

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/27/2024

| 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 | 20.37 | 18.88 | 18.03 | 18.90 | 19.63 | 19.78 | 21.25 | 20.56 | 17.93 | 15.60 | 16.20 | 17.12 | 16.26 | 16.04 | 17.40 | 17.94 | 20.79 | 24.35 | 28.49 | 34.16 | 30.69 | 26.71 | 20.40 | 17.80 |
| 24138 | 1.32 | 1.22 | 1.18 | 1.23 | 1.19 | 1.19 | 1.38 | 1.42 | 1.28 | 1.16 | 1.11 | 1.12 | 1.05 | 1.00 | 1.11 | 1.16 | 1.38 | 1.64 | 1.91 | 2.29 | 2.07 | 1.75 | 1.35 | 1.11 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 20.36 | 18.88 | 18.03 | 18.90 | 19.64 | 19.78 | 21.25 | 20.55 | 17.91 | 15.58 | 16.18 | 17.11 | 16.25 | 16.03 | 17.37 | 17.93 | 20.77 | 24.33 | 28.48 | 34.12 | 30.66 | 26.68 | 20.38 | 17.79 |
| 24260 | 1.30 | 1.22 | 1.18 | 1.23 | 1.20 | 1.18 | 1.37 | 1.41 | 1.27 | 1.14 | 1.10 | 1.11 | 1.04 | 0.99 | 1.09 | 1.15 | 1.36 | 1.62 | 1.90 | 2.26 | 2.04 | 1.71 | 1.33 | 1.09 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 20.36 | 18.88 | 18.03 | 18.90 | 19.64 | 19.78 | 21.25 | 20.55 | 17.91 | 15.58 | 16.18 | 17.11 | 16.25 | 16.03 | 17.37 | 17.93 | 20.77 | 24.33 | 28.48 | 34.12 | 30.66 | 26.68 | 20.38 | 17.79 |
| 24261 | 1.30 | 1.22 | 1.18 | 1.23 | 1.20 | 1.18 | 1.37 | 1.41 | 1.27 | 1.14 | 1.10 | 1.11 | 1.04 | 0.99 | 1.09 | 1.15 | 1.36 | 1.62 | 1.90 | 2.26 | 2.04 | 1.71 | 1.33 | 1.09 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 19.67 | 18.20 | 17.43 | 18.33 | 19.06 | 19.22 | 20.63 | 19.81 | 17.12 | 14.71 | 15.22 | 16.09 | 15.34 | 15.10 | 16.36 | 16.92 | 19.76 | 23.37 | 27.62 | 33.09 | 29.74 | 25.87 | 19.63 | 17.17 |
| 24011 | 0.61 | 0.54 | 0.59 | 0.66 | 0.63 | 0.63 | 0.75 | 0.67 | 0.48 | 0.27 | 0.13 | 0.09 | 0.13 | 0.06 | 0.07 | 0.14 | 0.35 | 0.66 | 1.04 | 1.22 | 1.11 | 0.90 | 0.59 | 0.48 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 19.74 | 18.25 | 17.51 | 18.41 | 19.15 | 19.29 | 20.70 | 19.90 | 17.18 | 14.71 | 15.20 | 16.08 | 15.32 | 15.08 | 16.35 | 16.90 | 19.78 | 23.44 | 27.81 | 33.28 | 29.92 | 26.03 | 19.70 | 17.23 |
| 23798 | 0.68 | 0.59 | 0.66 | 0.74 | 0.71 | 0.70 | 0.83 | 0.76 | 0.53 | 0.27 | 0.11 | 0.08 | 0.11 | 0.04 | 0.06 | 0.13 | 0.36 | 0.73 | 1.23 | 1.42 | 1.29 | 1.06 | 0.66 | 0.53 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 19.67 | 18.20 | 17.43 | 18.33 | 19.06 | 19.22 | 20.63 | 19.81 | 17.12 | 14.71</ | | | | | | | | | | | | | | |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 19.09 0.03 0.00 | 17.69 0.03 0.00 | 16.90 0.05 0.00 | 17.72 0.06 0.00 | 18.46 0.02 0.00 | 18.62 0.03 0.00 | 19.93 0.06 0.00 | 19.19 0.05 0.00 | 16.68 0.03 0.00 | 14.55 0.11 0.00 | 15.13 0.05 0.00 | 15.98 -0.02 0.00 | 15.26 0.05 0.00 | 15.06 0.02 0.00 | 16.23 -0.06 0.00 | 16.69 -0.09 0.00 | 19.37 -0.05 0.00 | 22.67 -0.04 0.00 | 26.59 0.01 0.00 | 31.87 0.00 0.00 | 28.64 0.02 0.00 | 24.95 -0.02 0.00 | 19.02 -0.03 0.00 | 16.70 0.01 0.00 |
| ALBANY___3 23573 | 19.09 0.03 0.00 | 17.69 0.03 0.00 | 16.90 0.05 0.00 | 17.72 0.06 0.00 | 18.46 0.02 0.00 | 18.62 0.03 0.00 | 19.93 0.06 0.00 | 19.19 0.05 0.00 | 16.68 0.03 0.00 | 14.55 0.11 0.00 | 15.13 0.05 0.00 | 15.98 -0.02 0.00 | 15.26 0.05 0.00 | 15.06 0.02 0.00 | 16.23 -0.06 0.00 | 16.69 -0.09 0.00 | 19.37 -0.05 0.00 | 22.67 -0.04 0.00 | 26.59 0.01 0.00 | 31.87 0.00 0.00 | 28.64 0.02 0.00 | 24.95 -0.02 0.00 | 19.02 -0.03 0.00 | 16.70 0.01 0.00 |
