51 0.00 | 21.96 1.31 0.00 | 21.85 1.36 0.00 | 18.82 1.17 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 18.48 -0.31 0.00 | 17.59 -0.36 0.00 | 14.59 -0.37 -0.35 | 8.65 -0.19 -1.28 | 15.72 -0.41 -0.01 | 15.32 -0.33 0.00 | 18.98 -0.29 0.00 | 16.90 -0.43 0.42 | 11.07 -0.32 0.00 | -2.49 -0.07 0.00 | 18.12 -0.69 0.00 | 18.47 -0.74 0.02 | 17.86 -0.72 0.00 | 16.66 -0.71 0.00 | 16.10 -0.78 0.00 | 12.13 -0.64 -0.37 | 15.03 -0.85 -0.07 | 16.77 -0.72 0.00 | 19.04 -0.66 0.00 | 20.26 -0.62 0.00 | 22.36 -0.66 0.00 | 20.18 -0.47 0.00 | 19.97 -0.52 0.00 | 17.26 -0.39 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 19.40 0.61 0.00 | 18.55 0.60 0.00 | 15.69 0.47 -0.62 | 10.04 0.24 -2.25 | 16.67 0.53 -0.02 | 16.22 0.57 0.00 | 20.07 0.80 0.00 | 18.56 0.74 -0.07 | 11.86 0.47 0.00 | -2.53 -0.11 0.00 | 19.55 0.74 0.00 | 19.97 0.73 -0.01 | 19.30 0.72 0.00 | 18.05 0.69 0.00 | 17.53 0.65 0.00 | 13.54 0.47 -0.68 | 16.53 0.60 -0.12 | 18.17 0.69 0.00 | 20.52 0.81 0.00 | 21.75 0.87 0.00 | 23.97 0.95 0.00 | 21.51 0.87 0.00 | 21.31 0.81 0.00 | 18.32 0.67 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 19.02 0.23 0.00 | 18.20 0.24 0.00 | 15.58 0.15 -0.83 | 10.65 0.08 -3.01 | 16.34 0.19 -0.02 | 15.87 0.21 0.00 | 19.65 0.37 0.00 | 18.18 0.28 -0.15 | 11.56 0.16 0.00 | -2.56 -0.14 0.00 | 19.08 0.27 0.00 | 19.50 0.24 -0.02 | 18.82 0.24 0.00 | 17.62 0.25 0.00 | 17.07 0.19 0.00 | 13.41 0.09 -0.92 | 16.07 0.09 -0.16 | 17.67 0.18 0.00 | 19.91 0.21 0.00 | 21.09 0.21 0.00 | 23.28 0.26 0.00 | 20.92 0.27 0.00 | 20.71 0.22 0.00 | 17.85 0.20 0.00 |
| GOUDEY___7 23579 | 19.04 0.25 0.00 | 18.20 0.25 0.00 | 15.59 0.16 -0.83 | 10.65 0.09 -3.01 | 16.35 0.20 -0.02 | 15.87 0.22 0.00 | 19.66 0.39 0.00 | 18.19 0.30 -0.15 | 11.57 0.17 0.00 | -2.56 -0.14 0.00 | 19.09 0.28 0.00 | 19.51 0.26 -0.02 | 18.83 0.26 0.00 | 17.63 0.26 0.00 | 17.08 0.20 0.00 | 13.41 0.10 -0.92 | 16.09 0.10 -0.16 | 17.68 0.20 0.00 | 19.92 0.22 0.00 | 21.10 0.22 0.00 | 23.29 0.28 0.00 | 20.94 0.29 0.00 | 20.73 0.23 0.00 | 17.86 0.21 0.00 |
| GOUDEY___8 23580 | 19.02 0.23 0.00 | 18.20 0.24 0.00 | 15.58 0.15 -0.83 | 10.65 0.08 -3.01 | 16.34 0.19 -0.02 | 15.87 0.21 0.00 | 19.65 0.37 0.00 | 18.18 0.28 -0.15 | 11.56 0.16 0.00 | -2.56 -0.14 0.00 | 19.08 0.27 0.00 | 19.50 0.24 -0.02 | 18.82 0.24 0.00 | 17.62 0.25 0.00 | 17.07 0.19 0.00 | 13.41 0.09 -0.92 | 16.07 0.09 -0.16 | 17.67 0.18 0.00 | 19.91 0.21 0.00 | 21.09 0.21 0.00 | 23.28 0.26 0.00 | 20.92 0.27 0.00 | 20.71 0.22 0.00 | 17.85 0.20 0.00 |
| GOWANUS_GT1_1 24077 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT1_2 24078 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |

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| GOWANUS_GT1_3 24079 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT1_4 24080 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT1_5 24084 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT1_6 24111 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT1_7 24112 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT1_8 24113 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT2_1 24114 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT2_2 24115 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT2_3 24116 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT2_4 24117 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT2_5 24118 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT2_6 24119 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT2_7 24120 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT2_8 24121 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT3_1 24122 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |

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|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------------|------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| GOWANUS_GT3_2 24123 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT3_3 24124 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT3_4 24125 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT3_5 24126 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT3_6 24127 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT3_7 24128 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT3_8 24129 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| GOWANUS_GT4_1 24130 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT4_2 24131 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT4_3 24132 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT4_4 24133 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT4_5 24134 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT4_6 24135 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT4_7 24136 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GOWANUS_GT4_8 24137 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |

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| GREENBSH_115KV_TB3 55895 | 19.49 0.70 0.00 | 18.64 0.69 0.00 | 18.27 0.58 -3.09 | 19.07 0.29 -11.23 | 16.81 0.60 -0.08 | 16.20 0.54 0.00 | 19.88 0.61 0.00 | 18.32 0.58 0.00 | 15.65 0.29 -3.97 | 8.06 -0.02 -10.49 | 19.15 0.34 0.00 | 19.59 0.35 0.00 | 18.91 0.33 0.00 | 17.74 0.38 0.00 | 17.29 0.41 0.00 | 16.10 0.35 -3.35 | 16.86 0.44 -0.61 | 18.00 0.52 0.00 | 20.26 0.56 0.00 | 21.46 0.58 0.00 | 23.61 0.60 0.00 | 21.15 0.50 0.00 | 21.01 0.51 0.00 | 18.12 0.47 0.00 |
| GREENDGE_115KV_TB5 80291 | 18.90 0.11 0.00 | 18.05 0.10 0.00 | 15.15 0.03 -0.52 | 9.49 0.04 -1.89 | 16.29 0.15 -0.01 | 15.85 0.20 0.00 | 19.72 0.45 0.00 | 19.78 0.39 -1.65 | 11.97 0.58 0.00 | -2.70 -0.28 0.00 | 19.69 0.88 0.00 | 20.10 0.83 -0.04 | 19.32 0.74 0.00 | 18.11 0.74 0.00 | 17.49 0.61 0.00 | 13.43 0.34 -0.69 | 16.34 0.40 -0.12 | 18.10 0.61 0.00 | 20.42 0.72 0.00 | 21.68 0.80 0.00 | 24.01 0.99 0.00 | 21.60 0.95 0.00 | 21.29 0.79 0.00 | 18.34 0.69 0.00 |
| GREENIDGE___3 23582 | 18.90 0.11 0.00 | 18.05 0.10 0.00 | 15.15 0.03 -0.52 | 9.49 0.04 -1.89 | 16.29 0.15 -0.01 | 15.85 0.20 0.00 | 19.72 0.45 0.00 | 19.78 0.39 -1.65 | 11.97 0.58 0.00 | -2.70 -0.28 0.00 | 19.69 0.88 0.00 | 20.10 0.83 -0.04 | 19.32 0.74 0.00 | 18.11 0.74 0.00 | 17.49 0.61 0.00 | 13.43 0.34 -0.69 | 16.34 0.40 -0.12 | 18.10 0.61 0.00 | 20.42 0.72 0.00 | 21.68 0.80 0.00 | 24.01 0.99 0.00 | 21.60 0.95 0.00 | 21.29 0.79 0.00 | 18.34 0.69 0.00 |
| GREENIDGE___4 23583 | 18.89 0.10 0.00 | 18.06 0.11 0.00 | 15.16 0.04 -0.52 | 9.48 0.03 -1.89 | 16.30 0.16 -0.01 | 15.87 0.21 0.00 | 19.72 0.45 0.00 | 19.78 0.39 -1.65 | 11.97 0.58 0.00 | -2.69 -0.27 0.00 | 19.68 0.87 0.00 | 20.10 0.83 -0.04 | 19.32 0.74 0.00 | 18.12 0.75 0.00 | 17.49 0.61 0.00 | 13.43 0.33 -0.69 | 16.34 0.40 -0.12 | 18.09 0.61 0.00 | 20.42 0.72 0.00 | 21.68 0.80 0.00 | 24.00 0.99 0.00 | 21.60 0.95 0.00 | 21.30 0.80 0.00 | 18.34 0.69 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 20.04 1.25 0.00 | 19.15 1.20 0.00 | 18.15 1.05 -2.50 | 17.15 0.53 -9.07 | 18.09 1.13 -0.84 | 18.52 1.07 -1.79 | 20.51 1.24 0.00 | 18.93 1.19 0.00 | 30.07 0.84 -17.84 | 44.83 0.05 -47.19 | 20.16 1.34 0.00 | 20.60 1.36 0.00 | 19.97 1.39 -0.01 | 18.99 1.30 -0.32 | 18.28 1.28 -0.13 | 37.90 1.03 -24.47 | 17.60 1.30 -0.49 | 18.70 1.22 0.00 | 20.95 1.24 0.00 | 22.21 1.33 0.00 | 24.57 1.56 0.00 | 21.96 1.31 0.00 | 21.93 1.43 0.00 | 18.97 1.32 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 19.83 1.04 0.00 | 18.96 1.02 0.00 | 17.93 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |
| GRISSOM___SOLAR 323813 | 20.29 1.50 0.00 | 19.41 1.47 0.00 | 19.46 1.20 -3.66 | 21.45 0.61 -13.29 | 17.61 1.39 -0.10 | 17.00 1.34 0.00 | 20.86 1.59 0.00 | 19.13 1.39 0.00 | 15.16 0.79 -2.97 | 4.85 -0.60 -7.87 | 19.78 0.97 0.00 | 20.12 0.89 0.00 | 19.39 0.81 0.00 | 18.09 0.72 0.00 | 17.82 0.94 0.00 | 17.24 0.87 -3.97 | 17.55 1.01 -0.72 | 18.49 1.01 0.00 | 21.35 1.65 -0.01 | 22.85 1.97 0.00 | 25.18 2.16 0.00 | 22.63 1.98 0.00 | 22.37 1.88 0.00 | 19.31 1.66 0.00 |
| GROVEVILLE___HYD 323602 | 19.80 1.01 0.00 | 18.92 0.97 0.00 | 17.90 0.80 -2.50 | 17.03 0.40 -9.07 | 17.05 0.86 -0.07 | 16.50 0.84 0.00 | 20.34 1.08 0.00 | 18.81 1.06 0.00 | 12.12 0.72 0.00 | -2.47 -0.05 0.00 | 20.02 1.20 0.00 | 20.49 1.26 0.00 | 19.87 1.29 0.00 | 18.63 1.26 0.00 | 18.12 1.24 0.00 | 16.05 0.95 -2.71 | 17.52 1.21 -0.49 | 18.79 1.31 0.00 | 21.14 1.43 0.00 | 22.35 1.47 0.00 | 24.63 1.61 0.00 | 22.03 1.38 0.00 | 21.84 1.34 0.00 | 18.79 1.14 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 18.63 -0.16 0.00 | 17.76 -0.19 0.00 | 14.72 -0.18 -0.31 | 8.57 -0.09 -1.11 | 15.96 -0.17 -0.01 | 15.52 -0.14 0.00 | 19.19 -0.08 0.00 | 17.92 -0.13 -0.30 | 11.29 -0.11 0.00 | -2.45 -0.03 0.00 | 18.59 -0.22 0.00 | 18.99 -0.25 0.00 | 18.35 -0.23 0.00 | 17.16 -0.21 0.00 | 16.65 -0.23 0.00 | 12.53 -0.19 -0.33 | 15.61 -0.26 -0.06 | 17.30 -0.19 0.00 | 19.54 -0.16 0.00 | 20.73 -0.16 0.00 | 22.85 -0.16 0.00 | 20.52 -0.13 0.00 | 20.28 -0.22 0.00 | 17.48 -0.17 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 18.66 -0.14 0.00 | 17.77 -0.18 0.00 | 14.75 -0.17 -0.32 | 8.64 -0.08 -1.17 | 15.97 -0.16 -0.01 | 15.56 -0.10 0.00 | 19.25 -0.02 0.00 | 18.00 -0.07 -0.33 | 11.30 -0.09 0.00 | -2.46 -0.04 0.00 | 18.64 -0.17 0.00 | 19.03 -0.20 0.00 | 18.40 -0.18 0.00 | 17.19 -0.17 0.00 | 16.69 -0.19 0.00 | 12.57 -0.16 -0.34 | 15.64 -0.24 -0.06 | 17.33 -0.15 0.00 | 19.60 -0.10 0.00 | 20.78 -0.10 0.00 | 22.92 -0.10 0.00 | 20.58 -0.07 0.00 | 20.32 -0.18 0.00 | 17.49 -0.16 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 18.81 0.02 0.00 | 17.85 -0.09 0.00 | 14.61 -0.07 -0.08 | 7.84 -0.02 -0.31 | 16.13 0.00 0.00 | 15.73 0.08 0.00 | 19.43 0.16 0.00 | 20.52 0.13 -2.65 | 11.45 0.05 0.00 | -2.44 -0.02 0.00 | 18.78 -0.03 0.00 | 19.08 -0.16 0.00 | 18.40 -0.18 0.00 | 17.08 -0.29 0.00 | 16.47 -0.41 0.00 | 12.19 -0.30 -0.09 | 15.46 -0.37 -0.02 | 17.07 -0.42 0.00 | 19.31 -0.39 0.00 | 20.62 -0.27 0.00 | 22.94 -0.08 0.00 | 20.75 0.10 0.00 | 20.62 0.12 0.00 | 17.73 0.08 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 18.86 0.06 0.00 | 18.08 0.13 0.00 | 14.72 0.12 0.00 | 7.62 0.06 0.00 | 16.28 0.16 0.00 | 15.69 0.03 0.00 | 19.33 0.06 0.00 | 17.73 -0.01 0.00 | 11.34 -0.06 0.00 | -2.43 -0.01 0.00 | 18.72 -0.09 0.00 | 19.15 -0.08 0.00 | 18.47 -0.10 0.00 | 17.32 -0.04 0.00 | 16.91 0.02 0.00 | 12.46 0.06 0.00 | 15.85 0.04 0.00 | 17.56 0.08 0.00 | 19.81 0.11 0.00 | 21.10 0.21 0.00 | 23.29 0.27 0.00 | 20.87 0.21 0.00 | 20.67 0.17 0.00 | 17.83 0.18 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 19.68 0.89 0.00 | 18.80 0.85 0.00 | 17.64 0.70 -2.34 | 16.40 0.36 -8.49 | 16.95 0.77 -0.06 | 16.38 0.72 0.00 | 20.19 0.92 0.00 | 18.66 0.92 0.00 | -10.83 0.64 22.86 | -62.93 -0.04 60.48 | 19.88 1.08 0.00 | 20.36 1.13 0.00 | 19.75 1.17 0.00 | 18.52 1.15 0.00 | 18.03 1.15 0.00 | 15.81 0.87 -2.54 | 17.38 1.11 -0.46 | 18.66 1.18 0.00 | 20.99 1.29 0.00 | 22.18 1.30 0.00 | 24.44 1.42 0.00 | 21.86 1.21 0.00 | 21.69 1.19 0.00 | 18.69 1.04 0.00 |
| HARSNRAD_115KV_TB1 81005 | 17.99 -0.80 0.00 | 17.10 -0.85 0.00 | 14.22 -0.81 -0.43 | 8.69 -0.43 -1.56 | 15.22 -0.92 -0.01 | 14.81 -0.85 0.00 | 18.33 -0.94 0.00 | 16.35 -1.11 0.28 | 10.65 -0.74 0.00 | -2.52 -0.10 0.00 | 17.42 -1.39 0.00 | 17.70 -1.53 0.01 | 17.15 -1.43 0.00 | 15.99 -1.38 0.00 | 15.40 -1.48 0.00 | 11.69 -1.16 -0.45 | 14.31 -1.59 -0.08 | 16.04 -1.45 0.00 | 18.19 -1.51 0.00 | 19.38 -1.51 0.00 | 21.34 -1.67 0.00 | 19.40 -1.25 0.00 | 19.22 -1.28 0.00 | 16.68 -0.97 0.00 |
| HARZA MOOSE___RIVER 24016 | 19.06 0.27 0.00 | 18.12 0.17 0.00 | 14.83 0.12 -0.11 | 8.03 0.09 -0.39 | 16.35 0.23 0.00 | 15.92 0.27 0.00 | 19.71 0.44 0.00 | 18.85 0.36 -0.75 | 11.57 0.17 0.00 | -2.46 -0.04 0.00 | 18.98 0.17 0.00 | 19.32 0.09 0.00 | 18.65 0.07 0.00 | 17.41 0.05 0.00 | 16.88 0.00 0.00 | 12.51 -0.01 -0.12 | 15.84 0.00 -0.02 | 17.53 0.05 0.00 | 19.87 0.17 0.00 | 21.21 0.32 0.00 | 23.50 0.49 0.00 | 21.14 0.49 0.00 | 20.93 0.43 0.00 | 18.03 0.39 0.00 |

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| HDSNBRDG_115KV_BRDG_TB1 355580 | 18.51 -0.28 0.00 | 17.65 -0.30 0.00 | 14.61 -0.28 -0.28 | 8.43 -0.14 -1.02 | 15.84 -0.29 -0.01 | 15.41 -0.25 0.00 | 19.04 -0.22 0.00 | 17.61 -0.25 -0.12 | 11.22 -0.18 0.00 | -2.43 -0.02 0.00 | 18.47 -0.34 0.00 | 18.88 -0.35 0.00 | 18.24 -0.34 0.00 | 17.06 -0.30 0.00 | 16.56 -0.32 0.00 | 12.44 -0.26 -0.30 | 15.53 -0.34 -0.05 | 17.19 -0.29 0.00 | 19.42 -0.28 0.00 | 20.59 -0.29 0.00 | 22.70 -0.32 0.00 | 20.39 -0.26 0.00 | 20.17 -0.33 0.00 | 17.37 -0.28 0.00 |
| HELLGATE_13_KV_LD 55870 | 19.84 1.05 0.00 | 18.97 1.02 0.00 | 17.95 0.85 -2.50 | 17.06 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.88 0.00 | 20.41 1.14 0.00 | 18.89 1.15 0.00 | 30.21 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.26 1.44 -0.01 | 20.73 1.49 -0.01 | 20.11 1.52 -0.01 | 167.71 1.44 -148.90 | 26.62 1.44 -8.30 | 23.87 1.07 -10.41 | 19.04 1.35 -1.87 | 18.91 1.42 -0.01 | 21.26 1.56 0.00 | 22.44 1.56 0.00 | 24.72 1.70 0.00 | 22.12 1.47 0.00 | 21.97 1.48 0.00 | 18.90 1.26 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 19.84 1.05 0.00 | 18.97 1.02 0.00 | 17.95 0.85 -2.50 | 17.06 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.88 0.00 | 20.41 1.14 0.00 | 18.89 1.15 0.00 | 30.21 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.26 1.44 -0.01 | 20.73 1.49 -0.01 | 20.11 1.52 -0.01 | 167.71 1.44 -148.90 | 26.62 1.44 -8.30 | 23.87 1.07 -10.41 | 19.04 1.35 -1.87 | 18.91 1.42 -0.01 | 21.26 1.56 0.00 | 22.44 1.56 0.00 | 24.72 1.70 0.00 | 22.12 1.47 0.00 | 21.97 1.48 0.00 | 18.90 1.26 0.00 |
| HEMPSTEAD____ 23647 | 20.00 1.21 0.00 | 19.10 1.15 0.00 | 18.08 0.97 -2.50 | 17.13 0.50 -9.07 | 17.95 1.05 -0.78 | 18.46 1.01 -1.79 | 20.49 1.22 0.00 | 18.92 1.18 0.00 | 30.06 0.82 -17.84 | 44.82 0.04 -47.19 | 20.20 1.39 0.00 | 20.66 1.43 0.00 | 20.04 1.46 0.00 | 18.79 1.43 0.00 | 18.24 1.37 0.00 | 37.92 1.04 -24.47 | 17.58 1.27 -0.49 | 18.72 1.23 0.00 | 20.99 1.28 0.00 | 22.24 1.36 0.00 | 24.59 1.57 0.00 | 22.00 1.35 0.00 | 21.93 1.43 0.00 | 18.94 1.29 0.00 |
| HEWLETT__69_KV_BK3 55828 | 20.18 1.39 0.00 | 19.27 1.32 0.00 | 18.21 1.11 -2.50 | 17.19 0.57 -9.07 | 18.10 1.22 -0.76 | 18.59 1.14 -1.79 | 20.62 1.35 0.00 | 19.04 1.30 0.00 | 30.14 0.91 -17.84 | 44.83 0.05 -47.19 | 20.35 1.54 0.00 | 20.82 1.59 0.00 | 20.19 1.61 0.00 | 18.95 1.58 0.00 | 18.41 1.53 0.00 | 38.04 1.17 -24.47 | 17.76 1.45 -0.49 | 18.88 1.40 0.00 | 21.10 1.39 0.00 | 22.39 1.51 0.00 | 24.75 1.73 0.00 | 22.14 1.49 0.00 | 22.11 1.62 0.00 | 19.11 1.46 0.00 |
| HICKLING___1 23621 | 19.16 0.36 0.00 | 18.33 0.38 0.00 | 15.50 0.23 -0.67 | 10.11 0.13 -2.42 | 16.45 0.31 -0.02 | 16.04 0.38 0.00 | 19.93 0.66 0.00 | 18.68 0.52 -0.42 | 11.80 0.41 0.00 | -2.69 -0.27 0.00 | 19.52 0.71 0.00 | 19.96 0.68 -0.04 | 19.09 0.51 0.00 | 17.88 0.50 -0.01 | 17.25 0.37 0.00 | 13.31 0.15 -0.76 | 16.11 0.16 -0.14 | 17.81 0.32 0.00 | 20.06 0.36 0.00 | 21.27 0.38 0.00 | 23.51 0.50 0.00 | 21.17 0.52 0.00 | 20.92 0.42 0.00 | 18.01 0.36 0.00 |
| HICKLING___2 23622 | 19.16 0.36 0.00 | 18.33 0.38 0.00 | 15.50 0.23 -0.67 | 10.11 0.13 -2.42 | 16.45 0.31 -0.02 | 16.04 0.38 0.00 | 19.93 0.66 0.00 | 18.68 0.52 -0.42 | 11.80 0.41 0.00 | -2.69 -0.27 0.00 | 19.52 0.71 0.00 | 19.96 0.68 -0.04 | 19.09 0.51 0.00 | 17.88 0.50 -0.01 | 17.25 0.37 0.00 | 13.31 0.15 -0.76 | 16.11 0.16 -0.14 | 17.81 0.32 0.00 | 20.06 0.36 0.00 | 21.27 0.38 0.00 | 23.51 0.50 0.00 | 21.17 0.52 0.00 | 20.92 0.42 0.00 | 18.01 0.36 0.00 |
| HIGH FALLS___HY 23754 | 19.69 0.90 0.00 | 18.82 0.87 0.00 | 17.75 0.70 -2.45 | 16.79 0.35 -8.88 | 16.96 0.77 -0.07 | 16.39 0.73 0.00 | 20.24 0.97 0.00 | 18.71 0.96 0.00 | 12.08 0.69 0.00 | -2.44 -0.03 0.00 | 19.98 1.17 0.00 | 20.45 1.21 0.00 | 19.84 1.26 0.00 | 18.64 1.27 0.00 | 18.07 1.19 0.00 | 15.93 0.88 -2.66 | 17.45 1.15 -0.48 | 18.70 1.22 0.00 | 21.03 1.32 0.00 | 22.25 1.36 0.00 | 24.66 1.64 0.00 | 22.07 1.42 0.00 | 21.86 1.36 0.00 | 18.84 1.19 0.00 |
| HILLBURN___GT 23639 | 19.66 0.87 0.00 | 18.81 0.86 0.00 | 17.68 0.71 -2.37 | 16.52 0.36 -8.62 | 16.96 0.77 -0.06 | 16.36 0.70 0.00 | 20.16 0.89 0.00 | 18.64 0.90 0.00 | -13.75 0.63 25.77 | -70.63 -0.02 68.18 | 19.90 1.09 0.00 | 20.38 1.15 0.00 | 19.77 1.19 0.00 | 18.53 1.17 0.00 | 18.04 1.16 0.00 | 15.85 0.87 -2.58 | 17.37 1.09 -0.46 | 18.63 1.15 0.00 | 20.93 1.23 0.00 | 22.11 1.24 0.00 | 24.37 1.35 0.00 | 21.80 1.15 0.00 | 21.64 1.15 0.00 | 18.68 1.03 0.00 |
| HILLSIDE_115KV_TB1 80332 | 18.95 0.16 0.00 | 18.15 0.20 0.00 | 15.37 0.09 -0.69 | 10.10 0.06 -2.49 | 16.29 0.15 -0.02 | 15.84 0.18 0.00 | 19.68 0.41 0.00 | 18.41 0.29 -0.38 | 11.59 0.19 0.00 | -2.65 -0.23 0.00 | 19.22 0.41 0.00 | 19.65 0.38 -0.04 | 18.91 0.34 0.00 | 17.72 0.35 0.00 | 17.11 0.23 0.00 | 13.23 0.05 -0.78 | 15.97 0.01 -0.14 | 17.61 0.13 0.00 | 19.80 0.10 0.00 | 20.97 0.09 0.00 | 23.18 0.17 0.00 | 20.87 0.22 0.00 | 20.64 0.14 0.00 | 17.81 0.16 0.00 |
| HISHELDN_WT_PWR 323625 | 18.33 -0.47 0.00 | 17.50 -0.45 0.00 | 14.64 -0.46 -0.51 | 9.15 -0.25 -1.84 | 15.63 -0.50 -0.01 | 15.21 -0.45 0.00 | 18.85 -0.42 0.00 | 17.44 -0.58 -0.27 | 11.00 -0.40 0.00 | -2.61 -0.18 0.00 | 18.08 -0.73 0.00 | 18.59 -0.80 -0.16 | 17.83 -0.75 0.00 | 16.66 -0.73 -0.02 | 16.03 -0.86 0.00 | 12.20 -0.74 -0.54 | 14.88 -1.04 -0.10 | 16.57 -0.92 0.00 | 18.77 -0.93 0.00 | 19.94 -0.94 0.00 | 21.99 -1.03 0.00 | 19.91 -0.74 0.00 | 19.72 -0.78 0.00 | 17.07 -0.58 0.00 |
| HOLTSVILLE_IC_1 23690 | 20.21 1.42 0.00 | 19.32 1.37 0.00 | 18.30 1.20 -2.50 | 17.25 0.62 -9.07 | 18.27 1.30 -0.85 | 18.66 1.21 -1.79 | 20.62 1.35 0.00 | 19.00 1.25 0.00 | 30.12 0.88 -17.84 | 44.82 0.05 -47.19 | 20.03 1.22 0.00 | 20.44 1.20 0.00 | 19.77 1.20 0.01 | 17.12 1.20 1.45 | 17.46 1.15 0.57 | 37.80 0.92 -24.47 | 17.49 1.18 -0.49 | 18.57 1.09 0.00 | 20.87 1.16 0.00 | 22.19 1.31 0.00 | 24.59 1.57 0.00 | 21.97 1.32 0.00 | 21.96 1.46 0.00 | 19.04 1.39 0.00 |
| HOLTSVILLE_IC_10 23699 | 20.30 1.51 0.00 | 19.40 1.45 0.00 | 18.36 1.26 -2.50 | 17.28 0.66 -9.07 | 18.33 1.36 -0.85 | 18.74 1.29 -1.79 | 20.72 1.45 0.00 | 19.09 1.34 0.00 | 30.18 0.94 -17.84 | 44.81 0.03 -47.19 | 20.10 1.29 0.00 | 20.50 1.27 0.00 | 19.84 1.27 0.01 | 17.09 1.26 1.54 | 17.49 1.22 0.61 | 37.85 0.98 -24.47 | 17.56 1.25 -0.49 | 18.66 1.18 0.00 | 20.98 1.28 0.00 | 22.32 1.44 0.00 | 24.74 1.73 0.00 | 22.10 1.45 0.00 | 22.07 1.58 0.00 | 19.11 1.46 0.00 |
| HOLTSVILLE_IC_2 23691 | 20.21 1.42 0.00 | 19.32 1.37 0.00 | 18.30 1.20 -2.50 | 17.25 0.62 -9.07 | 18.27 1.30 -0.85 | 18.66 1.21 -1.79 | 20.62 1.35 0.00 | 19.00 1.25 0.00 | 30.12 0.88 -17.84 | 44.82 0.05 -47.19 | 20.03 1.22 0.00 | 20.44 1.20 0.00 | 19.77 1.20 0.01 | 17.12 1.20 1.45 | 17.46 1.15 0.57 | 37.80 0.92 -24.47 | 17.49 1.18 -0.49 | 18.57 1.09 0.00 | 20.87 1.16 0.00 | 22.19 1.31 0.00 | 24.59 1.57 0.00 | 21.97 1.32 0.00 | 21.96 1.46 0.00 | 19.04 1.39 0.00 |
| HOLTSVILLE_IC_3 23692 | 20.21 1.42 0.00 | 19.32 1.37 0.00 | 18.30 1.20 -2.50 | 17.25 0.62 -9.07 | 18.27 1.30 -0.85 | 18.66 1.21 -1.79 | 20.62 1.35 0.00 | 19.00 1.25 0.00 | 30.12 0.88 -17.84 | 44.82 0.05 -47.19 | 20.03 1.22 0.00 | 20.44 1.20 0.00 | 19.77 1.20 0.01 | 17.12 1.20 1.45 | 17.46 1.15 0.57 | 37.80 0.92 -24.47 | 17.49 1.18 -0.49 | 18.57 1.09 0.00 | 20.87 1.16 0.00 | 22.19 1.31 0.00 | 24.59 1.57 0.00 | 21.97 1.32 0.00 | 21.96 1.46 0.00 | 19.04 1.39 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HOLTSVILLE_IC_4 23693 | 20.21 1.42 0.00 | 19.32 1.37 0.00 | 18.30 1.20 -2.50 | 17.25 0.62 -9.07 | 18.27 1.30 -0.85 | 18.66 1.21 -1.79 | 20.62 1.35 0.00 | 19.00 1.25 0.00 | 30.12 0.88 -17.84 | 44.82 0.05 -47.19 | 20.03 1.22 0.00 | 20.44 1.20 0.00 | 19.77 1.20 0.01 | 17.12 1.20 1.45 | 17.46 1.15 0.57 | 37.80 0.92 -24.47 | 17.49 1.18 -0.49 | 18.57 1.09 0.00 | 20.87 1.16 0.00 | 22.19 1.31 0.00 | 24.59 1.57 0.00 | 21.97 1.32 0.00 | 21.96 1.46 0.00 | 19.04 1.39 0.00 |
| HOLTSVILLE_IC_5 23694 | 20.21 1.42 0.00 | 19.32 1.37 0.00 | 18.30 1.20 -2.50 | 17.25 0.62 -9.07 | 18.27 1.30 -0.85 | 18.66 1.21 -1.79 | 20.62 1.35 0.00 | 19.00 1.25 0.00 | 30.12 0.88 -17.84 | 44.82 0.05 -47.19 | 20.03 1.22 0.00 | 20.44 1.20 0.00 | 19.77 1.20 0.01 | 17.12 1.20 1.45 | 17.46 1.15 0.57 | 37.80 0.92 -24.47 | 17.49 1.18 -0.49 | 18.57 1.09 0.00 | 20.87 1.16 0.00 | 22.19 1.31 0.00 | 24.59 1.57 0.00 | 21.97 1.32 0.00 | 21.96 1.46 0.00 | 19.04 1.39 0.00 |
| HOLTSVILLE_IC_6 23695 | 20.30 1.51 0.00 | 19.40 1.45 0.00 | 18.36 1.26 -2.50 | 17.28 0.66 -9.07 | 18.33 1.36 -0.85 | 18.74 1.29 -1.79 | 20.72 1.45 0.00 | 19.09 1.34 0.00 | 30.18 0.94 -17.84 | 44.81 0.03 -47.19 | 20.10 1.29 0.00 | 20.50 1.27 0.00 | 19.84 1.27 0.01 | 17.09 1.26 1.54 | 17.49 1.22 0.61 | 37.85 0.98 -24.47 | 17.56 1.25 -0.49 | 18.66 1.18 0.00 | 20.98 1.28 0.00 | 22.32 1.44 0.00 | 24.74 1.73 0.00 | 22.10 1.45 0.00 | 22.07 1.58 0.00 | 19.11 1.46 0.00 |
| HOLTSVILLE_IC_7 23696 | 20.30 1.51 0.00 | 19.40 1.45 0.00 | 18.36 1.26 -2.50 | 17.28 0.66 -9.07 | 18.33 1.36 -0.85 | 18.74 1.29 -1.79 | 20.72 1.45 0.00 | 19.09 1.34 0.00 | 30.18 0.94 -17.84 | 44.81 0.03 -47.19 | 20.10 1.29 0.00 | 20.50 1.27 0.00 | 19.84 1.27 0.01 | 17.09 1.26 1.54 | 17.49 1.22 0.61 | 37.85 0.98 -24.47 | 17.56 1.25 -0.49 | 18.66 1.18 0.00 | 20.98 1.28 0.00 | 22.32 1.44 0.00 | 24.74 1.73 0.00 | 22.10 1.45 0.00 | 22.07 1.58 0.00 | 19.11 1.46 0.00 |
| HOLTSVILLE_IC_8 23697 | 20.30 1.51 0.00 | 19.40 1.45 0.00 | 18.36 1.26 -2.50 | 17.28 0.66 -9.07 | 18.33 1.36 -0.85 | 18.74 1.29 -1.79 | 20.72 1.45 0.00 | 19.09 1.34 0.00 | 30.18 0.94 -17.84 | 44.81 0.03 -47.19 | 20.10 1.29 0.00 | 20.50 1.27 0.00 | 19.84 1.27 0.01 | 17.09 1.26 1.54 | 17.49 1.22 0.61 | 37.85 0.98 -24.47 | 17.56 1.25 -0.49 | 18.66 1.18 0.00 | 20.98 1.28 0.00 | 22.32 1.44 0.00 | 24.74 1.73 0.00 | 22.10 1.45 0.00 | 22.07 1.58 0.00 | 19.11 1.46 0.00 |
| HOLTSVILLE_IC_9 23698 | 20.30 1.51 0.00 | 19.40 1.45 0.00 | 18.36 1.26 -2.50 | 17.28 0.66 -9.07 | 18.33 1.36 -0.85 | 18.74 1.29 -1.79 | 20.72 1.45 0.00 | 19.09 1.34 0.00 | 30.18 0.94 -17.84 | 44.81 0.03 -47.19 | 20.10 1.29 0.00 | 20.50 1.27 0.00 | 19.84 1.27 0.01 | 17.09 1.26 1.54 | 17.49 1.22 0.61 | 37.85 0.98 -24.47 | 17.56 1.25 -0.49 | 18.66 1.18 0.00 | 20.98 1.28 0.00 | 22.32 1.44 0.00 | 24.74 1.73 0.00 | 22.10 1.45 0.00 | 22.07 1.58 0.00 | 19.11 1.46 0.00 |
| HOMER_HL_115KV_TB2 355744 | 19.16 0.37 0.00 | 18.29 0.34 0.00 | 15.28 0.16 -0.52 | 9.53 0.09 -1.88 | 16.42 0.28 -0.01 | 15.99 0.33 0.00 | 19.87 0.60 0.00 | 18.15 0.40 0.00 | 11.64 0.24 0.00 | -2.76 -0.34 0.00 | 19.51 0.70 0.00 | 20.01 0.59 -0.19 | 19.14 0.56 0.00 | 17.89 0.50 -0.02 | 17.19 0.30 0.00 | 12.88 -0.07 -0.55 | 15.77 -0.15 -0.10 | 17.48 0.00 0.00 | 19.69 -0.01 0.00 | 20.86 -0.02 0.00 | 23.05 0.03 0.00 | 20.82 0.17 0.00 | 20.68 0.18 0.00 | 17.95 0.30 0.00 |
| HOWARD_WT_PWR 323690 | 18.94 0.15 0.00 | 18.13 0.17 0.00 | 15.30 0.16 -0.54 | 9.67 0.17 -1.95 | 16.70 0.57 -0.01 | 16.30 0.65 0.00 | 20.33 1.06 0.00 | 19.23 0.90 -0.58 | 12.07 0.67 0.00 | -2.73 -0.31 0.00 | 19.83 1.02 0.00 | 20.25 0.95 -0.06 | 19.43 0.85 0.00 | 18.25 0.87 -0.01 | 17.58 0.69 0.00 | 13.37 0.34 -0.63 | 16.33 0.40 -0.11 | 18.10 0.62 0.00 | 20.40 0.69 0.00 | 21.64 0.76 0.00 | 24.03 1.01 0.00 | 21.68 1.03 0.00 | 21.37 0.88 0.00 | 18.41 0.76 0.00 |
| HQ_GEN_CEDARS 23644 | 18.66 -0.13 0.00 | 17.80 -0.15 0.00 | 14.49 -0.11 0.00 | 7.50 -0.06 0.00 | 16.01 -0.11 0.00 | 15.56 -0.10 0.00 | 19.09 -0.18 0.00 | 21.52 -0.11 -3.89 | 11.36 -0.04 0.00 | -2.43 -0.01 0.00 | 18.81 0.00 0.00 | 19.12 -0.12 0.00 | 18.45 -0.13 0.00 | 17.14 -0.23 0.00 | 16.59 -0.29 0.00 | 12.18 -0.21 0.00 | 15.57 -0.24 0.00 | 17.17 -0.31 0.00 | 19.34 -0.36 0.00 | 20.53 -0.35 0.00 | 22.69 -0.33 0.00 | 20.43 -0.22 0.00 | 20.32 -0.17 0.00 | 17.49 -0.15 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 18.66 -0.13 0.00 | 17.80 -0.15 0.00 | 14.49 -0.11 0.00 | 7.50 -0.05 0.00 | 16.02 -0.10 0.00 | 15.56 -0.10 0.00 | 19.09 -0.18 0.00 | 21.53 -0.11 -3.89 | 11.36 -0.04 0.00 | -2.43 -0.01 0.00 | 18.81 0.00 0.00 | 19.12 -0.11 0.00 | 18.45 -0.13 0.00 | 17.14 -0.23 0.00 | 16.59 -0.29 0.00 | 12.19 -0.21 0.00 | 15.57 -0.24 0.00 | 17.18 -0.31 0.00 | 19.34 -0.36 0.00 | 20.53 -0.35 0.00 | 22.69 -0.33 0.00 | 20.43 -0.22 0.00 | 20.33 -0.17 0.00 | 17.49 -0.16 0.00 |
| HQ_GEN_IMPORT 323601 | 18.58 -0.21 0.00 | 17.74 -0.21 0.00 | 14.44 -0.16 0.00 | 7.47 -0.08 0.00 | 15.94 -0.18 0.00 | 15.49 -0.17 0.00 | 19.02 -0.25 0.00 | 17.32 -0.22 0.20 | 11.26 -0.13 0.00 | -2.52 0.02 0.12 | 25.32 -0.18 -6.69 | 26.72 -0.18 -7.67 | 18.39 -0.19 0.00 | 17.15 -0.22 0.00 | 16.67 -0.21 0.00 | 12.24 -0.16 0.00 | 15.63 -0.19 0.00 | 17.24 -0.25 0.00 | 19.41 -0.29 0.00 | 20.58 -0.30 0.00 | 22.69 -0.33 0.00 | 20.36 -0.29 0.00 | 20.24 -0.26 0.00 | 17.42 -0.23 0.00 |
| HQ_GEN_WHEEL 23651 | 18.58 -0.21 0.00 | 17.74 -0.21 0.00 | 14.44 -0.16 0.00 | 7.47 -0.08 0.00 | 15.94 -0.18 0.00 | 15.49 -0.17 0.00 | 19.02 -0.25 0.00 | 17.32 -0.22 0.20 | 11.26 -0.13 0.00 | -2.52 0.02 0.12 | 25.32 -0.18 -6.69 | 26.72 -0.18 -7.67 | 18.39 -0.19 0.00 | 17.15 -0.22 0.00 | 16.67 -0.21 0.00 | 12.24 -0.16 0.00 | 15.63 -0.19 0.00 | 17.24 -0.25 0.00 | 19.41 -0.29 0.00 | 20.58 -0.30 0.00 | 22.69 -0.33 0.00 | 20.36 -0.29 0.00 | 20.24 -0.26 0.00 | 17.42 -0.23 0.00 |
| HUDSON_AVE_GT_3 23810 | 19.83 1.03 0.00 | 18.94 0.99 0.00 | 17.92 0.82 -2.50 | 17.05 0.42 -9.07 | 17.08 0.89 -0.07 | 16.51 0.86 0.00 | 20.37 1.10 0.00 | 18.86 1.12 0.00 | 30.19 0.79 -18.00 | 45.17 -0.04 -47.62 | 20.23 1.42 0.00 | 20.69 1.46 0.00 | 20.08 1.49 0.00 | 18.80 1.43 0.00 | 18.30 1.42 0.00 | 16.16 1.05 -2.71 | 17.64 1.33 -0.49 | 18.88 1.39 0.00 | 21.23 1.52 0.00 | 22.40 1.52 0.00 | 24.67 1.65 0.00 | 22.07 1.42 0.00 | 21.94 1.44 0.00 | 18.88 1.23 0.00 |
| HUDSON_AVE_GT_4 23540 | 19.83 1.03 0.00 | 18.94 0.99 0.00 | 17.92 0.82 -2.50 | 17.05 0.42 -9.07 | 17.08 0.89 -0.07 | 16.51 0.86 0.00 | 20.37 1.10 0.00 | 18.86 1.12 0.00 | 30.19 0.79 -18.00 | 45.17 -0.04 -47.62 | 20.23 1.42 0.00 | 20.69 1.46 0.00 | 20.08 1.49 0.00 | 18.80 1.43 0.00 | 18.30 1.42 0.00 | 16.16 1.05 -2.71 | 17.64 1.33 -0.49 | 18.88 1.39 0.00 | 21.23 1.52 0.00 | 22.40 1.52 0.00 | 24.67 1.65 0.00 | 22.07 1.42 0.00 | 21.94 1.44 0.00 | 18.88 1.23 0.00 |
| HUDSON_AVE_GT_5 23657 | 19.83 1.03 0.00 | 18.94 0.99 0.00 | 17.92 0.82 -2.50 | 17.05 0.42 -9.07 | 17.08 0.89 -0.07 | 16.51 0.86 0.00 | 20.37 1.10 0.00 | 18.86 1.12 0.00 | 30.19 0.79 -18.00 | 45.17 -0.04 -47.62 | 20.23 1.42 0.00 | 20.69 1.46 0.00 | 20.08 1.49 0.00 | 18.80 1.43 0.00 | 18.30 1.42 0.00 | 16.16 1.05 -2.71 | 17.64 1.33 -0.49 | 18.88 1.39 0.00 | 21.23 1.52 0.00 | 22.40 1.52 0.00 | 24.67 1.65 0.00 | 22.07 1.42 0.00 | 21.94 1.44 0.00 | 18.88 1.23 0.00 |