| ALBANY___4 23574 | 19.09 0.03 0.00 | 17.69 0.03 0.00 | 16.90 0.05 0.00 | 17.72 0.06 0.00 | 18.46 0.02 0.00 | 18.62 0.03 0.00 | 19.93 0.06 0.00 | 19.19 0.05 0.00 | 16.68 0.03 0.00 | 14.55 0.11 0.00 | 15.13 0.05 0.00 | 15.98 -0.02 0.00 | 15.26 0.05 0.00 | 15.06 0.02 0.00 | 16.23 -0.06 0.00 | 16.69 -0.09 0.00 | 19.37 -0.05 0.00 | 22.67 -0.04 0.00 | 26.59 0.01 0.00 | 31.87 0.00 0.00 | 28.64 0.02 0.00 | 24.95 -0.02 0.00 | 19.02 -0.03 0.00 | 16.70 0.01 0.00 |
| ALBANY___LFGE 323615 | 19.23 0.17 0.00 | 17.82 0.16 0.00 | 17.03 0.18 0.00 | 17.86 0.19 0.00 | 18.60 0.16 0.00 | 18.76 0.17 0.00 | 20.08 0.21 0.00 | 19.34 0.20 0.00 | 16.80 0.15 0.00 | 14.66 0.22 0.00 | 15.24 0.15 0.00 | 16.10 0.10 0.00 | 15.37 0.16 0.00 | 15.17 0.13 0.00 | 16.34 0.05 0.00 | 16.82 0.04 0.00 | 19.54 0.13 0.00 | 22.89 0.18 0.00 | 26.84 0.26 0.00 | 32.16 0.29 0.00 | 28.90 0.28 0.00 | 25.17 0.20 0.00 | 19.18 0.13 0.00 | 16.84 0.14 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 18.91 -0.15 0.00 | 17.49 -0.16 0.00 | 16.68 -0.17 0.00 | 17.50 -0.17 0.00 | 18.34 -0.10 0.00 | 18.48 -0.12 0.00 | 19.71 -0.16 0.00 | 18.96 -0.18 0.00 | 16.53 -0.12 0.00 | 14.35 -0.09 0.00 | 15.03 -0.06 0.00 | 15.95 -0.04 0.00 | 15.16 -0.05 0.00 | 15.01 -0.03 0.00 | 16.27 -0.02 0.00 | 16.76 -0.02 0.00 | 19.39 -0.02 0.00 | 22.72 0.01 0.00 | 26.54 -0.04 0.00 | 31.83 -0.03 0.00 | 28.76 0.13 0.00 | 25.12 0.15 0.00 | 19.14 0.09 0.00 | 16.76 0.06 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 18.91 -0.15 0.00 | 17.49 -0.16 0.00 | 16.68 -0.17 0.00 | 17.50 -0.17 0.00 | 18.34 -0.10 0.00 | 18.48 -0.12 0.00 | 19.71 -0.16 0.00 | 18.96 -0.18 0.00 | 16.53 -0.12 0.00 | 14.35 -0.09 0.00 | 15.03 -0.06 0.00 | 15.95 -0.04 0.00 | 15.16 -0.05 0.00 | 15.01 -0.03 0.00 | 16.27 -0.02 0.00 | 16.76 -0.02 0.00 | 19.39 -0.02 0.00 | 22.72 0.01 0.00 | 26.54 -0.04 0.00 | 31.83 -0.03 0.00 | 28.76 0.13 0.00 | 25.12 0.15 0.00 | 19.14 0.09 0.00 | 16.76 0.06 0.00 |
| ALCOA___DSASP 323711 | 18.91 -0.15 0.00 | 17.49 -0.16 0.00 | 16.68 -0.17 0.00 | 17.50 -0.17 0.00 | 18.34 -0.10 0.00 | 18.48 -0.12 0.00 | 19.71 -0.16 0.00 | 18.96 -0.18 0.00 | 16.53 -0.12 0.00 | 14.35 -0.09 0.00 | 15.03 -0.06 0.00 | 15.95 -0.04 0.00 | 15.16 -0.05 0.00 | 15.01 -0.03 0.00 | 16.27 -0.02 0.00 | 16.76 -0.02 0.00 | 19.39 -0.02 0.00 | 22.72 0.01 0.00 | 26.54 -0.04 0.00 | 31.83 -0.03 0.00 | 28.76 0.13 0.00 | 25.12 0.15 0.00 | 19.14 0.09 0.00 | 16.76 0.06 0.00 |
| ALLEGHENY___COGEN 23514 | 18.91 -0.15 0.00 | 17.59 -0.07 0.00 | 16.75 -0.10 0.00 | 17.49 -0.18 0.00 | 18.21 -0.23 0.00 | 18.35 -0.24 0.00 | 19.47 -0.40 0.00 | 18.75 -0.38 0.00 | 16.23 -0.42 0.00 | 13.97 -0.47 0.00 | 15.01 -0.07 0.00 | 15.94 -0.06 0.00 | 14.94 -0.27 0.00 | 14.75 -0.29 0.00 | 16.21 -0.08 0.00 | 16.51 -0.27 0.00 | 18.99 -0.43 0.00 | 22.03 -0.69 0.00 | 25.82 -0.76 0.00 | 31.37 -0.50 0.00 | 27.95 -0.68 0.00 | 24.51 -0.46 0.00 | 18.72 -0.32 0.00 | 16.47 -0.22 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 19.39 0.33 0.00 | 17.97 0.32 0.00 | 17.16 0.32 0.00 | 18.00 0.34 0.00 | 18.75 0.31 0.00 | 18.91 0.32 0.00 | 20.24 0.37 0.00 | 19.49 0.35 0.00 | 16.93 0.28 0.00 | 14.69 0.25 0.00 | 15.30 0.22 0.00 | 16.20 0.20 0.00 | 15.41 0.20 0.00 | 15.22 0.18 0.00 | 16.45 0.17 0.00 | 16.95 0.17 0.00 | 19.67 0.25 0.00 | 23.04 0.33 0.00 | 27.02 0.44 0.00 | 32.39 0.53 0.00 | 29.10 0.47 0.00 | 25.36 0.39 0.00 | 19.33 0.29 0.00 | 16.95 0.26 0.00 |