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|-------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HUDSON_AVE_10 24168 | 19.77 0.97 0.00 | 18.89 0.94 0.00 | 17.89 0.79 -2.50 | 17.03 0.40 -9.07 | 17.04 0.85 -0.07 | 16.47 0.82 0.00 | 20.32 1.05 0.00 | 18.81 1.07 0.00 | 30.16 0.76 -18.00 | 45.17 -0.03 -47.62 | 20.17 1.35 0.00 | 20.63 1.39 0.00 | 20.01 1.43 0.00 | 18.74 1.37 0.00 | 18.24 1.36 0.00 | 16.12 1.01 -2.71 | 17.59 1.28 -0.49 | 18.82 1.34 0.00 | 21.18 1.47 0.00 | 22.35 1.47 0.00 | 24.61 1.59 0.00 | 22.01 1.36 0.00 | 21.90 1.41 0.00 | 18.84 1.19 0.00 |
| HUDSON___115KV_TB 4 355613 | 19.77 0.97 0.00 | 18.90 0.95 0.00 | 18.39 0.78 -3.01 | 18.87 0.40 -10.92 | 17.05 0.85 -0.08 | 16.46 0.81 0.00 | 20.23 0.96 0.00 | 18.64 0.90 0.00 | 15.06 0.45 -3.21 | 6.03 -0.05 -8.50 | 19.31 0.50 0.00 | 19.74 0.51 0.00 | 19.06 0.49 0.00 | 17.89 0.52 0.00 | 17.42 0.54 0.00 | 16.11 0.45 -3.27 | 17.01 0.61 -0.59 | 18.25 0.77 0.00 | 20.60 0.90 0.00 | 21.88 0.99 0.00 | 24.10 1.08 0.00 | 21.58 0.93 0.00 | 21.39 0.90 0.00 | 18.43 0.78 0.00 |
| HUNTER MOUNT___DRP 323613 | 19.87 1.08 0.00 | 18.99 1.04 0.00 | 18.37 0.85 -2.92 | 18.57 0.43 -10.58 | 17.14 0.94 -0.08 | 16.56 0.90 0.00 | 20.34 1.07 0.00 | 18.74 1.00 0.00 | 11.88 0.49 0.00 | -2.48 -0.06 0.00 | 19.32 0.51 0.00 | 19.75 0.52 0.00 | 19.06 0.48 0.00 | 17.89 0.52 0.00 | 17.42 0.54 0.00 | 16.00 0.44 -3.16 | 17.01 0.62 -0.57 | 18.30 0.82 0.00 | 20.67 0.97 0.00 | 21.98 1.10 0.00 | 24.22 1.20 0.00 | 21.68 1.03 0.00 | 21.48 0.99 0.00 | 18.49 0.84 0.00 |
| HUNTINGTON_RES_REC 323705 | 20.17 1.37 0.00 | 19.25 1.30 0.00 | 18.23 1.13 -2.50 | 17.21 0.59 -9.07 | 18.18 1.21 -0.85 | 18.61 1.16 -1.79 | 20.61 1.34 0.00 | 19.01 1.27 0.00 | 30.12 0.88 -17.84 | 44.82 0.05 -47.19 | 20.13 1.32 0.00 | 20.55 1.32 0.00 | 19.88 1.33 0.03 | 15.02 1.27 3.62 | 16.70 1.25 1.44 | 37.89 1.02 -24.47 | 17.61 1.30 -0.49 | 18.72 1.23 0.00 | 21.00 1.30 0.00 | 22.30 1.42 0.00 | 24.69 1.67 0.00 | 22.06 1.41 0.00 | 22.01 1.52 0.00 | 19.03 1.38 0.00 |
| HUNTLEY___63 23557 | 18.18 -0.61 0.00 | 17.29 -0.66 0.00 | 14.39 -0.66 -0.44 | 8.81 -0.36 -1.62 | 15.40 -0.74 -0.01 | 14.97 -0.69 0.00 | 18.54 -0.73 0.00 | 16.57 -0.91 0.26 | 10.79 -0.61 0.00 | -2.55 -0.13 0.00 | 17.68 -1.14 0.00 | 17.94 -1.25 0.05 | 17.42 -1.17 0.00 | 16.24 -1.13 -0.01 | 15.63 -1.26 0.00 | 11.85 -1.02 -0.47 | 14.52 -1.39 -0.08 | 16.26 -1.23 0.00 | 18.43 -1.27 0.00 | 19.62 -1.26 0.00 | 21.60 -1.41 0.00 | 19.63 -1.02 0.00 | 19.45 -1.05 0.00 | 16.87 -0.78 0.00 |
| HUNTLEY___64 23558 | 18.18 -0.61 0.00 | 17.29 -0.66 0.00 | 14.39 -0.66 -0.44 | 8.81 -0.36 -1.62 | 15.40 -0.74 -0.01 | 14.97 -0.69 0.00 | 18.54 -0.73 0.00 | 16.57 -0.91 0.26 | 10.79 -0.61 0.00 | -2.55 -0.13 0.00 | 17.68 -1.14 0.00 | 17.94 -1.25 0.05 | 17.42 -1.17 0.00 | 16.24 -1.13 -0.01 | 15.63 -1.26 0.00 | 11.85 -1.02 -0.47 | 14.52 -1.39 -0.08 | 16.26 -1.23 0.00 | 18.43 -1.27 0.00 | 19.62 -1.26 0.00 | 21.60 -1.41 0.00 | 19.63 -1.02 0.00 | 19.45 -1.05 0.00 | 16.87 -0.78 0.00 |
| HUNTLEY___65 23559 | 18.18 -0.61 0.00 | 17.29 -0.66 0.00 | 14.39 -0.66 -0.44 | 8.81 -0.36 -1.62 | 15.40 -0.74 -0.01 | 14.97 -0.69 0.00 | 18.54 -0.73 0.00 | 16.57 -0.91 0.26 | 10.79 -0.61 0.00 | -2.55 -0.13 0.00 | 17.68 -1.14 0.00 | 17.94 -1.25 0.05 | 17.42 -1.17 0.00 | 16.24 -1.13 -0.01 | 15.63 -1.26 0.00 | 11.85 -1.02 -0.47 | 14.52 -1.39 -0.08 | 16.26 -1.23 0.00 | 18.43 -1.27 0.00 | 19.62 -1.26 0.00 | 21.60 -1.41 0.00 | 19.63 -1.02 0.00 | 19.45 -1.05 0.00 | 16.87 -0.78 0.00 |
| HUNTLEY___66 23560 | 18.18 -0.61 0.00 | 17.29 -0.66 0.00 | 14.39 -0.66 -0.44 | 8.81 -0.36 -1.62 | 15.40 -0.74 -0.01 | 14.97 -0.69 0.00 | 18.54 -0.73 0.00 | 16.57 -0.91 0.26 | 10.79 -0.61 0.00 | -2.55 -0.13 0.00 | 17.68 -1.14 0.00 | 17.94 -1.25 0.05 | 17.42 -1.17 0.00 | 16.24 -1.13 -0.01 | 15.63 -1.26 0.00 | 11.85 -1.02 -0.47 | 14.52 -1.39 -0.08 | 16.26 -1.23 0.00 | 18.43 -1.27 0.00 | 19.62 -1.26 0.00 | 21.60 -1.41 0.00 | 19.63 -1.02 0.00 | 19.45 -1.05 0.00 | 16.87 -0.78 0.00 |
| HUNTLEY___67 23561 | 18.11 -0.68 0.00 | 17.23 -0.71 0.00 | 14.36 -0.70 -0.45 | 8.83 -0.37 -1.65 | 15.34 -0.79 -0.01 | 14.92 -0.73 0.00 | 18.48 -0.79 0.00 | 16.53 -0.97 0.25 | 10.75 -0.64 0.00 | -2.54 -0.12 0.00 | 17.66 -1.16 0.00 | 18.34 -1.26 -0.38 | 17.40 -1.19 -0.01 | 16.25 -1.16 -0.05 | 15.63 -1.26 -0.01 | 11.85 -1.02 -0.48 | 14.51 -1.40 -0.09 | 16.22 -1.27 0.00 | 18.39 -1.32 0.00 | 19.55 -1.33 0.00 | 21.55 -1.47 0.00 | 19.55 -1.10 0.00 | 19.37 -1.13 0.00 | 16.80 -0.85 0.00 |
| HUNTLEY___68 23562 | 18.11 -0.68 0.00 | 17.23 -0.71 0.00 | 14.36 -0.70 -0.45 | 8.83 -0.37 -1.65 | 15.34 -0.79 -0.01 | 14.92 -0.73 0.00 | 18.48 -0.79 0.00 | 16.53 -0.97 0.25 | 10.75 -0.64 0.00 | -2.54 -0.12 0.00 | 17.66 -1.16 0.00 | 18.34 -1.26 -0.38 | 17.40 -1.19 -0.01 | 16.25 -1.16 -0.05 | 15.63 -1.26 -0.01 | 11.85 -1.02 -0.48 | 14.51 -1.40 -0.09 | 16.22 -1.27 0.00 | 18.39 -1.32 0.00 | 19.55 -1.33 0.00 | 21.55 -1.47 0.00 | 19.55 -1.10 0.00 | 19.37 -1.13 0.00 | 16.80 -0.85 0.00 |
| HYLAND___LFGE 323620 | 19.32 0.53 0.00 | 18.37 0.42 0.00 | 15.34 0.30 -0.44 | 9.37 0.20 -1.61 | 16.64 0.51 -0.01 | 16.36 0.70 0.00 | 20.39 1.12 0.00 | 18.85 0.83 -0.27 | 11.79 0.39 0.00 | -2.64 -0.22 0.00 | 19.09 0.28 0.00 | 19.46 0.21 -0.02 | 18.75 0.17 0.00 | 17.55 0.18 0.00 | 16.92 0.04 0.00 | 12.84 -0.07 -0.51 | 15.80 -0.11 -0.09 | 17.61 0.12 0.00 | 19.98 0.28 0.00 | 21.50 0.62 0.00 | 24.12 1.11 0.00 | 21.82 1.17 0.00 | 21.48 0.98 0.00 | 18.38 0.73 0.00 |
| INDECK___CORINTH 23802 | 19.84 1.04 0.00 | 18.89 0.94 0.00 | 18.71 0.88 -3.23 | 19.75 0.47 -11.73 | 17.20 0.99 -0.09 | 16.69 1.04 0.00 | 20.58 1.31 0.00 | 18.94 1.19 0.00 | 15.89 0.72 -3.77 | 7.42 -0.14 -9.97 | 20.00 1.19 0.00 | 20.47 1.24 0.00 | 19.63 1.05 0.00 | 18.38 1.01 0.00 | 17.86 0.97 0.00 | 16.64 0.74 -3.50 | 17.38 0.93 -0.63 | 18.57 1.09 0.00 | 20.97 1.27 0.00 | 22.20 1.32 0.00 | 24.47 1.45 0.00 | 21.98 1.33 0.00 | 21.83 1.34 0.00 | 18.76 1.11 0.00 |
| INDECK___ILION 23567 | 18.86 0.07 0.00 | 18.04 0.09 0.00 | 14.67 0.07 0.00 | 7.60 0.04 0.00 | 16.22 0.10 0.00 | 15.70 0.04 0.00 | 19.35 0.09 0.00 | 17.79 0.04 0.00 | 11.39 -0.01 0.00 | -2.43 -0.01 0.00 | 18.77 -0.04 0.00 | 19.20 -0.04 0.00 | 18.54 -0.04 0.00 | 17.37 0.00 0.00 | 16.92 0.04 0.00 | 12.45 0.05 0.00 | 15.86 0.04 0.00 | 17.57 0.09 0.00 | 19.81 0.11 0.00 | 21.05 0.17 0.00 | 23.23 0.21 0.00 | 20.82 0.17 0.00 | 20.63 0.13 0.00 | 17.77 0.12 0.00 |
| INDECK___OLEAN 23982 | 19.15 0.36 0.00 | 18.30 0.35 0.00 | 15.29 0.18 -0.52 | 9.52 0.09 -1.88 | 16.43 0.29 -0.01 | 16.00 0.34 0.00 | 19.87 0.60 0.00 | 18.14 0.40 0.00 | 11.64 0.25 0.00 | -2.78 -0.36 0.00 | 19.51 0.70 0.00 | 20.02 0.60 -0.19 | 19.14 0.56 0.00 | 17.90 0.51 -0.02 | 17.19 0.30 0.00 | 12.88 -0.07 -0.55 | 15.77 -0.15 -0.10 | 17.46 -0.02 0.00 | 19.68 -0.02 0.00 | 20.85 -0.03 0.00 | 23.04 0.03 0.00 | 20.82 0.17 0.00 | 20.68 0.19 0.00 | 17.94 0.29 0.00 |
| INDECK___OSWEGO 23783 | 18.27 -0.52 0.00 | 17.43 -0.52 0.00 | 14.39 -0.46 -0.25 | 8.23 -0.23 -0.91 | 15.64 -0.49 -0.01 | 15.22 -0.43 0.00 | 18.81 -0.46 0.00 | 17.46 -0.47 -0.19 | 11.06 -0.33 0.00 | -2.40 0.02 0.00 | 18.20 -0.61 0.00 | 18.60 -0.64 0.00 | 17.96 -0.62 0.00 | 16.80 -0.56 0.00 | 16.31 -0.57 0.00 | 12.22 -0.44 -0.27 | 15.28 -0.59 -0.05 | 16.91 -0.57 0.00 | 19.11 -0.59 0.00 | 20.29 -0.59 0.00 | 22.40 -0.62 0.00 | 20.12 -0.53 0.00 | 19.92 -0.58 0.00 | 17.15 -0.50 0.00 |

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|--------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| INDECK___YERKES 23781 | 18.19 -0.61 0.00 | 17.32 -0.63 0.00 | 14.41 -0.64 -0.44 | 8.82 -0.35 -1.62 | 15.42 -0.71 -0.01 | 14.99 -0.66 0.00 | 18.56 -0.71 0.00 | 16.59 -0.89 0.26 | 10.80 -0.60 0.00 | -2.57 -0.16 0.00 | 17.69 -1.12 0.00 | 17.97 -1.22 0.05 | 17.44 -1.14 0.00 | 16.28 -1.10 -0.01 | 15.63 -1.25 0.00 | 11.86 -1.00 -0.47 | 14.53 -1.37 -0.08 | 16.25 -1.23 0.00 | 18.45 -1.25 0.00 | 19.63 -1.25 0.00 | 21.62 -1.40 0.00 | 19.65 -1.00 0.00 | 19.48 -1.02 0.00 | 16.87 -0.77 0.00 |
| INDIAN POINT_GT_1 24139 | 19.69 0.90 0.00 | 18.82 0.87 0.00 | 17.83 0.73 -2.50 | 17.00 0.37 -9.08 | 16.97 0.78 -0.07 | 16.41 0.75 0.00 | 20.22 0.96 0.00 | 18.70 0.96 0.00 | 30.71 0.67 -18.65 | 46.88 -0.03 -49.33 | 19.97 1.16 0.00 | 20.43 1.20 0.00 | 19.80 1.22 0.00 | 18.55 1.18 0.00 | 18.06 1.18 0.00 | 15.97 0.88 -2.68 | 17.44 1.14 -0.49 | 18.69 1.20 0.00 | 21.00 1.30 0.00 | 22.19 1.30 0.00 | 24.45 1.43 0.00 | 21.87 1.22 0.00 | 21.71 1.21 0.00 | 18.69 1.04 0.00 |
| INDIAN POINT_GT_2 23659 | 19.69 0.90 0.00 | 18.82 0.87 0.00 | 17.83 0.73 -2.50 | 17.00 0.37 -9.08 | 16.97 0.78 -0.07 | 16.41 0.75 0.00 | 20.22 0.96 0.00 | 18.70 0.96 0.00 | 30.71 0.67 -18.65 | 46.88 -0.03 -49.33 | 19.97 1.16 0.00 | 20.43 1.20 0.00 | 19.80 1.22 0.00 | 18.55 1.18 0.00 | 18.06 1.18 0.00 | 15.97 0.88 -2.68 | 17.44 1.14 -0.49 | 18.69 1.20 0.00 | 21.00 1.30 0.00 | 22.19 1.30 0.00 | 24.45 1.43 0.00 | 21.87 1.22 0.00 | 21.71 1.21 0.00 | 18.69 1.04 0.00 |
| INDIAN POINT_GT_3 24019 | 19.69 0.90 0.00 | 18.82 0.87 0.00 | 17.83 0.73 -2.50 | 17.00 0.37 -9.08 | 16.97 0.78 -0.07 | 16.41 0.75 0.00 | 20.22 0.96 0.00 | 18.70 0.96 0.00 | 30.71 0.67 -18.65 | 46.88 -0.03 -49.33 | 19.97 1.16 0.00 | 20.43 1.20 0.00 | 19.80 1.22 0.00 | 18.55 1.18 0.00 | 18.06 1.18 0.00 | 15.97 0.88 -2.68 | 17.44 1.14 -0.49 | 18.69 1.20 0.00 | 21.00 1.30 0.00 | 22.19 1.30 0.00 | 24.45 1.43 0.00 | 21.87 1.22 0.00 | 21.71 1.21 0.00 | 18.69 1.04 0.00 |
| INDIAN POINT___2 23530 | 19.67 0.88 0.00 | 18.79 0.84 0.00 | 17.73 0.70 -2.44 | 16.75 0.36 -8.84 | 16.94 0.75 -0.07 | 16.38 0.72 0.00 | 20.19 0.92 0.00 | 18.67 0.92 0.00 | 41.15 0.65 -29.10 | 74.55 -0.03 -76.99 | 19.93 1.12 0.00 | 20.40 1.17 0.00 | 19.79 1.21 0.00 | 18.54 1.17 0.00 | 18.05 1.17 0.00 | 15.92 0.87 -2.65 | 17.40 1.10 -0.48 | 18.64 1.16 0.00 | 20.96 1.26 0.00 | 22.14 1.26 0.00 | 24.40 1.38 0.00 | 21.82 1.17 0.00 | 21.66 1.17 0.00 | 18.66 1.01 0.00 |
| INDIAN POINT___3 23531 | 19.67 0.88 0.00 | 18.80 0.85 0.00 | 17.78 0.70 -2.48 | 16.89 0.36 -8.98 | 16.94 0.76 -0.07 | 16.38 0.73 0.00 | 20.19 0.92 0.00 | 18.67 0.93 0.00 | 33.75 0.64 -21.70 | 54.97 -0.03 -57.42 | 19.93 1.12 0.00 | 20.40 1.17 0.00 | 19.78 1.20 0.00 | 18.53 1.16 0.00 | 18.04 1.16 0.00 | 15.95 0.87 -2.69 | 17.40 1.10 -0.48 | 18.64 1.16 0.00 | 20.95 1.25 0.00 | 22.14 1.26 0.00 | 24.39 1.37 0.00 | 21.82 1.17 0.00 | 21.67 1.17 0.00 | 18.66 1.01 0.00 |
| INGHAM_C_115KV_TB7 356103 | 18.87 0.08 0.00 | 18.07 0.12 0.00 | 14.72 0.12 0.00 | 7.63 0.07 0.00 | 16.28 0.16 0.00 | 15.68 0.03 0.00 | 19.34 0.07 0.00 | 17.73 -0.01 0.00 | 11.31 -0.09 0.00 | -2.43 -0.01 0.00 | 18.64 -0.17 0.00 | 19.08 -0.16 0.00 | 18.40 -0.18 0.00 | 17.26 -0.11 0.00 | 16.87 -0.01 0.00 | 12.44 0.05 0.00 | 15.83 0.02 0.00 | 17.55 0.06 0.00 | 19.79 0.09 0.00 | 21.10 0.22 0.00 | 23.31 0.29 0.00 | 20.88 0.23 0.00 | 20.65 0.15 0.00 | 17.81 0.16 0.00 |
| IP CORINTH___1 23988 | 19.83 1.04 0.00 | 18.90 0.95 0.00 | 18.72 0.89 -3.23 | 19.75 0.47 -11.73 | 17.21 1.00 -0.09 | 16.70 1.04 0.00 | 20.58 1.31 0.00 | 18.94 1.19 0.00 | 15.88 0.72 -3.77 | 7.42 -0.14 -9.97 | 20.00 1.19 0.00 | 20.47 1.24 0.00 | 19.63 1.05 0.00 | 18.38 1.02 0.00 | 17.86 0.97 0.00 | 16.64 0.74 -3.50 | 17.37 0.93 -0.63 | 18.57 1.08 0.00 | 20.97 1.27 0.00 | 22.20 1.32 0.00 | 24.47 1.45 0.00 | 21.98 1.33 0.00 | 21.84 1.34 0.00 | 18.76 1.11 0.00 |
| IP___TICONDEROGA 23804 | 20.58 1.79 0.00 | 19.47 1.53 0.00 | 19.15 1.33 -3.23 | 19.97 0.70 -11.71 | 17.73 1.53 -0.09 | 17.33 1.67 0.00 | 21.41 2.14 0.00 | 19.67 1.93 0.00 | 16.33 1.15 -3.79 | 7.36 -0.23 -10.01 | 20.93 2.11 0.00 | 21.47 2.24 0.00 | 20.59 2.02 0.00 | 19.27 1.90 0.00 | 18.71 1.83 0.00 | 17.34 1.44 -3.50 | 18.22 1.77 -0.63 | 19.52 2.04 0.00 | 22.11 2.41 0.00 | 23.30 2.42 0.00 | 25.82 2.80 0.00 | 23.24 2.59 0.00 | 22.87 2.38 0.00 | 19.66 2.01 0.00 |
| ISLIP_RES_REC 323679 | 20.36 1.57 0.00 | 19.45 1.50 0.00 | 18.40 1.31 -2.50 | 17.31 0.68 -9.07 | 18.38 1.41 -0.85 | 18.79 1.34 -1.79 | 20.79 1.52 0.00 | 19.16 1.41 0.00 | 30.22 0.99 -17.84 | 44.80 0.02 -47.19 | 20.17 1.36 0.00 | 20.57 1.34 0.00 | 19.91 1.34 0.01 | 17.29 1.33 1.40 | 17.61 1.29 0.56 | 37.90 1.03 -24.47 | 17.63 1.32 -0.49 | 18.75 1.27 0.00 | 21.09 1.39 0.00 | 22.43 1.55 0.00 | 24.85 1.84 0.00 | 22.19 1.54 0.00 | 22.16 1.66 0.00 | 19.17 1.52 0.00 |
| JAMAICA___27_KV_LOAD 355505 | 19.79 1.00 0.00 | 18.92 0.97 0.00 | 17.94 0.84 -2.50 | 17.05 0.43 -9.07 | 17.08 0.89 -0.07 | 16.51 0.86 0.00 | 20.35 1.09 0.00 | 18.85 1.11 0.00 | 30.19 0.79 -18.00 | 45.16 -0.05 -47.62 | 20.17 1.36 0.00 | 20.64 1.41 0.00 | 20.02 1.44 0.00 | 18.74 1.37 0.00 | 18.26 1.38 0.00 | 16.13 1.02 -2.71 | 17.61 1.30 -0.49 | 18.85 1.37 0.00 | 21.24 1.54 0.00 | 22.43 1.54 0.00 | 24.69 1.67 0.00 | 22.10 1.45 0.00 | 22.02 1.53 0.00 | 18.92 1.27 0.00 |
| JANIS___SOLAR 323808 | 19.43 0.64 0.00 | 18.55 0.60 0.00 | 15.76 0.46 -0.70 | 10.34 0.24 -2.54 | 16.71 0.57 -0.02 | 16.27 0.61 0.00 | 20.21 0.94 0.00 | 18.75 0.76 -0.25 | 11.76 0.37 0.00 | -2.67 -0.26 0.00 | 19.11 0.30 0.00 | 19.49 0.24 -0.01 | 18.79 0.21 0.00 | 17.60 0.23 0.00 | 17.06 0.18 0.00 | 13.29 0.11 -0.78 | 16.14 0.19 -0.14 | 17.90 0.42 0.00 | 20.39 0.69 0.00 | 21.75 0.87 0.00 | 24.05 1.04 0.00 | 21.60 0.95 0.00 | 21.31 0.81 0.00 | 18.33 0.68 0.00 |
| JARVIS____ 23743 | 18.80 0.01 0.00 | 17.97 0.02 0.00 | 14.61 0.01 0.00 | 7.56 0.01 0.00 | 16.14 0.02 0.00 | 15.67 0.01 0.00 | 19.30 0.03 0.00 | 17.76 0.02 0.00 | 11.40 0.01 0.00 | -2.42 0.00 0.00 | 18.81 0.00 0.00 | 19.23 0.00 0.00 | 18.58 0.00 0.00 | 17.38 0.02 0.00 | 16.90 0.02 0.00 | 12.41 0.02 0.00 | 15.84 0.02 0.00 | 17.52 0.04 0.00 | 19.75 0.05 0.00 | 20.94 0.06 0.00 | 23.09 0.07 0.00 | 20.70 0.05 0.00 | 20.54 0.04 0.00 | 17.69 0.04 0.00 |
| JENNISON___1 23625 | 19.59 0.80 0.00 | 18.73 0.78 0.00 | 16.07 0.60 -0.88 | 11.05 0.32 -3.18 | 16.85 0.71 -0.02 | 16.39 0.73 0.00 | 20.36 1.09 0.00 | 18.83 0.93 -0.15 | 11.93 0.54 0.00 | -2.64 -0.22 0.00 | 19.54 0.73 0.00 | 19.95 0.70 -0.01 | 19.25 0.67 0.00 | 18.03 0.66 0.00 | 17.48 0.60 0.00 | 13.79 0.43 -0.96 | 16.53 0.54 -0.17 | 18.22 0.73 0.00 | 20.64 0.93 0.00 | 21.94 1.06 0.00 | 24.21 1.19 0.00 | 21.73 1.08 0.00 | 21.46 0.96 0.00 | 18.47 0.82 0.00 |
| JENNISON___2 23626 | 19.59 0.80 0.00 | 18.73 0.78 0.00 | 16.07 0.60 -0.88 | 11.05 0.32 -3.18 | 16.85 0.71 -0.02 | 16.39 0.73 0.00 | 20.36 1.09 0.00 | 18.83 0.93 -0.15 | 11.93 0.54 0.00 | -2.64 -0.22 0.00 | 19.54 0.73 0.00 | 19.95 0.70 -0.01 | 19.25 0.67 0.00 | 18.03 0.66 0.00 | 17.48 0.60 0.00 | 13.79 0.43 -0.96 | 16.53 0.54 -0.17 | 18.22 0.73 0.00 | 20.64 0.93 0.00 | 21.94 1.06 0.00 | 24.21 1.19 0.00 | 21.73 1.08 0.00 | 21.46 0.96 0.00 | 18.47 0.82 0.00 |

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|---|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| JERICO_RISE_WT_PWR 323719 | 18.77 -0.02 0.00 | 17.71 -0.24 0.00 | 14.43 -0.17 0.00 | 7.49 -0.06 0.00 | 16.00 -0.13 0.00 | 15.57 -0.09 0.00 | 19.23 -0.04 0.00 | 16.17 0.02 1.59 | 11.46 0.07 0.00 | -2.51 -0.09 0.00 | 19.15 0.34 0.00 | 19.56 0.33 0.00 | 18.87 0.29 0.00 | 17.56 0.20 0.00 | 17.04 0.16 0.00 | 12.52 0.12 0.00 | 15.98 0.16 0.00 | 17.62 0.13 0.00 | 19.91 0.21 0.00 | 21.08 0.20 0.00 | 23.22 0.20 0.00 | 20.74 0.09 0.00 | 20.46 -0.03 0.00 | 17.58 -0.07 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 19.76 0.97 0.00 | 18.88 0.94 0.00 | 17.91 0.77 -2.53 | 17.14 0.40 -9.19 | 17.03 0.84 -0.07 | 16.48 0.82 0.00 | 20.32 1.05 0.00 | 18.79 1.04 0.00 | 23.00 0.72 -10.88 | 26.32 -0.04 -28.79 | 20.05 1.24 0.00 | 20.52 1.29 0.00 | 19.90 1.32 0.00 | 18.64 1.27 0.00 | 18.15 1.27 0.00 | 16.10 0.96 -2.75 | 17.53 1.21 -0.50 | 18.77 1.29 0.00 | 21.10 1.40 0.00 | 22.29 1.41 0.00 | 24.56 1.54 0.00 | 21.97 1.32 0.00 | 21.80 1.30 0.00 | 18.76 1.11 0.00 |
| KCE_NY_1 323755 | 19.76 0.96 0.00 | 18.84 0.90 0.00 | 18.60 0.78 -3.22 | 19.65 0.41 -11.69 | 17.07 0.86 -0.09 | 16.52 0.86 0.00 | 20.33 1.06 0.00 | 18.71 0.96 0.00 | 15.79 0.59 -3.81 | 7.55 -0.10 -10.07 | 19.74 0.93 0.00 | 20.20 0.97 0.00 | 19.47 0.89 0.00 | 18.23 0.87 0.00 | 17.74 0.86 0.00 | 16.57 0.68 -3.49 | 17.30 0.86 -0.63 | 18.48 1.00 0.00 | 20.82 1.12 0.00 | 22.08 1.20 0.00 | 24.39 1.37 0.00 | 21.85 1.20 0.00 | 21.66 1.17 0.00 | 18.63 0.98 0.00 |
| KCE_NY_6_ESR 323823 | 18.41 -0.38 0.00 | 17.55 -0.40 0.00 | 14.63 -0.44 -0.47 | 9.02 -0.24 -1.71 | 15.64 -0.49 -0.01 | 15.22 -0.43 0.00 | 18.87 -0.40 0.00 | 16.93 -0.58 0.23 | 10.99 -0.40 0.00 | -2.62 -0.20 0.00 | 18.10 -0.71 0.00 | 18.66 -0.80 -0.22 | 17.83 -0.75 0.00 | 16.65 -0.74 -0.02 | 16.01 -0.88 -0.01 | 12.13 -0.76 -0.50 | 14.86 -1.05 -0.09 | 16.56 -0.92 0.00 | 18.77 -0.93 0.00 | 19.96 -0.92 0.00 | 22.00 -1.02 0.00 | 19.95 -0.70 0.00 | 19.76 -0.74 0.00 | 17.11 -0.54 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 20.28 1.49 0.00 | 19.38 1.43 0.00 | 18.34 1.24 -2.50 | 17.27 0.64 -9.07 | 18.32 1.35 -0.85 | 18.71 1.26 -1.79 | 20.67 1.41 0.00 | 19.04 1.30 0.00 | 30.14 0.91 -17.84 | 44.82 0.04 -47.19 | 20.01 1.19 0.00 | 20.41 1.17 0.00 | 19.77 1.20 0.01 | 16.82 1.18 1.72 | 17.33 1.13 0.68 | 37.79 0.92 -24.47 | 17.49 1.18 -0.49 | 18.59 1.10 0.00 | 20.91 1.21 0.00 | 22.27 1.39 0.00 | 24.71 1.69 0.00 | 22.07 1.42 0.00 | 22.04 1.54 0.00 | 19.09 1.44 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 20.28 1.49 0.00 | 19.38 1.43 0.00 | 18.34 1.24 -2.50 | 17.27 0.64 -9.07 | 18.32 1.35 -0.85 | 18.71 1.26 -1.79 | 20.67 1.41 0.00 | 19.04 1.30 0.00 | 30.14 0.91 -17.84 | 44.82 0.04 -47.19 | 20.01 1.19 0.00 | 20.41 1.17 0.00 | 19.77 1.20 0.01 | 16.82 1.18 1.72 | 17.33 1.13 0.68 | 37.79 0.92 -24.47 | 17.49 1.18 -0.49 | 18.59 1.10 0.00 | 20.91 1.21 0.00 | 22.27 1.39 0.00 | 24.71 1.69 0.00 | 22.07 1.42 0.00 | 22.04 1.54 0.00 | 19.09 1.44 0.00 |
| KEDC_GLWD_GT4 24219 | 19.99 1.20 0.00 | 19.10 1.15 0.00 | 18.06 0.96 -2.50 | 17.12 0.49 -9.07 | 17.90 1.04 -0.74 | 18.45 1.00 -1.79 | 20.50 1.23 0.00 | 18.93 1.19 0.00 | 30.07 0.83 -17.84 | 44.78 0.00 -47.19 | 20.27 1.45 0.00 | 20.73 1.50 0.00 | 20.10 1.52 0.00 | 18.85 1.48 0.00 | 18.32 1.44 0.00 | 37.96 1.09 -24.47 | 17.58 1.27 -0.49 | 18.75 1.26 0.00 | 21.03 1.33 0.00 | 22.26 1.37 0.00 | 24.57 1.55 0.00 | 21.96 1.31 0.00 | 21.84 1.34 0.00 | 18.95 1.31 0.00 |
| KEDC_GLWD_GT5 24220 | 19.99 1.20 0.00 | 19.10 1.15 0.00 | 18.06 0.96 -2.50 | 17.12 0.49 -9.07 | 17.90 1.04 -0.74 | 18.45 1.00 -1.79 | 20.50 1.23 0.00 | 18.93 1.19 0.00 | 30.07 0.83 -17.84 | 44.78 0.00 -47.19 | 20.27 1.45 0.00 | 20.73 1.50 0.00 | 20.10 1.52 0.00 | 18.85 1.48 0.00 | 18.32 1.44 0.00 | 37.96 1.09 -24.47 | 17.58 1.27 -0.49 | 18.75 1.26 0.00 | 21.03 1.33 0.00 | 22.26 1.37 0.00 | 24.57 1.55 0.00 | 21.96 1.31 0.00 | 21.84 1.34 0.00 | 18.95 1.31 0.00 |
| KENSICO____ 23655 | 19.72 0.93 0.00 | 18.85 0.90 0.00 | 17.84 0.75 -2.50 | 16.99 0.38 -9.05 | 16.99 0.80 -0.07 | 16.43 0.78 0.00 | 20.25 0.98 0.00 | 18.73 0.99 0.00 | 31.32 0.69 -19.24 | 48.44 -0.03 -50.89 | 20.02 1.21 0.00 | 20.49 1.25 0.00 | 19.86 1.28 0.00 | 18.60 1.24 0.00 | 18.11 1.23 0.00 | 16.03 0.92 -2.71 | 17.47 1.17 -0.49 | 18.71 1.23 0.00 | 21.03 1.33 0.00 | 22.22 1.33 0.00 | 24.47 1.46 0.00 | 21.89 1.24 0.00 | 21.74 1.25 0.00 | 18.72 1.07 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 19.73 0.94 0.00 | 18.85 0.90 0.00 | 17.66 0.73 -2.33 | 16.37 0.37 -8.45 | 16.99 0.80 -0.06 | 16.42 0.76 0.00 | 20.27 1.01 0.00 | 18.75 1.01 0.00 | 8.30 0.69 3.78 | -12.45 -0.03 10.00 | 19.95 1.14 0.00 | 20.42 1.18 0.00 | 19.81 1.22 0.00 | 18.60 1.24 0.00 | 18.00 1.12 0.00 | 15.75 0.83 -2.53 | 17.37 1.09 -0.46 | 18.66 1.17 0.00 | 20.98 1.28 0.00 | 22.21 1.32 0.00 | 24.66 1.64 0.00 | 22.07 1.42 0.00 | 21.86 1.36 0.00 | 18.84 1.19 0.00 |
| KIAC_JFK_GT1 23816 | 19.70 0.91 0.00 | 18.83 0.88 0.00 | 17.86 0.76 -2.50 | 17.01 0.39 -9.07 | 16.99 0.80 -0.07 | 16.44 0.78 0.00 | 20.25 0.98 0.00 | 18.76 1.01 0.00 | 30.13 0.73 -18.00 | 45.17 -0.03 -47.62 | 20.08 1.27 0.00 | 20.55 1.31 0.00 | 19.92 1.34 0.00 | 18.65 1.29 0.00 | 18.17 1.29 0.00 | 16.06 0.95 -2.71 | 17.52 1.21 -0.49 | 18.74 1.26 0.00 | 21.12 1.42 0.00 | 22.30 1.41 0.00 | 24.55 1.53 0.00 | 21.96 1.31 0.00 | 21.91 1.41 0.00 | 18.81 1.16 0.00 |
| KIAC_JFK_GT2 23817 | 19.70 0.91 0.00 | 18.83 0.88 0.00 | 17.86 0.76 -2.50 | 17.01 0.39 -9.07 | 16.99 0.80 -0.07 | 16.44 0.78 0.00 | 20.25 0.98 0.00 | 18.76 1.01 0.00 | 30.13 0.73 -18.00 | 45.17 -0.03 -47.62 | 20.08 1.27 0.00 | 20.55 1.31 0.00 | 19.92 1.34 0.00 | 18.65 1.29 0.00 | 18.17 1.29 0.00 | 16.06 0.95 -2.71 | 17.52 1.21 -0.49 | 18.74 1.26 0.00 | 21.12 1.42 0.00 | 22.30 1.41 0.00 | 24.55 1.53 0.00 | 21.96 1.31 0.00 | 21.91 1.41 0.00 | 18.81 1.16 0.00 |
| KIAC_JFK____ 323774 | 19.70 0.91 0.00 | 18.83 0.88 0.00 | 17.86 0.76 -2.50 | 17.01 0.39 -9.07 | 16.99 0.80 -0.07 | 16.44 0.78 0.00 | 20.25 0.98 0.00 | 18.76 1.01 0.00 | 30.13 0.73 -18.00 | 45.17 -0.03 -47.62 | 20.08 1.27 0.00 | 20.55 1.31 0.00 | 19.92 1.34 0.00 | 18.65 1.28 0.00 | 18.17 1.29 0.00 | 16.06 0.95 -2.71 | 17.52 1.21 -0.49 | 18.75 1.26 0.00 | 21.12 1.42 0.00 | 22.30 1.41 0.00 | 24.55 1.53 0.00 | 21.96 1.31 0.00 | 21.90 1.41 0.00 | 18.81 1.16 0.00 |
| KINTIGH____ 23543 | 18.08 -0.71 0.00 | 17.20 -0.75 0.00 | 14.30 -0.70 -0.39 | 8.62 -0.36 -1.43 | 15.34 -0.79 -0.01 | 14.92 -0.73 0.00 | 18.46 -0.80 0.00 | 16.49 -0.95 0.30 | 10.76 -0.63 0.00 | -2.50 -0.08 0.00 | 17.65 -1.16 0.00 | 17.93 -1.26 0.05 | 17.39 -1.18 0.00 | 16.22 -1.15 0.00 | 15.66 -1.22 0.00 | 11.83 -0.97 -0.41 | 14.57 -1.32 -0.07 | 16.27 -1.22 0.00 | 18.44 -1.26 0.00 | 19.61 -1.27 0.00 | 21.60 -1.41 0.00 | 19.56 -1.08 0.00 | 19.40 -1.10 0.00 | 16.80 -0.85 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 18.98 0.19 0.00 | 17.91 -0.04 0.00 | 14.61 0.01 0.00 | 7.58 0.03 0.00 | 16.20 0.08 0.00 | 15.79 0.13 0.00 | 19.55 0.28 0.00 | 16.79 0.30 1.25 | 11.61 0.21 0.00 | -2.55 -0.13 0.00 | 19.39 0.58 0.00 | 19.78 0.55 0.00 | 19.08 0.50 0.00 | 17.77 0.40 0.00 | 17.22 0.34 0.00 | 12.66 0.26 0.00 | 16.16 0.34 0.00 | 17.82 0.34 0.00 | 20.19 0.49 0.00 | 21.38 0.50 0.00 | 23.55 0.53 0.00 | 21.00 0.36 0.00 | 20.71 0.22 0.00 | 17.77 0.13 0.00 |

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|------------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LACHUTE____HYDRO 323717 | 20.58 1.79 0.00 | 19.47 1.52 0.00 | 19.15 1.32 -3.23 | 19.97 0.71 -11.71 | 17.73 1.52 -0.09 | 17.32 1.67 0.00 | 21.41 2.14 0.00 | 19.67 1.92 0.00 | 16.33 1.15 -3.79 | 7.36 -0.23 -10.01 | 20.93 2.12 0.00 | 21.47 2.24 0.00 | 20.59 2.02 0.00 | 19.27 1.90 0.00 | 18.71 1.83 0.00 | 17.34 1.44 -3.50 | 18.22 1.77 -0.63 | 19.52 2.04 0.00 | 22.11 2.41 0.00 | 23.30 2.42 0.00 | 25.82 2.80 0.00 | 23.24 2.59 0.00 | 22.87 2.37 0.00 | 19.67 2.02 0.00 |
| LAWRNCAV_115KV_TB1 80681 | 18.65 -0.14 0.00 | 17.76 -0.19 0.00 | 14.46 -0.14 0.00 | 7.49 -0.06 0.00 | 16.00 -0.12 0.00 | 15.56 -0.09 0.00 | 19.13 -0.14 0.00 | 21.55 -0.08 -3.89 | 11.36 -0.03 0.00 | -2.44 -0.02 0.00 | 18.80 -0.01 0.00 | 19.10 -0.13 0.00 | 18.42 -0.15 0.00 | 17.05 -0.32 0.00 | 16.42 -0.46 0.00 | 12.06 -0.34 0.00 | 15.41 -0.41 0.00 | 16.97 -0.52 0.00 | 19.13 -0.57 0.00 | 20.34 -0.54 0.00 | 22.56 -0.46 0.00 | 20.42 -0.23 0.00 | 20.35 -0.15 0.00 | 17.50 -0.15 0.00 |
| LEDERLE____ 23769 | 19.75 0.95 0.00 | 18.87 0.92 0.00 | 17.76 0.76 -2.40 | 16.65 0.39 -8.71 | 17.01 0.82 -0.06 | 16.44 0.79 0.00 | 20.27 1.00 0.00 | 18.75 1.00 0.00 | -16.18 0.69 28.27 | -77.26 -0.04 74.79 | 20.01 1.20 0.00 | 20.50 1.26 0.00 | 19.88 1.30 0.00 | 18.63 1.27 0.00 | 18.14 1.26 0.00 | 15.95 0.94 -2.60 | 17.48 1.19 -0.47 | 18.74 1.26 0.00 | 21.07 1.37 0.00 | 22.26 1.38 0.00 | 24.52 1.51 0.00 | 21.94 1.29 0.00 | 21.77 1.27 0.00 | 18.74 1.09 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 18.56 -0.23 0.00 | 17.64 -0.31 0.00 | 14.55 -0.27 -0.23 | 8.25 -0.13 -0.82 | 15.88 -0.25 -0.01 | 15.49 -0.17 0.00 | 19.17 -0.10 0.00 | 18.02 -0.15 -0.43 | 11.25 -0.15 0.00 | -2.43 -0.01 0.00 | 18.41 -0.40 0.00 | 18.77 -0.46 0.00 | 18.13 -0.45 0.00 | 16.94 -0.43 0.00 | 16.42 -0.46 0.00 | 12.29 -0.35 -0.24 | 15.37 -0.49 -0.04 | 17.02 -0.46 0.00 | 19.28 -0.43 0.00 | 20.54 -0.34 0.00 | 22.77 -0.25 0.00 | 20.50 -0.15 0.00 | 20.30 -0.20 0.00 | 17.47 -0.18 0.00 |
| LINDEN COGEN____ 23786 | 19.72 0.93 0.00 | 18.85 0.90 0.00 | 17.85 0.75 -2.50 | 17.00 0.38 -9.07 | 16.99 0.81 -0.07 | 16.42 0.77 0.00 | 20.25 0.98 0.00 | 18.75 1.00 0.00 | 30.12 0.72 -18.00 | 45.19 -0.02 -47.62 | 20.12 1.31 0.00 | 20.58 1.34 0.00 | 19.97 1.39 0.00 | 18.71 1.34 0.00 | 18.21 1.33 0.00 | 16.08 0.97 -2.71 | 17.53 1.23 -0.49 | 18.76 1.28 0.00 | 21.09 1.39 0.00 | 22.27 1.39 0.00 | 24.53 1.51 0.00 | 21.95 1.30 0.00 | 21.85 1.35 0.00 | 18.82 1.17 0.00 |
| LINDHRST_69_KV_BK1 356055 | 20.29 1.50 0.00 | 19.38 1.43 0.00 | 18.33 1.23 -2.50 | 17.24 0.62 -9.07 | 18.27 1.32 -0.83 | 18.71 1.26 -1.79 | 20.74 1.48 0.00 | 19.15 1.40 0.00 | 30.21 0.97 -17.84 | 44.81 0.03 -47.19 | 20.34 1.53 0.00 | 20.79 1.55 0.00 | 20.12 1.54 0.00 | 18.75 1.52 0.13 | 18.27 1.44 0.05 | 37.98 1.11 -24.47 | 17.70 1.40 -0.49 | 18.81 1.33 0.00 | 21.11 1.40 0.00 | 22.42 1.54 0.00 | 24.83 1.81 0.00 | 22.20 1.56 0.00 | 22.22 1.72 0.00 | 19.18 1.53 0.00 |
| LIPA_MISC_IPP 23656 | 20.19 1.40 0.00 | 19.33 1.38 0.00 | 18.32 1.22 -2.50 | 17.25 0.62 -9.07 | 18.30 1.33 -0.85 | 18.66 1.21 -1.79 | 20.57 1.30 0.00 | 18.93 1.18 0.00 | 30.08 0.85 -17.84 | 44.83 0.05 -47.19 | 19.88 1.07 0.00 | 20.27 1.03 0.00 | 19.61 1.04 0.01 | 16.96 1.05 1.46 | 17.31 1.01 0.58 | 37.70 0.83 -24.47 | 17.38 1.07 -0.49 | 18.47 0.98 0.00 | 20.77 1.06 0.00 | 22.09 1.21 0.00 | 24.48 1.46 0.00 | 21.86 1.21 0.00 | 21.86 1.37 0.00 | 18.97 1.32 0.00 |
| LISF____SOLAR 323691 | 20.21 1.42 0.00 | 19.35 1.40 0.00 | 18.33 1.23 -2.50 | 17.26 0.63 -9.07 | 18.32 1.35 -0.85 | 18.66 1.21 -1.79 | 20.58 1.31 0.00 | 18.93 1.18 0.00 | 30.08 0.85 -17.84 | 44.82 0.05 -47.19 | 19.86 1.05 0.00 | 20.24 1.00 0.00 | 19.57 1.00 0.01 | 16.91 1.03 1.48 | 17.28 0.99 0.59 | 37.69 0.82 -24.47 | 17.37 1.06 -0.49 | 18.47 0.98 0.00 | 20.77 1.07 0.00 | 22.10 1.22 0.00 | 24.49 1.47 0.00 | 21.87 1.22 0.00 | 21.86 1.37 0.00 | 18.99 1.34 0.00 |
| LITTLE FALLS____HYD 24013 | 18.87 0.08 0.00 | 18.07 0.12 0.00 | 14.72 0.12 0.00 | 7.63 0.07 0.00 | 16.28 0.16 0.00 | 15.68 0.03 0.00 | 19.34 0.07 0.00 | 17.73 -0.01 0.00 | 11.31 -0.09 0.00 | -2.43 -0.01 0.00 | 18.64 -0.17 0.00 | 19.08 -0.16 0.00 | 18.40 -0.18 0.00 | 17.26 -0.11 0.00 | 16.87 -0.01 0.00 | 12.44 0.05 0.00 | 15.83 0.02 0.00 | 17.55 0.06 0.00 | 19.79 0.09 0.00 | 21.10 0.22 0.00 | 23.31 0.29 0.00 | 20.88 0.23 0.00 | 20.65 0.15 0.00 | 17.81 0.16 0.00 |
| LITTLRIV_115KV_TB1 356100 | 18.79 0.00 0.00 | 17.89 -0.05 0.00 | 14.57 -0.03 0.00 | 7.55 0.00 0.00 | 16.14 0.02 0.00 | 15.69 0.03 0.00 | 19.29 0.02 0.00 | 21.69 0.05 -3.89 | 11.44 0.05 0.00 | -2.44 -0.03 0.00 | 18.95 0.13 0.00 | 19.23 0.00 0.00 | 18.54 -0.04 0.00 | 17.16 -0.21 0.00 | 16.52 -0.36 0.00 | 12.13 -0.27 0.00 | 15.49 -0.32 0.00 | 17.07 -0.41 0.00 | 19.26 -0.45 0.00 | 20.49 -0.39 0.00 | 22.75 -0.27 0.00 | 20.59 -0.06 0.00 | 20.50 0.00 0.00 | 17.64 -0.01 0.00 |
| LI_NEWBRDGE____DRP 323616 | 19.99 1.20 0.00 | 19.10 1.16 0.00 | 18.09 0.99 -2.50 | 17.13 0.50 -9.07 | 18.05 1.07 -0.86 | 18.46 1.01 -1.79 | 20.45 1.19 0.00 | 18.88 1.14 0.00 | 30.04 0.80 -17.84 | 44.83 0.06 -47.19 | 20.13 1.31 0.00 | 20.59 1.35 0.00 | 19.95 1.36 0.00 | 18.71 1.34 0.00 | 18.18 1.30 0.00 | 37.87 1.00 -24.47 | 17.54 1.24 -0.49 | 18.66 1.17 0.00 | 20.91 1.21 0.00 | 22.18 1.29 0.00 | 24.53 1.52 0.00 | 21.93 1.28 0.00 | 21.89 1.39 0.00 | 18.92 1.27 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 17.97 -0.82 0.00 | 17.08 -0.87 0.00 | 14.21 -0.82 -0.43 | 8.67 -0.44 -1.55 | 15.20 -0.93 -0.01 | 14.79 -0.87 0.00 | 18.32 -0.95 0.00 | 16.34 -1.12 0.29 | 10.64 -0.75 0.00 | -2.52 -0.10 0.00 | 17.40 -1.41 0.00 | 17.66 -1.56 0.01 | 17.12 -1.46 0.00 | 15.96 -1.41 0.00 | 15.38 -1.50 0.00 | 11.67 -1.18 -0.45 | 14.29 -1.60 -0.08 | 16.02 -1.47 0.00 | 18.17 -1.53 0.00 | 19.36 -1.52 0.00 | 21.33 -1.69 0.00 | 19.39 -1.26 0.00 | 19.22 -1.28 0.00 | 16.67 -0.98 0.00 |
| LOCKPORT____CC1 323769 | 17.98 -0.82 0.00 | 17.10 -0.85 0.00 | 14.23 -0.80 -0.43 | 8.69 -0.43 -1.56 | 15.22 -0.91 -0.01 | 14.81 -0.84 0.00 | 18.33 -0.94 0.00 | 16.35 -1.11 0.28 | 10.65 -0.74 0.00 | -2.55 -0.13 0.00 | 17.41 -1.40 0.00 | 17.71 -1.52 0.01 | 17.15 -1.43 0.00 | 16.00 -1.37 0.00 | 15.40 -1.48 0.00 | 11.69 -1.16 -0.45 | 14.31 -1.59 -0.08 | 16.01 -1.48 0.00 | 18.19 -1.51 0.00 | 19.37 -1.51 0.00 | 21.34 -1.68 0.00 | 19.40 -1.25 0.00 | 19.23 -1.27 0.00 | 16.67 -0.98 0.00 |
| LOCKPORT____CC2 323770 | 17.98 -0.82 0.00 | 17.10 -0.85 0.00 | 14.23 -0.80 -0.43 | 8.69 -0.43 -1.56 | 15.22 -0.91 -0.01 | 14.81 -0.84 0.00 | 18.33 -0.94 0.00 | 16.35 -1.11 0.28 | 10.65 -0.74 0.00 | -2.55 -0.13 0.00 | 17.41 -1.40 0.00 | 17.71 -1.52 0.01 | 17.15 -1.43 0.00 | 16.00 -1.37 0.00 | 15.40 -1.48 0.00 | 11.69 -1.16 -0.45 | 14.31 -1.59 -0.08 | 16.01 -1.48 0.00 | 18.19 -1.51 0.00 | 19.37 -1.51 0.00 | 21.34 -1.68 0.00 | 19.40 -1.25 0.00 | 19.23 -1.27 0.00 | 16.67 -0.98 0.00 |
| LOCKPORT____CC3 323771 | 17.98 -0.82 0.00 | 17.10 -0.85 0.00 | 14.23 -0.80 -0.43 | 8.69 -0.43 -1.56 | 15.22 -0.91 -0.01 | 14.81 -0.84 0.00 | 18.33 -0.94 0.00 | 16.35 -1.11 0.28 | 10.65 -0.74 0.00 | -2.55 -0.13 0.00 | 17.41 -1.40 0.00 | 17.71 -1.52 0.01 | 17.15 -1.43 0.00 | 16.00 -1.37 0.00 | 15.40 -1.48 0.00 | 11.69 -1.16 -0.45 | 14.31 -1.59 -0.08 | 16.01 -1.48 0.00 | 18.19 -1.51 0.00 | 19.37 -1.51 0.00 | 21.34 -1.68 0.00 | 19.40 -1.25 0.00 | 19.23 -1.27 0.00 | 16.67 -0.98 0.00 |