| ALTONA_WT_PWR 323606 | 18.74 -0.31 0.00 | 17.31 -0.34 0.00 | 16.66 -0.19 0.00 | 17.69 0.02 0.00 | 18.55 0.11 0.00 | 18.63 0.04 0.00 | 19.86 -0.02 0.00 | 19.31 0.17 0.00 | 17.01 0.36 0.00 | 14.91 0.47 0.00 | 15.65 0.56 0.00 | 16.48 0.49 0.00 | 15.46 0.25 0.00 | 15.14 0.11 0.00 | 16.36 0.07 0.00 | 16.86 0.09 0.00 | 19.67 0.25 0.00 | 23.47 0.75 0.00 | 27.54 0.96 0.00 | 33.30 1.44 0.00 | 30.11 1.48 0.00 | 26.16 1.19 0.00 | 19.78 0.73 0.00 | 17.09 0.39 0.00 |
| AMERICAN_REF_FUEL 24010 | 17.82 -1.24 0.00 | 16.62 -1.03 0.00 | 15.83 -1.01 0.00 | 16.54 -1.13 0.00 | 17.23 -1.21 0.00 | 17.32 -1.27 0.00 | 18.18 -1.69 0.00 | 17.45 -1.69 0.00 | 15.30 -1.35 0.00 | 13.34 -1.10 0.00 | 14.18 -0.91 0.00 | 15.16 -0.84 0.00 | 14.43 -0.79 0.00 | 14.35 -0.68 0.00 | 15.57 -0.72 0.00 | 15.94 -0.84 0.00 | 18.27 -1.14 0.00 | 20.97 -1.74 0.00 | 24.44 -2.14 0.00 | 29.22 -2.64 0.00 | 25.84 -2.79 0.00 | 22.74 -2.23 0.00 | 17.52 -1.53 0.00 | 15.52 -1.17 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 18.07 -0.99 0.00 | 16.88 -0.78 0.00 | 16.06 -0.79 0.00 | 16.76 -0.91 0.00 | 17.44 -1.00 0.00 | 17.53 -1.06 0.00 | 18.48 -1.40 0.00 | 17.80 -1.33 0.00 | 15.57 -1.08 0.00 | 13.67 -0.76 0.00 | 14.48 -0.61 0.00 | 15.43 -0.57 0.00 | 14.66 -0.55 0.00 | 14.56 -0.48 0.00 | 15.84 -0.45 0.00 | 16.29 -0.49 0.00 | 18.70 -0.71 0.00 | 21.47 -1.25 0.00 | 25.02 -1.56 0.00 | 30.00 -1.87 0.00 | 26.26 -2.37 0.00 | 23.10 -1.87 0.00 | 17.78 -1.26 0.00 | 15.64 -1.06 0.00 |
| ARTHUR KILL_GT_1 23520 | 20.33 1.27 0.00 | 18.84 1.19 0.00 | 18.01 1.17 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.75 1.15 0.00 | 21.25 1.38 0.00 | 20.53 1.40 0.00 | 17.90 1.25 0.00 | 15.53 1.09 0.00 | 16.09 1.00 0.00 | 17.00 1.00 0.00 | 16.15 0.94 0.00 | 15.92 0.88 0.00 | 17.25 0.96 0.00 | 17.78 1.01 0.00 | 20.66 1.25 0.00 | 24.23 1.51 0.00 | 28.43 1.85 0.00 | 33.88 2.02 0.00 | 30.58 1.95 0.00 | 26.59 1.63 0.00 | 20.31 1.26 0.00 | 17.73 1.03 0.00 |
| ARTHUR_KILL_2 23512 | 20.28 1.22 0.00 | 18.80 1.15 0.00 | 17.97 1.12 0.00 | 18.82 1.15 0.00 | 19.56 1.12 0.00 | 19.70 1.11 0.00 | 21.20 1.33 0.00 | 20.48 1.34 0.00 | 17.86 1.21 0.00 | 15.50 1.06 0.00 | 16.06 0.97 0.00 | 16.97 0.97 0.00 | 16.12 0.91 0.00 | 15.89 0.85 0.00 | 17.22 0.93 0.00 | 17.74 0.97 0.00 | 20.62 1.20 0.00 | 24.16 1.45 0.00 | 28.36 1.78 0.00 | 33.79 1.92 0.00 | 30.50 1.87 0.00 | 26.52 1.55 0.00 | 20.26 1.21 0.00 | 17.68 0.99 0.00 |
| ARTHUR_KILL_3 23513 | 20.21 1.15 0.00 | 18.73 1.07 0.00 | 17.89 1.05 0.00 | 18.76 1.09 0.00 | 19.49 1.05 0.00 | 19.63 1.04 0.00 | 21.10 1.23 0.00 | 20.40 1.27 0.00 | 17.79 1.14 0.00 | 15.47 1.03 0.00 | 16.06 0.97 0.00 | 16.97 0.97 0.00 | 16.12 0.91 0.00 | 15.89 0.86 0.00 | 17.23 0.94 0.00 | 17.76 0.98 0.00 | 20.60 1.18 0.00 | 24.13 1.41 0.00 | 28.24 1.66 0.00 | 33.85 1.99 0.00 | 30.41 1.78 0.00 | 26.46 1.49 0.00 | 20.21 1.16 0.00 | 17.63 0.94 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 20.33 1.27 0.00 | 18.84 1.19 0.00 | 18.01 1.17 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.75 1.15 0.00 | 21.25 1.38 0.00 | 20.53 1.40 0.00 | 17.90 1.25 0.00 | 15.53 1.09 0.00 | 16.09 1.00 0.00 | 17.00 1.00 0.00 | 16.15 0.94 0.00 | 15.92 0.88 0.00 | 17.25 0.96 0.00 | 17.78 1.01 0.00 | 20.66 1.25 0.00 | 24.23 1.51 0.00 | 28.43 1.85 0.00 | 33.88 2.02 0.00 | 30.58 1.95 0.00 | 26.59 1.63 0.00 | 20.31 1.26 0.00 | 17.73 1.03 0.00 |