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| LONG_LAKE_PHOENIX 24014 | 18.38 -0.41 0.00 | 17.53 -0.42 0.00 | 14.49 -0.37 -0.25 | 8.29 -0.19 -0.93 | 15.73 -0.40 -0.01 | 15.31 -0.35 0.00 | 18.92 -0.35 0.00 | 17.52 -0.37 -0.15 | 11.13 -0.26 0.00 | -2.41 0.01 0.00 | 18.32 -0.50 0.00 | 18.72 -0.52 0.00 | 18.08 -0.50 0.00 | 16.91 -0.45 0.00 | 16.41 -0.47 0.00 | 12.31 -0.36 -0.27 | 15.39 -0.48 -0.05 | 17.04 -0.44 0.00 | 19.26 -0.45 0.00 | 20.43 -0.44 0.00 | 22.54 -0.47 0.00 | 20.25 -0.40 0.00 | 20.03 -0.46 0.00 | 17.26 -0.39 0.00 |
| LOVETT___3 23632 | 19.66 0.87 0.00 | 18.79 0.84 0.00 | 17.70 0.69 -2.41 | 16.66 0.35 -8.75 | 16.93 0.75 -0.06 | 16.37 0.71 0.00 | 20.18 0.91 0.00 | 18.66 0.91 0.00 | -17.41 0.64 29.44 | -80.34 -0.02 77.89 | 19.91 1.10 0.00 | 20.39 1.15 0.00 | 19.77 1.19 0.00 | 18.53 1.16 0.00 | 18.04 1.16 0.00 | 15.88 0.87 -2.62 | 17.38 1.10 -0.47 | 18.63 1.15 0.00 | 20.95 1.24 0.00 | 22.13 1.25 0.00 | 24.38 1.36 0.00 | 21.82 1.17 0.00 | 21.66 1.16 0.00 | 18.65 1.00 0.00 |
| LOVETT___4 23642 | 19.66 0.87 0.00 | 18.79 0.84 0.00 | 17.70 0.69 -2.41 | 16.66 0.35 -8.75 | 16.93 0.75 -0.06 | 16.37 0.71 0.00 | 20.18 0.91 0.00 | 18.66 0.91 0.00 | -17.41 0.64 29.44 | -80.34 -0.02 77.89 | 19.91 1.10 0.00 | 20.39 1.15 0.00 | 19.77 1.19 0.00 | 18.53 1.16 0.00 | 18.04 1.16 0.00 | 15.88 0.87 -2.62 | 17.38 1.10 -0.47 | 18.63 1.15 0.00 | 20.95 1.24 0.00 | 22.13 1.25 0.00 | 24.38 1.36 0.00 | 21.82 1.17 0.00 | 21.66 1.16 0.00 | 18.65 1.00 0.00 |
| LOVETT___5 23593 | 19.66 0.87 0.00 | 18.79 0.84 0.00 | 17.70 0.69 -2.41 | 16.66 0.35 -8.75 | 16.93 0.75 -0.06 | 16.37 0.71 0.00 | 20.18 0.91 0.00 | 18.66 0.91 0.00 | -17.41 0.64 29.44 | -80.34 -0.02 77.89 | 19.91 1.10 0.00 | 20.39 1.15 0.00 | 19.77 1.19 0.00 | 18.53 1.16 0.00 | 18.04 1.16 0.00 | 15.88 0.87 -2.62 | 17.38 1.10 -0.47 | 18.63 1.15 0.00 | 20.95 1.24 0.00 | 22.13 1.25 0.00 | 24.38 1.36 0.00 | 21.82 1.17 0.00 | 21.66 1.16 0.00 | 18.65 1.00 0.00 |
| LOWER RAQUET___HYD 24057 | 18.65 -0.14 0.00 | 17.75 -0.20 0.00 | 14.46 -0.15 0.00 | 7.48 -0.07 0.00 | 16.00 -0.12 0.00 | 15.57 -0.09 0.00 | 19.14 -0.12 0.00 | 21.56 -0.08 -3.89 | 11.36 -0.03 0.00 | -2.43 -0.01 0.00 | 18.80 -0.01 0.00 | 19.09 -0.14 0.00 | 18.41 -0.17 0.00 | 17.03 -0.34 0.00 | 16.37 -0.52 0.00 | 12.02 -0.37 0.00 | 15.35 -0.46 0.00 | 16.90 -0.58 0.00 | 19.06 -0.64 0.00 | 20.28 -0.61 0.00 | 22.51 -0.50 0.00 | 20.42 -0.23 0.00 | 20.36 -0.13 0.00 | 17.50 -0.14 0.00 |
| LOWER___HUDSON 24059 | 19.54 0.74 0.00 | 18.66 0.71 0.00 | 18.35 0.61 -3.15 | 19.29 0.32 -11.42 | 16.87 0.66 -0.08 | 16.27 0.61 0.00 | 19.97 0.70 0.00 | 18.39 0.64 0.00 | 15.80 0.38 -4.03 | 8.18 -0.05 -10.65 | 19.39 0.57 0.00 | 19.82 0.59 0.00 | 19.12 0.55 0.00 | 17.91 0.55 0.00 | 17.45 0.57 0.00 | 16.26 0.45 -3.41 | 17.00 0.57 -0.62 | 18.16 0.68 0.00 | 20.46 0.76 0.00 | 21.70 0.82 0.00 | 23.94 0.93 0.00 | 21.45 0.80 0.00 | 21.29 0.80 0.00 | 18.35 0.70 0.00 |
| LOWVILLE_115KV_TB2 356335 | 19.05 0.26 0.00 | 18.06 0.11 0.00 | 14.79 0.08 -0.11 | 8.04 0.07 -0.41 | 16.33 0.21 0.00 | 15.94 0.28 0.00 | 19.76 0.48 0.00 | 19.25 0.38 -1.12 | 11.56 0.17 0.00 | -2.46 -0.04 0.00 | 18.92 0.11 0.00 | 19.21 -0.02 0.00 | 18.54 -0.04 0.00 | 17.28 -0.08 0.00 | 16.73 -0.15 0.00 | 12.40 -0.12 -0.12 | 15.70 -0.14 -0.02 | 17.38 -0.10 0.00 | 19.73 0.02 0.00 | 21.11 0.23 0.00 | 23.47 0.45 0.00 | 21.15 0.50 0.00 | 20.94 0.44 0.00 | 18.04 0.39 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 19.76 0.97 0.00 | 18.86 0.91 0.00 | 18.61 0.79 -3.22 | 19.65 0.41 -11.69 | 17.09 0.88 -0.09 | 16.53 0.87 0.00 | 20.34 1.07 0.00 | 18.72 0.97 0.00 | 15.80 0.60 -3.81 | 7.55 -0.10 -10.07 | 19.74 0.93 0.00 | 20.20 0.97 0.00 | 19.46 0.88 0.00 | 18.23 0.87 0.00 | 17.74 0.86 0.00 | 16.57 0.68 -3.49 | 17.30 0.85 -0.63 | 18.48 0.99 0.00 | 20.84 1.13 0.00 | 22.09 1.21 0.00 | 24.37 1.35 0.00 | 21.84 1.19 0.00 | 21.66 1.16 0.00 | 18.63 0.98 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 19.75 0.96 0.00 | 18.85 0.90 0.00 | 18.60 0.78 -3.22 | 19.64 0.41 -11.69 | 17.07 0.87 -0.09 | 16.52 0.87 0.00 | 20.33 1.06 0.00 | 18.71 0.96 0.00 | 15.79 0.59 -3.81 | 7.55 -0.10 -10.07 | 19.74 0.93 0.00 | 20.20 0.97 0.00 | 19.47 0.89 0.00 | 18.24 0.87 0.00 | 17.74 0.86 0.00 | 16.57 0.68 -3.49 | 17.30 0.86 -0.63 | 18.48 1.00 0.00 | 20.82 1.12 0.00 | 22.08 1.20 0.00 | 24.39 1.37 0.00 | 21.85 1.20 0.00 | 21.67 1.17 0.00 | 18.63 0.98 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 18.81 0.02 0.00 | 17.86 -0.09 0.00 | 14.62 -0.07 -0.08 | 7.84 -0.02 -0.31 | 16.13 0.00 0.00 | 15.73 0.07 0.00 | 19.43 0.16 0.00 | 20.52 0.13 -2.65 | 11.45 0.05 0.00 | -2.44 -0.02 0.00 | 18.78 -0.03 0.00 | 19.08 -0.16 0.00 | 18.40 -0.18 0.00 | 17.08 -0.29 0.00 | 16.47 -0.41 0.00 | 12.19 -0.30 -0.09 | 15.46 -0.37 -0.02 | 17.07 -0.42 0.00 | 19.31 -0.39 0.00 | 20.62 -0.27 0.00 | 22.94 -0.08 0.00 | 20.75 0.10 0.00 | 20.62 0.12 0.00 | 17.73 0.08 0.00 |
| LYONS_FALL_HYD 23570 | 19.06 0.27 0.00 | 18.12 0.17 0.00 | 14.83 0.13 -0.11 | 8.03 0.09 -0.39 | 16.36 0.23 0.00 | 15.93 0.27 0.00 | 19.71 0.44 0.00 | 18.85 0.36 -0.75 | 11.57 0.17 0.00 | -2.46 -0.04 0.00 | 18.98 0.17 0.00 | 19.32 0.09 0.00 | 18.65 0.07 0.00 | 17.42 0.05 0.00 | 16.88 0.00 0.00 | 12.51 -0.01 -0.12 | 15.84 0.00 -0.02 | 17.54 0.05 0.00 | 19.87 0.17 0.00 | 21.21 0.32 0.00 | 23.50 0.49 0.00 | 21.14 0.49 0.00 | 20.94 0.44 0.00 | 18.03 0.39 0.00 |
| MADISON___COUNTY_LFGE 323628 | 19.13 0.34 0.00 | 18.24 0.29 0.00 | 14.99 0.22 -0.18 | 8.31 0.12 -0.64 | 16.42 0.29 0.00 | 15.95 0.29 0.00 | 19.73 0.46 0.00 | 18.34 0.36 -0.23 | 11.58 0.18 0.00 | -2.49 -0.07 0.00 | 19.07 0.26 0.00 | 19.47 0.23 0.00 | 18.80 0.22 0.00 | 17.60 0.24 0.00 | 17.09 0.21 0.00 | 12.73 0.14 -0.19 | 16.03 0.18 -0.03 | 17.76 0.27 0.00 | 20.08 0.37 0.00 | 21.38 0.50 0.00 | 23.61 0.59 0.00 | 21.20 0.55 0.00 | 20.96 0.46 0.00 | 18.07 0.42 0.00 |
| MALONE___115KV_TB1 356076 | 18.91 0.12 0.00 | 17.88 -0.07 0.00 | 14.57 -0.03 0.00 | 7.55 0.00 0.00 | 16.15 0.03 0.00 | 15.73 0.07 0.00 | 19.43 0.16 0.00 | 24.99 0.20 -7.04 | 11.57 0.17 0.00 | -2.53 -0.11 0.00 | 19.25 0.44 0.00 | 19.63 0.40 0.00 | 18.94 0.37 0.00 | 17.60 0.23 0.00 | 17.03 0.15 0.00 | 12.51 0.11 0.00 | 15.98 0.16 0.00 | 17.63 0.14 0.00 | 19.91 0.21 0.00 | 21.12 0.24 0.00 | 23.32 0.30 0.00 | 20.89 0.24 0.00 | 20.66 0.16 0.00 | 17.74 0.09 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 19.60 0.80 0.00 | 18.73 0.78 0.00 | 18.39 0.66 -3.13 | 19.26 0.34 -11.37 | 16.92 0.71 -0.08 | 16.32 0.66 0.00 | 20.04 0.78 0.00 | 18.47 0.73 0.00 | 15.82 0.43 -3.99 | 8.09 -0.05 -10.56 | 19.44 0.62 0.00 | 19.87 0.64 0.00 | 19.17 0.59 0.00 | 17.98 0.61 0.00 | 17.51 0.63 0.00 | 16.30 0.51 -3.40 | 17.09 0.66 -0.61 | 18.25 0.76 0.00 | 20.56 0.85 0.00 | 21.79 0.90 0.00 | 24.01 1.00 0.00 | 21.51 0.86 0.00 | 21.34 0.84 0.00 | 18.39 0.74 0.00 |
| MAPLE RIDGE_WT_1 323574 | 18.45 -0.34 0.00 | 17.55 -0.40 0.00 | 14.27 -0.33 0.00 | 7.39 -0.16 0.00 | 15.82 -0.30 0.00 | 15.47 -0.18 0.00 | 19.05 -0.21 0.00 | 17.41 -0.19 0.14 | 11.27 -0.12 0.00 | -2.40 0.02 0.00 | 18.64 -0.17 0.00 | 19.06 -0.18 0.00 | 18.39 -0.18 0.00 | 17.15 -0.22 0.00 | 16.65 -0.23 0.00 | 12.23 -0.17 0.00 | 15.63 -0.19 0.00 | 17.26 -0.22 0.00 | 19.45 -0.25 0.00 | 20.63 -0.25 0.00 | 22.72 -0.30 0.00 | 20.37 -0.28 0.00 | 20.21 -0.28 0.00 | 17.42 -0.22 0.00 |

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| MAPLE_RIDGE_WT_2 323611 | 18.45 -0.34 0.00 | 17.55 -0.40 0.00 | 14.27 -0.33 0.00 | 7.39 -0.16 0.00 | 15.82 -0.30 0.00 | 15.47 -0.18 0.00 | 19.05 -0.21 0.00 | 17.41 -0.19 0.14 | 11.27 -0.12 0.00 | -2.40 0.02 0.00 | 18.64 -0.17 0.00 | 19.06 -0.18 0.00 | 18.39 -0.18 0.00 | 17.15 -0.22 0.00 | 16.65 -0.23 0.00 | 12.23 -0.17 0.00 | 15.63 -0.19 0.00 | 17.26 -0.22 0.00 | 19.45 -0.25 0.00 | 20.63 -0.25 0.00 | 22.72 -0.30 0.00 | 20.37 -0.28 0.00 | 20.21 -0.28 0.00 | 17.42 -0.22 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 18.81 0.02 0.00 | 17.75 -0.20 0.00 | 14.46 -0.14 0.00 | 7.51 -0.04 0.00 | 16.04 -0.08 0.00 | 15.61 -0.05 0.00 | 19.31 0.04 0.00 | 16.70 0.09 1.14 | 11.50 0.11 0.00 | -2.52 -0.10 0.00 | 19.22 0.41 0.00 | 19.62 0.39 0.00 | 18.93 0.35 0.00 | 17.62 0.26 0.00 | 17.09 0.21 0.00 | 12.56 0.16 0.00 | 16.03 0.21 0.00 | 17.67 0.18 0.00 | 19.98 0.28 0.00 | 21.14 0.26 0.00 | 23.28 0.26 0.00 | 20.79 0.14 0.00 | 20.51 0.01 0.00 | 17.62 -0.03 0.00 |
| MARSHVLE_115KV_TB1 80742 | 19.89 1.09 0.00 | 18.98 1.03 0.00 | 19.28 0.83 -3.86 | 21.97 0.43 -13.99 | 17.14 0.91 -0.10 | 16.71 1.05 0.00 | 20.64 1.37 0.00 | 19.00 1.26 0.00 | 14.83 0.79 -2.65 | 4.39 -0.19 -7.00 | 19.97 1.16 0.00 | 20.38 1.15 0.00 | 19.67 1.10 0.00 | 18.35 0.98 0.00 | 17.80 0.92 0.00 | 17.29 0.72 -4.18 | 17.49 0.92 -0.75 | 18.53 1.04 0.00 | 20.98 1.28 -0.01 | 22.34 1.46 0.00 | 24.64 1.62 0.00 | 22.15 1.50 0.00 | 21.93 1.44 0.00 | 18.81 1.17 0.00 |
| MARSH_HILL_WT_PWR 323713 | 18.94 0.15 0.00 | 18.13 0.18 0.00 | 15.29 0.16 -0.53 | 9.64 0.17 -1.91 | 16.71 0.58 -0.01 | 16.32 0.66 0.00 | 20.35 1.08 0.00 | 19.23 0.92 -0.56 | 12.09 0.69 0.00 | -2.73 -0.31 0.00 | 19.87 1.06 0.00 | 20.30 1.00 -0.07 | 19.47 0.89 0.00 | 18.28 0.91 -0.01 | 17.62 0.73 0.00 | 13.38 0.37 -0.61 | 16.35 0.42 -0.11 | 18.13 0.65 0.00 | 20.42 0.72 0.00 | 21.67 0.79 0.00 | 24.06 1.04 0.00 | 21.71 1.06 0.00 | 21.40 0.90 0.00 | 18.43 0.78 0.00 |
| MCINTYRE_115KV_TB2 80467 | 18.86 0.07 0.00 | 17.97 0.02 0.00 | 14.64 0.04 0.00 | 7.58 0.03 0.00 | 16.21 0.09 0.00 | 15.76 0.10 0.00 | 19.37 0.10 0.00 | 21.74 0.11 -3.89 | 11.47 0.08 0.00 | -2.46 -0.04 0.00 | 19.02 0.21 0.00 | 19.29 0.06 0.00 | 18.61 0.03 0.00 | 17.25 -0.12 0.00 | 16.65 -0.23 0.00 | 12.22 -0.17 0.00 | 15.62 -0.20 0.00 | 17.23 -0.26 0.00 | 19.42 -0.28 0.00 | 20.65 -0.23 0.00 | 22.92 -0.10 0.00 | 20.70 0.05 0.00 | 20.56 0.07 0.00 | 17.69 0.04 0.00 |
| MECO____69_KV_BK1 80468 | 20.30 1.51 0.00 | 19.40 1.45 0.00 | 19.44 1.18 -3.66 | 21.46 0.62 -13.29 | 17.59 1.37 -0.10 | 16.98 1.32 0.00 | 20.86 1.59 0.00 | 19.13 1.39 0.00 | 15.16 0.79 -2.97 | 4.85 -0.60 -7.87 | 19.78 0.97 0.00 | 20.12 0.89 0.00 | 19.39 0.81 0.00 | 18.10 0.73 0.00 | 17.83 0.95 0.00 | 17.24 0.87 -3.97 | 17.55 1.02 -0.72 | 18.49 1.00 0.00 | 21.35 1.65 -0.01 | 22.85 1.97 0.00 | 25.18 2.16 0.00 | 22.62 1.98 0.00 | 22.36 1.86 0.00 | 19.31 1.66 0.00 |
| MENANDS__115KV_TB5 355628 | 19.49 0.70 0.00 | 18.65 0.70 0.00 | 18.28 0.58 -3.10 | 19.08 0.30 -11.23 | 16.82 0.62 -0.08 | 16.21 0.56 0.00 | 19.88 0.61 0.00 | 18.32 0.58 0.00 | 15.78 0.32 -4.07 | 8.32 -0.03 -10.76 | 19.24 0.43 0.00 | 19.68 0.45 0.00 | 18.99 0.41 0.00 | 17.81 0.45 0.00 | 17.36 0.48 0.00 | 16.15 0.40 -3.36 | 16.92 0.50 -0.61 | 18.07 0.58 0.00 | 20.32 0.61 0.00 | 21.51 0.63 0.00 | 23.69 0.68 0.00 | 21.22 0.57 0.00 | 21.08 0.58 0.00 | 18.19 0.54 0.00 |
| MG INDUSTRY__DRP 24185 | 19.54 0.75 0.00 | 18.70 0.75 0.00 | 18.28 0.63 -3.05 | 18.93 0.32 -11.05 | 16.88 0.68 -0.08 | 16.28 0.62 0.00 | 19.99 0.72 0.00 | 18.40 0.66 0.00 | 15.25 0.36 -3.50 | 6.81 -0.04 -9.27 | 19.26 0.45 0.00 | 19.69 0.46 0.00 | 19.02 0.44 0.00 | 17.83 0.46 0.00 | 17.36 0.48 0.00 | 16.09 0.39 -3.30 | 16.91 0.50 -0.60 | 18.08 0.59 0.00 | 20.37 0.66 0.00 | 21.57 0.69 0.00 | 23.75 0.73 0.00 | 21.28 0.63 0.00 | 21.12 0.62 0.00 | 18.22 0.58 0.00 |
| MID__OSWEGATCHIE_HYD 23849 | 18.81 0.02 0.00 | 17.86 -0.09 0.00 | 14.62 -0.07 -0.08 | 7.84 -0.02 -0.31 | 16.13 0.00 0.00 | 15.73 0.07 0.00 | 19.43 0.16 0.00 | 20.52 0.13 -2.65 | 11.45 0.05 0.00 | -2.44 -0.02 0.00 | 18.78 -0.03 0.00 | 19.08 -0.16 0.00 | 18.40 -0.18 0.00 | 17.08 -0.29 0.00 | 16.47 -0.41 0.00 | 12.19 -0.30 -0.09 | 15.46 -0.37 -0.02 | 17.07 -0.42 0.00 | 19.31 -0.39 0.00 | 20.62 -0.27 0.00 | 22.94 -0.08 0.00 | 20.75 0.10 0.00 | 20.62 0.12 0.00 | 17.73 0.08 0.00 |
| MID__RAQUETTE_HYD 23851 | 18.65 -0.14 0.00 | 17.75 -0.20 0.00 | 14.46 -0.14 0.00 | 7.48 -0.07 0.00 | 16.00 -0.12 0.00 | 15.56 -0.09 0.00 | 19.14 -0.12 0.00 | 21.56 -0.08 -3.89 | 11.36 -0.03 0.00 | -2.44 -0.02 0.00 | 18.80 -0.01 0.00 | 19.09 -0.14 0.00 | 18.41 -0.17 0.00 | 17.03 -0.34 0.00 | 16.37 -0.52 0.00 | 12.02 -0.37 0.00 | 15.35 -0.46 0.00 | 16.90 -0.58 0.00 | 19.06 -0.64 0.00 | 20.28 -0.61 0.00 | 22.51 -0.50 0.00 | 20.42 -0.23 0.00 | 20.36 -0.14 0.00 | 17.50 -0.14 0.00 |
| MILLIKEN__1 23584 | 19.05 0.26 0.00 | 18.18 0.23 0.00 | 15.30 0.16 -0.54 | 9.61 0.09 -1.97 | 16.36 0.22 -0.02 | 15.90 0.25 0.00 | 19.71 0.44 0.00 | 18.41 0.36 -0.31 | 11.56 0.17 0.00 | -2.54 -0.12 0.00 | 18.98 0.17 0.00 | 19.36 0.12 -0.01 | 18.69 0.12 0.00 | 17.48 0.11 0.00 | 16.96 0.07 0.00 | 13.04 0.04 -0.60 | 15.96 0.04 -0.11 | 17.67 0.19 0.00 | 20.02 0.32 0.00 | 21.26 0.38 0.00 | 23.49 0.47 0.00 | 21.09 0.44 0.00 | 20.81 0.31 0.00 | 17.93 0.28 0.00 |
| MILLIKEN__2 23585 | 19.05 0.26 0.00 | 18.18 0.23 0.00 | 15.30 0.16 -0.54 | 9.61 0.09 -1.97 | 16.36 0.22 -0.02 | 15.90 0.25 0.00 | 19.71 0.44 0.00 | 18.41 0.36 -0.31 | 11.56 0.17 0.00 | -2.54 -0.12 0.00 | 18.98 0.17 0.00 | 19.36 0.12 -0.01 | 18.69 0.12 0.00 | 17.48 0.11 0.00 | 16.96 0.07 0.00 | 13.04 0.04 -0.60 | 15.96 0.04 -0.11 | 17.67 0.19 0.00 | 20.02 0.32 0.00 | 21.26 0.38 0.00 | 23.49 0.47 0.00 | 21.09 0.44 0.00 | 20.81 0.31 0.00 | 17.93 0.28 0.00 |
| MILLIKEN__DIESEL 23629 | 19.05 0.26 0.00 | 18.18 0.23 0.00 | 15.30 0.16 -0.54 | 9.61 0.09 -1.97 | 16.36 0.22 -0.02 | 15.90 0.25 0.00 | 19.71 0.44 0.00 | 18.41 0.36 -0.31 | 11.56 0.17 0.00 | -2.54 -0.12 0.00 | 18.98 0.17 0.00 | 19.36 0.12 -0.01 | 18.69 0.12 0.00 | 17.48 0.11 0.00 | 16.96 0.07 0.00 | 13.04 0.04 -0.60 | 15.96 0.04 -0.11 | 17.67 0.19 0.00 | 20.02 0.32 0.00 | 21.26 0.38 0.00 | 23.49 0.47 0.00 | 21.09 0.44 0.00 | 20.81 0.31 0.00 | 17.93 0.28 0.00 |
| MILLSEAT__LFGE 323607 | 18.18 -0.61 0.00 | 17.28 -0.67 0.00 | 14.37 -0.66 -0.43 | 8.75 -0.36 -1.55 | 15.39 -0.74 -0.01 | 14.99 -0.67 0.00 | 18.57 -0.69 0.00 | 16.59 -0.87 0.29 | 10.79 -0.61 0.00 | -2.58 -0.16 0.00 | 17.63 -1.18 0.00 | 17.86 -1.36 0.01 | 17.30 -1.28 0.00 | 16.14 -1.23 0.00 | 15.53 -1.35 0.00 | 11.79 -1.05 -0.45 | 14.45 -1.45 -0.08 | 16.20 -1.29 0.00 | 18.44 -1.27 0.00 | 19.67 -1.21 0.00 | 21.69 -1.33 0.00 | 19.71 -0.94 0.00 | 19.50 -0.99 0.00 | 16.89 -0.76 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 19.70 0.90 0.00 | 18.82 0.87 0.00 | 17.83 0.73 -2.50 | 17.00 0.37 -9.08 | 16.97 0.78 -0.07 | 16.41 0.76 0.00 | 20.23 0.96 0.00 | 18.70 0.96 0.00 | 30.71 0.67 -18.65 | 46.88 -0.03 -49.33 | 19.98 1.16 0.00 | 20.44 1.21 0.00 | 19.81 1.23 0.00 | 18.56 1.20 0.00 | 18.07 1.19 0.00 | 15.99 0.90 -2.70 | 17.44 1.13 -0.49 | 18.68 1.20 0.00 | 21.00 1.29 0.00 | 22.18 1.30 0.00 | 24.44 1.42 0.00 | 21.87 1.22 0.00 | 21.70 1.21 0.00 | 18.69 1.04 0.00 |

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| MILLWOOD_13_KV_LOAD 356217 | 19.74 0.95 0.00 | 18.86 0.91 0.00 | 17.86 0.76 -2.50 | 17.02 0.39 -9.08 | 17.01 0.82 -0.07 | 16.45 0.79 0.00 | 20.27 1.00 0.00 | 18.75 1.01 0.00 | 30.74 0.70 -18.65 | 46.87 -0.04 -49.33 | 20.03 1.21 0.00 | 20.49 1.26 0.00 | 19.86 1.28 0.00 | 18.61 1.25 0.00 | 18.12 1.24 0.00 | 16.03 0.93 -2.70 | 17.49 1.18 -0.49 | 18.74 1.25 0.00 | 21.06 1.36 0.00 | 22.24 1.36 0.00 | 24.51 1.49 0.00 | 21.92 1.27 0.00 | 21.76 1.27 0.00 | 18.73 1.08 0.00 |
| MODEL_CITY_ENERGY 24167 | 17.77 -1.02 0.00 | 16.90 -1.05 0.00 | 14.07 -0.96 -0.43 | 8.61 -0.51 -1.57 | 15.04 -1.10 -0.01 | 14.64 -1.02 0.00 | 18.10 -1.17 0.00 | 16.14 -1.33 0.28 | 10.51 -0.88 0.00 | -2.52 -0.10 0.00 | 17.15 -1.66 0.00 | 17.43 -1.79 0.01 | 16.89 -1.69 0.00 | 15.77 -1.60 0.00 | 15.19 -1.69 0.00 | 11.54 -1.32 -0.45 | 14.11 -1.79 -0.08 | 15.78 -1.71 0.00 | 17.93 -1.77 0.00 | 19.10 -1.79 0.00 | 21.03 -1.98 0.00 | 19.14 -1.51 0.00 | 18.98 -1.51 0.00 | 16.46 -1.19 0.00 |
| MODERN_LFGE_ 323580 | 17.77 -1.02 0.00 | 16.90 -1.05 0.00 | 14.07 -0.96 -0.43 | 8.61 -0.51 -1.57 | 15.04 -1.10 -0.01 | 14.64 -1.02 0.00 | 18.10 -1.17 0.00 | 16.14 -1.33 0.28 | 10.51 -0.88 0.00 | -2.52 -0.10 0.00 | 17.15 -1.66 0.00 | 17.43 -1.79 0.01 | 16.89 -1.69 0.00 | 15.77 -1.60 0.00 | 15.19 -1.69 0.00 | 11.54 -1.32 -0.45 | 14.11 -1.79 -0.08 | 15.78 -1.71 0.00 | 17.93 -1.77 0.00 | 19.10 -1.79 0.00 | 21.03 -1.98 0.00 | 19.14 -1.51 0.00 | 18.98 -1.51 0.00 | 16.46 -1.19 0.00 |
| MOHAWK_PAPER___DRP 24187 | 19.60 0.80 0.00 | 18.73 0.78 0.00 | 18.39 0.66 -3.13 | 19.26 0.34 -11.37 | 16.92 0.71 -0.08 | 16.32 0.66 0.00 | 20.04 0.78 0.00 | 18.47 0.73 0.00 | 15.82 0.43 -3.99 | 8.09 -0.05 -10.56 | 19.44 0.62 0.00 | 19.87 0.64 0.00 | 19.17 0.59 0.00 | 17.98 0.61 0.00 | 17.51 0.63 0.00 | 16.30 0.51 -3.40 | 17.09 0.66 -0.61 | 18.25 0.76 0.00 | 20.56 0.85 0.00 | 21.79 0.90 0.00 | 24.01 1.00 0.00 | 21.51 0.86 0.00 | 21.34 0.84 0.00 | 18.39 0.74 0.00 |
| MOHICAN__35_KV_115KV_LD 80490 | 19.90 1.11 0.00 | 18.96 1.01 0.00 | 18.74 0.91 -3.23 | 19.73 0.48 -11.70 | 17.24 1.03 -0.09 | 16.73 1.07 0.00 | 20.61 1.34 0.00 | 18.96 1.21 0.00 | 15.92 0.73 -3.79 | 7.47 -0.14 -10.04 | 20.01 1.20 0.00 | 20.50 1.26 0.00 | 19.67 1.09 0.00 | 18.42 1.05 0.00 | 17.90 1.02 0.00 | 16.68 0.79 -3.50 | 17.43 0.98 -0.63 | 18.64 1.15 0.00 | 21.06 1.35 0.00 | 22.29 1.41 0.00 | 24.59 1.58 0.00 | 22.08 1.43 0.00 | 21.91 1.42 0.00 | 18.83 1.18 0.00 |
| MONGAUP___HYD 23641 | 19.61 0.82 0.00 | 18.75 0.80 0.00 | 17.53 0.66 -2.27 | 16.14 0.33 -8.25 | 16.90 0.72 -0.06 | 16.31 0.65 0.00 | 20.09 0.82 0.00 | 18.53 0.79 0.00 | -6.69 0.52 18.60 | -51.67 -0.03 49.22 | 19.57 0.76 0.00 | 19.98 0.75 0.00 | 19.35 0.77 0.00 | 18.13 0.76 0.00 | 17.64 0.76 0.00 | 15.48 0.61 -2.47 | 17.08 0.82 -0.45 | 18.29 0.81 0.00 | 20.52 0.82 0.00 | 21.65 0.77 0.00 | 23.98 0.96 0.00 | 21.73 1.09 0.00 | 21.63 1.13 0.00 | 18.63 0.99 0.00 |
| MONTAUK___DIESEL 23721 | 20.85 2.06 0.00 | 19.99 2.04 0.00 | 18.88 1.78 -2.50 | 17.54 0.91 -9.07 | 18.93 1.96 -0.85 | 19.30 1.86 -1.79 | 21.40 2.13 0.00 | 19.66 1.92 0.00 | 30.56 1.33 -17.84 | 44.71 -0.06 -47.19 | 20.57 1.76 0.00 | 20.96 1.72 0.00 | 20.24 1.67 0.01 | 17.50 1.61 1.47 | 17.84 1.55 0.58 | 38.12 1.24 -24.47 | 17.94 1.63 -0.49 | 19.13 1.65 0.00 | 21.53 1.82 0.00 | 22.90 2.02 0.00 | 25.36 2.35 0.00 | 22.64 1.99 0.00 | 22.63 2.13 0.00 | 19.54 1.89 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 18.89 0.10 0.00 | 18.08 0.13 0.00 | 15.11 0.02 -0.50 | 9.37 0.02 -1.81 | 16.21 0.08 -0.01 | 15.80 0.15 0.00 | 19.68 0.42 0.00 | 17.85 0.22 0.11 | 11.52 0.13 0.00 | -2.73 -0.31 0.00 | 19.22 0.41 0.00 | 19.78 0.33 -0.21 | 18.91 0.33 0.00 | 17.66 0.27 -0.02 | 16.96 0.08 -0.01 | 12.71 -0.21 -0.52 | 15.56 -0.35 -0.10 | 17.32 -0.16 0.00 | 19.57 -0.14 0.00 | 20.74 -0.14 0.00 | 22.84 -0.18 0.00 | 20.64 -0.01 0.00 | 20.40 -0.10 0.00 | 17.67 0.02 0.00 |
| MORTIMER_115KV_TB3 55949 | 18.37 -0.43 0.00 | 17.48 -0.47 0.00 | 14.50 -0.45 -0.35 | 8.60 -0.24 -1.28 | 15.61 -0.52 -0.01 | 15.23 -0.43 0.00 | 18.85 -0.42 0.00 | 16.80 -0.53 0.42 | 11.02 -0.38 0.00 | -2.49 -0.07 0.00 | 18.07 -0.74 0.00 | 18.41 -0.80 0.02 | 17.82 -0.75 0.00 | 16.64 -0.72 0.00 | 16.09 -0.79 0.00 | 12.13 -0.64 -0.37 | 15.02 -0.87 -0.07 | 16.75 -0.74 0.00 | 19.00 -0.71 0.00 | 20.19 -0.69 0.00 | 22.27 -0.74 0.00 | 20.09 -0.55 0.00 | 19.87 -0.62 0.00 | 17.13 -0.52 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.34 1.07 0.00 | 18.82 1.07 0.00 | 30.15 0.76 -17.99 | 45.15 -0.03 -47.60 | 20.16 1.35 0.00 | 20.62 1.39 0.00 | 20.00 1.42 0.00 | 18.73 1.37 0.00 | 18.24 1.36 0.00 | 16.12 1.01 -2.71 | 17.58 1.27 -0.49 | 18.82 1.33 0.00 | 21.16 1.45 0.00 | 22.34 1.46 0.00 | 24.60 1.58 0.00 | 22.00 1.35 0.00 | 21.86 1.36 0.00 | 18.81 1.16 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 19.92 1.13 0.00 | 19.05 1.10 0.00 | 16.26 0.87 -0.79 | 10.87 0.46 -2.86 | 17.20 1.06 -0.02 | 16.73 1.08 0.00 | 20.85 1.58 0.00 | 19.28 1.34 -0.20 | 12.12 0.72 0.00 | -2.71 -0.29 0.00 | 19.72 0.91 0.00 | 20.09 0.85 -0.01 | 19.37 0.79 0.00 | 18.18 0.81 0.00 | 17.59 0.71 0.00 | 13.76 0.49 -0.87 | 16.64 0.67 -0.16 | 18.43 0.95 0.00 | 20.99 1.29 0.00 | 22.40 1.51 0.00 | 24.74 1.72 0.00 | 22.21 1.56 0.00 | 21.90 1.40 0.00 | 18.86 1.21 0.00 |
| N SALMON___HYD 24042 | 18.91 0.12 0.00 | 17.87 -0.08 0.00 | 14.56 -0.04 0.00 | 7.55 0.00 0.00 | 16.14 0.02 0.00 | 15.72 0.07 0.00 | 19.43 0.16 0.00 | 24.99 0.20 -7.04 | 11.57 0.17 0.00 | -2.52 -0.10 0.00 | 19.25 0.43 0.00 | 19.63 0.40 0.00 | 18.94 0.37 0.00 | 17.60 0.23 0.00 | 17.03 0.15 0.00 | 12.51 0.11 0.00 | 15.98 0.16 0.00 | 17.63 0.14 0.00 | 19.91 0.21 0.00 | 21.12 0.24 0.00 | 23.32 0.30 0.00 | 20.89 0.24 0.00 | 20.66 0.16 0.00 | 17.74 0.09 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 18.21 -0.58 0.00 | 17.29 -0.66 0.00 | 14.37 -0.65 -0.43 | 8.76 -0.35 -1.55 | 15.40 -0.74 -0.01 | 14.99 -0.67 0.00 | 18.59 -0.68 0.00 | 16.60 -0.85 0.29 | 10.80 -0.60 0.00 | -2.55 -0.13 0.00 | 17.72 -1.09 0.00 | 17.90 -1.32 0.01 | 17.35 -1.23 0.00 | 16.16 -1.20 0.00 | 15.58 -1.30 0.00 | 11.82 -1.02 -0.45 | 14.49 -1.41 -0.08 | 16.26 -1.22 0.00 | 18.48 -1.22 0.00 | 19.70 -1.18 0.00 | 21.72 -1.30 0.00 | 19.73 -0.92 0.00 | 19.51 -0.99 0.00 | 16.92 -0.73 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 20.12 1.33 0.00 | 19.21 1.26 0.00 | 18.18 1.08 -2.50 | 17.17 0.54 -9.07 | 18.07 1.16 -0.79 | 18.56 1.11 -1.79 | 20.59 1.32 0.00 | 19.01 1.26 0.00 | 30.12 0.88 -17.84 | 44.84 0.07 -47.19 | 20.27 1.46 0.00 | 20.74 1.51 0.00 | 20.10 1.52 0.00 | 18.86 1.49 0.00 | 18.30 1.42 0.00 | 37.96 1.09 -24.47 | 17.63 1.32 -0.49 | 18.77 1.28 0.00 | 21.04 1.34 0.00 | 22.32 1.44 0.00 | 24.69 1.68 0.00 | 22.11 1.46 0.00 | 22.06 1.56 0.00 | 19.04 1.39 0.00 |
| N.E._GEN_SANDY PD 24062 | 19.46 0.67 0.00 | 18.60 0.65 0.00 | 18.00 0.56 -2.84 | 18.13 0.29 -10.29 | 16.79 0.60 -0.08 | 16.21 0.55 0.00 | 19.89 0.62 0.00 | 18.34 0.60 0.00 | 17.74 0.39 -5.96 | 13.23 0.00 -15.66 | 23.07 0.62 -3.64 | 24.28 0.64 -4.41 | 19.18 0.62 0.02 | 18.00 0.63 0.00 | 17.53 0.65 0.00 | 15.99 0.52 -3.08 | 17.02 0.65 -0.55 | 18.22 0.74 0.00 | 20.50 0.79 0.00 | 21.71 0.83 0.00 | 23.95 0.93 0.00 | 21.44 0.79 0.00 | 21.28 0.78 0.00 | 18.36 0.71 0.00 |

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| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 19.69 0.89 0.00 | 18.81 0.86 0.00 | 17.72 0.71 -2.41 | 16.65 0.36 -8.73 | 16.95 0.77 -0.06 | 16.39 0.73 0.00 | 20.21 0.94 0.00 | 18.68 0.94 0.00 | -16.88 0.65 28.93 | -78.98 -0.03 76.53 | 19.94 1.13 0.00 | 20.42 1.18 0.00 | 19.81 1.22 0.00 | 18.56 1.20 0.00 | 18.07 1.19 0.00 | 15.90 0.89 -2.61 | 17.41 1.13 -0.47 | 18.67 1.19 0.00 | 20.99 1.29 0.00 | 22.18 1.29 0.00 | 24.43 1.41 0.00 | 21.86 1.21 0.00 | 21.69 1.19 0.00 | 18.68 1.03 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 19.83 1.04 0.00 | 18.99 1.04 0.00 | 17.98 0.88 -2.50 | 17.06 0.44 -9.07 | 17.12 0.93 -0.07 | 16.53 0.87 0.00 | 20.42 1.15 0.00 | 18.90 1.15 0.00 | 30.21 0.82 -18.00 | 45.19 -0.01 -47.61 | 20.23 1.41 -0.01 | 20.69 1.45 -0.01 | 20.08 1.49 -0.01 | 18.79 1.43 0.00 | 18.30 1.42 0.00 | 16.16 1.05 -2.71 | 17.62 1.32 -0.48 | 18.84 1.36 0.00 | 21.15 1.44 0.00 | 22.33 1.46 0.01 | 24.60 1.59 0.01 | 22.02 1.37 0.00 | 21.90 1.41 0.00 | 18.85 1.20 0.00 |
| N.TROY___115KV_TB1 355778 | 19.53 0.74 0.00 | 18.66 0.71 0.00 | 18.35 0.60 -3.15 | 19.29 0.32 -11.42 | 16.86 0.66 -0.08 | 16.27 0.61 0.00 | 19.97 0.70 0.00 | 18.39 0.64 0.00 | 15.81 0.38 -4.03 | 8.18 -0.05 -10.65 | 19.38 0.57 0.00 | 19.83 0.59 0.00 | 19.12 0.55 0.00 | 17.92 0.55 0.00 | 17.45 0.57 0.00 | 16.26 0.45 -3.41 | 17.00 0.57 -0.62 | 18.16 0.67 0.00 | 20.46 0.76 0.00 | 21.70 0.82 0.00 | 23.94 0.92 0.00 | 21.45 0.80 0.00 | 21.29 0.80 0.00 | 18.35 0.70 0.00 |
| NARROWS_GT1_1 24228 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT1_2 24229 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT1_3 24230 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT1_4 24231 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT1_5 24232 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT1_6 24233 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT1_7 24234 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT1_8 24235 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT2_1 24236 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT2_2 24237 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT2_3 24238 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT2_4 24239 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |

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|---|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT2_5 24240 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT2_6 24241 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT2_7 24242 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NARROWS_GT2_8 24243 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 19.87 1.08 0.00 | 18.99 1.04 0.00 | 18.37 0.85 -2.92 | 18.57 0.43 -10.58 | 17.14 0.94 -0.08 | 16.56 0.90 0.00 | 20.34 1.07 0.00 | 18.74 1.00 0.00 | 11.88 0.49 0.00 | -2.48 -0.06 0.00 | 19.32 0.51 0.00 | 19.75 0.52 0.00 | 19.06 0.48 0.00 | 17.89 0.52 0.00 | 17.42 0.54 0.00 | 16.00 0.44 -3.16 | 17.01 0.62 -0.57 | 18.30 0.82 0.00 | 20.67 0.97 0.00 | 21.98 1.10 0.00 | 24.22 1.20 0.00 | 21.68 1.03 0.00 | 21.48 0.99 0.00 | 18.49 0.84 0.00 |
| NCHELSEA_115KV_TR2 355582 | 19.77 0.98 0.00 | 18.90 0.95 0.00 | 17.88 0.78 -2.49 | 16.99 0.40 -9.05 | 17.03 0.84 -0.07 | 16.48 0.82 0.00 | 20.32 1.05 0.00 | 18.78 1.04 0.00 | 12.10 0.71 0.00 | -2.46 -0.04 0.00 | 19.99 1.18 0.00 | 20.46 1.23 0.00 | 19.84 1.26 0.00 | 18.60 1.23 0.00 | 18.10 1.22 0.00 | 16.03 0.93 -2.71 | 17.49 1.19 -0.49 | 18.76 1.28 0.00 | 21.11 1.40 0.00 | 22.31 1.43 0.00 | 24.59 1.57 0.00 | 21.99 1.34 0.00 | 21.81 1.31 0.00 | 18.76 1.12 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 19.76 0.97 0.00 | 18.85 0.91 0.00 | 18.58 0.78 -3.20 | 19.57 0.41 -11.60 | 17.07 0.87 -0.09 | 16.51 0.85 0.00 | 20.32 1.05 0.00 | 18.70 0.96 0.00 | 15.86 0.58 -3.88 | 7.74 -0.10 -10.26 | 19.72 0.91 0.00 | 20.18 0.94 0.00 | 19.45 0.87 0.00 | 18.22 0.85 0.00 | 17.73 0.85 0.00 | 16.54 0.67 -3.47 | 17.29 0.85 -0.63 | 18.49 1.00 0.00 | 20.86 1.15 0.00 | 22.10 1.22 0.00 | 24.38 1.36 0.00 | 21.84 1.19 0.00 | 21.66 1.16 0.00 | 18.63 0.98 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 18.14 -0.65 0.00 | 17.28 -0.67 0.00 | 14.34 -0.61 -0.35 | 8.49 -0.31 -1.26 | 15.47 -0.66 -0.01 | 15.07 -0.59 0.00 | 18.66 -0.61 0.00 | 16.68 -0.66 0.40 | 10.93 -0.46 0.00 | -2.46 -0.04 0.00 | 17.93 -0.89 0.00 | 18.26 -0.96 0.01 | 17.68 -0.90 0.00 | 16.52 -0.85 0.00 | 15.97 -0.91 0.00 | 12.04 -0.72 -0.36 | 14.93 -0.96 -0.06 | 16.60 -0.88 0.00 | 18.84 -0.86 0.00 | 20.00 -0.88 0.00 | 22.06 -0.96 0.00 | 19.88 -0.77 0.00 | 19.65 -0.85 0.00 | 16.93 -0.72 0.00 |
| NEG CENTRAL___DRP 24199 | 18.76 -0.03 0.00 | 17.89 -0.06 0.00 | 14.89 -0.08 -0.37 | 8.87 -0.03 -1.35 | 16.11 -0.03 -0.01 | 15.68 0.02 0.00 | 19.45 0.18 0.00 | 19.88 0.07 -2.06 | 11.23 -0.16 0.00 | -2.47 -0.05 0.00 | 18.48 -0.33 0.00 | 18.84 -0.38 0.01 | 18.22 -0.36 0.00 | 17.02 -0.35 0.00 | 16.50 -0.38 0.00 | 12.43 -0.32 -0.35 | 15.44 -0.44 -0.06 | 17.16 -0.33 0.00 | 19.44 -0.27 0.00 | 20.62 -0.26 0.00 | 22.75 -0.27 0.00 | 20.45 -0.20 0.00 | 20.19 -0.31 0.00 | 17.40 -0.25 0.00 |
| NEG CENTRAL___INDECK 23768 | 19.12 0.33 0.00 | 18.22 0.27 0.00 | 15.22 0.17 -0.44 | 9.30 0.13 -1.61 | 16.52 0.38 -0.01 | 16.17 0.51 0.00 | 20.13 0.86 0.00 | 18.65 0.63 -0.27 | 11.75 0.35 0.00 | -2.65 -0.23 0.00 | 19.14 0.32 0.00 | 19.51 0.26 -0.02 | 18.80 0.22 0.00 | 17.60 0.23 0.00 | 16.97 0.09 0.00 | 12.87 -0.04 -0.51 | 15.83 -0.07 -0.09 | 17.63 0.15 0.00 | 19.99 0.28 0.00 | 21.39 0.50 0.00 | 23.83 0.82 0.00 | 21.52 0.87 0.00 | 21.21 0.71 0.00 | 18.21 0.56 0.00 |
| NEG CENTRAL___SENECA 23627 | 18.83 0.04 0.00 | 17.98 0.03 0.00 | 14.98 -0.03 -0.40 | 9.02 0.00 -1.47 | 16.19 0.06 -0.01 | 15.74 0.09 0.00 | 19.56 0.29 0.00 | 21.25 0.15 -3.36 | 11.17 -0.22 0.00 | -2.48 -0.06 0.00 | 18.38 -0.43 0.00 | 18.74 -0.49 0.01 | 18.11 -0.46 0.00 | 16.92 -0.44 0.00 | 16.39 -0.49 0.00 | 12.34 -0.41 -0.35 | 15.32 -0.56 -0.06 | 17.05 -0.43 0.00 | 19.33 -0.37 0.00 | 20.52 -0.36 0.00 | 22.64 -0.38 0.00 | 20.37 -0.28 0.00 | 20.10 -0.39 0.00 | 17.34 -0.31 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 18.94 0.15 0.00 | 17.99 0.04 0.00 | 15.02 0.05 -0.37 | 8.92 0.03 -1.33 | 16.22 0.09 -0.01 | 15.87 0.22 0.00 | 19.68 0.41 0.00 | 18.66 0.32 -0.60 | 11.50 0.10 0.00 | -2.51 -0.09 0.00 | 18.96 0.15 0.00 | 19.32 0.09 0.00 | 18.68 0.10 0.00 | 17.42 0.05 0.00 | 16.91 0.03 0.00 | 12.79 0.01 -0.38 | 15.85 -0.03 -0.07 | 17.60 0.11 0.00 | 19.94 0.23 0.00 | 21.14 0.25 0.00 | 23.34 0.32 0.00 | 20.96 0.31 0.00 | 20.63 0.13 0.00 | 17.69 0.04 0.00 |
| NEG MILLWOOD___DRP 24198 | 19.82 1.02 0.00 | 18.93 0.98 0.00 | 17.93 0.81 -2.52 | 17.12 0.41 -9.15 | 17.07 0.88 -0.07 | 16.52 0.87 0.00 | 20.38 1.11 0.00 | 18.84 1.10 0.00 | 17.96 0.75 -5.81 | 12.90 -0.06 -15.38 | 20.08 1.27 0.00 | 20.55 1.32 0.00 | 19.93 1.35 0.00 | 18.67 1.31 0.00 | 18.18 1.30 0.00 | 16.12 0.99 -2.74 | 17.56 1.25 -0.49 | 18.83 1.35 0.00 | 21.18 1.47 0.00 | 22.37 1.49 0.00 | 24.66 1.64 0.00 | 22.05 1.41 0.00 | 21.86 1.37 0.00 | 18.81 1.16 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 19.00 0.21 0.00 | 17.94 -0.01 0.00 | 14.64 0.03 0.00 | 7.59 0.04 0.00 | 16.23 0.11 0.00 | 15.81 0.16 0.00 | 19.57 0.30 0.00 | 16.87 0.31 1.19 | 11.65 0.25 0.00 | -2.56 -0.14 0.00 | 19.48 0.67 0.00 | 19.88 0.64 0.00 | 19.17 0.59 0.00 | 17.86 0.50 0.00 | 17.31 0.43 0.00 | 12.72 0.32 0.00 | 16.23 0.41 0.00 | 17.89 0.41 0.00 | 20.25 0.55 0.00 | 21.42 0.54 0.00 | 23.57 0.56 0.00 | 21.03 0.37 0.00 | 20.74 0.25 0.00 | 17.80 0.15 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 18.81 0.02 0.00 | 17.75 -0.20 0.00 | 14.47 -0.12 0.00 | 7.50 -0.05 0.00 | 16.04 -0.08 0.00 | 15.61 -0.05 0.00 | 19.27 0.00 0.00 | 16.22 0.06 1.58 | 11.48 0.09 0.00 | -2.52 -0.10 0.00 | 19.18 0.37 0.00 | 19.58 0.35 0.00 | 18.89 0.31 0.00 | 17.58 0.22 0.00 | 17.05 0.17 0.00 | 12.53 0.13 0.00 | 15.99 0.18 0.00 | 17.65 0.16 0.00 | 19.95 0.24 0.00 | 21.13 0.25 0.00 | 23.28 0.26 0.00 | 20.79 0.14 0.00 | 20.52 0.03 0.00 | 17.63 -0.02 0.00 |

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| NEG NORTH___ALICE_FALLS 23915 | 18.98 0.19 0.00 | 17.91 -0.04 0.00 | 14.61 0.01 0.00 | 7.58 0.03 0.00 | 16.20 0.08 0.00 | 15.79 0.13 0.00 | 19.55 0.28 0.00 | 16.79 0.30 1.25 | 11.61 0.21 0.00 | -2.55 -0.13 0.00 | 19.39 0.58 0.00 | 19.78 0.55 0.00 | 19.08 0.50 0.00 | 17.77 0.40 0.00 | 17.22 0.34 0.00 | 12.66 0.26 0.00 | 16.16 0.34 0.00 | 17.82 0.34 0.00 | 20.19 0.49 0.00 | 21.38 0.50 0.00 | 23.55 0.53 0.00 | 21.00 0.36 0.00 | 20.71 0.22 0.00 | 17.77 0.13 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 18.98 0.19 0.00 | 17.91 -0.04 0.00 | 14.61 0.01 0.00 | 7.58 0.03 0.00 | 16.20 0.08 0.00 | 15.79 0.13 0.00 | 19.55 0.28 0.00 | 16.79 0.30 1.25 | 11.61 0.21 0.00 | -2.55 -0.13 0.00 | 19.39 0.58 0.00 | 19.78 0.55 0.00 | 19.08 0.50 0.00 | 17.77 0.40 0.00 | 17.22 0.34 0.00 | 12.66 0.26 0.00 | 16.16 0.34 0.00 | 17.82 0.34 0.00 | 20.19 0.49 0.00 | 21.38 0.50 0.00 | 23.55 0.53 0.00 | 21.00 0.36 0.00 | 20.71 0.22 0.00 | 17.77 0.13 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 18.98 0.19 0.00 | 17.91 -0.04 0.00 | 14.60 0.00 0.00 | 7.58 0.03 0.00 | 16.19 0.07 0.00 | 15.78 0.12 0.00 | 19.55 0.28 0.00 | 16.79 0.30 1.25 | 11.61 0.21 0.00 | -2.55 -0.13 0.00 | 19.39 0.58 0.00 | 19.78 0.55 0.00 | 19.08 0.50 0.00 | 17.76 0.40 0.00 | 17.22 0.34 0.00 | 12.66 0.26 0.00 | 16.16 0.34 0.00 | 17.82 0.34 0.00 | 20.19 0.49 0.00 | 21.38 0.50 0.00 | 23.55 0.53 0.00 | 21.00 0.36 0.00 | 20.71 0.21 0.00 | 17.77 0.13 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 17.99 -0.80 0.00 | 17.10 -0.85 0.00 | 14.22 -0.81 -0.43 | 8.69 -0.43 -1.56 | 15.22 -0.92 -0.01 | 14.81 -0.85 0.00 | 18.33 -0.94 0.00 | 16.35 -1.11 0.28 | 10.65 -0.74 0.00 | -2.52 -0.10 0.00 | 17.42 -1.39 0.00 | 17.70 -1.53 0.01 | 17.15 -1.43 0.00 | 15.99 -1.38 0.00 | 15.40 -1.48 0.00 | 11.69 -1.16 -0.45 | 14.31 -1.59 -0.08 | 16.04 -1.45 0.00 | 18.19 -1.51 0.00 | 19.38 -1.51 0.00 | 21.34 -1.67 0.00 | 19.40 -1.25 0.00 | 19.22 -1.28 0.00 | 16.68 -0.97 0.00 |
| NEG WEST___LANCASTR 23811 | 18.60 -0.20 0.00 | 17.72 -0.23 0.00 | 14.77 -0.32 -0.49 | 9.17 -0.18 -1.79 | 15.81 -0.33 -0.01 | 15.37 -0.28 0.00 | 19.07 -0.20 0.00 | 17.12 -0.38 0.24 | 11.13 -0.27 0.00 | -2.63 -0.21 0.00 | 18.23 -0.59 0.00 | 18.74 -0.67 -0.17 | 17.96 -0.62 0.00 | 16.75 -0.64 -0.02 | 16.16 -0.72 0.00 | 12.30 -0.62 -0.52 | 15.06 -0.85 -0.10 | 16.80 -0.69 0.00 | 18.99 -0.71 0.00 | 20.17 -0.71 0.00 | 22.26 -0.76 0.00 | 20.16 -0.49 0.00 | 19.96 -0.53 0.00 | 17.30 -0.35 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 19.03 0.24 0.00 | 18.20 0.25 0.00 | 15.59 0.16 -0.84 | 10.66 0.08 -3.03 | 16.34 0.20 -0.02 | 15.88 0.22 0.00 | 19.65 0.38 0.00 | 18.19 0.30 -0.15 | 11.57 0.18 0.00 | -2.55 -0.13 0.00 | 19.09 0.28 0.00 | 19.52 0.27 -0.02 | 18.83 0.25 0.00 | 17.64 0.27 0.00 | 17.09 0.21 0.00 | 13.43 0.11 -0.92 | 16.11 0.12 -0.17 | 17.70 0.21 0.00 | 19.95 0.25 0.00 | 21.13 0.25 0.00 | 23.32 0.31 0.00 | 20.96 0.31 0.00 | 20.75 0.25 0.00 | 17.87 0.22 0.00 |
| NEG___GEN_MONROE 24207 | 18.48 -0.31 0.00 | 17.59 -0.36 0.00 | 14.59 -0.37 -0.35 | 8.65 -0.19 -1.28 | 15.72 -0.41 -0.01 | 15.32 -0.33 0.00 | 18.98 -0.29 0.00 | 16.90 -0.43 0.42 | 11.07 -0.32 0.00 | -2.49 -0.07 0.00 | 18.12 -0.69 0.00 | 18.47 -0.74 0.02 | 17.86 -0.72 0.00 | 16.66 -0.71 0.00 | 16.10 -0.78 0.00 | 12.13 -0.64 -0.37 | 15.03 -0.85 -0.07 | 16.77 -0.72 0.00 | 19.04 -0.66 0.00 | 20.26 -0.62 0.00 | 22.36 -0.66 0.00 | 20.18 -0.47 0.00 | 19.97 -0.52 0.00 | 17.26 -0.39 0.00 |
| NEPA___ENERGY 23901 | 18.83 0.04 0.00 | 17.98 0.04 0.00 | 15.02 -0.08 -0.50 | 9.33 -0.04 -1.82 | 16.07 -0.07 -0.01 | 15.66 0.00 0.00 | 19.47 0.20 0.00 | 17.59 -0.01 0.15 | 11.37 -0.03 0.00 | -2.70 -0.28 0.00 | 18.86 0.05 0.00 | 19.42 -0.01 -0.20 | 18.58 0.00 0.00 | 17.38 -0.01 -0.02 | 16.72 -0.16 -0.01 | 12.60 -0.32 -0.52 | 15.40 -0.51 -0.10 | 17.12 -0.36 0.00 | 19.29 -0.42 0.00 | 20.44 -0.44 0.00 | 22.59 -0.43 0.00 | 20.45 -0.20 0.00 | 20.23 -0.27 0.00 | 17.49 -0.16 0.00 |
| NEVERSINK___HYD 23608 | 19.65 0.85 0.00 | 18.79 0.84 0.00 | 17.51 0.69 -2.22 | 15.95 0.34 -8.05 | 16.97 0.78 -0.06 | 16.33 0.67 0.00 | 20.16 0.89 0.00 | 18.59 0.85 0.00 | 6.98 0.60 5.02 | -15.74 -0.04 13.28 | 19.85 1.04 0.00 | 20.31 1.08 0.00 | 19.71 1.13 0.00 | 18.41 1.04 0.00 | 17.53 0.65 0.00 | 15.29 0.49 -2.41 | 16.90 0.65 -0.43 | 18.18 0.69 0.00 | 20.45 0.75 0.00 | 21.69 0.81 0.00 | 24.46 1.44 0.00 | 21.88 1.24 0.00 | 21.69 1.19 0.00 | 18.72 1.07 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 19.58 0.78 0.00 | 18.72 0.77 0.00 | 18.38 0.64 -3.14 | 19.25 0.33 -11.38 | 16.88 0.68 -0.08 | 16.27 0.61 0.00 | 19.98 0.71 0.00 | 18.41 0.67 0.00 | 15.63 0.34 -3.89 | 7.83 -0.03 -10.28 | 19.20 0.39 0.00 | 19.65 0.41 0.00 | 18.97 0.40 0.00 | 17.81 0.45 0.00 | 17.36 0.48 0.00 | 16.20 0.40 -3.40 | 16.94 0.50 -0.61 | 18.08 0.60 0.00 | 20.36 0.65 0.00 | 21.54 0.66 0.00 | 23.69 0.68 0.00 | 21.22 0.57 0.00 | 21.07 0.57 0.00 | 18.17 0.52 0.00 |
| NEWTON___FALLS_HYD 23847 | 18.81 0.02 0.00 | 17.86 -0.09 0.00 | 14.62 -0.07 -0.08 | 7.84 -0.02 -0.31 | 16.13 0.00 0.00 | 15.73 0.07 0.00 | 19.43 0.16 0.00 | 20.52 0.13 -2.65 | 11.45 0.05 0.00 | -2.44 -0.02 0.00 | 18.78 -0.03 0.00 | 19.08 -0.16 0.00 | 18.40 -0.18 0.00 | 17.08 -0.29 0.00 | 16.47 -0.41 0.00 | 12.19 -0.30 -0.09 | 15.46 -0.37 -0.02 | 17.07 -0.42 0.00 | 19.31 -0.39 0.00 | 20.62 -0.27 0.00 | 22.94 -0.08 0.00 | 20.75 0.10 0.00 | 20.62 0.12 0.00 | 17.73 0.08 0.00 |
| NGRID_A1_DSASP 323792 | 17.72 -1.07 0.00 | 16.86 -1.09 0.00 | 14.04 -1.00 -0.44 | 8.58 -0.55 -1.58 | 14.98 -1.15 -0.01 | 14.58 -1.08 0.00 | 18.02 -1.25 0.00 | 16.06 -1.42 0.26 | 10.47 -0.93 0.00 | -2.51 -0.08 0.00 | 17.10 -1.71 0.00 | 17.34 -1.83 0.06 | 16.85 -1.73 0.00 | 15.73 -1.64 0.00 | 15.14 -1.74 0.00 | 11.50 -1.36 -0.46 | 14.07 -1.83 -0.08 | 15.74 -1.75 0.00 | 17.88 -1.82 0.00 | 19.04 -1.85 0.00 | 20.96 -2.06 0.00 | 19.06 -1.59 0.00 | 18.91 -1.58 0.00 | 16.39 -1.26 0.00 |
| NGRID_A2_DSASP 323793 | 17.72 -1.07 0.00 | 16.86 -1.09 0.00 | 14.04 -1.00 -0.44 | 8.58 -0.55 -1.58 | 14.98 -1.15 -0.01 | 14.58 -1.08 0.00 | 18.02 -1.25 0.00 | 16.06 -1.42 0.26 | 10.47 -0.93 0.00 | -2.51 -0.08 0.00 | 17.10 -1.71 0.00 | 17.34 -1.83 0.06 | 16.85 -1.73 0.00 | 15.73 -1.64 0.00 | 15.14 -1.74 0.00 | 11.50 -1.36 -0.46 | 14.07 -1.83 -0.08 | 15.74 -1.75 0.00 | 17.88 -1.82 0.00 | 19.04 -1.85 0.00 | 20.96 -2.06 0.00 | 19.06 -1.59 0.00 | 18.91 -1.58 0.00 | 16.39 -1.26 0.00 |
| NGRID_A4_DSASP 323807 | 17.73 -1.07 0.00 | 16.85 -1.10 0.00 | 14.03 -1.01 -0.44 | 8.58 -0.55 -1.58 | 14.98 -1.15 -0.01 | 14.57 -1.09 0.00 | 18.02 -1.25 0.00 | 16.06 -1.42 0.26 | 10.47 -0.93 0.00 | -2.47 -0.05 0.00 | 17.10 -1.71 0.00 | 17.33 -1.84 0.06 | 16.86 -1.72 0.00 | 15.71 -1.65 0.00 | 15.15 -1.73 0.00 | 11.50 -1.36 -0.46 | 14.07 -1.83 -0.08 | 15.76 -1.72 0.00 | 17.89 -1.82 0.00 | 19.04 -1.84 0.00 | 20.97 -2.05 0.00 | 19.06 -1.59 0.00 | 18.91 -1.59 0.00 | 16.40 -1.25 0.00 |
| NIAGARA_115E_LBMP 323715 | 17.66 -1.13 0.00 | 16.79 -1.15 0.00 | 13.99 -1.05 -0.44 | 8.58 -0.56 -1.58 | 14.94 -1.19 -0.01 | 14.54 -1.12 0.00 | 17.98 -1.29 0.00 | 16.03 -1.45 0.27 | 10.44 -0.96 0.00 | -2.50 -0.08 0.00 | 17.01 -1.80 0.00 | 17.30 -1.92 0.01 | 16.77 -1.81 0.00 | 15.65 -1.72 0.00 | 15.08 -1.80 0.00 | 11.46 -1.40 -0.46 | 14.01 -1.89 -0.08 | 15.66 -1.83 0.00 | 17.79 -1.91 0.00 | 18.95 -1.93 0.00 | 20.86 -2.15 0.00 | 19.00 -1.66 0.00 | 18.85 -1.64 0.00 | 16.36 -1.29 0.00 |

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| NIAGARA_115W_LBMP 323714 | 17.69 -1.10 0.00 | 16.83 -1.12 0.00 | 14.01 -1.03 -0.44 | 8.57 -0.57 -1.58 | 14.96 -1.17 -0.01 | 14.55 -1.10 0.00 | 17.99 -1.28 0.00 | 16.03 -1.45 0.26 | 10.45 -0.95 0.00 | -2.49 -0.07 0.00 | 17.06 -1.75 0.00 | 17.30 -1.87 0.06 | 16.81 -1.76 0.00 | 15.69 -1.67 0.00 | 15.12 -1.76 0.00 | 11.48 -1.37 -0.46 | 14.04 -1.86 -0.08 | 15.71 -1.78 0.00 | 17.84 -1.86 0.00 | 19.00 -1.88 0.00 | 20.92 -2.10 0.00 | 19.02 -1.63 0.00 | 18.88 -1.62 0.00 | 16.37 -1.29 0.00 |
| NIAGARA_230_LBMP 323716 | 17.85 -0.94 0.00 | 16.99 -0.96 0.00 | 14.14 -0.89 -0.43 | 8.64 -0.48 -1.56 | 15.11 -1.02 -0.01 | 14.70 -0.96 0.00 | 18.17 -1.10 0.00 | 16.21 -1.27 0.27 | 10.56 -0.84 0.00 | -2.52 -0.10 0.00 | 17.28 -1.53 0.00 | 17.54 -1.63 0.06 | 17.03 -1.55 0.00 | 15.88 -1.48 0.01 | 15.30 -1.58 0.00 | 11.61 -1.24 -0.45 | 14.22 -1.68 -0.08 | 15.90 -1.59 0.00 | 18.06 -1.65 0.00 | 19.21 -1.67 0.00 | 21.17 -1.85 0.00 | 19.22 -1.43 0.00 | 19.07 -1.43 0.00 | 16.53 -1.12 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 17.69 -1.10 0.00 | 16.82 -1.13 0.00 | 14.00 -1.03 -0.44 | 8.57 -0.57 -1.58 | 14.95 -1.18 -0.01 | 14.55 -1.11 0.00 | 17.99 -1.28 0.00 | 16.03 -1.45 0.26 | 10.45 -0.95 0.00 | -2.47 -0.05 0.00 | 17.07 -1.74 0.00 | 17.29 -1.88 0.06 | 16.82 -1.76 0.00 | 15.68 -1.69 0.00 | 15.12 -1.76 0.00 | 11.48 -1.38 -0.46 | 14.04 -1.86 -0.08 | 15.73 -1.75 0.00 | 17.85 -1.86 0.00 | 19.00 -1.88 0.00 | 20.92 -2.10 0.00 | 19.02 -1.63 0.00 | 18.87 -1.63 0.00 | 16.37 -1.28 0.00 |
| NIAGARA____ 23760 | 17.76 -1.03 0.00 | 16.90 -1.05 0.00 | 14.07 -0.97 -0.44 | 8.60 -0.53 -1.58 | 15.03 -1.10 -0.01 | 14.62 -1.04 0.00 | 18.08 -1.19 0.00 | 16.14 -1.34 0.27 | 10.51 -0.88 0.00 | -2.50 -0.08 0.00 | 17.17 -1.64 0.00 | 17.43 -1.75 0.05 | 16.92 -1.66 0.00 | 15.79 -1.57 0.00 | 15.22 -1.66 0.00 | 11.55 -1.30 -0.45 | 14.14 -1.76 -0.08 | 15.80 -1.68 0.00 | 17.95 -1.75 0.00 | 19.11 -1.77 0.00 | 21.04 -1.98 0.00 | 19.12 -1.53 0.00 | 18.97 -1.52 0.00 | 16.44 -1.21 0.00 |
| NINE_MILE_1 23575 | 18.14 -0.65 0.00 | 17.31 -0.64 0.00 | 14.27 -0.55 -0.22 | 8.06 -0.28 -0.80 | 15.54 -0.59 -0.01 | 15.11 -0.55 0.00 | 18.65 -0.62 0.00 | 17.13 -0.61 0.00 | 10.98 -0.42 0.00 | -2.38 0.04 0.00 | 18.09 -0.72 0.00 | 18.48 -0.75 0.00 | 17.86 -0.72 0.00 | 16.70 -0.67 0.00 | 16.21 -0.67 0.00 | 12.12 -0.51 -0.23 | 15.19 -0.67 -0.04 | 16.82 -0.67 0.00 | 19.00 -0.71 0.00 | 20.15 -0.73 0.00 | 22.21 -0.80 0.00 | 19.96 -0.69 0.00 | 19.76 -0.74 0.00 | 17.01 -0.63 0.00 |
| NINE_MILE_2 23744 | 18.15 -0.65 0.00 | 17.31 -0.63 0.00 | 14.27 -0.55 -0.22 | 8.06 -0.28 -0.80 | 15.54 -0.59 -0.01 | 15.11 -0.55 0.00 | 18.65 -0.62 0.00 | 17.13 -0.61 0.00 | 10.98 -0.42 0.00 | -2.38 0.04 0.00 | 18.09 -0.72 0.00 | 18.48 -0.75 0.00 | 17.86 -0.72 0.00 | 16.70 -0.67 0.00 | 16.21 -0.67 0.00 | 12.13 -0.50 -0.23 | 15.19 -0.67 -0.04 | 16.82 -0.66 0.00 | 19.00 -0.71 0.00 | 20.15 -0.73 0.00 | 22.22 -0.80 0.00 | 19.96 -0.69 0.00 | 19.76 -0.74 0.00 | 17.02 -0.63 0.00 |
| NM_CAPITAL____DRP 24208 | 19.50 0.70 0.00 | 18.65 0.70 0.00 | 18.28 0.58 -3.10 | 19.08 0.30 -11.23 | 16.82 0.62 -0.08 | 16.21 0.55 0.00 | 19.89 0.62 0.00 | 18.32 0.58 0.00 | 15.77 0.32 -4.06 | 8.29 -0.02 -10.73 | 19.23 0.42 0.00 | 19.66 0.43 0.00 | 18.98 0.41 0.00 | 17.81 0.44 0.00 | 17.35 0.47 0.00 | 16.14 0.39 -3.36 | 16.91 0.48 -0.61 | 18.06 0.58 0.00 | 20.31 0.60 0.00 | 21.50 0.62 0.00 | 23.67 0.65 0.00 | 21.20 0.55 0.00 | 21.06 0.56 0.00 | 18.17 0.52 0.00 |
| NM_CENTRAL____DRP 24181 | 18.52 -0.27 0.00 | 17.67 -0.28 0.00 | 14.61 -0.26 -0.27 | 8.40 -0.14 -0.98 | 15.86 -0.27 -0.01 | 15.42 -0.24 0.00 | 19.06 -0.21 0.00 | 17.63 -0.24 -0.13 | 11.23 -0.17 0.00 | -2.44 -0.02 0.00 | 18.49 -0.33 0.00 | 18.89 -0.34 0.00 | 18.25 -0.33 0.00 | 17.08 -0.29 0.00 | 16.57 -0.31 0.00 | 12.44 -0.25 -0.29 | 15.54 -0.33 -0.05 | 17.20 -0.28 0.00 | 19.43 -0.27 0.00 | 20.61 -0.27 0.00 | 22.72 -0.29 0.00 | 20.40 -0.25 0.00 | 20.19 -0.31 0.00 | 17.39 -0.26 0.00 |
| NM_FRONTIER____DRP 24179 | 17.69 -1.10 0.00 | 16.82 -1.13 0.00 | 14.00 -1.03 -0.44 | 8.57 -0.57 -1.58 | 14.95 -1.18 -0.01 | 14.55 -1.11 0.00 | 17.99 -1.28 0.00 | 16.03 -1.45 0.26 | 10.45 -0.95 0.00 | -2.47 -0.05 0.00 | 17.07 -1.74 0.00 | 17.29 -1.88 0.06 | 16.82 -1.76 0.00 | 15.68 -1.69 0.00 | 15.12 -1.76 0.00 | 11.48 -1.38 -0.46 | 14.04 -1.86 -0.08 | 15.73 -1.75 0.00 | 17.85 -1.86 0.00 | 19.00 -1.88 0.00 | 20.92 -2.10 0.00 | 19.02 -1.63 0.00 | 18.87 -1.63 0.00 | 16.37 -1.28 0.00 |
| NM_ST_REGIS____HYD 24053 | 18.72 -0.07 0.00 | 17.79 -0.16 0.00 | 14.49 -0.11 0.00 | 7.51 -0.05 0.00 | 16.05 -0.08 0.00 | 15.62 -0.04 0.00 | 19.22 -0.04 0.00 | 22.29 0.01 -4.54 | 11.42 0.02 0.00 | -2.46 -0.03 0.00 | 18.92 0.11 0.00 | 19.23 0.00 0.00 | 18.56 -0.02 0.00 | 17.18 -0.18 0.00 | 16.54 -0.34 0.00 | 12.15 -0.25 0.00 | 15.53 -0.29 0.00 | 17.09 -0.39 0.00 | 19.29 -0.42 0.00 | 20.50 -0.38 0.00 | 22.74 -0.28 0.00 | 20.55 -0.10 0.00 | 20.45 -0.05 0.00 | 17.57 -0.08 0.00 |
| NORTHPORT____1 23551 | 20.13 1.34 0.00 | 19.22 1.27 0.00 | 18.21 1.11 -2.50 | 17.20 0.57 -9.07 | 18.17 1.20 -0.85 | 18.57 1.12 -1.79 | 20.56 1.29 0.00 | 18.97 1.22 0.00 | 30.10 0.87 -17.84 | 44.83 0.06 -47.19 | 20.16 1.34 0.00 | 20.60 1.37 0.00 | 19.95 1.37 0.00 | 18.75 1.38 0.00 | 18.21 1.33 0.00 | 37.89 1.02 -24.47 | 17.59 1.28 -0.49 | 18.66 1.18 0.00 | 20.91 1.21 0.00 | 22.18 1.30 0.00 | 24.55 1.53 0.00 | 21.96 1.31 0.00 | 21.95 1.46 0.00 | 19.02 1.37 0.00 |
| NORTHPORT____2 23552 | 20.13 1.34 0.00 | 19.22 1.27 0.00 | 18.21 1.11 -2.50 | 17.20 0.57 -9.07 | 18.17 1.20 -0.85 | 18.53 1.09 -1.79 | 20.53 1.26 0.00 | 18.94 1.19 0.00 | 30.08 0.85 -17.84 | 44.85 0.07 -47.19 | 20.18 1.36 0.00 | 20.62 1.39 0.00 | 19.97 1.39 0.00 | 18.80 1.44 0.00 | 18.25 1.37 0.00 | 37.91 1.03 -24.47 | 17.60 1.29 -0.49 | 18.65 1.17 0.00 | 20.87 1.17 0.00 | 22.11 1.23 0.00 | 24.48 1.46 0.00 | 21.88 1.24 0.00 | 21.91 1.41 0.00 | 19.00 1.35 0.00 |
| NORTHPORT____3 23553 | 20.02 1.22 0.00 | 19.12 1.17 0.00 | 18.11 1.01 -2.50 | 17.15 0.52 -9.07 | 18.06 1.09 -0.85 | 18.49 1.04 -1.79 | 20.48 1.21 0.00 | 18.90 1.16 0.00 | 30.04 0.81 -17.84 | 44.83 0.06 -47.19 | 20.11 1.30 0.00 | 20.56 1.32 0.00 | 19.91 1.33 0.00 | 18.72 1.23 -0.13 | 18.14 1.21 -0.05 | 37.87 1.00 -24.47 | 17.55 1.25 -0.49 | 18.65 1.16 0.00 | 20.88 1.17 0.00 | 22.14 1.26 0.00 | 24.49 1.48 0.00 | 21.89 1.24 0.00 | 21.86 1.37 0.00 | 18.93 1.28 0.00 |
| NORTHPORT____4 23650 | 20.02 1.22 0.00 | 19.12 1.17 0.00 | 18.11 1.01 -2.50 | 17.15 0.52 -9.07 | 18.06 1.09 -0.85 | 18.49 1.04 -1.79 | 20.48 1.21 0.00 | 18.90 1.16 0.00 | 30.04 0.81 -17.84 | 44.83 0.06 -47.19 | 20.11 1.30 0.00 | 20.56 1.32 0.00 | 19.91 1.33 0.00 | 18.72 1.23 -0.13 | 18.14 1.21 -0.05 | 37.87 1.00 -24.47 | 17.55 1.25 -0.49 | 18.65 1.16 0.00 | 20.88 1.17 0.00 | 22.14 1.26 0.00 | 24.49 1.48 0.00 | 21.89 1.24 0.00 | 21.86 1.37 0.00 | 18.93 1.28 0.00 |
| NORTHPORT____IC 23718 | 20.13 1.34 0.00 | 19.22 1.27 0.00 | 18.21 1.11 -2.50 | 17.20 0.57 -9.07 | 18.17 1.20 -0.85 | 18.57 1.12 -1.79 | 20.56 1.29 0.00 | 18.97 1.22 0.00 | 30.10 0.87 -17.84 | 44.83 0.06 -47.19 | 20.16 1.34 0.00 | 20.60 1.37 0.00 | 19.95 1.37 0.00 | 18.75 1.38 0.00 | 18.21 1.33 0.00 | 37.89 1.02 -24.47 | 17.59 1.28 -0.49 | 18.66 1.18 0.00 | 20.91 1.21 0.00 | 22.18 1.30 0.00 | 24.55 1.53 0.00 | 21.96 1.31 0.00 | 21.95 1.46 0.00 | 19.02 1.37 0.00 |

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|-------------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------------|------------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|
| NORTH__COUNTRY_ESR 323785 | 18.77 -0.02 0.00 | 17.71 -0.24 0.00 | 14.43 -0.17 0.00 | 7.49 -0.06 0.00 | 16.00 -0.13 0.00 | 15.57 -0.09 0.00 | 19.23 -0.04 0.00 | 16.17 0.02 1.59 | 11.46 0.07 0.00 | -2.51 -0.09 0.00 | 19.15 0.34 0.00 | 19.56 0.33 0.00 | 18.87 0.29 0.00 | 17.56 0.20 0.00 | 17.04 0.16 0.00 | 12.52 0.12 0.00 | 15.98 0.16 0.00 | 17.62 0.13 0.00 | 19.91 0.21 0.00 | 21.08 0.20 0.00 | 23.22 0.20 0.00 | 20.74 0.09 0.00 | 20.46 -0.03 0.00 | 17.58 -0.07 0.00 |
| NPX_GEN_1385_PROXY 323591 | 19.93 1.13 0.00 | 19.08 1.13 0.00 | 18.22 1.12 -2.50 | 17.21 0.58 -9.07 | 18.17 1.20 -0.85 | 18.56 1.11 -1.79 | 20.56 1.30 0.00 | 18.97 1.23 0.00 | 30.10 0.87 -17.84 | 44.84 0.07 -47.19 | 20.21 1.40 0.00 | 20.66 1.43 0.00 | 20.01 1.43 0.00 | 18.83 1.47 0.00 | 18.29 1.41 0.00 | 37.93 1.06 -24.47 | 17.63 1.32 -0.49 | 18.68 1.20 0.00 | 20.91 1.20 0.00 | 22.15 1.27 0.00 | 24.52 1.50 0.00 | 21.93 1.27 0.00 | 21.95 1.45 0.00 | 19.00 1.35 0.00 |
| NPX_GEN_CSC 323557 | 20.18 1.39 0.00 | 19.31 1.36 0.00 | 18.32 1.22 -2.50 | 17.25 0.62 -9.07 | 18.31 1.34 -0.85 | 18.63 1.18 -1.79 | 20.52 1.25 0.00 | 18.85 1.11 0.00 | 30.05 0.82 -17.84 | 44.82 0.05 -47.19 | 19.75 0.94 0.00 | 20.12 0.89 0.00 | 19.47 0.90 0.01 | 16.82 0.92 1.47 | 17.19 0.89 0.58 | 37.62 0.75 -24.47 | 17.28 0.97 -0.49 | 18.37 0.88 0.00 | 20.65 0.95 0.00 | 21.96 1.08 0.00 | 24.34 1.33 0.00 | 21.73 1.08 0.00 | 21.72 1.22 0.00 | 18.87 1.22 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 19.91 1.11 0.00 | 18.97 1.02 0.00 | 18.76 0.93 -3.23 | 19.75 0.49 -11.71 | 17.26 1.05 -0.09 | 16.74 1.08 0.00 | 20.63 1.36 0.00 | 18.98 1.24 0.00 | 15.93 0.75 -3.79 | 7.44 -0.16 -10.01 | 20.04 1.23 0.00 | 20.52 1.29 0.00 | 19.69 1.11 0.00 | 18.44 1.07 0.00 | 17.91 1.03 0.00 | 16.69 0.79 -3.50 | 17.44 0.99 -0.63 | 18.65 1.16 0.00 | 21.06 1.35 0.00 | 22.29 1.41 0.00 | 24.59 1.57 0.00 | 22.08 1.43 0.00 | 21.92 1.42 0.00 | 18.84 1.20 0.00 |
| NUCOR_STEEL__DRP 24197 | 18.85 0.06 0.00 | 17.92 -0.03 0.00 | 14.94 -0.02 -0.36 | 8.84 0.00 -1.29 | 16.18 0.05 -0.01 | 15.72 0.06 0.00 | 19.48 0.21 0.00 | 18.19 0.15 -0.30 | 11.40 0.01 0.00 | -2.49 -0.07 0.00 | 18.82 0.01 0.00 | 19.18 -0.05 0.00 | 18.54 -0.04 0.00 | 17.29 -0.08 0.00 | 16.80 -0.08 0.00 | 12.70 -0.07 -0.38 | 15.73 -0.15 -0.07 | 17.46 -0.03 0.00 | 19.79 0.09 0.00 | 20.98 0.10 0.00 | 23.17 0.15 0.00 | 20.81 0.16 0.00 | 20.47 -0.03 0.00 | 17.67 0.02 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 19.03 0.24 0.00 | 18.04 0.09 0.00 | 14.78 0.06 -0.11 | 8.03 0.06 -0.42 | 16.32 0.20 0.00 | 15.93 0.27 0.00 | 19.74 0.47 0.00 | 19.27 0.37 -1.16 | 11.56 0.16 0.00 | -2.46 -0.04 0.00 | 18.90 0.09 0.00 | 19.20 -0.03 0.00 | 18.53 -0.05 0.00 | 17.27 -0.09 0.00 | 16.71 -0.16 0.00 | 12.39 -0.13 -0.12 | 15.68 -0.15 -0.02 | 17.36 -0.12 0.00 | 19.71 0.01 0.00 | 21.09 0.20 0.00 | 23.45 0.43 0.00 | 21.13 0.48 0.00 | 20.94 0.44 0.00 | 18.03 0.38 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 18.79 0.00 0.00 | 17.95 0.00 0.00 | 14.60 0.00 0.00 | 7.55 0.00 0.00 | 16.12 0.00 0.00 | 15.66 0.00 0.00 | 19.27 0.00 0.00 | 17.74 0.00 0.00 | 11.39 0.00 0.00 | -2.42 0.00 0.00 | 18.81 0.00 0.00 | 19.23 0.00 0.00 | 18.58 0.00 0.00 | 17.37 0.00 0.00 | 16.88 0.00 0.00 | 12.40 0.00 0.00 | 15.82 0.00 0.00 | 17.48 0.00 0.00 | 19.70 0.00 0.00 | 20.88 0.00 0.00 | 23.02 0.00 0.00 | 20.65 0.00 0.00 | 20.50 0.00 0.00 | 17.65 0.00 0.00 |
| NYPA_BRENTWD__GT 24164 | 20.30 1.51 0.00 | 19.39 1.44 0.00 | 18.34 1.24 -2.50 | 17.27 0.64 -9.07 | 18.32 1.35 -0.85 | 18.71 1.26 -1.79 | 20.74 1.47 0.00 | 19.13 1.39 0.00 | 30.20 0.97 -17.84 | 44.80 0.03 -47.19 | 20.29 1.48 0.00 | 20.72 1.49 0.00 | 20.02 1.44 0.00 | 18.53 1.47 0.31 | 18.18 1.43 0.12 | 37.97 1.10 -24.47 | 17.69 1.39 -0.49 | 18.71 1.23 0.00 | 20.97 1.27 0.00 | 22.26 1.38 0.00 | 24.66 1.65 0.00 | 22.07 1.41 0.00 | 22.16 1.67 0.00 | 19.18 1.53 0.00 |
| NYPA_GOWANUS__GT5 24156 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NYPA_GOWANUS__GT6 24157 | 19.84 1.05 0.00 | 18.96 1.01 0.00 | 17.94 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.00 1.51 0.00 | 18.94 1.29 0.00 |
| NYPA_HARLEM_RVR_GT1 24160 | 19.81 1.02 0.00 | 18.96 1.01 0.00 | 17.95 0.85 -2.50 | 17.05 0.43 -9.07 | 17.09 0.91 -0.07 | 16.51 0.86 0.00 | 20.39 1.12 0.00 | 18.86 1.12 0.00 | 30.18 0.79 -18.00 | 45.19 -0.01 -47.61 | 20.19 1.37 -0.01 | 20.65 1.41 -0.01 | 20.04 1.45 -0.01 | 18.76 1.39 0.00 | 18.26 1.38 0.00 | 16.13 1.02 -2.71 | 17.59 1.29 -0.48 | 18.81 1.33 0.00 | 21.12 1.41 0.00 | 22.30 1.43 0.02 | 24.57 1.57 0.02 | 22.01 1.36 0.00 | 21.89 1.39 0.00 | 18.84 1.19 0.00 |
| NYPA_HARLEM_RVR_GT2 24161 | 19.81 1.02 0.00 | 18.96 1.01 0.00 | 17.95 0.85 -2.50 | 17.05 0.43 -9.07 | 17.09 0.91 -0.07 | 16.51 0.86 0.00 | 20.39 1.12 0.00 | 18.86 1.12 0.00 | 30.18 0.79 -18.00 | 45.19 -0.01 -47.61 | 20.19 1.37 -0.01 | 20.65 1.41 -0.01 | 20.04 1.45 -0.01 | 18.76 1.39 0.00 | 18.26 1.38 0.00 | 16.13 1.02 -2.71 | 17.59 1.29 -0.48 | 18.81 1.33 0.00 | 21.12 1.41 0.00 | 22.30 1.43 0.02 | 24.57 1.57 0.02 | 22.01 1.36 0.00 | 21.89 1.39 0.00 | 18.84 1.19 0.00 |
| NYPA_KENT__GT 24152 | 19.84 1.05 0.00 | 18.97 1.02 0.00 | 17.94 0.84 -2.50 | 17.06 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.88 0.00 | 20.41 1.14 0.00 | 18.89 1.15 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.28 1.46 -0.01 | 20.75 1.50 -0.01 | 20.12 1.53 -0.01 | 182.40 1.46 -163.57 | 27.44 1.44 -9.12 | 24.63 1.07 -11.16 | 19.17 1.36 -2.00 | 18.93 1.44 -0.01 | 21.27 1.57 0.00 | 22.46 1.58 0.00 | 24.74 1.73 0.00 | 22.15 1.50 0.00 | 22.00 1.50 0.00 | 18.93 1.28 0.00 |
| NYPA_POUCH1__GT 24155 | 19.74 0.95 0.00 | 18.88 0.93 0.00 | 17.88 0.77 -2.50 | 17.02 0.40 -9.07 | 17.03 0.84 -0.07 | 16.47 0.81 0.00 | 20.31 1.05 0.00 | 18.76 1.02 0.00 | 30.11 0.72 -17.99 | 45.19 -0.01 -47.61 | 20.20 1.38 -0.01 | 20.64 1.39 -0.01 | 19.97 1.39 -0.01 | 18.66 1.29 -0.01 | 18.18 1.29 -0.01 | 16.08 0.96 -2.72 | 17.52 1.21 -0.50 | 18.79 1.29 -0.01 | 21.15 1.44 0.00 | 22.36 1.48 0.00 | 24.63 1.62 0.00 | 22.05 1.40 0.00 | 21.92 1.43 0.00 | 18.89 1.24 0.00 |
| NYPA_VERNON__GT2 24162 | 19.85 1.06 0.00 | 18.98 1.03 0.00 | 17.95 0.85 -2.50 | 17.06 0.43 -9.07 | 17.11 0.92 -0.07 | 16.55 0.89 0.00 | 20.42 1.15 0.00 | 18.90 1.16 0.00 | 30.21 0.82 -18.00 | 45.16 -0.03 -47.61 | 20.28 1.46 -0.01 | 20.76 1.51 -0.01 | 20.13 1.54 -0.01 | 197.02 1.46 -178.19 | 28.26 1.45 -9.93 | 25.39 1.08 -11.92 | 19.31 1.36 -2.14 | 18.93 1.44 -0.01 | 21.27 1.57 0.00 | 22.46 1.58 0.00 | 24.73 1.71 0.00 | 22.14 1.48 0.00 | 21.98 1.49 0.00 | 18.92 1.27 0.00 |