| ASHOKAN____ 23654 | 19.96 0.90 0.00 | 18.48 0.83 0.00 | 17.66 0.81 0.00 | 18.52 0.85 0.00 | 19.29 0.86 0.00 | 19.49 0.90 0.00 | 20.89 1.01 0.00 | 20.10 0.96 0.00 | 17.35 0.70 0.00 | 14.94 0.50 0.00 | 15.49 0.40 0.00 | 16.33 0.33 0.00 | 15.54 0.33 0.00 | 15.41 0.37 0.00 | 16.60 0.31 0.00 | 17.12 0.34 0.00 | 20.04 0.63 0.00 | 23.64 0.93 0.00 | 28.00 1.42 0.00 | 33.64 1.77 0.00 | 30.22 1.59 0.00 | 26.28 1.31 0.00 | 19.98 0.93 0.00 | 17.47 0.77 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 20.24 1.19 0.00 | 18.77 1.12 0.00 | 17.91 1.07 0.00 | 18.78 1.11 0.00 | 19.51 1.07 0.00 | 19.63 1.04 0.00 | 21.10 1.22 0.00 | 20.43 1.29 0.00 | 17.83 1.18 0.00 | 15.50 1.06 0.00 | 16.06 0.97 0.00 | 16.95 0.95 0.00 | 16.15 0.94 0.00 | 15.93 0.89 0.00 | 17.23 0.93 0.00 | 17.78 1.00 0.00 | 20.57 1.15 0.00 | 24.11 1.40 0.00 | 28.26 1.68 0.00 | 33.83 1.96 0.00 | 30.44 1.81 0.00 | 26.48 1.51 0.00 | 20.23 1.19 0.00 | 17.68 0.98 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 20.24 1.19 0.00 | 18.77 1.12 0.00 | 17.91 1.07 0.00 | 18.78 1.11 0.00 | 19.50 1.06 0.00 | 19.63 1.04 0.00 | 21.10 1.22 0.00 | 20.43 1.29 0.00 | 17.83 1.18 0.00 | 15.50 1.06 0.00 | 16.05 0.97 0.00 | 16.95 0.95 0.00 | 16.15 0.94 0.00 | 15.93 0.89 0.00 | 17.22 0.93 0.00 | 17.78 1.00 0.00 | 20.57 1.15 0.00 | 24.11 1.40 0.00 | 28.26 1.68 0.00 | 33.83 1.96 0.00 | 30.44 1.81 0.00 | 26.48 1.51 0.00 | 20.23 1.19 0.00 | 17.68 0.98 0.00 |
| ASTORIA_GT2_1 24094 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.92 1.07 0.00 | 18.78 1.11 0.00 | 19.51 1.07 0.00 | 19.63 1.04 0.00 | 21.11 1.24 0.00 | 20.44 1.30 0.00 | 17.83 1.18 0.00 | 15.50 1.06 0.00 | 16.06 0.97 0.00 | 16.97 0.97 0.00 | 16.16 0.95 0.00 | 15.94 0.90 0.00 | 17.23 0.94 0.00 | 17.79 1.02 0.00 | 20.58 1.16 0.00 | 24.13 1.41 0.00 | 28.28 1.70 0.00 | 33.84 1.98 0.00 | 30.46 1.83 0.00 | 26.50 1.53 0.00 | 20.24 1.19 0.00 | 17.68 0.99 0.00 |
| ASTORIA_GT2_2 24095 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.92 1.07 0.00 | 18.78 1.11 0.00 | 19.51 1.07 0.00 | 19.63 1.04 0.00 | 21.11 1.24 0.00 | 20.44 1.30 0.00 | 17.83 1.18 0.00 | 15.50 1.06 0.00 | 16.06 0.97 0.00 | 16.97 0.97 0.00 | 16.16 0.95 0.00 | 15.94 0.90 0.00 | 17.23 0.94 0.00 | 17.79 1.02 0.00 | 20.58 1.16 0.00 | 24.13 1.41 0.00 | 28.28 1.70 0.00 | 33.84 1.98 0.00 | 30.46 1.83 0.00 | 26.50 1.53 0.00 | 20.24 1.19 0.00 | 17.68 0.99 0.00 |
| ASTORIA_GT2_3 24096 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.92 1.07 0.00 | 18.78 1.11 0.00 | 19.51 1.07 0.00 | 19.63 1.04 0.00 | 21.11 1.24 0.00 | 20.44 1.30 0.00 | 17.83 1.18 0.00 | 15.50 1.06 0.00 | 16.06 0.97 0.00 | 16.97 0.97 0.00 | 16.16 0.95 0.00 | 15.94 0.90 0.00 | 17.23 0.94 0.00 | 17.79 1.02 0.00 | 20.58 1.16 0.00 | 24.13 1.41 0.00 | 28.28 1.70 0.00 | 33.84 1.98 0.00 | 30.46 1.83 0.00 | 26.50 1.53 0.00 | 20.24 1.19 0.00 | 17.68 0.99 0.00 |
| ASTORIA_GT2_4 24097 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.92 1.07 0.00 | 18.78 1.11 0.00 | 19.51 1.07 0.00 | 19.63 1.04 0.00 | 21.11 1.24 0.00 | 20.44 1.30 0.00 | 17.83 1.18 0.00 | 15.50 1.06 0.00</ | | | | | | | | | | | | | | |

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| ASTORIA_GT4_4 24105 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.92 1.07 0.00 | 18.78 1.11 0.00 | 19.51 1.07 0.00 | 19.63 1.04 0.00 | 21.11 1.24 0.00 | 20.44 1.30 0.00 | 17.83 1.18 0.00 | 15.50 1.06 0.00 | 16.06 0.97 0.00 | 16.97 0.97 0.00 | 16.16 0.95 0.00 | 15.94 0.90 0.00 | 17.23 0.94 0.00 | 17.79 1.02 0.00 | 20.58 1.16 0.00 | 24.13 1.41 0.00 | 28.28 1.70 0.00 | 33.84 1.98 0.00 | 30.46 1.83 0.00 | 26.50 1.53 0.00 | 20.24 1.19 0.00 | 17.68 0.99 0.00 |
| ASTORIA_GT_1 23523 | 20.28 1.22 0.00 | 18.80 1.15 0.00 | 17.94 1.10 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.66 1.07 0.00 | 21.14 1.27 0.00 | 20.46 1.33 0.00 | 17.86 1.21 0.00 | 15.53 1.09 0.00 | 16.08 0.99 0.00 | 16.98 0.99 0.00 | 16.19 0.97 0.00 | 15.96 0.92 0.00 | 17.26 0.97 0.00 | 17.82 1.04 0.00 | 20.61 1.20 0.00 | 24.16 1.45 0.00 | 28.32 1.74 0.00 | 33.91 2.04 0.00 | 30.50 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.23 0.00 | 17.71 1.02 0.00 |
| ASTORIA_GT_10 24110 | 20.28 1.22 0.00 | 18.80 1.14 0.00 | 17.95 1.10 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.67 1.08 0.00 | 21.14 1.27 0.00 | 20.45 1.31 0.00 | 17.83 1.18 0.00 | 15.52 1.09 0.00 | 16.09 1.00 0.00 | 17.00 1.00 0.00 | 16.17 0.95 0.00 | 15.95 0.91 0.00 | 17.27 0.98 0.00 | 17.83 1.05 0.00 | 20.65 1.24 0.00 | 24.19 1.47 0.00 | 28.33 1.75 0.00 | 33.93 2.06 0.00 | 30.53 1.90 0.00 | 26.56 1.59 0.00 | 20.29 1.24 0.00 | 17.71 1.01 0.00 |
| ASTORIA_GT_11 24225 | 20.28 1.22 0.00 | 18.80 1.14 0.00 | 17.95 1.10 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.67 1.08 0.00 | 21.14 1.27 0.00 | 20.45 1.31 0.00 | 17.83 1.18 0.00 | 15.52 1.09 0.00 | 16.09 1.00 0.00 | 17.00 1.00 0.00 | 16.17 0.95 0.00 | 15.95 0.91 0.00 | 17.27 0.98 0.00 | 17.83 1.05 0.00 | 20.65 1.24 0.00 | 24.19 1.47 0.00 | 28.33 1.75 0.00 | 33.93 2.06 0.00 | 30.53 1.90 0.00 | 26.56 1.59 0.00 | 20.29 1.24 0.00 | 17.71 1.01 0.00 |
| ASTORIA_GT_12 24226 | 20.28 1.22 0.00 | 18.80 1.14 0.00 | 17.95 1.10 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.67 1.08 0.00 | 21.14 1.27 0.00 | 20.45 1.31 0.00 | 17.83 1.18 0.00 | 15.52 1.09 0.00 | 16.09 1.00 0.00 | 17.00 1.00 0.00 | 16.17 0.95 0.00 | 15.95 0.91 0.00 | 17.27 0.98 0.00 | 17.83 1.05 0.00 | 20.65 1.24 0.00 | 24.19 1.47 0.00 | 28.33 1.75 0.00 | 33.93 2.06 0.00 | 30.53 1.90 0.00 | 26.56 1.59 0.00 | 20.29 1.24 0.00 | 17.71 1.01 0.00 |
| ASTORIA_GT_13 24227 | 20.28 1.22 0.00 | 18.80 1.14 0.00 | 17.95 1.10 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.67 1.08 0.00 | 21.14 1.27 0.00 | 20.45 1.31 0.00 | 17.83 1.18 0.00 | 15.52 1.09 0.00 | 16.09 1.00 0.00 | 17.00 1.00 0.00 | 16.17 0.95 0.00 | 15.95 0.91 0.00 | 17.27 0.98 0.00 | 17.83 1.05 0.00 | 20.65 1.24 0.00 | 24.19 1.47 0.00 | 28.33 1.75 0.00 | 33.93 2.06 0.00 | 30.53 1.90 0.00 | 26.56 1.59 0.00 | 20.29 1.24 0.00 | 17.71 1.01 0.00 |