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|--------------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|-------------------------|------------------------|---------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NYPA_VERNON____GT3 24163 | 19.85 1.06 0.00 | 18.98 1.03 0.00 | 17.95 0.85 -2.50 | 17.06 0.43 -9.07 | 17.11 0.92 -0.07 | 16.55 0.89 0.00 | 20.42 1.15 0.00 | 18.90 1.16 0.00 | 30.21 0.82 -18.00 | 45.16 -0.03 -47.61 | 20.28 1.46 -0.01 | 20.76 1.51 -0.01 | 20.13 1.54 -0.01 | 197.02 1.46 -178.19 | 28.26 1.45 -9.93 | 25.39 1.08 -11.92 | 19.31 1.36 -2.14 | 18.93 1.44 -0.01 | 21.27 1.57 0.00 | 22.46 1.58 0.00 | 24.73 1.71 0.00 | 22.14 1.48 0.00 | 21.98 1.49 0.00 | 18.92 1.27 0.00 |
| NYPA__ASTORIA_CC1 323568 | 19.84 1.05 0.00 | 18.97 1.02 0.00 | 17.94 0.84 -2.50 | 17.05 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.88 0.00 | 20.41 1.14 0.00 | 18.89 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.26 1.44 -0.01 | 20.73 1.48 -0.01 | 20.11 1.52 -0.01 | 167.71 1.44 -148.90 | 26.62 1.44 -8.30 | 23.87 1.07 -10.41 | 19.03 1.35 -1.87 | 18.91 1.42 -0.01 | 21.26 1.55 0.00 | 22.44 1.56 0.00 | 24.72 1.70 0.00 | 22.12 1.47 0.00 | 21.97 1.47 0.00 | 18.90 1.25 0.00 |
| NYPA__ASTORIA_CC2 323569 | 19.84 1.05 0.00 | 18.97 1.02 0.00 | 17.94 0.84 -2.50 | 17.05 0.43 -9.07 | 17.10 0.91 -0.07 | 16.53 0.88 0.00 | 20.41 1.14 0.00 | 18.89 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.03 -47.61 | 20.26 1.44 -0.01 | 20.73 1.48 -0.01 | 20.11 1.52 -0.01 | 167.71 1.44 -148.90 | 26.62 1.44 -8.30 | 23.87 1.07 -10.41 | 19.03 1.35 -1.87 | 18.91 1.42 -0.01 | 21.26 1.55 0.00 | 22.44 1.56 0.00 | 24.72 1.70 0.00 | 22.12 1.47 0.00 | 21.97 1.47 0.00 | 18.90 1.25 0.00 |
| NYPA__HOLTSVILL 23794 | 20.21 1.42 0.00 | 19.32 1.37 0.00 | 18.30 1.20 -2.50 | 17.25 0.62 -9.07 | 18.27 1.30 -0.85 | 18.66 1.21 -1.79 | 20.62 1.35 0.00 | 19.00 1.25 0.00 | 30.12 0.88 -17.84 | 44.82 0.05 -47.19 | 20.03 1.22 0.00 | 20.44 1.20 0.00 | 19.77 1.20 0.01 | 17.12 1.19 1.45 | 17.46 1.15 0.57 | 37.79 0.92 -24.47 | 17.48 1.17 -0.49 | 18.57 1.09 0.00 | 20.86 1.16 0.00 | 22.18 1.30 0.00 | 24.58 1.56 0.00 | 21.96 1.31 0.00 | 21.96 1.46 0.00 | 19.04 1.39 0.00 |
| NYPA_____HELLGATE_GT1 24158 | 19.81 1.02 0.00 | 18.96 1.01 0.00 | 17.95 0.85 -2.50 | 17.05 0.43 -9.07 | 17.09 0.91 -0.07 | 16.51 0.86 0.00 | 20.39 1.12 0.00 | 18.86 1.12 0.00 | 30.18 0.79 -18.00 | 45.19 -0.01 -47.61 | 20.19 1.37 -0.01 | 20.65 1.41 -0.01 | 20.04 1.45 -0.01 | 18.76 1.39 0.00 | 18.26 1.38 0.00 | 16.13 1.02 -2.71 | 17.59 1.29 -0.48 | 18.82 1.34 0.00 | 21.14 1.43 0.00 | 22.33 1.45 0.00 | 24.61 1.59 0.00 | 22.01 1.36 0.00 | 21.89 1.39 0.00 | 18.84 1.19 0.00 |
| NYPA_____HELLGATE_GT2 24159 | 19.81 1.02 0.00 | 18.96 1.01 0.00 | 17.95 0.85 -2.50 | 17.05 0.43 -9.07 | 17.09 0.91 -0.07 | 16.51 0.86 0.00 | 20.39 1.12 0.00 | 18.86 1.12 0.00 | 30.18 0.79 -18.00 | 45.19 -0.01 -47.61 | 20.19 1.37 -0.01 | 20.65 1.41 -0.01 | 20.04 1.45 -0.01 | 18.76 1.39 0.00 | 18.26 1.38 0.00 | 16.13 1.02 -2.71 | 17.59 1.29 -0.48 | 18.82 1.34 0.00 | 21.14 1.43 0.00 | 22.33 1.45 0.00 | 24.61 1.59 0.00 | 22.01 1.36 0.00 | 21.89 1.39 0.00 | 18.84 1.19 0.00 |
| NYS_BARGE____HYD 23848 | 17.96 -0.83 0.00 | 17.09 -0.86 0.00 | 14.21 -0.81 -0.43 | 8.67 -0.44 -1.55 | 15.20 -0.93 -0.01 | 14.80 -0.86 0.00 | 18.32 -0.95 0.00 | 16.34 -1.12 0.29 | 10.64 -0.75 0.00 | -2.54 -0.12 0.00 | 17.39 -1.42 0.00 | 17.67 -1.55 0.01 | 17.12 -1.46 0.00 | 15.97 -1.39 0.00 | 15.38 -1.50 0.00 | 11.67 -1.18 -0.45 | 14.29 -1.60 -0.08 | 15.99 -1.50 0.00 | 18.17 -1.53 0.00 | 19.36 -1.53 0.00 | 21.32 -1.69 0.00 | 19.39 -1.26 0.00 | 19.22 -1.27 0.00 | 16.66 -0.99 0.00 |
| OAK ORCHARD____HYD 24046 | 18.37 -0.43 0.00 | 17.48 -0.47 0.00 | 14.50 -0.46 -0.35 | 8.60 -0.24 -1.28 | 15.61 -0.52 -0.01 | 15.23 -0.42 0.00 | 18.85 -0.42 0.00 | 16.80 -0.53 0.42 | 11.02 -0.38 0.00 | -2.50 -0.08 0.00 | 18.07 -0.75 0.00 | 18.42 -0.79 0.02 | 17.82 -0.75 0.00 | 16.65 -0.71 0.00 | 16.09 -0.79 0.00 | 12.13 -0.64 -0.37 | 15.02 -0.87 -0.07 | 16.73 -0.75 0.00 | 18.99 -0.71 0.00 | 20.19 -0.69 0.00 | 22.27 -0.75 0.00 | 20.09 -0.55 0.00 | 19.87 -0.62 0.00 | 17.12 -0.53 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 18.97 0.18 0.00 | 18.14 0.19 0.00 | 15.54 0.11 -0.83 | 10.62 0.06 -3.01 | 16.29 0.14 -0.02 | 15.82 0.16 0.00 | 19.58 0.31 0.00 | 18.13 0.23 -0.15 | 11.52 0.13 0.00 | -2.54 -0.12 0.00 | 19.02 0.21 0.00 | 19.45 0.19 -0.02 | 18.77 0.19 0.00 | 17.57 0.20 0.00 | 17.03 0.15 0.00 | 13.38 0.07 -0.91 | 16.05 0.07 -0.16 | 17.63 0.15 0.00 | 19.88 0.18 0.00 | 21.06 0.17 0.00 | 23.23 0.22 0.00 | 20.88 0.23 0.00 | 20.67 0.18 0.00 | 17.82 0.17 0.00 |
| OCC_CHEM____DRP 24175 | 17.73 -1.07 0.00 | 16.85 -1.10 0.00 | 14.03 -1.01 -0.44 | 8.58 -0.55 -1.58 | 14.98 -1.15 -0.01 | 14.57 -1.09 0.00 | 18.02 -1.25 0.00 | 16.06 -1.42 0.26 | 10.47 -0.93 0.00 | -2.47 -0.05 0.00 | 17.10 -1.71 0.00 | 17.33 -1.84 0.06 | 16.86 -1.72 0.00 | 15.71 -1.65 0.00 | 15.15 -1.73 0.00 | 11.50 -1.36 -0.46 | 14.07 -1.83 -0.08 | 15.76 -1.72 0.00 | 17.89 -1.82 0.00 | 19.04 -1.84 0.00 | 20.97 -2.05 0.00 | 19.06 -1.59 0.00 | 18.91 -1.59 0.00 | 16.40 -1.25 0.00 |
| OH_GEN_PROXY 24063 | 17.91 -0.88 0.00 | 17.04 -0.90 0.00 | 14.19 -0.84 -0.43 | 8.66 -0.45 -1.56 | 15.16 -0.96 -0.01 | 14.75 -0.91 0.00 | 18.24 -1.03 0.00 | 16.30 -1.19 0.26 | 10.61 -0.79 0.00 | -2.53 -0.10 0.00 | 17.37 -1.44 0.00 | 17.64 -1.53 0.06 | 17.12 -1.46 0.00 | 15.96 -1.40 0.01 | 15.39 -1.49 0.00 | 11.67 -1.18 -0.45 | 14.30 -1.60 -0.08 | 15.98 -1.51 0.00 | 18.14 -1.56 0.00 | 19.29 -1.59 0.00 | 21.26 -1.76 0.00 | 19.29 -1.35 0.00 | 19.14 -1.36 0.00 | 16.58 -1.07 0.00 |
| OLIN_CORP_DRP 24177 | 17.70 -1.09 0.00 | 16.82 -1.13 0.00 | 14.01 -1.03 -0.44 | 8.60 -0.54 -1.59 | 14.96 -1.17 -0.01 | 14.56 -1.10 0.00 | 18.01 -1.26 0.00 | 16.06 -1.42 0.27 | 10.46 -0.94 0.00 | -2.47 -0.05 0.00 | 17.06 -1.75 0.00 | 17.36 -1.88 -0.01 | 16.81 -1.77 0.00 | 15.67 -1.69 0.00 | 15.12 -1.76 0.00 | 11.48 -1.37 -0.46 | 14.04 -1.86 -0.08 | 15.73 -1.76 0.00 | 17.84 -1.86 0.00 | 19.00 -1.88 0.00 | 20.92 -2.10 0.00 | 19.04 -1.61 0.00 | 18.88 -1.62 0.00 | 16.39 -1.26 0.00 |
| OLIN_CORP_DSASP 323712 | 17.72 -1.07 0.00 | 16.86 -1.09 0.00 | 14.04 -1.00 -0.44 | 8.58 -0.55 -1.58 | 14.98 -1.15 -0.01 | 14.58 -1.08 0.00 | 18.02 -1.25 0.00 | 16.06 -1.42 0.26 | 10.47 -0.93 0.00 | -2.51 -0.08 0.00 | 17.10 -1.71 0.00 | 17.34 -1.83 0.06 | 16.85 -1.73 0.00 | 15.73 -1.64 0.00 | 15.14 -1.74 0.00 | 11.50 -1.36 -0.46 | 14.07 -1.83 -0.08 | 15.74 -1.75 0.00 | 17.88 -1.82 0.00 | 19.04 -1.85 0.00 | 20.96 -2.06 0.00 | 19.06 -1.59 0.00 | 18.91 -1.58 0.00 | 16.39 -1.26 0.00 |
| ONEIDA_HERK_LFGE 323681 | 19.07 0.28 0.00 | 18.16 0.21 0.00 | 14.86 0.16 -0.10 | 8.01 0.09 -0.37 | 16.37 0.25 0.00 | 15.93 0.27 0.00 | 19.69 0.42 0.00 | 18.62 0.34 -0.54 | 11.57 0.17 0.00 | -2.47 -0.05 0.00 | 19.02 0.21 0.00 | 19.38 0.14 0.00 | 18.71 0.13 0.00 | 17.48 0.11 0.00 | 16.96 0.09 0.00 | 12.56 0.05 -0.11 | 15.91 0.07 -0.02 | 17.62 0.13 0.00 | 19.94 0.23 0.00 | 21.25 0.37 0.00 | 23.52 0.50 0.00 | 21.13 0.48 0.00 | 20.92 0.43 0.00 | 18.02 0.37 0.00 |
| ONEIDA__115KV_TB4 55905 | 19.13 0.34 0.00 | 18.24 0.29 0.00 | 14.99 0.22 -0.18 | 8.31 0.12 -0.64 | 16.42 0.29 0.00 | 15.95 0.29 0.00 | 19.73 0.46 0.00 | 18.34 0.36 -0.23 | 11.58 0.18 0.00 | -2.49 -0.07 0.00 | 19.07 0.26 0.00 | 19.47 0.23 0.00 | 18.80 0.22 0.00 | 17.60 0.24 0.00 | 17.09 0.21 0.00 | 12.73 0.14 -0.19 | 16.03 0.18 -0.03 | 17.76 0.27 0.00 | 20.08 0.37 0.00 | 21.38 0.50 0.00 | 23.61 0.59 0.00 | 21.20 0.55 0.00 | 20.96 0.46 0.00 | 18.07 0.42 0.00 |

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| ONONDAGA_REF_OCCRA 23987 | 18.64 -0.15 0.00 | 17.78 -0.16 0.00 | 14.76 -0.17 -0.32 | 8.64 -0.08 -1.17 | 15.97 -0.16 -0.01 | 15.53 -0.13 0.00 | 19.20 -0.07 0.00 | 17.85 -0.11 -0.22 | 11.31 -0.09 0.00 | -2.45 -0.04 0.00 | 18.61 -0.20 0.00 | 19.01 -0.22 0.00 | 18.37 -0.20 0.00 | 17.19 -0.18 0.00 | 16.68 -0.20 0.00 | 12.57 -0.17 -0.35 | 15.65 -0.23 -0.06 | 17.32 -0.16 0.00 | 19.57 -0.13 0.00 | 20.76 -0.12 0.00 | 22.90 -0.12 0.00 | 20.56 -0.09 0.00 | 20.33 -0.16 0.00 | 17.51 -0.14 0.00 |
| ONONDAGA___COGEN 23986 | 18.63 -0.16 0.00 | 17.76 -0.19 0.00 | 14.72 -0.18 -0.31 | 8.57 -0.09 -1.11 | 15.96 -0.17 -0.01 | 15.52 -0.14 0.00 | 19.19 -0.08 0.00 | 17.92 -0.13 -0.30 | 11.29 -0.11 0.00 | -2.45 -0.03 0.00 | 18.59 -0.22 0.00 | 18.99 -0.25 0.00 | 18.35 -0.23 0.00 | 17.16 -0.21 0.00 | 16.65 -0.23 0.00 | 12.53 -0.19 -0.33 | 15.61 -0.26 -0.06 | 17.30 -0.19 0.00 | 19.54 -0.16 0.00 | 20.73 -0.16 0.00 | 22.85 -0.16 0.00 | 20.52 -0.13 0.00 | 20.28 -0.22 0.00 | 17.48 -0.17 0.00 |
| ONTARIO___LFGE 23819 | 18.83 0.03 0.00 | 17.99 0.04 0.00 | 14.99 -0.02 -0.40 | 9.01 0.00 -1.47 | 16.20 0.07 -0.01 | 15.76 0.10 0.00 | 19.56 0.29 0.00 | 21.26 0.15 -3.36 | 11.17 -0.22 0.00 | -2.48 -0.07 0.00 | 18.38 -0.43 0.00 | 18.74 -0.48 0.01 | 18.12 -0.46 0.00 | 16.93 -0.43 0.00 | 16.39 -0.49 0.00 | 12.34 -0.41 -0.35 | 15.32 -0.56 -0.06 | 17.05 -0.44 0.00 | 19.33 -0.37 0.00 | 20.52 -0.36 0.00 | 22.63 -0.38 0.00 | 20.37 -0.28 0.00 | 20.11 -0.39 0.00 | 17.34 -0.31 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 18.36 -0.44 0.00 | 17.55 -0.40 0.00 | 14.71 -0.41 -0.52 | 9.23 -0.22 -1.90 | 15.70 -0.44 -0.01 | 15.27 -0.39 0.00 | 18.93 -0.34 0.00 | 17.53 -0.49 -0.27 | 11.05 -0.35 0.00 | -2.61 -0.19 0.00 | 18.18 -0.64 0.00 | 18.69 -0.69 -0.15 | 17.93 -0.65 0.00 | 16.75 -0.63 -0.02 | 16.13 -0.76 0.00 | 12.29 -0.67 -0.56 | 14.97 -0.95 -0.10 | 16.66 -0.83 0.00 | 18.85 -0.85 0.00 | 20.03 -0.85 0.00 | 22.09 -0.93 0.00 | 19.99 -0.66 0.00 | 19.79 -0.71 0.00 | 17.13 -0.52 0.00 |
| ORANGEVILLE___ESR 323794 | 18.36 -0.44 0.00 | 17.55 -0.40 0.00 | 14.71 -0.41 -0.52 | 9.23 -0.22 -1.90 | 15.70 -0.44 -0.01 | 15.27 -0.39 0.00 | 18.93 -0.34 0.00 | 17.53 -0.49 -0.27 | 11.05 -0.35 0.00 | -2.61 -0.19 0.00 | 18.18 -0.64 0.00 | 18.69 -0.69 -0.15 | 17.93 -0.65 0.00 | 16.75 -0.63 -0.02 | 16.13 -0.76 0.00 | 12.29 -0.67 -0.56 | 14.97 -0.95 -0.10 | 16.66 -0.83 0.00 | 18.85 -0.85 0.00 | 20.03 -0.85 0.00 | 22.09 -0.93 0.00 | 19.99 -0.66 0.00 | 19.79 -0.71 0.00 | 17.13 -0.52 0.00 |
| OSWEGATCHIE___HYD 24044 | 18.81 0.02 0.00 | 17.85 -0.09 0.00 | 14.61 -0.07 -0.08 | 7.84 -0.02 -0.31 | 16.13 0.00 0.00 | 15.73 0.08 0.00 | 19.43 0.16 0.00 | 20.52 0.13 -2.65 | 11.45 0.05 0.00 | -2.44 -0.02 0.00 | 18.78 -0.03 0.00 | 19.08 -0.16 0.00 | 18.40 -0.18 0.00 | 17.08 -0.29 0.00 | 16.47 -0.41 0.00 | 12.19 -0.30 -0.09 | 15.46 -0.37 -0.02 | 17.07 -0.42 0.00 | 19.31 -0.39 0.00 | 20.62 -0.27 0.00 | 22.94 -0.08 0.00 | 20.75 0.10 0.00 | 20.62 0.12 0.00 | 17.73 0.08 0.00 |
| OSWEGO___5 23606 | 18.26 -0.53 0.00 | 17.42 -0.53 0.00 | 14.39 -0.46 -0.25 | 8.21 -0.24 -0.90 | 15.64 -0.49 -0.01 | 15.20 -0.45 0.00 | 18.78 -0.49 0.00 | 17.24 -0.50 0.00 | 11.05 -0.34 0.00 | -2.40 0.02 0.00 | 18.21 -0.61 0.00 | 18.60 -0.63 0.00 | 17.97 -0.61 0.00 | 16.81 -0.56 0.00 | 16.31 -0.57 0.00 | 12.23 -0.43 -0.26 | 15.29 -0.57 -0.05 | 16.92 -0.56 0.00 | 19.12 -0.58 0.00 | 20.28 -0.60 0.00 | 22.36 -0.65 0.00 | 20.09 -0.56 0.00 | 19.89 -0.61 0.00 | 17.13 -0.52 0.00 |
| OSWEGO___6 23613 | 18.26 -0.53 0.00 | 17.42 -0.53 0.00 | 14.39 -0.46 -0.25 | 8.21 -0.24 -0.90 | 15.64 -0.49 -0.01 | 15.20 -0.45 0.00 | 18.78 -0.49 0.00 | 17.24 -0.50 0.00 | 11.05 -0.34 0.00 | -2.40 0.02 0.00 | 18.21 -0.61 0.00 | 18.60 -0.63 0.00 | 17.97 -0.61 0.00 | 16.81 -0.56 0.00 | 16.31 -0.57 0.00 | 12.23 -0.43 -0.26 | 15.29 -0.57 -0.05 | 16.92 -0.56 0.00 | 19.12 -0.58 0.00 | 20.28 -0.60 0.00 | 22.36 -0.65 0.00 | 20.09 -0.56 0.00 | 19.89 -0.61 0.00 | 17.13 -0.52 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 18.18 -0.61 0.00 | 17.29 -0.66 0.00 | 14.39 -0.66 -0.44 | 8.81 -0.36 -1.62 | 15.40 -0.74 -0.01 | 14.97 -0.69 0.00 | 18.54 -0.73 0.00 | 16.57 -0.91 0.26 | 10.79 -0.61 0.00 | -2.55 -0.13 0.00 | 17.68 -1.14 0.00 | 17.94 -1.25 0.05 | 17.42 -1.17 0.00 | 16.24 -1.13 -0.01 | 15.63 -1.26 0.00 | 11.85 -1.02 -0.47 | 14.52 -1.39 -0.08 | 16.26 -1.23 0.00 | 18.43 -1.27 0.00 | 19.62 -1.26 0.00 | 21.60 -1.41 0.00 | 19.63 -1.02 0.00 | 19.45 -1.05 0.00 | 16.87 -0.78 0.00 |
| OXBOW___ 24026 | 17.99 -0.81 0.00 | 17.12 -0.83 0.00 | 14.25 -0.79 -0.44 | 8.71 -0.44 -1.60 | 15.23 -0.90 -0.01 | 14.82 -0.84 0.00 | 18.33 -0.94 0.00 | 16.36 -1.12 0.26 | 10.66 -0.73 0.00 | -2.54 -0.12 0.00 | 17.43 -1.38 0.00 | 17.70 -1.48 0.05 | 17.18 -1.40 0.00 | 16.04 -1.33 0.00 | 15.43 -1.46 0.00 | 11.71 -1.15 -0.46 | 14.33 -1.57 -0.08 | 16.03 -1.45 0.00 | 18.21 -1.50 0.00 | 19.38 -1.51 0.00 | 21.34 -1.68 0.00 | 19.40 -1.26 0.00 | 19.24 -1.26 0.00 | 16.67 -0.98 0.00 |
| OXY_CHEM_DSASP 323612 | 17.73 -1.07 0.00 | 16.85 -1.10 0.00 | 14.03 -1.01 -0.44 | 8.58 -0.55 -1.58 | 14.98 -1.15 -0.01 | 14.57 -1.09 0.00 | 18.02 -1.25 0.00 | 16.06 -1.42 0.26 | 10.47 -0.93 0.00 | -2.47 -0.05 0.00 | 17.10 -1.71 0.00 | 17.33 -1.84 0.06 | 16.86 -1.72 0.00 | 15.71 -1.65 0.00 | 15.15 -1.73 0.00 | 11.50 -1.36 -0.46 | 14.07 -1.83 -0.08 | 15.76 -1.72 0.00 | 17.89 -1.82 0.00 | 19.04 -1.84 0.00 | 20.97 -2.05 0.00 | 19.06 -1.59 0.00 | 18.91 -1.59 0.00 | 16.40 -1.25 0.00 |
| OZONE_PARK_ESR 323760 | 19.96 1.17 0.00 | 19.06 1.11 0.00 | 18.01 0.91 -2.50 | 17.09 0.47 -9.07 | 17.18 0.99 -0.07 | 16.62 0.96 0.00 | 20.51 1.24 0.00 | 19.00 1.26 0.00 | 30.28 0.88 -18.00 | 45.15 -0.05 -47.62 | 20.37 1.56 0.00 | 20.84 1.60 0.00 | 20.23 1.64 0.00 | 18.93 1.57 0.00 | 18.43 1.55 0.00 | 16.26 1.14 -2.71 | 17.75 1.45 -0.49 | 19.01 1.53 0.00 | 21.37 1.67 0.00 | 22.57 1.69 0.00 | 24.85 1.83 0.00 | 22.24 1.59 0.00 | 22.09 1.60 0.00 | 19.00 1.35 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 17.73 -1.07 0.00 | 16.85 -1.10 0.00 | 14.03 -1.01 -0.44 | 8.58 -0.55 -1.58 | 14.98 -1.15 -0.01 | 14.57 -1.09 0.00 | 18.02 -1.25 0.00 | 16.06 -1.42 0.26 | 10.47 -0.93 0.00 | -2.47 -0.05 0.00 | 17.10 -1.71 0.00 | 17.33 -1.84 0.06 | 16.86 -1.72 0.00 | 15.71 -1.65 0.00 | 15.15 -1.73 0.00 | 11.50 -1.36 -0.46 | 14.07 -1.83 -0.08 | 15.76 -1.72 0.00 | 17.89 -1.82 0.00 | 19.04 -1.84 0.00 | 20.97 -2.05 0.00 | 19.06 -1.59 0.00 | 18.91 -1.59 0.00 | 16.40 -1.25 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 17.73 -1.07 0.00 | 16.85 -1.10 0.00 | 14.03 -1.01 -0.44 | 8.58 -0.55 -1.58 | 14.98 -1.15 -0.01 | 14.57 -1.09 0.00 | 18.02 -1.25 0.00 | 16.06 -1.42 0.26 | 10.47 -0.93 0.00 | -2.47 -0.05 0.00 | 17.10 -1.71 0.00 | 17.33 -1.84 0.06 | 16.86 -1.72 0.00 | 15.71 -1.65 0.00 | 15.15 -1.73 0.00 | 11.50 -1.36 -0.46 | 14.07 -1.83 -0.08 | 15.76 -1.72 0.00 | 17.89 -1.82 0.00 | 19.04 -1.84 0.00 | 20.97 -2.05 0.00 | 19.06 -1.59 0.00 | 18.91 -1.59 0.00 | 16.40 -1.25 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 19.80 1.01 0.00 | 18.95 1.01 0.00 | 17.93 0.83 -2.50 | 17.04 0.42 -9.07 | 17.08 0.89 -0.07 | 16.50 0.84 0.00 | 20.37 1.10 0.00 | 18.84 1.09 0.00 | 30.17 0.78 -18.00 | 45.18 -0.01 -47.61 | 20.17 1.35 -0.01 | 20.63 1.38 -0.01 | 20.01 1.42 -0.01 | 18.72 1.36 0.00 | 18.23 1.36 0.00 | 16.11 1.01 -2.71 | 17.57 1.27 -0.48 | 18.81 1.33 0.00 | 21.18 1.47 0.00 | 22.38 1.50 0.00 | 24.66 1.64 0.00 | 22.06 1.41 0.00 | 21.92 1.42 0.00 | 18.86 1.21 0.00 |

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| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 19.78 0.98 0.00 | 18.94 0.99 0.00 | 17.92 0.82 -2.50 | 17.05 0.42 -9.07 | 17.10 0.91 -0.07 | 16.48 0.82 0.00 | 20.36 1.09 0.00 | 18.84 1.10 0.00 | 30.16 0.77 -18.00 | 45.20 0.00 -47.61 | 20.13 1.31 -0.01 | 20.59 1.35 -0.01 | 19.97 1.38 -0.01 | 18.69 1.32 0.00 | 18.20 1.33 0.00 | 16.09 0.99 -2.71 | 17.54 1.25 -0.48 | 18.78 1.30 0.00 | 21.14 1.43 0.00 | 22.34 1.45 0.00 | 24.61 1.59 0.00 | 22.02 1.37 0.00 | 21.88 1.38 0.00 | 18.86 1.21 0.00 |
| PATROON__115KV_TB1 80586 | 19.61 0.82 0.00 | 18.76 0.81 0.00 | 18.42 0.67 -3.16 | 19.34 0.34 -11.45 | 16.92 0.71 -0.09 | 16.30 0.65 0.00 | 20.02 0.75 0.00 | 18.45 0.71 0.00 | 15.61 0.37 -3.85 | 7.74 -0.03 -10.19 | 19.25 0.44 0.00 | 19.70 0.47 0.00 | 19.02 0.45 0.00 | 17.86 0.49 0.00 | 17.41 0.53 0.00 | 16.26 0.44 -3.42 | 16.98 0.55 -0.62 | 18.14 0.65 0.00 | 20.41 0.71 0.00 | 21.59 0.71 0.00 | 23.76 0.74 0.00 | 21.27 0.62 0.00 | 21.11 0.61 0.00 | 18.21 0.56 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 18.55 -0.25 0.00 | 17.66 -0.29 0.00 | 14.71 -0.37 -0.48 | 9.10 -0.20 -1.74 | 15.75 -0.38 -0.01 | 15.32 -0.33 0.00 | 19.01 -0.26 0.00 | 17.06 -0.45 0.24 | 11.09 -0.31 0.00 | -2.62 -0.21 0.00 | 18.20 -0.61 0.00 | 18.71 -0.70 -0.17 | 17.94 -0.64 0.00 | 16.72 -0.66 -0.02 | 16.13 -0.76 0.00 | 12.24 -0.66 -0.50 | 15.00 -0.91 -0.09 | 16.75 -0.74 0.00 | 18.93 -0.77 0.00 | 20.11 -0.77 0.00 | 22.19 -0.83 0.00 | 20.11 -0.54 0.00 | 19.90 -0.60 0.00 | 17.25 -0.40 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 19.82 1.02 0.00 | 18.93 0.98 0.00 | 17.93 0.81 -2.52 | 17.12 0.41 -9.15 | 17.07 0.88 -0.07 | 16.52 0.87 0.00 | 20.38 1.11 0.00 | 18.84 1.10 0.00 | 17.96 0.75 -5.81 | 12.90 -0.06 -15.38 | 20.08 1.27 0.00 | 20.55 1.32 0.00 | 19.93 1.35 0.00 | 18.67 1.31 0.00 | 18.18 1.30 0.00 | 16.12 0.99 -2.74 | 17.56 1.25 -0.49 | 18.83 1.35 0.00 | 21.18 1.47 0.00 | 22.37 1.49 0.00 | 24.66 1.64 0.00 | 22.05 1.41 0.00 | 21.86 1.37 0.00 | 18.81 1.16 0.00 |
| PEEKSKILL____ 23653 | 19.69 0.90 0.00 | 18.82 0.87 0.00 | 17.83 0.73 -2.50 | 17.00 0.37 -9.08 | 16.97 0.78 -0.07 | 16.41 0.75 0.00 | 20.22 0.96 0.00 | 18.70 0.96 0.00 | 30.71 0.67 -18.65 | 46.88 -0.03 -49.33 | 19.97 1.16 0.00 | 20.43 1.20 0.00 | 19.80 1.22 0.00 | 18.54 1.18 0.00 | 18.06 1.18 0.00 | 15.97 0.88 -2.68 | 17.44 1.14 -0.49 | 18.69 1.20 0.00 | 21.00 1.30 0.00 | 22.19 1.31 0.00 | 24.45 1.43 0.00 | 21.87 1.22 0.00 | 21.71 1.21 0.00 | 18.70 1.04 0.00 |
| PGE MADISON__WINDPWR 24146 | 19.92 1.13 0.00 | 19.05 1.10 0.00 | 16.26 0.87 -0.79 | 10.87 0.46 -2.86 | 17.20 1.06 -0.02 | 16.73 1.08 0.00 | 20.85 1.58 0.00 | 19.28 1.34 -0.20 | 12.12 0.72 0.00 | -2.71 -0.29 0.00 | 19.72 0.91 0.00 | 20.09 0.85 -0.01 | 19.37 0.79 0.00 | 18.18 0.81 0.00 | 17.59 0.71 0.00 | 13.76 0.49 -0.87 | 16.64 0.67 -0.16 | 18.43 0.95 0.00 | 20.99 1.29 0.00 | 22.40 1.51 0.00 | 24.74 1.72 0.00 | 22.21 1.56 0.00 | 21.90 1.40 0.00 | 18.86 1.21 0.00 |
| PIERCEFIELD__HYD 23852 | 18.65 -0.14 0.00 | 17.75 -0.20 0.00 | 14.46 -0.14 0.00 | 7.48 -0.07 0.00 | 16.00 -0.12 0.00 | 15.56 -0.09 0.00 | 19.14 -0.12 0.00 | 21.56 -0.08 -3.89 | 11.36 -0.03 0.00 | -2.44 -0.02 0.00 | 18.80 -0.01 0.00 | 19.09 -0.14 0.00 | 18.41 -0.17 0.00 | 17.03 -0.34 0.00 | 16.37 -0.52 0.00 | 12.02 -0.37 0.00 | 15.35 -0.46 0.00 | 16.90 -0.58 0.00 | 19.06 -0.64 0.00 | 20.28 -0.61 0.00 | 22.51 -0.50 0.00 | 20.42 -0.23 0.00 | 20.36 -0.14 0.00 | 17.50 -0.14 0.00 |
| PINELAWN_CC_1 323563 | 20.20 1.41 0.00 | 19.27 1.33 0.00 | 18.24 1.14 -2.50 | 17.21 0.59 -9.07 | 18.18 1.22 -0.83 | 18.63 1.18 -1.79 | 20.66 1.39 0.00 | 19.07 1.33 0.00 | 30.15 0.92 -17.84 | 44.82 0.05 -47.19 | 20.25 1.44 0.00 | 20.69 1.45 0.00 | 20.04 1.46 0.00 | 18.62 1.35 0.09 | 18.10 1.26 0.03 | 37.83 0.96 -24.47 | 17.47 1.16 -0.49 | 18.54 1.06 0.00 | 20.81 1.10 0.00 | 22.16 1.27 0.00 | 24.54 1.52 0.00 | 21.98 1.33 0.00 | 22.09 1.60 0.00 | 19.08 1.44 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.33 1.06 0.00 | 18.83 1.08 0.00 | 30.17 0.77 -18.01 | 45.07 -0.03 -47.52 | 26.86 1.36 -6.69 | 28.30 1.40 -7.67 | 20.02 1.44 0.00 | 18.74 1.37 0.00 | 18.25 1.37 0.00 | 16.13 1.02 -2.71 | 17.59 1.28 -0.49 | 18.83 1.35 0.00 | 21.17 1.46 0.00 | 22.34 1.46 0.00 | 24.60 1.59 0.00 | 22.00 1.35 0.00 | 21.88 1.38 0.00 | 18.83 1.18 0.00 |
| PJM_GEN_KEystone 24065 | 19.14 0.35 0.00 | 18.30 0.35 0.00 | 16.40 0.24 -1.56 | 13.33 0.12 -5.65 | 16.44 0.27 -0.04 | 15.93 0.28 0.00 | 19.70 0.43 0.00 | 18.10 0.36 0.00 | -26.74 0.25 38.38 | -80.64 -0.11 78.11 | 25.91 0.41 -6.69 | 30.51 0.41 -10.86 | 22.33 0.44 -3.30 | 17.81 0.44 0.00 | 17.27 0.38 0.00 | 14.31 0.24 -1.67 | 1000.03 0.26 -983.96 | 410.15 0.33 -392.34 | 66.52 0.35 -46.47 | 21.22 0.34 0.00 | 23.40 0.38 0.00 | 21.04 0.39 0.00 | 20.89 0.39 0.00 | 18.03 0.39 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 19.98 1.19 0.00 | 19.08 1.14 0.00 | 18.08 0.97 -2.50 | 17.13 0.50 -9.07 | 17.52 1.06 -0.35 | 17.42 0.99 -0.78 | 20.43 1.17 0.00 | 18.87 1.12 0.00 | 1.12 0.79 11.06 | 44.72 0.06 -47.07 | 26.81 1.31 -6.69 | 28.23 1.33 -7.67 | 19.94 1.35 0.00 | 18.69 1.33 0.00 | 18.16 1.28 0.00 | 25.56 0.99 -12.17 | 17.54 1.23 -0.49 | 18.64 1.16 0.00 | 20.89 1.19 0.00 | 22.16 1.28 0.00 | 24.51 1.50 0.00 | 21.92 1.27 0.00 | 21.87 1.37 0.00 | 18.91 1.26 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 19.72 0.93 0.00 | 18.85 0.90 0.00 | 17.85 0.75 -2.50 | 17.00 0.38 -9.07 | 16.99 0.81 -0.07 | 16.42 0.77 0.00 | 20.25 0.98 0.00 | 18.75 1.00 0.00 | 30.12 0.72 -18.00 | 45.07 -0.02 -47.50 | 26.81 1.31 -6.69 | 28.24 1.34 -7.67 | 19.97 1.39 0.00 | 18.71 1.34 0.00 | 18.21 1.33 0.00 | 16.08 0.97 -2.71 | 17.53 1.23 -0.49 | 18.76 1.28 0.00 | 21.09 1.39 0.00 | 22.27 1.39 0.00 | 24.53 1.51 0.00 | 21.95 1.30 0.00 | 21.85 1.35 0.00 | 18.82 1.17 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 18.99 0.19 0.00 | 17.93 -0.02 0.00 | 14.62 0.02 0.00 | 7.59 0.03 0.00 | 16.22 0.10 0.00 | 15.80 0.15 0.00 | 19.55 0.28 0.00 | 16.85 0.30 1.19 | 11.61 0.21 0.00 | -2.55 -0.14 0.00 | 19.43 0.62 0.00 | 19.83 0.59 0.00 | 19.12 0.54 0.00 | 17.81 0.44 0.00 | 17.27 0.39 0.00 | 12.69 0.29 0.00 | 16.19 0.37 0.00 | 17.84 0.35 0.00 | 20.19 0.49 0.00 | 21.35 0.46 0.00 | 23.49 0.47 0.00 | 20.94 0.29 0.00 | 20.67 0.17 0.00 | 17.73 0.08 0.00 |
| PLEASANTVLY__LBMP 24000 | 19.58 0.79 0.00 | 18.71 0.76 0.00 | 17.86 0.64 -2.62 | 17.38 0.33 -9.51 | 16.88 0.69 -0.07 | 16.32 0.66 0.00 | 20.09 0.82 0.00 | 18.56 0.82 0.00 | 19.65 0.56 -7.69 | 17.92 -0.01 -20.35 | 19.78 0.97 0.00 | 20.24 1.00 0.00 | 19.60 1.02 0.00 | 18.37 1.00 0.00 | 17.88 1.00 0.00 | 16.00 0.76 -2.84 | 17.30 0.97 -0.51 | 18.51 1.03 0.00 | 20.82 1.11 0.00 | 22.00 1.11 0.00 | 24.23 1.22 0.00 | 21.69 1.04 0.00 | 21.54 1.04 0.00 | 18.55 0.90 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 19.72 0.93 0.00 | 18.86 0.91 0.00 | 17.86 0.75 -2.52 | 17.07 0.38 -9.13 | 16.99 0.80 -0.07 | 16.44 0.79 0.00 | 20.27 1.00 0.00 | 18.73 0.99 0.00 | 25.81 0.68 -13.73 | 33.87 -0.03 -36.32 | 20.01 1.20 0.00 | 20.48 1.24 0.00 | 19.84 1.26 0.00 | 18.60 1.23 0.00 | 18.10 1.22 0.00 | 16.05 0.92 -2.73 | 17.47 1.17 -0.49 | 18.72 1.24 0.00 | 21.03 1.33 0.00 | 22.22 1.34 0.00 | 24.48 1.46 0.00 | 21.90 1.25 0.00 | 21.74 1.24 0.00 | 18.71 1.06 0.00 |