| ASTORIA_GT_5 24106 | 20.28 1.22 0.00 | 18.80 1.15 0.00 | 17.94 1.10 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.66 1.07 0.00 | 21.14 1.26 0.00 | 20.46 1.33 0.00 | 17.86 1.21 0.00 | 15.53 1.09 0.00 | 16.09 1.00 0.00 | 16.99 0.99 0.00 | 16.19 0.97 0.00 | 15.96 0.93 0.00 | 17.25 0.97 0.00 | 17.82 1.04 0.00 | 20.61 1.20 0.00 | 24.16 1.45 0.00 | 28.32 1.74 0.00 | 33.91 2.04 0.00 | 30.50 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.71 1.02 0.00 |
| ASTORIA_GT_7 24107 | 20.28 1.22 0.00 | 18.80 1.15 0.00 | 17.94 1.10 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.66 1.07 0.00 | 21.14 1.26 0.00 | 20.46 1.33 0.00 | 17.86 1.21 0.00 | 15.53 1.09 0.00 | 16.09 | | | | | | | | | | | | | |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| ATHENS_STG_1 23668 | 19.61 0.55 0.00 | 18.20 0.54 0.00 | 17.38 0.54 0.00 | 18.24 0.57 0.00 | 18.98 0.54 0.00 | 19.12 0.53 0.00 | 20.50 0.62 0.00 | 19.76 0.62 0.00 | 17.18 0.53 0.00 | 14.90 0.46 0.00 | 15.52 0.43 0.00 | 16.43 0.43 0.00 | 15.61 0.40 0.00 | 15.39 0.36 0.00 | 16.68 0.39 0.00 | 17.19 0.41 0.00 | 19.94 0.53 0.00 | 23.37 0.66 0.00 | 27.39 0.81 0.00 | 32.84 0.98 0.00 | 29.49 0.86 0.00 | 25.70 0.73 0.00 | 19.59 0.54 0.00 | 17.15 0.45 0.00 |
| ATHENS_STG_2 23670 | 19.61 0.55 0.00 | 18.20 0.54 0.00 | 17.38 0.54 0.00 | 18.24 0.57 0.00 | 18.98 0.54 0.00 | 19.12 0.53 0.00 | 20.50 0.62 0.00 | 19.76 0.62 0.00 | 17.18 0.53 0.00 | 14.90 0.46 0.00 | 15.52 0.43 0.00 | 16.43 0.43 0.00 | 15.61 0.40 0.00 | 15.39 0.36 0.00 | 16.68 0.39 0.00 | 17.19 0.41 0.00 | 19.94 0.53 0.00 | 23.37 0.66 0.00 | 27.39 0.81 0.00 | 32.84 0.98 0.00 | 29.49 0.86 0.00 | 25.70 0.73 0.00 | 19.59 0.54 0.00 | 17.15 0.45 0.00 |
| ATHENS_STG_3 23677 | 19.61 0.55 0.00 | 18.20 0.54 0.00 | 17.38 0.54 0.00 | 18.24 0.57 0.00 | 18.98 0.54 0.00 | 19.12 0.53 0.00 | 20.50 0.62 0.00 | 19.76 0.62 0.00 | 17.18 0.53 0.00 | 14.90 0.46 0.00 | 15.52 0.43 0.00 | 16.43 0.43 0.00 | 15.61 0.40 0.00 | 15.39 0.36 0.00 | 16.68 0.39 0.00 | 17.19 0.41 0.00 | 19.94 0.53 0.00 | 23.37 0.66 0.00 | 27.39 0.81 0.00 | 32.84 0.98 0.00 | 29.49 0.86 0.00 | 25.70 0.73 0.00 | 19.59 0.54 0.00 | 17.15 0.45 0.00 |
| AUBURN___LFGE 323710 | 19.27 0.20 0.00 | 17.90 0.25 0.00 | 17.08 0.23 0.00 | 17.89 0.22 0.00 | 18.66 0.22 0.00 | 18.80 0.20 0.00 | 20.02 0.15 0.00 | 19.32 0.18 0.00 | 16.76 0.11 0.00 | 14.48 0.04 0.00 | 15.19 0.10 0.00 | 16.14 0.14 0.00 | 15.45 0.24 0.00 | 15.31 0.27 0.00 | 16.59 0.29 0.00 | 16.82 0.04 0.00 | 19.36 -0.05 0.00 | 22.63 -0.09 0.00 | 26.36 -0.22 0.00 | 31.62 -0.25 0.00 | 28.35 -0.28 0.00 | 24.72 -0.24 0.00 | 18.90 -0.15 0.00 | 16.53 -0.17 0.00 |
| BABYLON_RES_REC 323704 | 20.44 1.39 0.00 | 19.00 1.35 0.00 | 18.15 1.31 0.00 | 19.01 1.34 0.00 | 19.77 1.33 0.00 | 19.91 1.32 0.00 | 21.45 1.58 0.00 | 20.71 1.57 0.00 | 17.94 1.29 0.00 | 15.48 1.04 0.00 | 16.10 1.01 0.00 | 17.14 1.14 0.00 | 16.21 1.00 0.00 | 103.10 0.95 -87.10 | 30.06 1.12 -12.65 | 48.29 1.23 -30.29 | 26.85 1.48 -5.96 | 26.07 1.83 -1.53 | 55.09 2.19 -26.32 | 56.79 2.63 -22.30 | 51.10 2.33 -20.15 | 34.25 1.99 -7.29 | 31.74 1.52 -11.18 | 31.09 1.18 -13.22 |