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| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 19.72 0.93 0.00 | 18.86 0.91 0.00 | 17.86 0.75 -2.52 | 17.07 0.38 -9.13 | 16.99 0.80 -0.07 | 16.44 0.79 0.00 | 20.27 1.00 0.00 | 18.73 0.99 0.00 | 25.81 0.68 -13.73 | 33.87 -0.03 -36.32 | 20.01 1.20 0.00 | 20.48 1.24 0.00 | 19.84 1.26 0.00 | 18.60 1.23 0.00 | 18.10 1.22 0.00 | 16.05 0.92 -2.73 | 17.47 1.17 -0.49 | 18.72 1.24 0.00 | 21.03 1.33 0.00 | 22.22 1.34 0.00 | 24.48 1.46 0.00 | 21.90 1.25 0.00 | 21.74 1.24 0.00 | 18.71 1.06 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 19.69 0.90 0.00 | 18.83 0.87 0.00 | 17.87 0.72 -2.55 | 17.17 0.36 -9.26 | 16.96 0.77 -0.07 | 16.41 0.75 0.00 | 20.22 0.95 0.00 | 18.69 0.94 0.00 | 15.38 0.64 -3.34 | 6.39 -0.04 -8.84 | 19.87 1.06 0.00 | 20.34 1.10 0.00 | 19.70 1.12 0.00 | 18.45 1.09 0.00 | 17.96 1.08 0.00 | 16.00 0.83 -2.77 | 17.38 1.06 -0.50 | 18.63 1.15 0.00 | 20.95 1.25 0.00 | 22.15 1.27 0.00 | 24.41 1.39 0.00 | 21.84 1.20 0.00 | 21.66 1.16 0.00 | 18.65 1.00 0.00 |
| POLETTI____ 23519 | 19.76 0.96 0.00 | 18.88 0.93 0.00 | 17.87 0.77 -2.50 | 17.02 0.40 -9.07 | 17.03 0.84 -0.07 | 16.46 0.80 0.00 | 20.29 1.03 0.00 | 18.79 1.04 0.00 | 30.15 0.75 -18.00 | 45.19 -0.02 -47.62 | 20.16 1.35 0.00 | 20.63 1.39 0.00 | 20.01 1.43 0.00 | 18.72 1.36 0.00 | 18.23 1.35 0.00 | 16.11 1.00 -2.71 | 17.57 1.26 -0.49 | 18.80 1.31 0.00 | 21.14 1.43 0.00 | 22.31 1.43 0.00 | 24.57 1.55 0.00 | 21.98 1.33 0.00 | 21.85 1.36 0.00 | 18.80 1.16 0.00 |
| PORT_JEFF_3 23555 | 20.26 1.46 0.00 | 19.36 1.41 0.00 | 18.33 1.23 -2.50 | 17.26 0.64 -9.07 | 18.30 1.33 -0.85 | 18.69 1.24 -1.79 | 20.64 1.38 0.00 | 19.01 1.27 0.00 | 30.12 0.89 -17.84 | 44.82 0.05 -47.19 | 19.96 1.14 0.00 | 20.36 1.13 0.00 | 19.74 1.17 0.01 | 17.01 1.14 1.51 | 17.37 1.09 0.60 | 37.75 0.88 -24.47 | 17.43 1.13 -0.49 | 18.53 1.04 0.00 | 20.86 1.15 0.00 | 22.22 1.34 0.00 | 24.66 1.65 0.00 | 22.04 1.39 0.00 | 22.02 1.52 0.00 | 19.07 1.42 0.00 |
| PORT_JEFF_4 23616 | 20.26 1.46 0.00 | 19.36 1.41 0.00 | 18.33 1.23 -2.50 | 17.26 0.64 -9.07 | 18.30 1.33 -0.85 | 18.69 1.24 -1.79 | 20.64 1.38 0.00 | 19.01 1.27 0.00 | 30.12 0.89 -17.84 | 44.82 0.05 -47.19 | 19.96 1.14 0.00 | 20.36 1.13 0.00 | 19.74 1.17 0.01 | 17.01 1.14 1.51 | 17.37 1.09 0.60 | 37.75 0.88 -24.47 | 17.43 1.13 -0.49 | 18.53 1.04 0.00 | 20.86 1.15 0.00 | 22.22 1.34 0.00 | 24.66 1.65 0.00 | 22.04 1.39 0.00 | 22.02 1.52 0.00 | 19.07 1.42 0.00 |
| PORT_JEFF_IC 23713 | 20.28 1.49 0.00 | 19.38 1.43 0.00 | 18.34 1.24 -2.50 | 17.27 0.64 -9.07 | 18.32 1.35 -0.85 | 18.71 1.26 -1.79 | 20.67 1.41 0.00 | 19.04 1.30 0.00 | 30.14 0.91 -17.84 | 44.82 0.04 -47.19 | 20.01 1.19 0.00 | 20.41 1.17 0.00 | 19.77 1.20 0.01 | 16.82 1.18 1.72 | 17.33 1.13 0.68 | 37.79 0.92 -24.47 | 17.49 1.18 -0.49 | 18.59 1.10 0.00 | 20.91 1.21 0.00 | 22.27 1.39 0.00 | 24.71 1.69 0.00 | 22.07 1.42 0.00 | 22.04 1.54 0.00 | 19.09 1.44 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 20.30 1.51 0.00 | 19.39 1.44 0.00 | 18.34 1.24 -2.50 | 17.27 0.64 -9.07 | 18.32 1.35 -0.85 | 18.71 1.26 -1.79 | 20.74 1.47 0.00 | 19.13 1.39 0.00 | 30.20 0.97 -17.84 | 44.80 0.03 -47.19 | 20.29 1.48 0.00 | 20.72 1.49 0.00 | 20.02 1.44 0.00 | 18.53 1.47 0.31 | 18.18 1.43 0.12 | 37.97 1.10 -24.47 | 17.69 1.39 -0.49 | 18.71 1.23 0.00 | 20.97 1.27 0.00 | 22.26 1.38 0.00 | 24.66 1.65 0.00 | 22.07 1.41 0.00 | 22.16 1.67 0.00 | 19.18 1.53 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 20.30 1.51 0.00 | 19.39 1.44 0.00 | 18.34 1.24 -2.50 | 17.27 0.64 -9.07 | 18.32 1.35 -0.85 | 18.71 1.26 -1.79 | 20.74 1.47 0.00 | 19.13 1.39 0.00 | 30.20 0.97 -17.84 | 44.80 0.03 -47.19 | 20.29 1.48 0.00 | 20.72 1.49 0.00 | 20.02 1.44 0.00 | 18.53 1.47 0.31 | 18.18 1.43 0.12 | 37.97 1.10 -24.47 | 17.69 1.39 -0.49 | 18.71 1.23 0.00 | 20.97 1.27 0.00 | 22.26 1.38 0.00 | 24.66 1.65 0.00 | 22.07 1.41 0.00 | 22.16 1.67 0.00 | 19.18 1.53 0.00 |
| PPL_SHRM_GT3 24213 | 20.18 1.39 0.00 | 19.32 1.37 0.00 | 18.32 1.22 -2.50 | 17.25 0.62 -9.07 | 18.31 1.35 -0.85 | 18.63 1.18 -1.79 | 20.52 1.25 0.00 | 18.85 1.11 0.00 | 30.05 0.81 -17.84 | 44.83 0.05 -47.19 | 19.73 0.92 0.00 | 20.10 0.87 0.00 | 19.45 0.88 0.01 | 16.74 0.90 1.53 | 17.15 0.87 0.61 | 37.61 0.74 -24.47 | 17.27 0.96 -0.49 | 18.36 0.88 0.00 | 20.64 0.94 0.00 | 21.96 1.08 0.00 | 24.34 1.33 0.00 | 21.73 1.08 0.00 | 21.71 1.22 0.00 | 18.89 1.24 0.00 |
| PPL_SHRM_GT4 24214 | 20.18 1.39 0.00 | 19.32 1.37 0.00 | 18.32 1.22 -2.50 | 17.25 0.62 -9.07 | 18.31 1.35 -0.85 | 18.63 1.18 -1.79 | 20.52 1.25 0.00 | 18.85 1.11 0.00 | 30.05 0.81 -17.84 | 44.83 0.05 -47.19 | 19.73 0.92 0.00 | 20.10 0.87 0.00 | 19.45 0.88 0.01 | 16.74 0.90 1.53 | 17.15 0.87 0.61 | 37.61 0.74 -24.47 | 17.27 0.96 -0.49 | 18.36 0.88 0.00 | 20.64 0.94 0.00 | 21.96 1.08 0.00 | 24.34 1.33 0.00 | 21.73 1.08 0.00 | 21.71 1.22 0.00 | 18.89 1.24 0.00 |
| PROJECT____ORANGE 1 24174 | 18.53 -0.26 0.00 | 17.68 -0.27 0.00 | 14.62 -0.26 -0.27 | 8.42 -0.13 -0.99 | 15.87 -0.26 -0.01 | 15.43 -0.23 0.00 | 19.07 -0.20 0.00 | 17.64 -0.23 -0.12 | 11.23 -0.16 0.00 | -2.44 -0.02 0.00 | 18.50 -0.31 0.00 | 18.91 -0.33 0.00 | 18.27 -0.31 0.00 | 17.09 -0.27 0.00 | 16.58 -0.29 0.00 | 12.46 -0.24 -0.29 | 15.55 -0.32 -0.05 | 17.22 -0.27 0.00 | 19.45 -0.25 0.00 | 20.62 -0.26 0.00 | 22.73 -0.28 0.00 | 20.42 -0.23 0.00 | 20.19 -0.30 0.00 | 17.40 -0.25 0.00 |
| PROJECT____ORANGE 2 24166 | 18.53 -0.26 0.00 | 17.68 -0.27 0.00 | 14.62 -0.26 -0.27 | 8.42 -0.13 -0.99 | 15.87 -0.26 -0.01 | 15.43 -0.23 0.00 | 19.07 -0.20 0.00 | 17.64 -0.23 -0.12 | 11.23 -0.16 0.00 | -2.44 -0.02 0.00 | 18.50 -0.31 0.00 | 18.91 -0.33 0.00 | 18.27 -0.31 0.00 | 17.09 -0.27 0.00 | 16.58 -0.29 0.00 | 12.46 -0.24 -0.29 | 15.55 -0.32 -0.05 | 17.22 -0.27 0.00 | 19.45 -0.25 0.00 | 20.62 -0.26 0.00 | 22.73 -0.28 0.00 | 20.42 -0.23 0.00 | 20.19 -0.30 0.00 | 17.40 -0.25 0.00 |
| PUCKETT____SOLAR 323809 | 19.25 0.46 0.00 | 18.41 0.46 0.00 | 15.79 0.34 -0.85 | 10.80 0.18 -3.08 | 16.55 0.41 -0.02 | 16.09 0.44 0.00 | 19.94 0.67 0.00 | 18.44 0.55 -0.15 | 11.69 0.30 0.00 | -2.64 -0.22 0.00 | 19.15 0.34 0.00 | 19.55 0.30 -0.02 | 18.86 0.28 0.00 | 17.67 0.30 0.00 | 17.12 0.24 0.00 | 13.49 0.16 -0.94 | 16.19 0.20 -0.17 | 17.83 0.35 0.00 | 20.18 0.48 0.00 | 21.43 0.55 0.00 | 23.67 0.65 0.00 | 21.26 0.61 0.00 | 21.03 0.53 0.00 | 18.11 0.46 0.00 |
| PYRITES____HYD 24023 | 18.85 0.06 0.00 | 17.95 0.00 0.00 | 14.63 0.03 0.00 | 7.58 0.03 0.00 | 16.21 0.09 0.00 | 15.75 0.09 0.00 | 19.37 0.10 0.00 | 21.74 0.11 -3.89 | 11.47 0.08 0.00 | -2.45 -0.03 0.00 | 19.00 0.19 0.00 | 19.28 0.04 0.00 | 18.59 0.01 0.00 | 17.21 -0.15 0.00 | 16.59 -0.29 0.00 | 12.17 -0.22 0.00 | 15.55 -0.27 0.00 | 17.14 -0.34 0.00 | 19.34 -0.37 0.00 | 20.57 -0.31 0.00 | 22.84 -0.18 0.00 | 20.67 0.02 0.00 | 20.56 0.07 0.00 | 17.69 0.04 0.00 |
| QUAKERRD_115KV_BK1 80622 | 17.99 -0.80 0.00 | 17.13 -0.82 0.00 | 14.21 -0.73 -0.34 | 8.42 -0.38 -1.25 | 15.32 -0.81 -0.01 | 14.92 -0.74 0.00 | 18.46 -0.81 0.00 | 16.20 -0.86 0.69 | 10.81 -0.59 0.00 | -2.42 0.00 0.00 | 17.75 -1.06 0.00 | 18.10 -1.12 0.02 | 17.51 -1.07 0.00 | 16.35 -1.01 0.00 | 15.83 -1.05 0.00 | 11.92 -0.83 -0.35 | 14.78 -1.10 -0.06 | 16.44 -1.04 0.00 | 18.64 -1.06 0.00 | 19.80 -1.08 0.00 | 21.83 -1.19 0.00 | 19.67 -0.98 0.00 | 19.46 -1.03 0.00 | 16.79 -0.86 0.00 |

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| QUENSBRY_I15KV_TB8 356137 | 19.93 1.14 0.00 | 18.97 1.02 0.00 | 18.77 0.94 -3.23 | 19.77 0.49 -11.72 | 17.27 1.06 -0.09 | 16.79 1.13 0.00 | 20.69 1.42 0.00 | 19.04 1.29 0.00 | 15.95 0.78 -3.78 | 7.43 -0.15 -9.99 | 20.12 1.31 0.00 | 20.61 1.37 0.00 | 19.76 1.18 0.00 | 18.50 1.14 0.00 | 17.97 1.09 0.00 | 16.73 0.83 -3.50 | 17.49 1.04 -0.63 | 18.70 1.22 0.00 | 21.13 1.43 0.00 | 22.36 1.48 0.00 | 24.66 1.64 0.00 | 22.15 1.50 0.00 | 21.98 1.48 0.00 | 18.87 1.23 0.00 |
| RAMAPO____LBMP 323565 | 19.62 0.83 0.00 | 18.75 0.80 0.00 | 17.66 0.66 -2.40 | 16.59 0.34 -8.70 | 16.90 0.72 -0.06 | 16.35 0.69 0.00 | 20.15 0.88 0.00 | 18.62 0.88 0.00 | -15.71 0.61 27.72 | -75.77 -0.03 73.33 | 19.87 1.06 0.00 | 20.34 1.11 0.00 | 19.73 1.15 0.00 | 18.49 1.12 0.00 | 17.99 1.11 0.00 | 15.84 0.84 -2.60 | 17.34 1.05 -0.47 | 18.59 1.10 0.00 | 20.91 1.20 0.00 | 22.08 1.20 0.00 | 24.33 1.31 0.00 | 21.78 1.13 0.00 | 21.62 1.12 0.00 | 18.61 0.96 0.00 |
| RANKINE____ 23646 | 18.41 -0.39 0.00 | 17.53 -0.42 0.00 | 14.62 -0.46 -0.47 | 9.02 -0.24 -1.71 | 15.62 -0.51 -0.01 | 15.20 -0.46 0.00 | 18.85 -0.42 0.00 | 16.92 -0.60 0.23 | 10.99 -0.40 0.00 | -2.60 -0.18 0.00 | 18.09 -0.73 0.00 | 18.64 -0.82 -0.22 | 17.82 -0.76 0.00 | 16.63 -0.76 -0.02 | 16.01 -0.88 -0.01 | 12.12 -0.77 -0.50 | 14.84 -1.07 -0.09 | 16.58 -0.90 0.00 | 18.77 -0.93 0.00 | 19.94 -0.94 0.00 | 21.99 -1.03 0.00 | 19.94 -0.71 0.00 | 19.73 -0.76 0.00 | 17.10 -0.55 0.00 |
| RAVENSWOOD_GT2_1 24244 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.34 1.07 0.00 | 18.83 1.08 0.00 | 30.16 0.77 -18.00 | 45.16 -0.03 -47.61 | 20.18 1.36 0.00 | 20.64 1.40 0.00 | 20.02 1.44 0.00 | 18.74 1.38 0.00 | 18.25 1.37 0.00 | 16.13 1.02 -2.71 | 17.59 1.28 -0.49 | 18.83 1.35 0.00 | 21.17 1.46 0.00 | 22.35 1.47 0.00 | 24.61 1.60 0.00 | 22.03 1.38 0.00 | 21.89 1.39 0.00 | 18.84 1.19 0.00 |
| RAVENSWOOD_GT2_2 24245 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.34 1.07 0.00 | 18.83 1.08 0.00 | 30.16 0.77 -18.00 | 45.16 -0.03 -47.61 | 20.18 1.36 0.00 | 20.64 1.40 0.00 | 20.02 1.44 0.00 | 18.74 1.38 0.00 | 18.25 1.37 0.00 | 16.13 1.02 -2.71 | 17.59 1.28 -0.49 | 18.83 1.35 0.00 | 21.17 1.46 0.00 | 22.35 1.47 0.00 | 24.61 1.60 0.00 | 22.03 1.38 0.00 | 21.89 1.39 0.00 | 18.84 1.19 0.00 |
| RAVENSWOOD_GT2_3 24246 | 19.80 1.01 0.00 | 18.91 0.96 0.00 | 17.91 0.81 -2.50 | 17.04 0.41 -9.07 | 17.06 0.87 -0.07 | 16.50 0.84 0.00 | 20.34 1.08 0.00 | 18.83 1.09 0.00 | 30.16 0.77 -18.00 | 45.17 -0.02 -47.61 | 20.18 1.37 0.00 | 20.65 1.42 0.00 | 20.03 1.45 0.00 | 18.76 1.39 0.00 | 18.26 1.38 0.00 | 16.13 1.02 -2.71 | 17.60 1.29 -0.49 | 18.84 1.36 0.00 | 21.18 1.48 0.00 | 22.36 1.48 0.00 | 24.63 1.61 0.00 | 22.03 1.38 0.00 | 21.90 1.40 0.00 | 18.85 1.20 0.00 |
| RAVENSWOOD_GT2_4 24247 | 19.80 1.01 0.00 | 18.91 0.96 0.00 | 17.91 0.81 -2.50 | 17.04 0.41 -9.07 | 17.06 0.87 -0.07 | 16.50 0.84 0.00 | 20.34 1.08 0.00 | 18.83 1.09 0.00 | 30.16 0.77 -18.00 | 45.17 -0.02 -47.61 | 20.18 1.37 0.00 | 20.65 1.42 0.00 | 20.03 1.45 0.00 | 18.76 1.39 0.00 | 18.26 1.38 0.00 | 16.13 1.02 -2.71 | 17.60 1.29 -0.49 | 18.84 1.36 0.00 | 21.18 1.48 0.00 | 22.36 1.48 0.00 | 24.63 1.61 0.00 | 22.03 1.38 0.00 | 21.90 1.40 0.00 | 18.85 1.20 0.00 |
| RAVENSWOOD_GT3_1 24248 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.33 1.06 0.00 | 18.82 1.07 0.00 | 30.16 0.77 -18.00 | 45.16 -0.03 -47.61 | 20.17 1.36 0.00 | 20.64 1.40 0.00 | 20.02 1.44 0.00 | 18.74 1.37 0.00 | 18.25 1.37 0.00 | 16.13 1.02 -2.71 | 17.59 1.28 -0.49 | 18.83 1.35 0.00 | 21.17 1.46 0.00 | 22.35 1.47 0.00 | 24.61 1.60 0.00 | 22.02 1.37 0.00 | 21.88 1.39 0.00 | 18.84 1.19 0.00 |
| RAVENSWOOD_GT3_2 24249 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.33 1.06 0.00 | 18.82 1.07 0.00 | 30.16 0.77 -18.00 | 45.16 -0.03 -47.61 | 20.17 1.36 0.00 | 20.64 1.40 0.00 | 20.02 1.44 0.00 | 18.74 1.37 0.00 | 18.25 1.37 0.00 | 16.13 1.02 -2.71 | 17.59 1.28 -0.49 | 18.83 1.35 0.00 | 21.17 1.46 0.00 | 22.35 1.47 0.00 | 24.61 1.60 0.00 | 22.02 1.37 0.00 | 21.88 1.39 0.00 | 18.84 1.19 0.00 |
| RAVENSWOOD_GT3_3 24250 | 19.82 1.03 0.00 | 18.93 0.98 0.00 | 17.92 0.82 -2.50 | 17.04 0.42 -9.07 | 17.07 0.88 -0.07 | 16.51 0.85 0.00 | 20.36 1.09 0.00 | 18.85 1.10 0.00 | 30.18 0.79 -18.00 | 45.16 -0.04 -47.61 | 20.20 1.39 0.00 | 20.68 1.44 0.00 | 20.05 1.47 0.00 | 18.78 1.41 0.00 | 18.28 1.40 0.00 | 16.15 1.04 -2.71 | 17.62 1.31 -0.49 | 18.86 1.38 0.00 | 21.21 1.50 0.00 | 22.38 1.50 0.00 | 24.65 1.63 0.00 | 22.06 1.41 0.00 | 21.92 1.42 0.00 | 18.86 1.21 0.00 |
| RAVENSWOOD_GT3_4 24251 | 19.82 1.03 0.00 | 18.93 0.98 0.00 | 17.92 0.82 -2.50 | 17.04 0.42 -9.07 | 17.07 0.88 -0.07 | 16.51 0.85 0.00 | 20.36 1.09 0.00 | 18.85 1.10 0.00 | 30.18 0.79 -18.00 | 45.16 -0.04 -47.61 | 20.20 1.39 0.00 | 20.67 1.44 0.00 | 20.06 1.48 0.00 | 18.78 1.41 0.00 | 18.28 1.40 0.00 | 16.15 1.04 -2.71 | 17.62 1.31 -0.49 | 18.87 1.38 0.00 | 21.21 1.50 0.00 | 22.38 1.50 0.00 | 24.65 1.63 0.00 | 22.06 1.41 0.00 | 21.92 1.42 0.00 | 18.86 1.21 0.00 |
| RAVENSWOOD_GT_1 23729 | 19.85 1.06 0.00 | 18.98 1.03 0.00 | 17.95 0.85 -2.50 | 17.06 0.43 -9.07 | 17.11 0.92 -0.07 | 16.55 0.89 0.00 | 20.42 1.15 0.00 | 18.90 1.16 0.00 | 30.21 0.82 -18.00 | 45.16 -0.03 -47.61 | 20.28 1.46 -0.01 | 20.76 1.51 -0.01 | 20.13 1.54 -0.01 | 197.02 1.46 -178.19 | 28.26 1.45 -9.93 | 25.39 1.08 -11.92 | 19.31 1.36 -2.14 | 18.93 1.44 -0.01 | 21.27 1.57 0.00 | 22.46 1.58 0.00 | 24.73 1.71 0.00 | 22.14 1.48 0.00 | 21.98 1.49 0.00 | 18.92 1.27 0.00 |
| RAVENSWOOD_GT_10 24258 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.48 0.83 0.00 | 20.33 1.06 0.00 | 18.82 1.07 0.00 | 30.16 0.77 -18.00 | 45.16 -0.03 -47.61 | 20.17 1.36 0.00 | 20.64 1.40 0.00 | 20.02 1.44 0.00 | 4.71 1.37 14.03 | 17.46 1.36 0.78 | 15.40 1.02 -1.99 | 17.46 1.28 -0.36 | 18.83 1.34 0.00 | 21.17 1.46 0.00 | 22.34 1.46 0.00 | 24.61 1.59 0.00 | 22.02 1.37 0.00 | 21.88 1.39 0.00 | 18.83 1.19 0.00 |
| RAVENSWOOD_GT_11 24259 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.48 0.83 0.00 | 20.33 1.06 0.00 | 18.82 1.07 0.00 | 30.16 0.77 -18.00 | 45.16 -0.03 -47.61 | 20.17 1.36 0.00 | 20.64 1.40 0.00 | 20.02 1.44 0.00 | 4.71 1.37 14.03 | 17.46 1.36 0.78 | 15.40 1.02 -1.99 | 17.46 1.28 -0.36 | 18.83 1.35 0.00 | 21.17 1.46 0.00 | 22.34 1.46 0.00 | 24.61 1.59 0.00 | 22.02 1.37 0.00 | 21.88 1.39 0.00 | 18.83 1.19 0.00 |
| RAVENSWOOD_GT_4 24252 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.33 1.06 0.00 | 18.81 1.07 0.00 | 30.16 0.76 -18.00 | 45.16 -0.03 -47.61 | 20.16 1.35 0.00 | 20.63 1.40 0.00 | 20.01 1.43 0.00 | -73.83 1.37 92.57 | 13.08 1.36 5.16 | 11.34 1.01 2.07 | 16.72 1.27 0.37 | 18.81 1.33 0.00 | 21.16 1.46 0.00 | 22.34 1.46 0.00 | 24.60 1.58 0.00 | 22.01 1.36 0.00 | 21.88 1.38 0.00 | 18.83 1.18 0.00 |

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| RAVENSWOOD_GT_5 24254 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.33 1.06 0.00 | 18.81 1.07 0.00 | 30.16 0.76 -18.00 | 45.16 -0.03 -47.61 | 20.16 1.35 0.00 | 20.63 1.40 0.00 | 20.01 1.43 0.00 | -73.83 1.37 92.57 | 13.08 1.36 5.16 | 11.34 1.01 2.07 | 16.72 1.27 0.37 | 18.81 1.33 0.00 | 21.16 1.46 0.00 | 22.34 1.46 0.00 | 24.60 1.58 0.00 | 22.01 1.36 0.00 | 21.88 1.38 0.00 | 18.83 1.18 0.00 |
| RAVENSWOOD_GT_6 24253 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.33 1.06 0.00 | 18.81 1.07 0.00 | 30.16 0.76 -18.00 | 45.16 -0.03 -47.61 | 20.16 1.35 0.00 | 20.63 1.40 0.00 | 20.01 1.43 0.00 | -73.83 1.37 92.57 | 13.08 1.36 5.16 | 11.34 1.01 2.07 | 16.72 1.27 0.37 | 18.81 1.33 0.00 | 21.16 1.46 0.00 | 22.34 1.46 0.00 | 24.60 1.58 0.00 | 22.01 1.36 0.00 | 21.88 1.38 0.00 | 18.83 1.18 0.00 |
| RAVENSWOOD_GT_7 24255 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.33 1.06 0.00 | 18.81 1.07 0.00 | 30.16 0.76 -18.00 | 45.16 -0.03 -47.61 | 20.16 1.35 0.00 | 20.63 1.40 0.00 | 20.01 1.43 0.00 | -73.83 1.37 92.57 | 13.08 1.36 5.16 | 11.34 1.01 2.07 | 16.72 1.27 0.37 | 18.81 1.33 0.00 | 21.16 1.46 0.00 | 22.34 1.46 0.00 | 24.60 1.58 0.00 | 22.01 1.36 0.00 | 21.88 1.38 0.00 | 18.83 1.18 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.48 0.83 0.00 | 20.33 1.06 0.00 | 18.82 1.07 0.00 | 30.16 0.77 -18.00 | 45.16 -0.03 -47.61 | 20.17 1.36 0.00 | 20.64 1.40 0.00 | 20.02 1.44 0.00 | 4.71 1.37 14.03 | 17.46 1.36 0.78 | 15.40 1.02 -1.99 | 17.46 1.28 -0.36 | 18.83 1.34 0.00 | 21.17 1.46 0.00 | 22.34 1.46 0.00 | 24.61 1.59 0.00 | 22.02 1.37 0.00 | 21.88 1.39 0.00 | 18.83 1.19 0.00 |
| RAVENSWOOD_GT_9 24257 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.48 0.83 0.00 | 20.33 1.06 0.00 | 18.82 1.07 0.00 | 30.16 0.77 -18.00 | 45.16 -0.03 -47.61 | 20.17 1.36 0.00 | 20.64 1.40 0.00 | 20.02 1.44 0.00 | 4.71 1.37 14.03 | 17.46 1.36 0.78 | 15.40 1.02 -1.99 | 17.46 1.28 -0.36 | 18.83 1.35 0.00 | 21.17 1.46 0.00 | 22.34 1.46 0.00 | 24.61 1.59 0.00 | 22.02 1.37 0.00 | 21.88 1.39 0.00 | 18.83 1.19 0.00 |
| RAVENSWOOD___1 23533 | 19.81 1.02 0.00 | 18.94 0.99 0.00 | 17.93 0.82 -2.50 | 17.04 0.42 -9.07 | 17.07 0.88 -0.07 | 16.51 0.86 0.00 | 20.38 1.11 0.00 | 18.86 1.12 0.00 | 30.19 0.80 -18.00 | 45.16 -0.03 -47.61 | 20.24 1.42 -0.01 | 20.70 1.46 -0.01 | 20.08 1.50 -0.01 | 138.51 1.43 -119.72 | 24.97 1.42 -6.67 | 22.35 1.05 -8.90 | 18.74 1.33 -1.60 | 18.89 1.40 -0.01 | 21.23 1.52 0.00 | 22.41 1.53 0.00 | 24.69 1.67 0.00 | 22.08 1.43 0.00 | 21.94 1.45 0.00 | 18.88 1.23 0.00 |
| RAVENSWOOD___2 23534 | 19.81 1.02 0.00 | 18.94 0.99 0.00 | 17.93 0.82 -2.50 | 17.04 0.42 -9.07 | 17.07 0.88 -0.07 | 16.51 0.86 0.00 | 20.38 1.11 0.00 | 18.86 1.12 0.00 | 30.19 0.80 -18.00 | 45.16 -0.03 -47.61 | 20.24 1.42 -0.01 | 20.70 1.46 -0.01 | 20.08 1.50 -0.01 | 138.51 1.43 -119.72 | 24.97 1.42 -6.67 | 22.35 1.05 -8.90 | 18.74 1.33 -1.60 | 18.89 1.40 -0.01 | 21.23 1.52 0.00 | 22.41 1.53 0.00 | 24.69 1.67 0.00 | 22.08 1.43 0.00 | 21.94 1.45 0.00 | 18.88 1.23 0.00 |
| RAVENSWOOD___3 23535 | 19.79 1.00 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.34 1.07 0.00 | 18.83 1.08 0.00 | 30.16 0.77 -18.00 | 45.16 -0.03 -47.61 | 20.18 1.37 0.00 | 20.64 1.41 0.00 | 20.02 1.44 0.00 | 18.74 1.38 0.00 | 18.25 1.37 0.00 | 16.13 1.02 -2.71 | 17.59 1.29 -0.49 | 18.83 1.35 0.00 | 21.17 1.47 0.00 | 22.35 1.47 0.00 | 24.62 1.60 0.00 | 22.03 1.38 0.00 | 21.89 1.39 0.00 | 18.84 1.19 0.00 |
| RAVENSWOOD___4 23820 | 19.81 1.02 0.00 | 18.94 0.99 0.00 | 17.93 0.82 -2.50 | 17.04 0.42 -9.07 | 17.07 0.88 -0.07 | 16.51 0.86 0.00 | 20.38 1.11 0.00 | 18.86 1.12 0.00 | 30.19 0.80 -18.00 | 45.16 -0.03 -47.61 | 20.24 1.42 -0.01 | 20.70 1.46 -0.01 | 20.08 1.50 -0.01 | 138.51 1.43 -119.72 | 24.97 1.42 -6.67 | 22.35 1.05 -8.90 | 18.74 1.33 -1.60 | 18.89 1.40 -0.01 | 21.23 1.52 0.00 | 22.41 1.53 0.00 | 24.69 1.67 0.00 | 22.08 1.43 0.00 | 21.94 1.45 0.00 | 18.88 1.23 0.00 |
| RCPL_TRUST___DRP 24196 | 19.83 1.03 0.00 | 18.95 1.00 0.00 | 17.93 0.83 -2.50 | 17.05 0.42 -9.07 | 17.08 0.89 -0.07 | 16.52 0.87 0.00 | 20.38 1.11 0.00 | 18.86 1.12 0.00 | 30.20 0.80 -18.01 | 45.18 -0.04 -47.64 | 20.22 1.41 0.00 | 20.70 1.46 0.00 | 20.07 1.49 0.00 | 18.80 1.43 0.00 | 18.30 1.42 0.00 | 16.17 1.05 -2.71 | 17.64 1.33 -0.49 | 18.88 1.40 0.00 | 21.22 1.51 0.00 | 22.39 1.51 0.00 | 24.66 1.64 0.00 | 22.04 1.39 0.00 | 21.92 1.42 0.00 | 18.86 1.21 0.00 |
| RED___ROCHESTER 323720 | 18.47 -0.32 0.00 | 17.58 -0.37 0.00 | 14.57 -0.38 -0.35 | 8.63 -0.20 -1.28 | 15.70 -0.43 -0.01 | 15.32 -0.34 0.00 | 18.97 -0.30 0.00 | 16.92 -0.42 0.41 | 11.08 -0.31 0.00 | -2.52 -0.10 0.00 | 18.18 -0.64 0.00 | 18.53 -0.68 0.02 | 17.94 -0.64 0.00 | 16.76 -0.61 0.00 | 16.19 -0.69 0.00 | 12.20 -0.56 -0.37 | 15.12 -0.76 -0.07 | 16.84 -0.64 0.00 | 19.13 -0.57 0.00 | 20.33 -0.55 0.00 | 22.43 -0.59 0.00 | 20.23 -0.42 0.00 | 20.01 -0.49 0.00 | 17.22 -0.42 0.00 |
| REGAN___SOLAR 323812 | 20.29 1.50 0.00 | 19.41 1.47 0.00 | 19.46 1.20 -3.66 | 21.45 0.61 -13.29 | 17.61 1.39 -0.10 | 17.00 1.34 0.00 | 20.86 1.59 0.00 | 19.13 1.39 0.00 | 15.16 0.79 -2.97 | 4.85 -0.60 -7.87 | 19.78 0.97 0.00 | 20.12 0.89 0.00 | 19.39 0.81 0.00 | 18.09 0.72 0.00 | 17.82 0.94 0.00 | 17.24 0.87 -3.97 | 17.55 1.01 -0.72 | 18.49 1.01 0.00 | 21.35 1.65 -0.01 | 22.85 1.97 0.00 | 25.18 2.16 0.00 | 22.63 1.98 0.00 | 22.37 1.88 0.00 | 19.31 1.66 0.00 |
| RENSSELAER___COGEN 23796 | 19.49 0.70 0.00 | 18.64 0.69 0.00 | 18.27 0.58 -3.09 | 19.07 0.29 -11.23 | 16.81 0.60 -0.08 | 16.20 0.54 0.00 | 19.88 0.61 0.00 | 18.32 0.58 0.00 | 15.65 0.29 -3.97 | 8.06 -0.02 -10.49 | 19.15 0.34 0.00 | 19.59 0.35 0.00 | 18.91 0.33 0.00 | 17.74 0.37 0.00 | 17.29 0.41 0.00 | 16.10 0.35 -3.35 | 16.86 0.44 -0.61 | 18.01 0.52 0.00 | 20.26 0.56 0.00 | 21.46 0.58 0.00 | 23.62 0.60 0.00 | 21.15 0.50 0.00 | 21.00 0.51 0.00 | 18.13 0.48 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 20.70 1.91 0.00 | 19.57 1.63 0.00 | 19.23 1.40 -3.23 | 20.01 0.74 -11.71 | 17.82 1.61 -0.09 | 17.41 1.75 0.00 | 21.53 2.26 0.00 | 19.78 2.04 0.00 | 16.40 1.23 -3.79 | 7.35 -0.25 -10.01 | 21.06 2.25 0.00 | 21.60 2.37 0.00 | 20.71 2.13 0.00 | 19.39 2.03 0.00 | 18.83 1.94 0.00 | 17.42 1.52 -3.50 | 18.33 1.89 -0.63 | 19.66 2.18 0.00 | 22.27 2.56 0.00 | 23.47 2.58 0.00 | 25.99 2.98 0.00 | 23.39 2.74 0.00 | 23.00 2.51 0.00 | 19.79 2.14 0.00 |
| REVERE_CPPR_DRP 24186 | 19.28 0.49 0.00 | 18.37 0.42 0.00 | 15.07 0.31 -0.15 | 8.28 0.17 -0.55 | 16.54 0.42 0.00 | 16.07 0.42 0.00 | 19.90 0.63 0.00 | 18.60 0.51 -0.34 | 11.67 0.28 0.00 | -2.49 -0.07 0.00 | 19.22 0.41 0.00 | 19.60 0.37 0.00 | 18.92 0.34 0.00 | 17.71 0.34 0.00 | 17.19 0.31 0.00 | 12.78 0.21 -0.17 | 16.12 0.28 -0.03 | 17.87 0.39 0.00 | 20.24 0.54 0.00 | 21.59 0.71 0.00 | 23.85 0.84 0.00 | 21.41 0.76 0.00 | 21.16 0.66 0.00 | 18.24 0.59 0.00 |

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|-----------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| REYNOLDS_115KV_TB3 80639 | 19.47 0.68 0.00 | 18.62 0.67 0.00 | 18.26 0.56 -3.10 | 19.07 0.29 -11.23 | 16.80 0.60 -0.08 | 16.20 0.54 0.00 | 19.86 0.59 0.00 | 18.30 0.55 0.00 | 15.79 0.31 -4.09 | 8.37 -0.02 -10.81 | 19.24 0.43 0.00 | 19.68 0.45 0.00 | 18.98 0.41 0.00 | 17.80 0.44 0.00 | 17.34 0.46 0.00 | 16.14 0.39 -3.35 | 16.91 0.48 -0.61 | 18.06 0.57 0.00 | 20.31 0.60 0.00 | 21.51 0.63 0.00 | 23.70 0.68 0.00 | 21.23 0.58 0.00 | 21.09 0.59 0.00 | 18.19 0.55 0.00 |
| RIVERBAY____ 323610 | 19.78 0.98 0.00 | 18.94 0.99 0.00 | 17.92 0.82 -2.50 | 17.05 0.42 -9.07 | 17.10 0.91 -0.07 | 16.48 0.82 0.00 | 20.36 1.09 0.00 | 18.84 1.10 0.00 | 30.16 0.77 -18.00 | 45.20 0.00 -47.61 | 20.13 1.31 -0.01 | 20.59 1.35 -0.01 | 19.97 1.38 -0.01 | 18.69 1.32 0.00 | 18.20 1.33 0.00 | 16.09 0.99 -2.71 | 17.54 1.25 -0.48 | 18.78 1.30 0.00 | 21.14 1.43 0.00 | 22.34 1.45 0.00 | 24.61 1.59 0.00 | 22.02 1.37 0.00 | 21.88 1.38 0.00 | 18.86 1.21 0.00 |
| RIVERSDE_115KV_TB3 55908 | 19.50 0.70 0.00 | 18.65 0.70 0.00 | 18.28 0.58 -3.10 | 19.08 0.30 -11.23 | 16.82 0.62 -0.08 | 16.21 0.55 0.00 | 19.89 0.62 0.00 | 18.32 0.58 0.00 | 15.77 0.32 -4.06 | 8.29 -0.02 -10.73 | 19.23 0.42 0.00 | 19.66 0.43 0.00 | 18.98 0.41 0.00 | 17.81 0.44 0.00 | 17.35 0.47 0.00 | 16.14 0.39 -3.36 | 16.91 0.48 -0.61 | 18.06 0.58 0.00 | 20.31 0.60 0.00 | 21.50 0.62 0.00 | 23.67 0.65 0.00 | 21.20 0.55 0.00 | 21.06 0.56 0.00 | 18.17 0.52 0.00 |
| ROARING____BROOK_WT_PWR 323790 | 18.45 -0.34 0.00 | 17.55 -0.40 0.00 | 14.27 -0.33 0.00 | 7.39 -0.16 0.00 | 15.82 -0.30 0.00 | 15.47 -0.18 0.00 | 19.05 -0.21 0.00 | 17.41 -0.19 0.14 | 11.27 -0.12 0.00 | -2.40 0.02 0.00 | 18.64 -0.17 0.00 | 19.06 -0.18 0.00 | 18.39 -0.18 0.00 | 17.15 -0.22 0.00 | 16.65 -0.23 0.00 | 12.23 -0.17 0.00 | 15.63 -0.19 0.00 | 17.26 -0.22 0.00 | 19.45 -0.25 0.00 | 20.63 -0.25 0.00 | 22.72 -0.30 0.00 | 20.37 -0.28 0.00 | 20.21 -0.28 0.00 | 17.42 -0.22 0.00 |
| ROCHESRG_115KV_T4 355643 | 18.30 -0.50 0.00 | 17.42 -0.53 0.00 | 14.45 -0.50 -0.35 | 8.56 -0.26 -1.27 | 15.57 -0.56 -0.01 | 15.17 -0.49 0.00 | 18.77 -0.50 0.00 | 16.74 -0.61 0.40 | 10.97 -0.43 0.00 | -2.48 -0.06 0.00 | 18.00 -0.81 0.00 | 18.33 -0.88 0.02 | 17.75 -0.82 0.00 | 16.57 -0.79 0.00 | 16.02 -0.85 0.00 | 12.08 -0.69 -0.37 | 14.95 -0.93 -0.07 | 16.67 -0.81 0.00 | 18.90 -0.80 0.00 | 20.09 -0.79 0.00 | 22.16 -0.86 0.00 | 19.99 -0.66 0.00 | 19.78 -0.71 0.00 | 17.06 -0.59 0.00 |
| ROCHESTER_9_IC 23652 | 18.39 -0.40 0.00 | 17.50 -0.45 0.00 | 14.51 -0.44 -0.35 | 8.61 -0.23 -1.28 | 15.63 -0.50 -0.01 | 15.25 -0.41 0.00 | 18.87 -0.40 0.00 | 16.83 -0.51 0.41 | 11.03 -0.37 0.00 | -2.49 -0.07 0.00 | 18.10 -0.72 0.00 | 18.43 -0.78 0.02 | 17.85 -0.73 0.00 | 16.67 -0.70 0.00 | 16.11 -0.77 0.00 | 12.14 -0.63 -0.37 | 15.04 -0.84 -0.07 | 16.77 -0.71 0.00 | 19.02 -0.69 0.00 | 20.22 -0.66 0.00 | 22.30 -0.72 0.00 | 20.12 -0.53 0.00 | 19.90 -0.60 0.00 | 17.15 -0.50 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 19.80 1.01 0.00 | 18.91 0.96 0.00 | 17.90 0.80 -2.50 | 17.03 0.41 -9.07 | 17.05 0.86 -0.07 | 16.49 0.83 0.00 | 20.33 1.06 0.00 | 18.81 1.06 0.00 | 30.12 0.74 -17.98 | 45.10 -0.04 -47.57 | 20.11 1.30 0.00 | 20.58 1.34 0.00 | 19.95 1.37 0.00 | 18.69 1.32 0.00 | 18.19 1.32 0.00 | 16.10 0.99 -2.71 | 17.55 1.25 -0.49 | 18.80 1.31 0.00 | 21.12 1.42 0.00 | 22.31 1.42 0.00 | 24.57 1.55 0.00 | 21.98 1.34 0.00 | 21.83 1.33 0.00 | 18.79 1.14 0.00 |
| ROME____115KV_TB2 80656 | 19.28 0.49 0.00 | 18.37 0.42 0.00 | 15.07 0.31 -0.15 | 8.28 0.17 -0.55 | 16.54 0.42 0.00 | 16.07 0.42 0.00 | 19.90 0.63 0.00 | 18.60 0.51 -0.34 | 11.67 0.28 0.00 | -2.49 -0.07 0.00 | 19.22 0.41 0.00 | 19.60 0.37 0.00 | 18.92 0.34 0.00 | 17.71 0.34 0.00 | 17.19 0.31 0.00 | 12.78 0.21 -0.17 | 16.12 0.28 -0.03 | 17.87 0.39 0.00 | 20.24 0.54 0.00 | 21.59 0.71 0.00 | 23.85 0.84 0.00 | 21.41 0.76 0.00 | 21.16 0.66 0.00 | 18.24 0.59 0.00 |
| ROSETON____1 23587 | 19.59 0.79 0.00 | 18.72 0.77 0.00 | 17.72 0.64 -2.47 | 16.86 0.33 -8.98 | 16.88 0.69 -0.07 | 16.32 0.66 0.00 | 20.10 0.83 0.00 | 18.57 0.83 0.00 | 11.97 0.57 0.00 | -2.44 -0.02 0.00 | 19.80 0.99 0.00 | 20.26 1.02 0.00 | 19.63 1.04 0.00 | 18.39 1.02 0.00 | 17.91 1.03 0.00 | 15.86 0.78 -2.68 | 17.29 0.99 -0.48 | 18.53 1.05 0.00 | 20.83 1.13 0.00 | 22.02 1.14 0.00 | 24.26 1.24 0.00 | 21.71 1.06 0.00 | 21.55 1.06 0.00 | 18.56 0.91 0.00 |
| ROSETON____2 23588 | 19.59 0.79 0.00 | 18.72 0.77 0.00 | 17.72 0.64 -2.47 | 16.86 0.33 -8.98 | 16.88 0.69 -0.07 | 16.32 0.66 0.00 | 20.10 0.83 0.00 | 18.57 0.83 0.00 | 11.97 0.57 0.00 | -2.44 -0.02 0.00 | 19.80 0.99 0.00 | 20.26 1.02 0.00 | 19.63 1.04 0.00 | 18.39 1.02 0.00 | 17.91 1.03 0.00 | 15.86 0.78 -2.68 | 17.29 0.99 -0.48 | 18.53 1.05 0.00 | 20.83 1.13 0.00 | 22.02 1.14 0.00 | 24.26 1.24 0.00 | 21.71 1.06 0.00 | 21.55 1.06 0.00 | 18.56 0.91 0.00 |
| ROTTSDAM_115KV_TB3 80664 | 19.46 0.67 0.00 | 18.61 0.66 0.00 | 18.43 0.56 -3.27 | 19.73 0.29 -11.88 | 16.83 0.62 -0.09 | 16.23 0.58 0.00 | 19.98 0.71 0.00 | 18.41 0.66 0.00 | 15.44 0.41 -3.63 | 7.14 -0.06 -9.61 | 19.43 0.62 0.00 | 19.88 0.64 0.00 | 19.18 0.60 0.00 | 17.97 0.60 0.00 | 17.49 0.61 0.00 | 16.43 0.48 -3.55 | 17.07 0.61 -0.64 | 18.19 0.70 0.00 | 20.50 0.79 0.00 | 21.72 0.84 0.00 | 23.94 0.93 0.00 | 21.46 0.81 0.00 | 21.29 0.79 0.00 | 18.34 0.69 0.00 |
| RUSSELL____1 23602 | 18.47 -0.32 0.00 | 17.58 -0.37 0.00 | 14.57 -0.38 -0.35 | 8.63 -0.20 -1.28 | 15.70 -0.43 -0.01 | 15.32 -0.34 0.00 | 18.97 -0.30 0.00 | 16.91 -0.43 0.41 | 11.08 -0.31 0.00 | -2.51 -0.09 0.00 | 18.18 -0.63 0.00 | 18.52 -0.68 0.02 | 17.94 -0.64 0.00 | 16.75 -0.61 0.00 | 16.19 -0.69 0.00 | 12.20 -0.56 -0.37 | 15.12 -0.76 -0.07 | 16.86 -0.62 0.00 | 19.13 -0.57 0.00 | 20.34 -0.54 0.00 | 22.43 -0.59 0.00 | 20.24 -0.42 0.00 | 20.01 -0.49 0.00 | 17.23 -0.42 0.00 |
| RUSSELL____2 23532 | 18.47 -0.32 0.00 | 17.58 -0.37 0.00 | 14.57 -0.38 -0.35 | 8.63 -0.20 -1.28 | 15.70 -0.43 -0.01 | 15.32 -0.34 0.00 | 18.97 -0.30 0.00 | 16.91 -0.43 0.41 | 11.08 -0.31 0.00 | -2.51 -0.09 0.00 | 18.18 -0.63 0.00 | 18.52 -0.68 0.02 | 17.94 -0.64 0.00 | 16.75 -0.61 0.00 | 16.19 -0.69 0.00 | 12.20 -0.56 -0.37 | 15.12 -0.76 -0.07 | 16.86 -0.62 0.00 | 19.13 -0.57 0.00 | 20.34 -0.54 0.00 | 22.43 -0.59 0.00 | 20.24 -0.42 0.00 | 20.01 -0.49 0.00 | 17.23 -0.42 0.00 |
| RUSSELL____3 23549 | 18.47 -0.32 0.00 | 17.58 -0.37 0.00 | 14.57 -0.38 -0.35 | 8.63 -0.20 -1.28 | 15.70 -0.43 -0.01 | 15.32 -0.34 0.00 | 18.97 -0.30 0.00 | 16.91 -0.43 0.41 | 11.08 -0.31 0.00 | -2.51 -0.09 0.00 | 18.18 -0.63 0.00 | 18.52 -0.68 0.02 | 17.94 -0.64 0.00 | 16.75 -0.61 0.00 | 16.19 -0.69 0.00 | 12.20 -0.56 -0.37 | 15.12 -0.76 -0.07 | 16.86 -0.62 0.00 | 19.13 -0.57 0.00 | 20.34 -0.54 0.00 | 22.43 -0.59 0.00 | 20.24 -0.42 0.00 | 20.01 -0.49 0.00 | 17.23 -0.42 0.00 |
| RUSSELL____4 23556 | 18.47 -0.32 0.00 | 17.58 -0.37 0.00 | 14.57 -0.38 -0.35 | 8.63 -0.20 -1.28 | 15.70 -0.43 -0.01 | 15.32 -0.34 0.00 | 18.97 -0.30 0.00 | 16.91 -0.43 0.41 | 11.08 -0.31 0.00 | -2.51 -0.09 0.00 | 18.18 -0.63 0.00 | 18.52 -0.68 0.02 | 17.94 -0.64 0.00 | 16.75 -0.61 0.00 | 16.19 -0.69 0.00 | 12.20 -0.56 -0.37 | 15.12 -0.76 -0.07 | 16.86 -0.62 0.00 | 19.13 -0.57 0.00 | 20.34 -0.54 0.00 | 22.43 -0.59 0.00 | 20.24 -0.42 0.00 | 20.01 -0.49 0.00 | 17.23 -0.42 0.00 |

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| RUSSELL___STATION 23914 | 18.47 -0.32 0.00 | 17.58 -0.37 0.00 | 14.57 -0.38 -0.35 | 8.63 -0.20 -1.28 | 15.70 -0.43 -0.01 | 15.32 -0.34 0.00 | 18.97 -0.30 0.00 | 16.91 -0.43 0.41 | 11.08 -0.31 0.00 | -2.51 -0.09 0.00 | 18.18 -0.63 0.00 | 18.52 -0.68 0.02 | 17.94 -0.64 0.00 | 16.75 -0.61 0.00 | 16.19 -0.69 0.00 | 12.20 -0.56 -0.37 | 15.12 -0.76 -0.07 | 16.86 -0.62 0.00 | 19.13 -0.57 0.00 | 20.34 -0.54 0.00 | 22.43 -0.59 0.00 | 20.24 -0.42 0.00 | 20.01 -0.49 0.00 | 17.23 -0.42 0.00 |
| S SALMON___HYD 24043 | 18.56 -0.24 0.00 | 17.64 -0.31 0.00 | 14.55 -0.28 -0.23 | 8.25 -0.13 -0.82 | 15.88 -0.25 -0.01 | 15.49 -0.17 0.00 | 19.17 -0.09 0.00 | 18.02 -0.15 -0.43 | 11.25 -0.15 0.00 | -2.42 0.00 0.00 | 18.41 -0.41 0.00 | 18.77 -0.46 0.00 | 18.13 -0.45 0.00 | 16.94 -0.43 0.00 | 16.42 -0.46 0.00 | 12.29 -0.35 -0.24 | 15.37 -0.49 -0.04 | 17.02 -0.47 0.00 | 19.28 -0.43 0.00 | 20.54 -0.34 0.00 | 22.77 -0.25 0.00 | 20.50 -0.15 0.00 | 20.30 -0.20 0.00 | 17.47 -0.18 0.00 |
| S.PERRY___115KV_TB1 80734 | 19.12 0.33 0.00 | 18.22 0.27 0.00 | 15.22 0.18 -0.44 | 9.30 0.14 -1.61 | 16.51 0.38 -0.01 | 16.17 0.51 0.00 | 20.13 0.86 0.00 | 18.65 0.63 -0.27 | 11.74 0.35 0.00 | -2.64 -0.22 0.00 | 19.14 0.33 0.00 | 19.51 0.26 -0.02 | 18.80 0.22 0.00 | 17.59 0.22 0.00 | 16.97 0.09 0.00 | 12.87 -0.04 -0.51 | 15.84 -0.07 -0.09 | 17.64 0.16 0.00 | 19.99 0.28 0.00 | 21.39 0.51 0.00 | 23.84 0.82 0.00 | 21.52 0.87 0.00 | 21.21 0.71 0.00 | 18.22 0.57 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 18.15 -0.64 0.00 | 17.27 -0.68 0.00 | 14.39 -0.67 -0.45 | 8.84 -0.35 -1.65 | 15.37 -0.76 -0.01 | 14.96 -0.70 0.00 | 18.52 -0.75 0.00 | 16.58 -0.92 0.25 | 10.78 -0.62 0.00 | -2.54 -0.12 0.00 | 17.70 -1.12 0.00 | 18.39 -1.22 -0.38 | 17.44 -1.15 -0.01 | 16.30 -1.12 -0.05 | 15.67 -1.22 -0.01 | 11.88 -1.00 -0.48 | 14.55 -1.36 -0.09 | 16.26 -1.22 0.00 | 18.43 -1.27 0.00 | 19.61 -1.27 0.00 | 21.61 -1.41 0.00 | 19.61 -1.04 0.00 | 19.43 -1.07 0.00 | 16.84 -0.81 0.00 |
| SAWYER___23_KV_LOAD 55526 | 18.15 -0.64 0.00 | 17.27 -0.68 0.00 | 14.39 -0.67 -0.45 | 8.84 -0.35 -1.65 | 15.37 -0.76 -0.01 | 14.96 -0.70 0.00 | 18.52 -0.75 0.00 | 16.58 -0.92 0.25 | 10.78 -0.62 0.00 | -2.54 -0.12 0.00 | 17.70 -1.12 0.00 | 18.39 -1.22 -0.38 | 17.44 -1.15 -0.01 | 16.30 -1.12 -0.05 | 15.67 -1.22 -0.01 | 11.88 -1.00 -0.48 | 14.55 -1.36 -0.09 | 16.26 -1.22 0.00 | 18.43 -1.27 0.00 | 19.61 -1.27 0.00 | 21.61 -1.41 0.00 | 19.61 -1.04 0.00 | 19.43 -1.07 0.00 | 16.84 -0.81 0.00 |
| SELKIRK___I 23801 | 19.54 0.75 0.00 | 18.70 0.75 0.00 | 18.28 0.63 -3.05 | 18.94 0.33 -11.05 | 16.89 0.68 -0.08 | 16.28 0.72 0.00 | 19.99 0.86 0.00 | 18.40 0.66 0.00 | 15.25 0.35 -3.50 | 6.81 -0.04 -9.27 | 19.27 0.45 0.00 | 19.69 0.46 0.00 | 19.02 0.44 0.00 | 17.83 0.46 0.00 | 17.36 0.48 0.00 | 16.09 0.39 -3.30 | 16.91 0.50 -0.60 | 18.08 0.59 0.00 | 20.37 0.66 0.00 | 21.57 0.69 0.00 | 23.75 0.73 0.00 | 21.28 0.63 0.00 | 21.12 0.62 0.00 | 18.23 0.58 0.00 |
| SELKIRK___II 23799 | 19.43 0.64 0.00 | 18.58 0.63 0.00 | 18.22 0.54 -3.09 | 19.02 0.27 -11.19 | 16.77 0.57 -0.08 | 16.17 0.51 0.00 | 19.85 0.58 0.00 | 18.30 0.55 0.00 | 15.54 0.30 -3.84 | 7.73 -0.02 -10.16 | 19.21 0.40 0.00 | 19.64 0.41 0.00 | 18.97 0.39 0.00 | 17.78 0.42 0.00 | 17.33 0.45 0.00 | 16.11 0.36 -3.35 | 16.88 0.46 -0.60 | 18.02 0.54 0.00 | 20.29 0.59 0.00 | 21.49 0.60 0.00 | 23.66 0.64 0.00 | 21.20 0.55 0.00 | 21.04 0.55 0.00 | 18.15 0.50 0.00 |
| SENECA OSWGO___HYD 24041 | 18.38 -0.42 0.00 | 17.53 -0.42 0.00 | 14.49 -0.37 -0.25 | 8.29 -0.19 -0.93 | 15.73 -0.40 -0.01 | 15.31 -0.35 0.00 | 18.92 -0.35 0.00 | 17.51 -0.38 -0.15 | 11.13 -0.26 0.00 | -2.41 0.01 0.00 | 18.31 -0.50 0.00 | 18.72 -0.51 0.00 | 18.08 -0.50 0.00 | 16.92 -0.45 0.00 | 16.41 -0.47 0.00 | 12.31 -0.36 -0.27 | 15.39 -0.48 -0.05 | 17.04 -0.45 0.00 | 19.25 -0.45 0.00 | 20.44 -0.44 0.00 | 22.54 -0.48 0.00 | 20.25 -0.40 0.00 | 20.03 -0.46 0.00 | 17.26 -0.39 0.00 |
| SENECA___115KV_TB3 355854 | 18.43 -0.36 0.00 | 17.56 -0.39 0.00 | 14.64 -0.43 -0.47 | 9.03 -0.23 -1.71 | 15.65 -0.48 -0.01 | 15.23 -0.43 0.00 | 18.88 -0.39 0.00 | 16.95 -0.57 0.23 | 11.01 -0.39 0.00 | -2.60 -0.18 0.00 | 18.12 -0.69 0.00 | 18.68 -0.78 -0.22 | 17.86 -0.73 0.00 | 16.66 -0.73 -0.02 | 16.04 -0.85 -0.01 | 12.15 -0.75 -0.50 | 14.87 -1.04 -0.09 | 16.61 -0.87 0.00 | 18.80 -0.90 0.00 | 19.98 -0.90 0.00 | 22.03 -0.99 0.00 | 19.97 -0.67 0.00 | 19.77 -0.72 0.00 | 17.14 -0.51 0.00 |
| SENECA___ENERGY 23797 | 18.60 -0.19 0.00 | 17.74 -0.21 0.00 | 14.77 -0.20 -0.37 | 8.79 -0.10 -1.34 | 15.96 -0.17 -0.01 | 15.56 -0.10 0.00 | 19.28 0.02 0.00 | 19.07 -0.08 -1.41 | 11.15 -0.24 0.00 | -2.45 -0.03 0.00 | 18.33 -0.48 0.00 | 18.70 -0.54 0.00 | 18.08 -0.50 0.00 | 16.88 -0.48 0.00 | 16.37 -0.52 0.00 | 12.36 -0.41 -0.36 | 15.32 -0.56 -0.07 | 17.01 -0.48 0.00 | 19.27 -0.43 0.00 | 20.44 -0.44 0.00 | 22.56 -0.46 0.00 | 20.28 -0.37 0.00 | 20.02 -0.48 0.00 | 17.25 -0.40 0.00 |
| SHOEMAKER___GT 23640 | 19.51 0.72 0.00 | 18.63 0.68 0.00 | 17.44 0.57 -2.27 | 16.10 0.29 -8.25 | 16.78 0.60 -0.06 | 16.26 0.60 0.00 | 20.05 0.78 0.00 | 18.50 0.75 0.00 | -6.70 0.52 18.60 | -51.67 -0.04 49.22 | 19.65 0.84 0.00 | 20.09 0.86 0.00 | 19.46 0.88 0.00 | 18.23 0.86 0.00 | 17.75 0.87 0.00 | 15.53 0.66 -2.47 | 17.11 0.85 -0.45 | 18.39 0.91 0.00 | 20.69 0.99 0.00 | 21.89 1.01 0.00 | 24.14 1.12 0.00 | 21.63 0.98 0.00 | 21.46 0.96 0.00 | 18.46 0.81 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 19.50 0.70 0.00 | 18.63 0.68 0.00 | 17.42 0.56 -2.26 | 16.04 0.28 -8.20 | 16.78 0.60 -0.06 | 16.25 0.59 0.00 | 20.03 0.76 0.00 | 18.49 0.74 0.00 | -5.81 0.51 17.71 | -49.30 -0.03 46.85 | 19.65 0.84 0.00 | 20.10 0.86 0.00 | 19.47 0.89 0.00 | 18.25 0.88 0.00 | 17.76 0.88 0.00 | 15.51 0.67 -2.45 | 17.11 0.85 -0.44 | 18.39 0.90 0.00 | 20.69 0.99 0.00 | 21.88 1.00 0.00 | 24.12 1.11 0.00 | 21.62 0.97 0.00 | 21.45 0.95 0.00 | 18.45 0.81 0.00 |
| SHOREHAM_IC_1 23715 | 20.18 1.39 0.00 | 19.32 1.37 0.00 | 18.32 1.22 -2.50 | 17.25 0.62 -9.07 | 18.31 1.35 -0.85 | 18.63 1.18 -1.79 | 20.52 1.25 0.00 | 18.85 1.11 0.00 | 30.05 0.81 -17.84 | 44.83 0.05 -47.19 | 19.73 0.92 0.00 | 20.10 0.87 0.00 | 19.45 0.88 0.01 | 16.74 0.90 1.53 | 17.15 0.87 0.61 | 37.61 0.74 -24.47 | 17.27 0.96 -0.49 | 18.36 0.88 0.00 | 20.64 0.94 0.00 | 21.96 1.08 0.00 | 24.34 1.33 0.00 | 21.73 1.08 0.00 | 21.71 1.22 0.00 | 18.89 1.24 0.00 |
| SHOREHAM_IC_2 23716 | 20.18 1.39 0.00 | 19.32 1.37 0.00 | 18.32 1.22 -2.50 | 17.25 0.62 -9.07 | 18.31 1.35 -0.85 | 18.63 1.18 -1.79 | 20.52 1.25 0.00 | 18.85 1.11 0.00 | 30.05 0.81 -17.84 | 44.83 0.05 -47.19 | 19.73 0.92 0.00 | 20.10 0.87 0.00 | 19.45 0.88 0.01 | 16.74 0.90 1.53 | 17.15 0.87 0.61 | 37.61 0.74 -24.47 | 17.27 0.96 -0.49 | 18.36 0.88 0.00 | 20.64 0.94 0.00 | 21.96 1.08 0.00 | 24.34 1.33 0.00 | 21.73 1.08 0.00 | 21.71 1.22 0.00 | 18.89 1.24 0.00 |
| SISSONVILLE___ 23735 | 18.65 -0.14 0.00 | 17.75 -0.20 0.00 | 14.46 -0.14 0.00 | 7.48 -0.07 0.00 | 16.00 -0.12 0.00 | 15.56 -0.09 0.00 | 19.14 -0.12 0.00 | 21.56 -0.08 -3.89 | 11.36 -0.03 0.00 | -2.44 -0.02 0.00 | 18.80 -0.01 0.00 | 19.09 -0.14 0.00 | 18.41 -0.17 0.00 | 17.03 -0.34 0.00 | 16.37 -0.52 0.00 | 12.02 -0.37 0.00 | 15.35 -0.46 0.00 | 16.90 -0.58 0.00 | 19.06 -0.64 0.00 | 20.28 -0.61 0.00 | 22.51 -0.50 0.00 | 20.42 -0.23 0.00 | 20.36 -0.14 0.00 | 17.50 -0.14 0.00 |

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| SITHE_IND_GS1 24169 | 18.17 -0.63 0.00 | 17.33 -0.62 0.00 | 14.29 -0.53 -0.22 | 8.07 -0.27 -0.80 | 15.55 -0.57 -0.01 | 15.12 -0.53 0.00 | 18.67 -0.60 0.00 | 17.15 -0.60 0.00 | 10.99 -0.40 0.00 | -2.38 0.04 0.00 | 18.11 -0.71 0.00 | 18.50 -0.73 0.00 | 17.87 -0.70 0.00 | 16.72 -0.65 0.00 | 16.23 -0.65 0.00 | 12.13 -0.50 -0.23 | 15.20 -0.65 -0.04 | 16.83 -0.65 0.00 | 19.02 -0.69 0.00 | 20.17 -0.71 0.00 | 22.24 -0.78 0.00 | 19.98 -0.67 0.00 | 19.78 -0.72 0.00 | 17.04 -0.61 0.00 |
| SITHE_IND_GS2 24170 | 18.17 -0.63 0.00 | 17.33 -0.62 0.00 | 14.29 -0.53 -0.22 | 8.07 -0.27 -0.80 | 15.55 -0.57 -0.01 | 15.12 -0.53 0.00 | 18.67 -0.60 0.00 | 17.15 -0.60 0.00 | 10.99 -0.40 0.00 | -2.38 0.04 0.00 | 18.11 -0.71 0.00 | 18.50 -0.73 0.00 | 17.87 -0.70 0.00 | 16.72 -0.65 0.00 | 16.23 -0.65 0.00 | 12.13 -0.50 -0.23 | 15.20 -0.65 -0.04 | 16.83 -0.65 0.00 | 19.02 -0.69 0.00 | 20.17 -0.71 0.00 | 22.24 -0.78 0.00 | 19.98 -0.67 0.00 | 19.78 -0.72 0.00 | 17.04 -0.61 0.00 |
| SITHE_IND_GS3 24171 | 18.17 -0.63 0.00 | 17.33 -0.62 0.00 | 14.29 -0.53 -0.22 | 8.07 -0.27 -0.80 | 15.55 -0.57 -0.01 | 15.12 -0.53 0.00 | 18.67 -0.60 0.00 | 17.15 -0.60 0.00 | 10.99 -0.40 0.00 | -2.38 0.04 0.00 | 18.11 -0.71 0.00 | 18.50 -0.73 0.00 | 17.87 -0.70 0.00 | 16.72 -0.65 0.00 | 16.23 -0.65 0.00 | 12.13 -0.50 -0.23 | 15.20 -0.65 -0.04 | 16.83 -0.65 0.00 | 19.02 -0.69 0.00 | 20.17 -0.71 0.00 | 22.24 -0.78 0.00 | 19.98 -0.67 0.00 | 19.78 -0.72 0.00 | 17.04 -0.61 0.00 |
| SITHE_IND_GS4 24172 | 18.17 -0.63 0.00 | 17.33 -0.62 0.00 | 14.29 -0.53 -0.22 | 8.07 -0.27 -0.80 | 15.55 -0.57 -0.01 | 15.12 -0.53 0.00 | 18.67 -0.60 0.00 | 17.15 -0.60 0.00 | 10.99 -0.40 0.00 | -2.38 0.04 0.00 | 18.11 -0.71 0.00 | 18.50 -0.73 0.00 | 17.87 -0.70 0.00 | 16.72 -0.65 0.00 | 16.23 -0.65 0.00 | 12.13 -0.50 -0.23 | 15.20 -0.65 -0.04 | 16.83 -0.65 0.00 | 19.02 -0.69 0.00 | 20.17 -0.71 0.00 | 22.24 -0.78 0.00 | 19.98 -0.67 0.00 | 19.78 -0.72 0.00 | 17.04 -0.61 0.00 |
| SITHE___BATAVIA 24024 | 18.73 -0.07 0.00 | 17.83 -0.12 0.00 | 14.78 -0.18 -0.35 | 8.74 -0.09 -1.28 | 15.93 -0.20 -0.01 | 15.57 -0.09 0.00 | 19.30 0.03 0.00 | 17.19 -0.13 0.42 | 11.25 -0.15 0.00 | -2.54 -0.12 0.00 | 18.29 -0.52 0.00 | 18.63 -0.58 0.02 | 18.02 -0.56 0.00 | 16.84 -0.52 0.00 | 16.26 -0.62 0.00 | 12.23 -0.53 -0.37 | 15.19 -0.70 -0.07 | 16.93 -0.55 0.00 | 19.30 -0.40 0.00 | 20.63 -0.25 0.00 | 22.80 -0.21 0.00 | 20.57 -0.08 0.00 | 20.35 -0.15 0.00 | 17.54 -0.11 0.00 |
| SITHE___INDEPEND 23800 | 18.17 -0.63 0.00 | 17.33 -0.62 0.00 | 14.29 -0.53 -0.22 | 8.08 -0.27 -0.80 | 15.55 -0.58 -0.01 | 15.12 -0.54 0.00 | 18.67 -0.60 0.00 | 17.15 -0.60 0.00 | 10.99 -0.40 0.00 | -2.38 0.04 0.00 | 18.11 -0.70 0.00 | 18.50 -0.73 0.00 | 17.87 -0.70 0.00 | 16.71 -0.65 0.00 | 16.23 -0.65 0.00 | 12.13 -0.50 -0.23 | 15.20 -0.65 -0.04 | 16.84 -0.65 0.00 | 19.02 -0.69 0.00 | 20.17 -0.71 0.00 | 22.24 -0.78 0.00 | 19.98 -0.67 0.00 | 19.78 -0.72 0.00 | 17.04 -0.61 0.00 |
| SITHE___MASSENA 23902 | 18.67 -0.12 0.00 | 17.81 -0.14 0.00 | 14.50 -0.10 0.00 | 7.50 -0.05 0.00 | 16.02 -0.10 0.00 | 15.56 -0.09 0.00 | 19.09 -0.18 0.00 | 21.53 -0.11 -3.89 | 11.37 -0.03 0.00 | -2.44 -0.02 0.00 | 18.82 0.01 0.00 | 19.13 -0.10 0.00 | 18.46 -0.12 0.00 | 17.15 -0.21 0.00 | 16.63 -0.25 0.00 | 12.21 -0.19 0.00 | 15.60 -0.21 0.00 | 17.22 -0.27 0.00 | 19.39 -0.31 0.00 | 20.57 -0.31 0.00 | 22.71 -0.30 0.00 | 20.44 -0.21 0.00 | 20.33 -0.16 0.00 | 17.50 -0.15 0.00 |
| SITHE___OGDNSBRG 24021 | 18.84 0.05 0.00 | 17.95 0.00 0.00 | 14.62 0.02 0.00 | 7.57 0.02 0.00 | 16.19 0.06 0.00 | 15.73 0.08 0.00 | 19.34 0.07 0.00 | 21.72 0.08 -3.89 | 11.46 0.07 0.00 | -2.45 -0.03 0.00 | 18.99 0.18 0.00 | 19.27 0.04 0.00 | 18.59 0.01 0.00 | 17.23 -0.13 0.00 | 16.65 -0.23 0.00 | 12.22 -0.17 0.00 | 15.62 -0.20 0.00 | 17.23 -0.26 0.00 | 19.42 -0.28 0.00 | 20.65 -0.23 0.00 | 22.90 -0.12 0.00 | 20.68 0.03 0.00 | 20.54 0.05 0.00 | 17.67 0.02 0.00 |
| SITHE___STERLING 23777 | 19.12 0.33 0.00 | 18.25 0.30 0.00 | 15.00 0.22 -0.18 | 8.31 0.12 -0.64 | 16.42 0.30 0.00 | 15.96 0.30 0.00 | 19.73 0.46 0.00 | 18.34 0.36 -0.23 | 11.58 0.18 0.00 | -2.48 -0.07 0.00 | 19.07 0.26 0.00 | 19.47 0.23 0.00 | 18.80 0.22 0.00 | 17.61 0.24 0.00 | 17.09 0.21 0.00 | 12.73 0.14 -0.19 | 16.03 0.18 -0.03 | 17.76 0.27 0.00 | 20.08 0.37 0.00 | 21.38 0.50 0.00 | 23.61 0.59 0.00 | 21.20 0.55 0.00 | 20.96 0.47 0.00 | 18.07 0.42 0.00 |
| SLEIGHT___34_KV_TB1 80719 | 18.85 0.05 0.00 | 17.93 -0.02 0.00 | 14.92 -0.03 -0.35 | 8.81 -0.02 -1.27 | 16.14 0.01 -0.01 | 15.71 0.05 0.00 | 19.51 0.24 0.00 | 17.92 0.18 0.00 | 11.44 0.05 0.00 | -2.51 -0.09 0.00 | 18.78 -0.03 0.00 | 19.14 -0.09 0.00 | 18.50 -0.08 0.00 | 17.28 -0.09 0.00 | 16.75 -0.13 0.00 | 12.64 -0.13 -0.37 | 15.69 -0.20 -0.07 | 17.43 -0.05 0.00 | 19.75 0.05 0.00 | 20.97 0.09 0.00 | 23.13 0.12 0.00 | 20.79 0.14 0.00 | 20.48 -0.02 0.00 | 17.67 0.02 0.00 |
| SOUTH CAIRO___GT 23612 | 20.06 1.27 0.00 | 19.15 1.20 0.00 | 18.51 0.99 -2.92 | 18.64 0.51 -10.58 | 17.29 1.09 -0.08 | 16.72 1.07 0.00 | 20.56 1.29 0.00 | 18.94 1.20 0.00 | 11.98 0.59 0.00 | -2.49 -0.07 0.00 | 19.41 0.60 0.00 | 19.84 0.60 0.00 | 19.14 0.57 0.00 | 17.96 0.60 0.00 | 17.51 0.63 0.00 | 16.07 0.51 -3.16 | 17.12 0.74 -0.57 | 18.46 0.97 0.00 | 20.86 1.16 0.00 | 22.21 1.33 0.00 | 24.51 1.49 0.00 | 21.94 1.29 0.00 | 21.72 1.22 0.00 | 18.68 1.03 0.00 |
| SOUTH HAMPTN___IC 23720 | 20.54 1.75 0.00 | 19.67 1.71 0.00 | 18.60 1.50 -2.50 | 17.40 0.78 -9.07 | 18.62 1.65 -0.85 | 18.98 1.53 -1.79 | 20.99 1.72 0.00 | 19.29 1.55 0.00 | 30.33 1.09 -17.84 | 44.76 -0.01 -47.19 | 20.22 1.41 0.00 | 20.60 1.37 0.00 | 19.92 1.35 0.01 | 17.22 1.33 1.47 | 17.58 1.28 0.58 | 37.92 1.04 -24.47 | 17.67 1.36 -0.49 | 18.82 1.33 0.00 | 21.16 1.46 0.00 | 22.50 1.62 0.00 | 24.93 1.92 0.00 | 22.25 1.60 0.00 | 22.21 1.71 0.00 | 19.25 1.60 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 19.19 0.39 0.00 | 18.32 0.37 0.00 | 15.30 0.20 -0.50 | 9.49 0.11 -1.83 | 16.44 0.30 -0.01 | 16.02 0.37 0.00 | 19.99 0.72 0.00 | 18.19 0.52 0.07 | 11.72 0.33 0.00 | -2.77 -0.35 0.00 | 19.62 0.81 0.00 | 20.16 0.72 -0.21 | 19.29 0.71 0.00 | 18.02 0.63 -0.02 | 17.31 0.42 -0.01 | 12.93 0.01 -0.53 | 15.83 -0.08 -0.10 | 17.61 0.13 0.00 | 19.87 0.16 0.00 | 21.06 0.18 0.00 | 23.22 0.20 0.00 | 20.98 0.33 0.00 | 20.73 0.23 0.00 | 17.95 0.30 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 20.78 1.99 0.00 | 19.91 1.96 0.00 | 18.81 1.71 -2.50 | 17.50 0.87 -9.07 | 18.85 1.88 -0.85 | 19.23 1.78 -1.79 | 21.30 2.04 0.00 | 19.58 1.84 0.00 | 30.51 1.28 -17.84 | 44.72 -0.05 -47.19 | 20.51 1.70 0.00 | 20.89 1.66 0.00 | 20.18 1.61 0.01 | 17.47 1.57 1.47 | 17.80 1.50 0.58 | 38.09 1.22 -24.47 | 17.90 1.59 -0.49 | 19.08 1.60 0.00 | 21.48 1.77 0.00 | 22.85 1.96 0.00 | 25.31 2.29 0.00 | 22.58 1.93 0.00 | 22.55 2.05 0.00 | 19.48 1.83 0.00 |
| SOUTHOLD___IC 23719 | 20.79 2.00 0.00 | 19.90 1.95 0.00 | 18.79 1.69 -2.50 | 17.51 0.88 -9.07 | 18.84 1.87 -0.85 | 19.22 1.77 -1.79 | 21.30 2.04 0.00 | 19.58 1.84 0.00 | 30.51 1.28 -17.84 | 44.72 -0.05 -47.19 | 20.51 1.70 0.00 | 20.89 1.66 0.00 | 20.18 1.61 0.01 | 17.46 1.56 1.47 | 17.80 1.51 0.58 | 38.09 1.22 -24.47 | 17.90 1.59 -0.49 | 19.09 1.60 0.00 | 21.48 1.77 0.00 | 22.85 1.96 0.00 | 25.31 2.29 0.00 | 22.59 1.93 0.00 | 22.53 2.03 0.00 | 19.48 1.83 0.00 |

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|--|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SPIERFLS_115KV_TB 1 80737 | 19.83 1.04 0.00 | 18.90 0.95 0.00 | 18.72 0.89 -3.23 | 19.75 0.47 -11.73 | 17.21 1.00 -0.09 | 16.70 1.04 0.00 | 20.58 1.31 0.00 | 18.94 1.19 0.00 | 15.88 0.72 -3.77 | 7.42 -0.14 -9.97 | 20.00 1.19 0.00 | 20.47 1.24 0.00 | 19.63 1.05 0.00 | 18.38 1.02 0.00 | 17.86 0.97 0.00 | 16.64 0.74 -3.50 | 17.37 0.93 -0.63 | 18.57 1.08 0.00 | 20.97 1.27 0.00 | 22.20 1.32 0.00 | 24.47 1.45 0.00 | 21.98 1.33 0.00 | 21.84 1.34 0.00 | 18.76 1.11 0.00 |
| ST LAWRENCE____ 23600 | 18.47 -0.33 0.00 | 17.62 -0.33 0.00 | 14.35 -0.25 0.00 | 7.42 -0.13 0.00 | 15.84 -0.28 0.00 | 15.39 -0.27 0.00 | 18.89 -0.38 0.00 | 17.04 -0.36 0.35 | 11.17 -0.23 0.00 | -2.38 0.04 0.00 | 18.51 -0.30 0.00 | 18.92 -0.31 0.00 | 18.26 -0.32 0.00 | 16.99 -0.38 0.00 | 16.51 -0.37 0.00 | 12.12 -0.28 0.00 | 15.49 -0.32 0.00 | 17.09 -0.40 0.00 | 19.23 -0.47 0.00 | 20.40 -0.48 0.00 | 22.49 -0.53 0.00 | 20.20 -0.45 0.00 | 20.08 -0.42 0.00 | 17.28 -0.37 0.00 |
| STATE_CA_115KV_115_LB 55624 | 19.62 0.82 0.00 | 18.76 0.81 0.00 | 18.43 0.67 -3.16 | 19.35 0.34 -11.46 | 16.92 0.71 -0.09 | 16.30 0.65 0.00 | 20.02 0.76 0.00 | 18.45 0.71 0.00 | 15.61 0.37 -3.85 | 7.73 -0.03 -10.17 | 19.25 0.44 0.00 | 19.70 0.47 0.00 | 19.02 0.45 0.00 | 17.86 0.49 0.00 | 17.41 0.53 0.00 | 16.26 0.44 -3.43 | 16.99 0.55 -0.62 | 18.14 0.65 0.00 | 20.42 0.71 0.00 | 21.60 0.72 0.00 | 23.76 0.74 0.00 | 21.27 0.63 0.00 | 21.11 0.61 0.00 | 18.21 0.56 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 18.94 0.15 0.00 | 17.99 0.04 0.00 | 15.02 0.05 -0.37 | 8.92 0.03 -1.33 | 16.22 0.09 -0.01 | 15.87 0.22 0.00 | 19.68 0.41 0.00 | 18.66 0.32 -0.60 | 11.50 0.10 0.00 | -2.51 -0.09 0.00 | 18.96 0.15 0.00 | 19.32 0.09 0.00 | 18.68 0.10 0.00 | 17.42 0.05 0.00 | 16.91 0.03 0.00 | 12.79 0.01 -0.38 | 15.85 -0.03 -0.07 | 17.60 0.11 0.00 | 19.94 0.23 0.00 | 21.14 0.25 0.00 | 23.34 0.32 0.00 | 20.96 0.31 0.00 | 20.63 0.13 0.00 | 17.69 0.04 0.00 |
| STATION 5_MISC_HYD 23604 | 18.39 -0.40 0.00 | 17.50 -0.45 0.00 | 14.51 -0.45 -0.35 | 8.60 -0.23 -1.28 | 15.63 -0.50 -0.01 | 15.25 -0.40 0.00 | 18.87 -0.40 0.00 | 16.83 -0.51 0.41 | 11.03 -0.36 0.00 | -2.51 -0.09 0.00 | 18.09 -0.72 0.00 | 18.44 -0.77 0.02 | 17.85 -0.73 0.00 | 16.67 -0.69 0.00 | 16.11 -0.77 0.00 | 12.14 -0.63 -0.37 | 15.04 -0.84 -0.07 | 16.76 -0.73 0.00 | 19.02 -0.68 0.00 | 20.21 -0.67 0.00 | 22.30 -0.72 0.00 | 20.12 -0.53 0.00 | 19.90 -0.60 0.00 | 17.14 -0.51 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 18.56 -0.23 0.00 | 17.68 -0.26 0.00 | 14.67 -0.28 -0.35 | 8.69 -0.14 -1.28 | 15.85 -0.28 -0.01 | 15.43 -0.22 0.00 | 19.13 -0.13 0.00 | 16.50 -0.24 1.01 | 11.15 -0.25 0.00 | -2.49 -0.07 0.00 | 18.30 -0.51 0.00 | 18.65 -0.57 0.01 | 18.04 -0.54 0.00 | 16.85 -0.51 0.00 | 16.32 -0.56 0.00 | 12.28 -0.47 -0.35 | 15.25 -0.63 -0.06 | 16.98 -0.50 0.00 | 19.26 -0.45 0.00 | 20.46 -0.42 0.00 | 22.56 -0.46 0.00 | 20.31 -0.34 0.00 | 20.07 -0.43 0.00 | 17.30 -0.35 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 18.30 -0.49 0.00 | 17.42 -0.53 0.00 | 14.45 -0.50 -0.35 | 8.56 -0.26 -1.27 | 15.57 -0.56 -0.01 | 15.18 -0.48 0.00 | 18.79 -0.48 0.00 | 16.65 -0.58 0.52 | 10.99 -0.40 0.00 | -2.48 -0.06 0.00 | 18.04 -0.77 0.00 | 18.38 -0.83 0.02 | 17.80 -0.78 0.00 | 16.62 -0.74 0.00 | 16.07 -0.81 0.00 | 12.11 -0.65 -0.36 | 15.01 -0.87 -0.06 | 16.72 -0.76 0.00 | 18.97 -0.73 0.00 | 20.16 -0.72 0.00 | 22.23 -0.79 0.00 | 20.04 -0.61 0.00 | 19.82 -0.68 0.00 | 17.08 -0.57 0.00 |
| STA_56____34_KV_BUS2 355983 | 18.30 -0.49 0.00 | 17.42 -0.53 0.00 | 14.45 -0.50 -0.35 | 8.56 -0.26 -1.27 | 15.57 -0.56 -0.01 | 15.18 -0.48 0.00 | 18.79 -0.48 0.00 | 16.65 -0.58 0.52 | 10.99 -0.40 0.00 | -2.48 -0.06 0.00 | 18.04 -0.77 0.00 | 18.38 -0.83 0.02 | 17.80 -0.78 0.00 | 16.62 -0.74 0.00 | 16.07 -0.81 0.00 | 12.11 -0.65 -0.36 | 15.01 -0.87 -0.06 | 16.72 -0.76 0.00 | 18.97 -0.73 0.00 | 20.16 -0.72 0.00 | 22.23 -0.79 0.00 | 20.04 -0.61 0.00 | 19.82 -0.68 0.00 | 17.08 -0.57 0.00 |
| STA_67____115KV_BK2 355882 | 18.35 -0.44 0.00 | 17.47 -0.48 0.00 | 14.49 -0.47 -0.35 | 8.59 -0.24 -1.28 | 15.61 -0.52 -0.01 | 15.22 -0.44 0.00 | 18.83 -0.43 0.00 | 16.79 -0.55 0.40 | 11.00 -0.39 0.00 | -2.49 -0.07 0.00 | 18.06 -0.75 0.00 | 18.39 -0.82 0.02 | 17.81 -0.77 0.00 | 16.63 -0.74 0.00 | 16.07 -0.81 0.00 | 12.12 -0.65 -0.37 | 15.01 -0.87 -0.07 | 16.73 -0.75 0.00 | 18.98 -0.73 0.00 | 20.17 -0.71 0.00 | 22.24 -0.77 0.00 | 20.07 -0.58 0.00 | 19.85 -0.65 0.00 | 17.12 -0.53 0.00 |
| STA_7____115KV_9TRANS 80674 | 18.47 -0.32 0.00 | 17.58 -0.37 0.00 | 14.57 -0.38 -0.35 | 8.63 -0.20 -1.28 | 15.70 -0.43 -0.01 | 15.32 -0.34 0.00 | 18.97 -0.30 0.00 | 16.91 -0.43 0.41 | 11.08 -0.31 0.00 | -2.51 -0.09 0.00 | 18.18 -0.63 0.00 | 18.52 -0.68 0.02 | 17.94 -0.64 0.00 | 16.75 -0.61 0.00 | 16.19 -0.69 0.00 | 12.20 -0.56 -0.37 | 15.12 -0.76 -0.07 | 16.86 -0.62 0.00 | 19.13 -0.57 0.00 | 20.34 -0.54 0.00 | 22.43 -0.59 0.00 | 20.24 -0.42 0.00 | 20.01 -0.49 0.00 | 17.23 -0.42 0.00 |
| STA_82____115KV_TB1 80780 | 18.36 -0.43 0.00 | 17.47 -0.48 0.00 | 14.49 -0.46 -0.35 | 8.60 -0.24 -1.28 | 15.61 -0.52 -0.01 | 15.22 -0.43 0.00 | 18.85 -0.42 0.00 | 16.79 -0.54 0.41 | 11.01 -0.38 0.00 | -2.49 -0.07 0.00 | 18.07 -0.74 0.00 | 18.40 -0.81 0.02 | 17.82 -0.76 0.00 | 16.63 -0.73 0.00 | 16.08 -0.80 0.00 | 12.12 -0.65 -0.37 | 15.01 -0.87 -0.07 | 16.74 -0.75 0.00 | 18.99 -0.71 0.00 | 20.19 -0.69 0.00 | 22.26 -0.76 0.00 | 20.09 -0.56 0.00 | 19.87 -0.63 0.00 | 17.12 -0.52 0.00 |
| STEEL____WIND 323596 | 18.41 -0.38 0.00 | 17.55 -0.40 0.00 | 14.63 -0.44 -0.47 | 9.02 -0.24 -1.71 | 15.64 -0.49 -0.01 | 15.22 -0.43 0.00 | 18.87 -0.40 0.00 | 16.93 -0.58 0.23 | 10.99 -0.40 0.00 | -2.62 -0.20 0.00 | 18.10 -0.71 0.00 | 18.66 -0.80 -0.22 | 17.83 -0.75 0.00 | 16.65 -0.74 -0.02 | 16.01 -0.88 -0.01 | 12.13 -0.76 -0.50 | 14.86 -1.05 -0.09 | 16.56 -0.92 0.00 | 18.77 -0.93 0.00 | 19.96 -0.92 0.00 | 22.00 -1.02 0.00 | 19.95 -0.70 0.00 | 19.76 -0.74 0.00 | 17.11 -0.54 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 19.66 0.86 0.00 | 18.70 0.75 0.00 | 18.31 0.62 -3.09 | 19.11 0.33 -11.23 | 16.87 0.66 -0.08 | 16.27 0.61 0.00 | 20.03 0.76 0.00 | 18.47 0.73 0.00 | 15.74 0.38 -3.97 | 8.08 0.00 -10.49 | 19.29 0.48 0.00 | 19.73 0.50 0.00 | 19.12 0.54 0.00 | 17.87 0.51 0.00 | 17.43 0.55 0.00 | 16.18 0.43 -3.35 | 16.99 0.57 -0.61 | 18.19 0.71 0.00 | 20.52 0.82 0.00 | 21.65 0.77 0.00 | 23.92 0.90 0.00 | 21.35 0.69 0.00 | 21.18 0.68 0.00 | 18.30 0.65 0.00 |
| STEBEN_REC_LFGE 323667 | 19.00 0.21 0.00 | 18.16 0.21 0.00 | 15.34 0.17 -0.57 | 9.78 0.17 -2.06 | 16.65 0.52 -0.02 | 16.25 0.59 0.00 | 20.27 1.00 0.00 | 19.23 0.84 -0.65 | 12.03 0.64 0.00 | -2.73 -0.31 0.00 | 19.71 0.90 0.00 | 20.11 0.82 -0.06 | 19.32 0.74 0.00 | 18.11 0.73 -0.01 | 17.46 0.58 0.00 | 13.36 0.30 -0.66 | 16.27 0.33 -0.12 | 18.06 0.58 0.00 | 20.35 0.65 0.00 | 21.61 0.73 0.00 | 23.97 0.95 0.00 | 21.62 0.97 0.00 | 21.31 0.81 0.00 | 18.38 0.73 0.00 |
| STONY____BROOK 24151 | 20.31 1.52 0.00 | 19.40 1.45 0.00 | 18.36 1.26 -2.50 | 17.28 0.65 -9.07 | 18.32 1.35 -0.85 | 18.74 1.29 -1.79 | 20.72 1.45 0.00 | 19.09 1.34 0.00 | 30.17 0.94 -17.84 | 44.80 0.03 -47.19 | 20.08 1.27 0.00 | 20.48 1.25 0.00 | 19.84 1.27 0.01 | 16.74 1.25 1.87 | 17.34 1.20 0.75 | 37.85 0.97 -24.47 | 17.56 1.25 -0.49 | 18.67 1.18 0.00 | 21.00 1.29 0.00 | 22.35 1.47 0.00 | 24.78 1.76 0.00 | 22.13 1.48 0.00 | 22.10 1.60 0.00 | 19.12 1.47 0.00 |