| BABYLON__69_KV_BK2 356345 | 20.62 1.56 0.00 | 19.17 1.52 0.00 | 18.32 1.47 0.00 | 19.18 1.51 0.00 | 19.95 1.51 0.00 | 20.09 1.50 0.00 | 21.66 1.78 0.00 | 20.91 1.77 0.00 | 18.10 1.45 0.00 | 15.61 1.18 0.00 | 16.23 1.15 0.00 | 17.29 1.30 0.00 | 16.35 1.14 0.00 | 103.21 1.07 -87.10 | 30.18 1.25 -12.65 | 48.44 1.37 -30.29 | 27.04 1.66 -5.96 | 26.28 2.03 -1.53 | 55.33 2.43 -26.32 | 57.08 2.92 -22.30 | 51.32 2.55 -20.15 | 34.47 2.20 -7.29 | 31.91 1.69 -11.18 | 31.23 1.32 -13.22 |
| BALL_HILL_WT_PWR 323825 | 18.32 -0.74 0.00 | 17.10 -0.55 0.00 | 16.29 -0.56 0.00 | 17.01 -0.66 0.00 | 17.69 -0.75 0.00 | 17.79 -0.80 0.00 | 18.79 -1.09 0.00 | 18.07 -1.06 0.00 | 15.77 -0.88 0.00 | 13.77 -0.67 0.00 | 14.63 -0.46 0.00 | 15.59 -0.41 0.00 | 14.84 -0.38 0.00 | 14.76 -0.28 0.00 | 16.03 -0.26 0.00 | 16.45 -0.32 0.00 | 18.87 -0.55 0.00 | 21.68 -1.04 0.00 | 25.28 -1.30 0.00 | 30.28 -1.59 0.00 | 26.68 -1.95 0.00 | 23.47 -1.50 0.00 | 18.05 -1.00 0.00 | 15.95 -0.75 0.00 |
| BARON_WINDS___WT_PWR 323822 | 18.24 -0.82 0.00 | 17.01 -0.65 0.00 | 16.20 -0.64 0.00 | 16.89 -0.78 0.00 | 17.51 -0.93 0.00 | 17.64 -0.96 0.00 | 18.77 -1.10 0.00 | 18.10 -1.04 0.00 | 15.73 -0.92 0.00 | 13.65 -0.79 0.00 | 14.46 -0.63 0.00 | 15.32 -0.68 0.00 | 14.56 -0.65 0.00 | 14.49 -0.54 0.00 | 15.74 -0.55 0.00 | 16.19 -0.59 0.00 | 18.60 -0.82 0.00 | 21.54 -1.18 0.00 | 25.19 -1.39 0.00 | 30.19 -1.68 0.00 | 26.72 -1.90 0.00 | 23.46 -1.51 0.00 | 17.96 -1.09 0.00 | 15.85 -0.84 0.00 |
| BARRETT_IC_1 23704 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BARRETT_IC_10 23701 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BARRETT_IC_11 23702 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BARRETT_IC_12 23703 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BARRETT_IC_2 23705 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BARRETT_IC_3 23706 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BARRETT_IC_4 23707 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |

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| BARRETT_IC_5 23708 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BARRETT_IC_6 23709 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BARRETT_IC_7 23710 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.18 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.93 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.04 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BARRETT_IC_8 23711 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BARRETT_IC_9 23700 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BARRETT___1 23545 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BARRETT___2 23546 | 20.27 1.21 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.71 1.12 0.00 | 21.19 1.31 0.00 | 20.47 1.33 0.00 | 17.76 1.12 0.00 | 15.38 0.94 0.00 | 16.02 0.93 0.00 | 17.06 1.06 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.83 1.05 -12.49 | 48.25 1.18 -30.29 | 26.77 1.40 -5.96 | 25.87 1.62 -1.53 | 54.81 1.91 -26.32 | 56.41 2.25 -22.30 | 50.81 2.03 -20.15 | 34.03 1.77 -7.29 | 31.60 1.37 -11.18 | 31.02 1.10 -13.22 |