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|--|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| STURGEON_POOL_HYD 23609 | 19.60 0.81 0.00 | 18.73 0.78 0.00 | 17.76 0.63 -2.52 | 17.02 0.32 -9.15 | 16.89 0.70 -0.07 | 16.32 0.66 0.00 | 20.14 0.87 0.00 | 18.61 0.86 0.00 | 12.04 0.64 0.00 | -2.43 -0.01 0.00 | 19.98 1.16 0.00 | 20.45 1.22 0.00 | 19.86 1.28 0.00 | 18.61 1.25 0.00 | 18.14 1.26 0.00 | 16.07 0.94 -2.74 | 17.53 1.22 -0.49 | 18.74 1.26 0.00 | 21.05 1.34 0.00 | 22.23 1.35 0.00 | 24.52 1.51 0.00 | 21.94 1.29 0.00 | 21.75 1.26 0.00 | 18.74 1.09 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 19.57 0.78 0.00 | 18.70 0.75 0.00 | 17.55 0.62 -2.32 | 16.31 0.31 -8.44 | 16.86 0.67 -0.06 | 16.29 0.63 0.00 | 20.08 0.81 0.00 | 18.54 0.80 0.00 | -9.64 0.56 21.59 | -59.56 -0.03 57.12 | 19.76 0.94 0.00 | 20.22 0.99 0.00 | 19.60 1.02 0.00 | 18.37 1.00 0.00 | 17.89 1.01 0.00 | 15.68 0.76 -2.52 | 17.23 0.96 -0.45 | 18.50 1.02 0.00 | 20.81 1.10 0.00 | 22.00 1.11 0.00 | 24.23 1.22 0.00 | 21.69 1.04 0.00 | 21.53 1.03 0.00 | 18.55 0.90 0.00 |
| SWANROAD_115KV_TB1 355699 | 17.71 -1.08 0.00 | 16.83 -1.12 0.00 | 14.01 -1.02 -0.44 | 8.59 -0.54 -1.57 | 14.97 -1.16 -0.01 | 14.57 -1.09 0.00 | 18.03 -1.24 0.00 | 16.07 -1.40 0.27 | 10.46 -0.93 0.00 | -2.48 -0.06 0.00 | 17.07 -1.74 0.00 | 17.34 -1.88 0.01 | 16.81 -1.77 0.00 | 15.68 -1.69 0.00 | 15.12 -1.76 0.00 | 11.48 -1.37 -0.46 | 14.05 -1.85 -0.08 | 15.73 -1.75 0.00 | 17.84 -1.86 0.00 | 19.01 -1.87 0.00 | 20.93 -2.08 0.00 | 19.06 -1.60 0.00 | 18.90 -1.60 0.00 | 16.41 -1.24 0.00 |
| SYNERGY___BIOGAS 323694 | 18.73 -0.07 0.00 | 17.83 -0.12 0.00 | 14.78 -0.18 -0.35 | 8.74 -0.09 -1.28 | 15.93 -0.20 -0.01 | 15.57 -0.09 0.00 | 19.30 0.03 0.00 | 17.19 -0.13 0.42 | 11.25 -0.15 0.00 | -2.54 -0.12 0.00 | 18.29 -0.52 0.00 | 18.63 -0.58 0.02 | 18.02 -0.56 0.00 | 16.84 -0.52 0.00 | 16.26 -0.62 0.00 | 12.23 -0.53 -0.37 | 15.19 -0.70 -0.07 | 16.93 -0.55 0.00 | 19.30 -0.40 0.00 | 20.63 -0.25 0.00 | 22.80 -0.21 0.00 | 20.57 -0.08 0.00 | 20.35 -0.15 0.00 | 17.54 -0.11 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 18.63 -0.17 0.00 | 17.76 -0.19 0.00 | 14.72 -0.18 -0.31 | 8.57 -0.10 -1.11 | 15.96 -0.16 -0.01 | 15.52 -0.13 0.00 | 19.19 -0.08 0.00 | 17.92 -0.12 -0.30 | 11.29 -0.11 0.00 | -2.45 -0.03 0.00 | 18.59 -0.22 0.00 | 18.99 -0.25 0.00 | 18.35 -0.23 0.00 | 17.16 -0.21 0.00 | 16.65 -0.23 0.00 | 12.53 -0.19 -0.33 | 15.61 -0.26 -0.06 | 17.30 -0.19 0.00 | 19.54 -0.16 0.00 | 20.73 -0.16 0.00 | 22.85 -0.16 0.00 | 20.52 -0.13 0.00 | 20.28 -0.22 0.00 | 17.48 -0.17 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 18.63 -0.17 0.00 | 17.76 -0.19 0.00 | 14.72 -0.18 -0.31 | 8.57 -0.10 -1.11 | 15.96 -0.16 -0.01 | 15.52 -0.13 0.00 | 19.19 -0.08 0.00 | 17.92 -0.12 -0.30 | 11.29 -0.11 0.00 | -2.45 -0.03 0.00 | 18.59 -0.22 0.00 | 18.99 -0.25 0.00 | 18.35 -0.23 0.00 | 17.16 -0.21 0.00 | 16.65 -0.23 0.00 | 12.53 -0.19 -0.33 | 15.61 -0.26 -0.06 | 17.30 -0.19 0.00 | 19.54 -0.16 0.00 | 20.73 -0.16 0.00 | 22.85 -0.16 0.00 | 20.52 -0.13 0.00 | 20.28 -0.22 0.00 | 17.48 -0.17 0.00 |
| SYRACUSE___POWER 24017 | 18.62 -0.17 0.00 | 17.76 -0.19 0.00 | 14.73 -0.18 -0.32 | 8.60 -0.09 -1.14 | 15.95 -0.18 -0.01 | 15.51 -0.15 0.00 | 19.18 -0.09 0.00 | 17.83 -0.13 -0.22 | 11.29 -0.10 0.00 | -2.46 -0.04 0.00 | 18.59 -0.22 0.00 | 18.99 -0.24 0.00 | 18.36 -0.22 0.00 | 17.17 -0.20 0.00 | 16.66 -0.22 0.00 | 12.55 -0.18 -0.34 | 15.63 -0.25 -0.06 | 17.30 -0.18 0.00 | 19.54 -0.15 0.00 | 20.74 -0.15 0.00 | 22.87 -0.14 0.00 | 20.53 -0.12 0.00 | 20.31 -0.19 0.00 | 17.49 -0.16 0.00 |
| TALLMAN__138KV_BK151 55660 | 19.67 0.88 0.00 | 18.79 0.84 0.00 | 17.69 0.70 -2.39 | 16.59 0.36 -8.68 | 16.94 0.76 -0.06 | 16.38 0.72 0.00 | 20.19 0.92 0.00 | 18.67 0.93 0.00 | -15.37 0.64 27.42 | -74.97 -0.03 72.53 | 19.93 1.12 0.00 | 20.41 1.18 0.00 | 19.80 1.22 0.00 | 18.55 1.19 0.00 | 18.06 1.18 0.00 | 15.88 0.88 -2.60 | 17.40 1.12 -0.47 | 18.66 1.17 0.00 | 20.98 1.28 0.00 | 22.16 1.28 0.00 | 24.41 1.39 0.00 | 21.84 1.19 0.00 | 21.68 1.18 0.00 | 18.66 1.02 0.00 |
| TEALLAVE_115KV_TB7 355573 | 18.52 -0.27 0.00 | 17.67 -0.28 0.00 | 14.61 -0.26 -0.27 | 8.40 -0.14 -0.98 | 15.86 -0.27 -0.01 | 15.42 -0.24 0.00 | 19.06 -0.21 0.00 | 17.63 -0.24 -0.13 | 11.23 -0.17 0.00 | -2.44 -0.02 0.00 | 18.49 -0.33 0.00 | 18.89 -0.34 0.00 | 18.25 -0.33 0.00 | 17.08 -0.29 0.00 | 16.57 -0.31 0.00 | 12.44 -0.25 -0.29 | 15.54 -0.33 -0.05 | 17.20 -0.28 0.00 | 19.43 -0.27 0.00 | 20.61 -0.27 0.00 | 22.72 -0.29 0.00 | 20.40 -0.25 0.00 | 20.19 -0.31 0.00 | 17.39 -0.26 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 18.14 -0.65 0.00 | 17.23 -0.71 0.00 | 14.33 -0.69 -0.42 | 8.71 -0.37 -1.53 | 15.35 -0.78 -0.01 | 14.95 -0.71 0.00 | 18.52 -0.75 0.00 | 16.53 -0.92 0.30 | 10.76 -0.63 0.00 | -2.53 -0.12 0.00 | 17.62 -1.19 0.00 | 17.86 -1.36 0.01 | 17.31 -1.27 0.00 | 16.14 -1.23 0.00 | 15.55 -1.33 0.00 | 11.80 -1.04 -0.44 | 14.47 -1.43 -0.08 | 16.22 -1.26 0.00 | 18.42 -1.28 0.00 | 19.62 -1.26 0.00 | 21.63 -1.38 0.00 | 19.64 -1.01 0.00 | 19.44 -1.05 0.00 | 16.86 -0.79 0.00 |
| TEMPLE___115KV_TB 2 55572 | 18.53 -0.26 0.00 | 17.68 -0.27 0.00 | 14.62 -0.26 -0.27 | 8.42 -0.13 -0.99 | 15.87 -0.26 -0.01 | 15.43 -0.23 0.00 | 19.07 -0.20 0.00 | 17.64 -0.23 -0.12 | 11.23 -0.16 0.00 | -2.44 -0.02 0.00 | 18.50 -0.31 0.00 | 18.91 -0.33 0.00 | 18.27 -0.31 0.00 | 17.09 -0.27 0.00 | 16.58 -0.29 0.00 | 12.46 -0.24 -0.29 | 15.55 -0.32 -0.05 | 17.22 -0.27 0.00 | 19.45 -0.25 0.00 | 20.62 -0.26 0.00 | 22.73 -0.28 0.00 | 20.42 -0.23 0.00 | 20.19 -0.30 0.00 | 17.40 -0.25 0.00 |
| TIANA____69_KV_BK 1 55817 | 20.45 1.65 0.00 | 19.58 1.63 0.00 | 18.53 1.43 -2.50 | 17.36 0.73 -9.07 | 18.55 1.58 -0.85 | 18.90 1.45 -1.79 | 20.87 1.60 0.00 | 19.19 1.44 0.00 | 30.26 1.02 -17.84 | 44.77 0.00 -47.19 | 20.12 1.30 0.00 | 20.50 1.27 0.00 | 19.82 1.25 0.01 | 17.14 1.24 1.47 | 17.49 1.20 0.58 | 37.85 0.98 -24.47 | 17.59 1.28 -0.49 | 18.72 1.24 0.00 | 21.06 1.35 0.00 | 22.39 1.51 0.00 | 24.81 1.80 0.00 | 22.14 1.50 0.00 | 22.13 1.63 0.00 | 19.17 1.52 0.00 |
| TILDEN___115KV_TB1 80814 | 18.62 -0.17 0.00 | 17.76 -0.19 0.00 | 14.73 -0.18 -0.32 | 8.60 -0.09 -1.14 | 15.95 -0.18 -0.01 | 15.51 -0.15 0.00 | 19.18 -0.09 0.00 | 17.83 -0.13 -0.22 | 11.29 -0.10 0.00 | -2.46 -0.04 0.00 | 18.59 -0.22 0.00 | 18.99 -0.24 0.00 | 18.36 -0.22 0.00 | 17.17 -0.20 0.00 | 16.66 -0.22 0.00 | 12.55 -0.18 -0.34 | 15.63 -0.25 -0.06 | 17.30 -0.18 0.00 | 19.54 -0.15 0.00 | 20.74 -0.15 0.00 | 22.87 -0.14 0.00 | 20.53 -0.12 0.00 | 20.31 -0.19 0.00 | 17.49 -0.16 0.00 |
| TRIGEN___CC 323695 | 20.04 1.25 0.00 | 19.14 1.19 0.00 | 18.12 1.02 -2.50 | 17.14 0.51 -9.07 | 17.96 1.10 -0.74 | 18.50 1.05 -1.79 | 20.53 1.26 0.00 | 18.95 1.21 0.00 | 30.08 0.85 -17.84 | 44.82 0.05 -47.19 | 20.23 1.42 0.00 | 20.69 1.46 0.00 | 20.06 1.48 0.00 | 18.81 1.45 0.00 | 18.28 1.40 0.00 | 37.94 1.07 -24.47 | 17.63 1.32 -0.49 | 18.77 1.29 0.00 | 21.05 1.35 0.00 | 22.31 1.43 0.00 | 24.66 1.64 0.00 | 22.05 1.40 0.00 | 21.98 1.48 0.00 | 18.96 1.32 0.00 |
| TRINITY__115KV__ 4 BK 55933 | 19.50 0.71 0.00 | 18.65 0.70 0.00 | 18.28 0.58 -3.10 | 19.09 0.30 -11.24 | 16.82 0.61 -0.08 | 16.21 0.55 0.00 | 19.89 0.62 0.00 | 18.33 0.59 0.00 | 15.71 0.31 -4.00 | 8.16 -0.02 -10.59 | 19.20 0.39 0.00 | 19.64 0.41 0.00 | 18.96 0.39 0.00 | 17.79 0.42 0.00 | 17.33 0.45 0.00 | 16.14 0.38 -3.36 | 16.90 0.47 -0.61 | 18.04 0.56 0.00 | 20.29 0.58 0.00 | 21.47 0.59 0.00 | 23.63 0.62 0.00 | 21.16 0.51 0.00 | 21.02 0.53 0.00 | 18.14 0.49 0.00 |

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|---|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| UNION___PROCESSING_DRP 323587 | 18.37 -0.43 0.00 | 17.48 -0.47 0.00 | 14.50 -0.45 -0.35 | 8.60 -0.24 -1.28 | 15.61 -0.52 -0.01 | 15.23 -0.43 0.00 | 18.85 -0.42 0.00 | 16.80 -0.53 0.42 | 11.02 -0.38 0.00 | -2.49 -0.07 0.00 | 18.07 -0.74 0.00 | 18.41 -0.80 0.02 | 17.82 -0.75 0.00 | 16.64 -0.72 0.00 | 16.09 -0.79 0.00 | 12.13 -0.64 -0.37 | 15.02 -0.87 -0.07 | 16.75 -0.74 0.00 | 19.00 -0.71 0.00 | 20.19 -0.69 0.00 | 22.27 -0.74 0.00 | 20.09 -0.55 0.00 | 19.87 -0.62 0.00 | 17.13 -0.52 0.00 |
| UPPER HUDSON___HYD 24058 | 19.84 1.04 0.00 | 18.89 0.94 0.00 | 18.71 0.88 -3.23 | 19.75 0.47 -11.73 | 17.20 0.99 -0.09 | 16.69 1.04 0.00 | 20.58 1.31 0.00 | 18.94 1.19 0.00 | 15.89 0.72 -3.77 | 7.42 -0.14 -9.97 | 20.00 1.19 0.00 | 20.47 1.24 0.00 | 19.63 1.05 0.00 | 18.38 1.01 0.00 | 17.86 0.97 0.00 | 16.64 0.74 -3.50 | 17.38 0.93 -0.63 | 18.57 1.09 0.00 | 20.97 1.27 0.00 | 22.20 1.32 0.00 | 24.47 1.45 0.00 | 21.98 1.33 0.00 | 21.83 1.34 0.00 | 18.76 1.11 0.00 |
| UPPER RAQUET___HYD 24056 | 18.65 -0.14 0.00 | 17.75 -0.20 0.00 | 14.46 -0.15 0.00 | 7.48 -0.07 0.00 | 16.00 -0.12 0.00 | 15.57 -0.09 0.00 | 19.14 -0.12 0.00 | 21.56 -0.08 -3.89 | 11.36 -0.03 0.00 | -2.43 -0.01 0.00 | 18.80 -0.01 0.00 | 19.09 -0.14 0.00 | 18.41 -0.17 0.00 | 17.03 -0.34 0.00 | 16.37 -0.52 0.00 | 12.02 -0.37 0.00 | 15.35 -0.46 0.00 | 16.90 -0.58 0.00 | 19.06 -0.64 0.00 | 20.28 -0.61 0.00 | 22.51 -0.50 0.00 | 20.42 -0.23 0.00 | 20.36 -0.13 0.00 | 17.50 -0.14 0.00 |
| VALLEY44_115KV_TB2 355964 | 19.04 0.25 0.00 | 18.19 0.24 0.00 | 15.20 0.08 -0.51 | 9.47 0.05 -1.87 | 16.31 0.18 -0.01 | 15.88 0.22 0.00 | 19.72 0.45 0.00 | 18.00 0.25 0.00 | 11.54 0.15 0.00 | -2.74 -0.32 0.00 | 19.37 0.55 0.00 | 19.87 0.45 -0.19 | 19.01 0.43 0.00 | 17.76 0.37 -0.02 | 17.07 0.18 0.00 | 12.77 -0.17 -0.54 | 15.62 -0.29 -0.10 | 17.35 -0.14 0.00 | 19.55 -0.15 0.00 | 20.72 -0.16 0.00 | 22.88 -0.14 0.00 | 20.68 0.03 0.00 | 20.53 0.04 0.00 | 17.82 0.17 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 18.88 0.09 0.00 | 18.08 0.13 0.00 | 14.72 0.12 0.00 | 7.62 0.07 0.00 | 16.28 0.16 0.00 | 15.70 0.05 0.00 | 19.36 0.09 0.00 | 17.77 0.03 0.00 | 11.37 -0.02 0.00 | -2.43 -0.01 0.00 | 18.78 -0.03 0.00 | 19.21 -0.02 0.00 | 18.54 -0.04 0.00 | 17.37 0.00 0.00 | 16.94 0.06 0.00 | 12.47 0.07 0.00 | 15.88 0.07 0.00 | 17.59 0.11 0.00 | 19.84 0.14 0.00 | 21.11 0.23 0.00 | 23.29 0.27 0.00 | 20.87 0.22 0.00 | 20.67 0.17 0.00 | 17.84 0.19 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 19.34 0.54 0.00 | 18.49 0.54 0.00 | 16.08 0.44 -1.04 | 11.56 0.22 -3.79 | 16.60 0.45 -0.03 | 16.19 0.54 0.00 | 19.99 0.72 0.00 | 18.48 0.65 -0.08 | 11.81 0.41 0.00 | -2.51 -0.09 0.00 | 19.46 0.65 0.00 | 19.89 0.65 -0.01 | 19.23 0.65 0.00 | 18.00 0.63 0.00 | 17.49 0.60 0.00 | 13.99 0.45 -1.14 | 16.58 0.56 -0.21 | 18.14 0.66 0.00 | 20.46 0.75 0.00 | 21.67 0.79 0.00 | 23.87 0.85 0.00 | 21.41 0.76 0.00 | 21.22 0.72 0.00 | 18.19 0.54 0.00 |
| VISCHER___FERRY HYD 24020 | 19.54 0.74 0.00 | 18.66 0.71 0.00 | 18.35 0.61 -3.15 | 19.29 0.32 -11.42 | 16.87 0.66 -0.08 | 16.27 0.61 0.00 | 19.97 0.70 0.00 | 18.39 0.64 0.00 | 15.80 0.38 -4.03 | 8.18 -0.05 -10.65 | 19.39 0.57 0.00 | 19.82 0.59 0.00 | 19.12 0.55 0.00 | 17.91 0.55 0.00 | 17.45 0.57 0.00 | 16.26 0.45 -3.41 | 17.00 0.57 -0.62 | 18.16 0.68 0.00 | 20.46 0.76 0.00 | 21.70 0.82 0.00 | 23.94 0.93 0.00 | 21.45 0.80 0.00 | 21.29 0.80 0.00 | 18.35 0.70 0.00 |
| V_A_10_SYNC_DSASP 323832 | 18.08 -0.71 0.00 | 17.20 -0.75 0.00 | 14.30 -0.70 -0.39 | 8.62 -0.36 -1.43 | 15.34 -0.79 -0.01 | 14.92 -0.73 0.00 | 18.46 -0.80 0.00 | 16.49 -0.95 0.30 | 10.76 -0.63 0.00 | -2.50 -0.08 0.00 | 17.65 -1.16 0.00 | 17.93 -1.26 0.05 | 17.39 -1.18 0.00 | 16.22 -1.15 0.00 | 15.66 -1.22 0.00 | 11.83 -0.97 -0.41 | 14.57 -1.32 -0.07 | 16.27 -1.22 0.00 | 18.44 -1.26 0.00 | 19.61 -1.27 0.00 | 21.60 -1.41 0.00 | 19.56 -1.08 0.00 | 19.40 -1.10 0.00 | 16.80 -0.85 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 18.54 -0.25 0.00 | 17.69 -0.25 0.00 | 14.41 -0.19 0.00 | 7.45 -0.10 0.00 | 15.91 -0.21 0.00 | 15.46 -0.20 0.00 | 18.97 -0.30 0.00 | 17.12 -0.28 0.35 | 11.22 -0.18 0.00 | -2.39 0.03 0.00 | 18.59 -0.22 0.00 | 19.00 -0.23 0.00 | 18.34 -0.24 0.00 | 17.06 -0.31 0.00 | 16.57 -0.30 0.00 | 12.17 -0.23 0.00 | 15.55 -0.26 0.00 | 17.16 -0.32 0.00 | 19.32 -0.38 0.00 | 20.49 -0.39 0.00 | 22.59 -0.43 0.00 | 20.28 -0.37 0.00 | 20.17 -0.33 0.00 | 17.35 -0.30 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 18.99 0.20 0.00 | 17.92 -0.03 0.00 | 14.61 0.01 0.00 | 7.59 0.04 0.00 | 16.21 0.09 0.00 | 15.79 0.14 0.00 | 19.55 0.28 0.00 | 16.85 0.30 1.19 | 11.61 0.21 0.00 | -2.55 -0.14 0.00 | 19.43 0.62 0.00 | 19.83 0.59 0.00 | 19.12 0.54 0.00 | 17.81 0.44 0.00 | 17.27 0.39 0.00 | 12.69 0.29 0.00 | 16.19 0.37 0.00 | 17.84 0.35 0.00 | 20.19 0.49 0.00 | 21.35 0.46 0.00 | 23.49 0.47 0.00 | 20.94 0.29 0.00 | 20.67 0.17 0.00 | 17.73 0.08 0.00 |
| V_E_10_SYNC_DSASP 323830 | 19.92 1.13 0.00 | 19.05 1.10 0.00 | 16.26 0.87 -0.79 | 10.87 0.46 -2.86 | 17.20 1.06 -0.02 | 16.73 1.08 0.00 | 20.85 1.58 0.00 | 19.28 1.34 -0.20 | 12.12 0.72 0.00 | -2.71 -0.29 0.00 | 19.72 0.91 0.00 | 20.09 0.85 -0.01 | 19.37 0.79 0.00 | 18.18 0.81 0.00 | 17.59 0.71 0.00 | 13.76 0.49 -0.87 | 16.64 0.67 -0.16 | 18.43 0.95 0.00 | 20.99 1.29 0.00 | 22.40 1.51 0.00 | 24.74 1.72 0.00 | 22.21 1.56 0.00 | 21.90 1.40 0.00 | 18.86 1.21 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 19.76 0.97 0.00 | 18.85 0.91 0.00 | 18.61 0.79 -3.22 | 19.65 0.41 -11.69 | 17.08 0.87 -0.09 | 16.53 0.87 0.00 | 20.34 1.07 0.00 | 18.72 0.97 0.00 | 15.80 0.59 -3.81 | 7.55 -0.11 -10.07 | 19.74 0.93 0.00 | 20.20 0.96 0.00 | 19.46 0.88 0.00 | 18.23 0.86 0.00 | 17.74 0.86 0.00 | 16.57 0.67 -3.49 | 17.30 0.85 -0.63 | 18.48 1.00 0.00 | 20.84 1.13 0.00 | 22.09 1.21 0.00 | 24.37 1.35 0.00 | 21.84 1.19 0.00 | 21.66 1.16 0.00 | 18.63 0.98 0.00 |
| V_F_30_SYNC_DSASP 323786 | 19.61 0.82 0.00 | 18.76 0.81 0.00 | 18.42 0.67 -3.16 | 19.34 0.34 -11.45 | 16.92 0.71 -0.09 | 16.30 0.65 0.00 | 20.02 0.75 0.00 | 18.45 0.71 0.00 | 15.61 0.37 -3.85 | 7.74 -0.03 -10.19 | 19.25 0.44 0.00 | 19.70 0.47 0.00 | 19.02 0.45 0.00 | 17.86 0.49 0.00 | 17.41 0.53 0.00 | 16.26 0.44 -3.42 | 16.98 0.55 -0.62 | 18.14 0.65 0.00 | 20.41 0.71 0.00 | 21.59 0.71 0.00 | 23.76 0.74 0.00 | 21.27 0.62 0.00 | 21.11 0.61 0.00 | 18.21 0.56 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 18.99 0.20 0.00 | 17.92 -0.03 0.00 | 14.61 0.01 0.00 | 7.59 0.04 0.00 | 16.21 0.09 0.00 | 15.79 0.14 0.00 | 19.55 0.28 0.00 | 16.85 0.30 1.19 | 11.61 0.21 0.00 | -2.55 -0.14 0.00 | 19.43 0.62 0.00 | 19.83 0.59 0.00 | 19.12 0.54 0.00 | 17.81 0.44 0.00 | 17.27 0.39 0.00 | 12.69 0.29 0.00 | 16.19 0.37 0.00 | 17.84 0.35 0.00 | 20.19 0.49 0.00 | 21.35 0.46 0.00 | 23.49 0.47 0.00 | 20.94 0.29 0.00 | 20.67 0.17 0.00 | 17.73 0.08 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 19.73 0.94 0.00 | 18.86 0.91 0.00 | 17.75 0.75 -2.41 | 16.67 0.38 -8.74 | 16.99 0.81 -0.06 | 16.43 0.78 0.00 | 20.26 0.99 0.00 | 18.74 0.99 0.00 | -16.93 0.69 29.01 | -79.21 -0.04 76.75 | 20.00 1.18 0.00 | 20.48 1.25 0.00 | 19.86 1.28 0.00 | 18.62 1.25 0.00 | 18.12 1.24 0.00 | 15.94 0.93 -2.61 | 17.46 1.18 -0.47 | 18.73 1.24 0.00 | 21.06 1.36 0.00 | 22.24 1.36 0.00 | 24.50 1.49 0.00 | 21.93 1.28 0.00 | 21.75 1.25 0.00 | 18.73 1.08 0.00 |

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| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 19.83 1.03 0.00 | 18.95 1.00 0.00 | 17.93 0.83 -2.50 | 17.05 0.42 -9.07 | 17.08 0.89 -0.07 | 16.52 0.87 0.00 | 20.38 1.11 0.00 | 18.86 1.12 0.00 | 30.20 0.80 -18.01 | 45.18 -0.04 -47.64 | 20.22 1.41 0.00 | 20.70 1.46 0.00 | 20.07 1.49 0.00 | 18.80 1.43 0.00 | 18.30 1.42 0.00 | 16.17 1.05 -2.71 | 17.64 1.33 -0.49 | 18.88 1.40 0.00 | 21.22 1.51 0.00 | 22.39 1.51 0.00 | 24.66 1.64 0.00 | 22.04 1.39 0.00 | 21.92 1.42 0.00 | 18.86 1.22 0.00 |
| W50THST__13_KV_LOAD 356117 | 19.93 1.13 0.00 | 19.04 1.09 0.00 | 18.00 0.90 -2.50 | 17.08 0.46 -9.07 | 17.16 0.97 -0.07 | 16.60 0.95 0.00 | 20.49 1.23 0.00 | 18.99 1.24 0.00 | 30.28 0.88 -18.01 | 45.16 -0.06 -47.64 | 20.38 1.57 0.00 | 20.85 1.62 0.00 | 20.23 1.65 0.00 | 18.94 1.58 0.00 | 18.44 1.56 0.00 | 16.27 1.16 -2.71 | 17.77 1.46 -0.49 | 19.02 1.54 0.00 | 21.36 1.66 0.00 | 22.54 1.66 0.00 | 24.81 1.79 0.00 | 22.18 1.52 0.00 | 22.03 1.54 0.00 | 18.96 1.31 0.00 |
| WADING RIVER_IC_1 23522 | 20.18 1.39 0.00 | 19.31 1.36 0.00 | 18.32 1.22 -2.50 | 17.25 0.62 -9.07 | 18.31 1.35 -0.85 | 18.63 1.18 -1.79 | 20.51 1.24 0.00 | 18.85 1.10 0.00 | 30.05 0.82 -17.84 | 44.83 0.05 -47.19 | 19.74 0.93 0.00 | 20.11 0.88 0.00 | 19.46 0.89 0.01 | 16.80 0.91 1.47 | 17.18 0.88 0.58 | 37.61 0.74 -24.47 | 17.27 0.97 -0.49 | 18.36 0.87 0.00 | 20.64 0.94 0.00 | 21.95 1.07 0.00 | 24.33 1.31 0.00 | 21.72 1.07 0.00 | 21.70 1.20 0.00 | 18.86 1.21 0.00 |
| WADING RIVER_IC_2 23547 | 20.18 1.39 0.00 | 19.31 1.36 0.00 | 18.32 1.22 -2.50 | 17.25 0.62 -9.07 | 18.31 1.35 -0.85 | 18.63 1.18 -1.79 | 20.51 1.24 0.00 | 18.85 1.10 0.00 | 30.05 0.82 -17.84 | 44.83 0.05 -47.19 | 19.74 0.93 0.00 | 20.11 0.88 0.00 | 19.46 0.89 0.01 | 16.80 0.91 1.47 | 17.18 0.88 0.58 | 37.61 0.74 -24.47 | 17.27 0.97 -0.49 | 18.36 0.87 0.00 | 20.64 0.94 0.00 | 21.95 1.07 0.00 | 24.33 1.31 0.00 | 21.72 1.07 0.00 | 21.70 1.20 0.00 | 18.86 1.21 0.00 |
| WADING RIVER_IC_3 23601 | 20.18 1.39 0.00 | 19.31 1.36 0.00 | 18.32 1.22 -2.50 | 17.25 0.62 -9.07 | 18.31 1.35 -0.85 | 18.63 1.18 -1.79 | 20.51 1.24 0.00 | 18.85 1.10 0.00 | 30.05 0.82 -17.84 | 44.83 0.05 -47.19 | 19.74 0.93 0.00 | 20.11 0.88 0.00 | 19.46 0.89 0.01 | 16.80 0.91 1.47 | 17.18 0.88 0.58 | 37.61 0.74 -24.47 | 17.27 0.97 -0.49 | 18.36 0.87 0.00 | 20.64 0.94 0.00 | 21.95 1.07 0.00 | 24.33 1.31 0.00 | 21.72 1.07 0.00 | 21.70 1.20 0.00 | 18.86 1.21 0.00 |
| WALDENNY_12_KV_BK2 80841 | 18.37 -0.42 0.00 | 17.49 -0.46 0.00 | 14.58 -0.49 -0.47 | 8.99 -0.26 -1.70 | 15.59 -0.54 -0.01 | 15.17 -0.49 0.00 | 18.81 -0.46 0.00 | 16.87 -0.64 0.23 | 10.96 -0.43 0.00 | -2.60 -0.18 0.00 | 18.03 -0.78 0.00 | 18.55 -0.87 -0.20 | 17.77 -0.81 0.00 | 16.58 -0.81 -0.02 | 15.97 -0.92 0.00 | 12.10 -0.79 -0.49 | 14.81 -1.09 -0.09 | 16.55 -0.94 0.00 | 18.73 -0.97 0.00 | 19.91 -0.97 0.00 | 21.95 -1.07 0.00 | 19.90 -0.75 0.00 | 19.71 -0.79 0.00 | 17.08 -0.57 0.00 |
| WALDEN__HYDRO 24148 | 19.71 0.92 0.00 | 18.82 0.87 0.00 | 17.73 0.72 -2.41 | 16.67 0.37 -8.76 | 16.96 0.77 -0.06 | 16.41 0.75 0.00 | 20.25 0.98 0.00 | 18.70 0.96 0.00 | 6.66 0.64 5.38 | -16.70 -0.04 14.24 | 19.85 1.04 0.00 | 20.32 1.08 0.00 | 19.70 1.12 0.00 | 18.47 1.10 0.00 | 17.97 1.09 0.00 | 15.84 0.82 -2.62 | 17.34 1.05 -0.47 | 18.64 1.16 0.00 | 20.98 1.27 0.00 | 22.23 1.35 0.00 | 24.54 1.52 0.00 | 21.96 1.31 0.00 | 21.76 1.27 0.00 | 18.72 1.07 0.00 |
| WARRENSBURG____ 23737 | 19.84 1.04 0.00 | 18.89 0.94 0.00 | 18.71 0.88 -3.23 | 19.75 0.47 -11.73 | 17.20 0.99 -0.09 | 16.69 1.04 0.00 | 20.58 1.31 0.00 | 18.94 1.19 0.00 | 15.89 0.72 -3.77 | 7.42 -0.14 -9.97 | 20.00 1.19 0.00 | 20.47 1.24 0.00 | 19.63 1.05 0.00 | 18.38 1.01 0.00 | 17.86 0.97 0.00 | 16.64 0.74 -3.50 | 17.38 0.93 -0.63 | 18.57 1.09 0.00 | 20.97 1.27 0.00 | 22.20 1.32 0.00 | 24.47 1.45 0.00 | 21.98 1.33 0.00 | 21.83 1.34 0.00 | 18.76 1.11 0.00 |
| WATERSIDE____6 8 9 23538 | 19.81 1.02 0.00 | 18.94 0.99 0.00 | 17.92 0.82 -2.50 | 17.04 0.42 -9.07 | 17.07 0.88 -0.07 | 16.51 0.86 0.00 | 20.38 1.11 0.00 | 18.87 1.12 0.00 | 30.19 0.80 -18.00 | 45.16 -0.03 -47.61 | 20.24 1.42 -0.01 | 20.70 1.46 -0.01 | 20.08 1.50 -0.01 | 138.51 1.42 -119.72 | 24.97 1.42 -6.67 | 22.35 1.05 -8.90 | 18.74 1.33 -1.60 | 18.89 1.40 -0.01 | 21.23 1.52 0.00 | 22.41 1.53 0.00 | 24.68 1.66 0.00 | 22.08 1.43 0.00 | 21.94 1.44 0.00 | 18.88 1.23 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 18.86 0.07 0.00 | 18.04 0.09 0.00 | 14.67 0.07 0.00 | 7.60 0.04 0.00 | 16.22 0.10 0.00 | 15.70 0.04 0.00 | 19.35 0.09 0.00 | 17.79 0.04 0.00 | 11.39 -0.01 0.00 | -2.43 -0.01 0.00 | 18.77 -0.04 0.00 | 19.20 -0.04 0.00 | 18.54 -0.04 0.00 | 17.37 0.00 0.00 | 16.92 0.04 0.00 | 12.45 0.05 0.00 | 15.86 0.04 0.00 | 17.57 0.09 0.00 | 19.81 0.11 0.00 | 21.05 0.17 0.00 | 23.23 0.21 0.00 | 20.82 0.17 0.00 | 20.63 0.13 0.00 | 17.77 0.12 0.00 |
| WATSON____69_KV_BK 1 55734 | 20.41 1.62 0.00 | 19.50 1.55 0.00 | 18.44 1.34 -2.50 | 17.30 0.68 -9.07 | 18.41 1.45 -0.84 | 18.82 1.37 -1.79 | 20.85 1.58 0.00 | 19.22 1.48 0.00 | 30.26 1.03 -17.84 | 44.79 0.02 -47.19 | 20.34 1.53 0.00 | 20.77 1.53 0.00 | 20.08 1.51 0.00 | 18.14 1.51 0.73 | 18.03 1.44 0.29 | 38.01 1.13 -24.47 | 17.75 1.44 -0.49 | 18.84 1.36 0.00 | 21.16 1.45 0.00 | 22.48 1.60 0.00 | 24.91 1.90 0.00 | 22.27 1.62 0.00 | 22.29 1.80 0.00 | 19.28 1.63 0.00 |
| WDELAWARE__HYD 323627 | 19.60 0.81 0.00 | 18.73 0.79 0.00 | 17.48 0.65 -2.23 | 15.97 0.32 -8.09 | 16.91 0.73 -0.06 | 16.31 0.65 0.00 | 20.13 0.86 0.00 | 18.57 0.83 0.00 | 7.07 0.59 4.92 | -15.46 -0.04 13.00 | 19.82 1.01 0.00 | 20.28 1.05 0.00 | 19.69 1.10 0.00 | 18.39 1.02 0.00 | 17.55 0.67 0.00 | 15.32 0.50 -2.42 | 16.92 0.67 -0.44 | 18.20 0.72 0.00 | 20.47 0.77 0.00 | 21.71 0.83 0.00 | 24.43 1.42 0.00 | 21.86 1.21 0.00 | 21.66 1.16 0.00 | 18.67 1.02 0.00 |
| WEST BABYLON__IC 23714 | 20.34 1.55 0.00 | 19.43 1.48 0.00 | 18.38 1.28 -2.50 | 17.27 0.64 -9.07 | 18.33 1.38 -0.83 | 18.76 1.31 -1.79 | 20.79 1.53 0.00 | 19.18 1.44 0.00 | 30.23 1.00 -17.84 | 44.80 0.03 -47.19 | 20.36 1.54 0.00 | 20.79 1.56 0.00 | 20.12 1.54 0.00 | 18.70 1.51 0.18 | 18.25 1.44 0.07 | 37.99 1.11 -24.47 | 17.70 1.40 -0.49 | 18.80 1.32 0.00 | 21.10 1.40 0.00 | 22.43 1.54 0.00 | 24.85 1.83 0.00 | 22.23 1.58 0.00 | 22.26 1.76 0.00 | 19.23 1.58 0.00 |
| WEST CANADA__HYD 24049 | 18.80 0.01 0.00 | 17.97 0.02 0.00 | 14.61 0.01 0.00 | 7.56 0.01 0.00 | 16.14 0.02 0.00 | 15.67 0.01 0.00 | 19.30 0.03 0.00 | 17.76 0.02 0.00 | 11.40 0.01 0.00 | -2.42 0.00 0.00 | 18.81 0.00 0.00 | 19.23 0.00 0.00 | 18.58 0.00 0.00 | 17.38 0.02 0.00 | 16.90 0.02 0.00 | 12.41 0.02 0.00 | 15.84 0.02 0.00 | 17.52 0.04 0.00 | 19.75 0.05 0.00 | 20.94 0.06 0.00 | 23.09 0.07 0.00 | 20.70 0.05 0.00 | 20.54 0.04 0.00 | 17.69 0.04 0.00 |
| WESTERN_NY_WIND 24143 | 18.31 -0.48 0.00 | 17.39 -0.56 0.00 | 14.46 -0.57 -0.43 | 8.79 -0.31 -1.55 | 15.49 -0.64 -0.01 | 15.09 -0.56 0.00 | 18.71 -0.56 0.00 | 16.71 -0.74 0.29 | 10.86 -0.53 0.00 | -2.59 -0.17 0.00 | 17.75 -1.06 0.00 | 17.97 -1.25 0.01 | 17.41 -1.17 0.00 | 16.23 -1.14 0.00 | 15.62 -1.26 0.00 | 11.86 -0.98 -0.45 | 14.53 -1.36 -0.08 | 16.31 -1.18 0.00 | 18.58 -1.13 0.00 | 19.83 -1.06 0.00 | 21.88 -1.13 0.00 | 19.88 -0.77 0.00 | 19.65 -0.84 0.00 | 17.02 -0.63 0.00 |

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|--|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|-------------------------|------------------------|---------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WESTOVER___LESR 323668 | 19.04 0.25 0.00 | 18.20 0.25 0.00 | 15.59 0.16 -0.83 | 10.65 0.09 -3.01 | 16.35 0.20 -0.02 | 15.87 0.22 0.00 | 19.66 0.39 0.00 | 18.19 0.30 -0.15 | 11.57 0.17 0.00 | -2.56 -0.14 0.00 | 19.09 0.28 0.00 | 19.51 0.26 -0.02 | 18.83 0.26 0.00 | 17.63 0.26 0.00 | 17.08 0.20 0.00 | 13.41 0.10 -0.92 | 16.09 0.10 -0.16 | 17.68 0.20 0.00 | 19.92 0.22 0.00 | 21.10 0.22 0.00 | 23.29 0.28 0.00 | 20.94 0.29 0.00 | 20.73 0.23 0.00 | 17.86 0.21 0.00 |
| WETHRSFD_WT_PWR 323626 | 18.37 -0.42 0.00 | 17.56 -0.39 0.00 | 14.73 -0.40 -0.53 | 9.26 -0.21 -1.91 | 15.71 -0.42 -0.01 | 15.29 -0.37 0.00 | 18.95 -0.32 0.00 | 17.55 -0.47 -0.27 | 11.06 -0.33 0.00 | -2.61 -0.19 0.00 | 18.20 -0.61 0.00 | 18.71 -0.67 -0.15 | 17.96 -0.62 0.00 | 16.78 -0.61 -0.02 | 16.15 -0.73 0.00 | 12.31 -0.65 -0.57 | 14.99 -0.93 -0.10 | 16.68 -0.80 0.00 | 18.89 -0.82 0.00 | 20.06 -0.82 0.00 | 22.12 -0.90 0.00 | 20.01 -0.64 0.00 | 19.81 -0.68 0.00 | 17.15 -0.50 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 19.65 0.86 0.00 | 18.78 0.83 0.00 | 17.70 0.69 -2.41 | 16.65 0.35 -8.75 | 16.93 0.74 -0.06 | 16.37 0.71 0.00 | 20.17 0.90 0.00 | 18.65 0.91 0.00 | -17.30 -0.64 29.33 | -80.03 -0.02 77.59 | 19.91 1.10 0.00 | 20.38 1.15 0.00 | 19.77 1.19 0.00 | 18.53 1.16 0.00 | 18.03 1.15 0.00 | 15.88 0.87 -2.62 | 17.38 1.10 -0.47 | 18.63 1.15 0.00 | 20.95 1.24 0.00 | 22.12 1.24 0.00 | 24.38 1.36 0.00 | 21.82 1.16 0.00 | 21.65 1.16 0.00 | 18.65 1.00 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 19.65 0.86 0.00 | 18.78 0.83 0.00 | 17.70 0.69 -2.41 | 16.65 0.35 -8.75 | 16.93 0.74 -0.06 | 16.37 0.71 0.00 | 20.17 0.90 0.00 | 18.65 0.91 0.00 | -17.30 -0.64 29.33 | -80.03 -0.02 77.59 | 19.91 1.10 0.00 | 20.38 1.15 0.00 | 19.77 1.19 0.00 | 18.53 1.16 0.00 | 18.03 1.15 0.00 | 15.88 0.87 -2.62 | 17.38 1.10 -0.47 | 18.63 1.15 0.00 | 20.95 1.24 0.00 | 22.12 1.24 0.00 | 24.38 1.36 0.00 | 21.82 1.16 0.00 | 21.65 1.16 0.00 | 18.65 1.00 0.00 |
| WHITEHAL_115KV_TB1 80871 | 20.20 1.41 0.00 | 19.11 1.16 0.00 | 18.85 1.03 -3.23 | 19.81 0.55 -11.71 | 17.41 1.20 -0.09 | 17.01 1.36 0.00 | 20.99 1.72 0.00 | 19.27 1.52 0.00 | 16.06 0.88 -3.79 | 7.43 -0.17 -10.01 | 20.51 1.70 0.00 | 21.03 1.80 0.00 | 20.19 1.61 0.00 | 18.89 1.52 0.00 | 18.34 1.46 0.00 | 17.07 1.17 -3.50 | 17.86 1.42 -0.63 | 19.13 1.65 0.00 | 21.65 1.95 0.00 | 22.82 1.94 0.00 | 25.29 2.28 0.00 | 22.77 2.12 0.00 | 22.46 1.96 0.00 | 19.28 1.63 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 19.84 1.05 0.00 | 18.97 1.02 0.00 | 17.93 0.84 -2.50 | 17.03 0.43 -9.05 | 17.11 0.92 -0.07 | 16.51 0.85 0.00 | 20.36 1.09 0.00 | 18.83 1.09 0.00 | 31.39 0.76 -19.24 | 48.43 -0.05 -50.89 | 20.13 1.32 0.00 | 20.60 1.37 0.00 | 19.97 1.39 0.00 | 18.71 1.34 0.00 | 18.22 1.34 0.00 | 16.11 1.01 -2.71 | 17.58 1.27 -0.49 | 18.83 1.34 0.00 | 21.16 1.46 0.00 | 22.35 1.47 0.00 | 24.62 1.60 0.00 | 22.02 1.37 0.00 | 21.86 1.36 0.00 | 18.87 1.22 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 20.25 1.45 0.00 | 19.39 1.44 0.00 | 18.36 1.26 -2.50 | 17.27 0.64 -9.07 | 18.35 1.38 -0.85 | 18.70 1.25 -1.79 | 20.62 1.35 0.00 | 18.97 1.22 0.00 | 30.11 0.87 -17.84 | 44.82 0.05 -47.19 | 19.90 1.09 0.00 | 20.28 1.05 0.00 | 19.62 1.05 0.01 | 16.94 1.07 1.49 | 17.32 1.03 0.59 | 37.72 0.85 -24.47 | 17.40 1.10 -0.49 | 18.51 1.03 0.00 | 20.83 1.12 0.00 | 22.16 1.28 0.00 | 24.56 1.54 0.00 | 21.93 1.28 0.00 | 21.93 1.43 0.00 | 19.03 1.38 0.00 |
| WOODARD__115KV_TB2 355635 | 18.48 -0.31 0.00 | 17.63 -0.32 0.00 | 14.58 -0.29 -0.27 | 8.40 -0.15 -1.00 | 15.83 -0.30 -0.01 | 15.38 -0.27 0.00 | 19.01 -0.25 0.00 | 17.67 -0.28 -0.21 | 11.20 -0.20 0.00 | -2.42 0.00 0.00 | 18.45 -0.36 0.00 | 18.85 -0.38 0.00 | 18.21 -0.37 0.00 | 17.04 -0.33 0.00 | 16.53 -0.35 0.00 | 12.42 -0.27 -0.29 | 15.50 -0.36 -0.05 | 17.17 -0.32 0.00 | 19.39 -0.31 0.00 | 20.56 -0.32 0.00 | 22.67 -0.35 0.00 | 20.36 -0.29 0.00 | 20.14 -0.36 0.00 | 17.35 -0.30 0.00 |
| YORK___WARBASSE 23770 | 19.83 1.04 0.00 | 18.96 1.02 0.00 | 17.93 0.84 -2.50 | 17.05 0.42 -9.07 | 17.08 0.90 -0.07 | 16.53 0.87 0.00 | 20.40 1.13 0.00 | 18.88 1.14 0.00 | 30.20 0.81 -18.00 | 45.16 -0.04 -47.61 | 20.27 1.46 -0.01 | 20.74 1.50 -0.01 | 20.12 1.53 -0.01 | 167.77 1.45 -148.96 | 26.62 1.44 -8.30 | 23.88 1.07 -10.41 | 19.04 1.35 -1.87 | 18.93 1.44 -0.01 | 21.28 1.57 0.00 | 22.47 1.59 0.00 | 24.76 1.74 0.00 | 22.15 1.50 0.00 | 22.01 1.51 0.00 | 18.93 1.29 0.00 |