| BATAVIA___115KV_TB1 55881 | 18.60 -0.46 0.00 | 17.33 -0.32 0.00 | 16.50 -0.35 0.00 | 17.24 -0.4 | | | | | | | | | | | | | | | | | | | | |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG7 323688 | 20.26 1.20 0.00 | 18.78 1.13 0.00 | 17.94 1.09 0.00 | 18.80 1.14 0.00 | 19.53 1.10 0.00 | 19.68 1.09 0.00 | 21.15 1.27 0.00 | 20.45 1.31 0.00 | 17.83 1.18 0.00 | 15.51 1.07 0.00 | 16.10 1.01 0.00 | 17.01 1.02 0.00 | 16.16 0.95 0.00 | 15.94 0.90 0.00 | 17.28 0.99 0.00 | 17.82 1.04 0.00 | 20.65 1.24 0.00 | 24.20 1.48 0.00 | 28.31 1.73 0.00 | 33.93 2.06 0.00 | 30.49 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.69 1.00 0.00 |
| BAYONEEC___CTG8 323689 | 20.26 1.20 0.00 | 18.78 1.13 0.00 | 17.94 1.09 0.00 | 18.80 1.14 0.00 | 19.53 1.10 0.00 | 19.68 1.09 0.00 | 21.15 1.27 0.00 | 20.45 1.31 0.00 | 17.83 1.18 0.00 | 15.51 1.07 0.00 | 16.10 1.01 0.00 | 17.01 1.02 0.00 | 16.16 0.95 0.00 | 15.94 0.90 0.00 | 17.28 0.99 0.00 | 17.82 1.04 0.00 | 20.65 1.24 0.00 | 24.20 1.48 0.00 | 28.31 1.73 0.00 | 33.93 2.06 0.00 | 30.49 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.69 1.00 0.00 |
| BAYONEEC___CTG9 323749 | 20.26 1.20 0.00 | 18.78 1.13 0.00 | 17.94 1.09 0.00 | 18.80 1.14 0.00 | 19.53 1.10 0.00 | 19.68 1.09 0.00 | 21.15 1.27 0.00 | 20.45 1.31 0.00 | 17.83 1.18 0.00 | 15.51 1.07 0.00 | 16.10 1.01 0.00 | 17.01 1.02 0.00 | 16.16 0.95 0.00 | 15.94 0.90 0.00 | 17.28 0.99 0.00 | 17.82 1.04 0.00 | 20.65 1.24 0.00 | 24.20 1.48 0.00 | 28.31 1.73 0.00 | 33.93 2.06 0.00 | 30.49 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.69 1.00 0.00 |
| BEACON___LESR 323632 | 19.44 0.38 0.00 | 18.00 0.35 0.00 | 17.19 0.34 0.00 | 18.03 0.37 0.00 | 18.80 0.36 0.00 | 18.96 0.37 0.00 | 20.33 0.46 0.00 | 19.55 0.41 0.00 | 16.96 0.32 0.00 | 14.74 0.31 0.00 | 15.34 0.25 0.00 | 16.23 0.24 0.00 | 15.47 0.26 0.00 | 15.24 0.20 0.00 | 16.42 0.13 0.00 | 16.93 0.15 0.00 | 19.70 0.29 0.00 | 23.12 0.41 0.00 | 27.08 0.50 0.00 | 32.51 0.64 0.00 | 29.21 0.58 0.00 | 25.42 0.45 0.00 | 19.35 0.30 0.00 | 16.98 0.28 0.00 |
| BEAVER RIVER___HYD 24048 | 18.54 -0.52 0.00 | 17.04 -0.61 0.00 | 16.20 -0.64 0.00 | 17.02 -0.65 0.00 | 17.90 -0.54 0.00 | 18.19 -0.40 0.00 | 19.51 -0.36 0.00 | 18.69 -0.44 0.00 | 16.26 -0.39 0.00 | 14.00 -0.44 0.00 | 14.42 -0.67 0.00 | 15.18 -0.82 0.00 | 14.47 -0.74 0.00 | 14.35 -0.68 0.00 | 15.74 -0.55 0.00 | 16.23 -0.54 0.00 | 18.65 -0.76 0.00 | 22.01 -0.70 0.00 | 25.94 -0.64 0.00 | 31.18 -0.68 0.00 | 27.95 -0.67 0.00 | 24.43 -0.54 0.00 | 18.58 -0.47 0.00 | 16.23 -0.46 0.00 |
| BEEBEE_GT_13 23619 | 18.55 -0.51 0.00 | 17.26 -0.40 0.00 | 16.44 -0.41 0.00 | 17.19 -0.48 0.00 | 17.93 -0.51 0.00 | 18.06 -0.53 0.00 | 19.14 -0.74 0.00 | 18.40 -0.74 0.00 | 16.07 -0.58 0.00 | 13.98 -0.45 0.00 | 14.78 -0.31 0.00 | 15.75 -0.24 0.00 | 14.99 -0.22 0.00 | 14.87 -0.17 0.00 | 16.12 -0.17 0.00 | 16.51 -0.27 0.00 | 19.03 -0.39 0.00 | 22.02 -0.70 0.00 | 25.67 -0.91 0.00 | 30.76 -1.10 0.00 | 27.37 -1.26 0.00 | 23.98 -0.99 0.00 | 18.36 -0.68 0.00 | 16.17 -0.52 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 20.44 1.38 0.00 | 18.93 1.27 0.00 | 18.07 1.23 0.00 | 18.94 1.27 0.00 | 19.68 1.24 0.00 | 19.82 1.23 0.00 | 21.31 1.44 0.00 | 20.62 1.48 0.00 | 17.98 1.33 0.00 | 15.64 1.20 0.00 | 16.22 1.13 0.00 | 17.15 1.15 0.00 | 16.29 1.08 0.00 | 16.06 1.03 0.00 | 17.41 1.13 0.00 | 17.97 1.19 0.00 | 20.83 1.42 0.00 | 24.40 1.69 0.00 | 28.58 2.00 0.00 | 34.19 2.32 0.00 | 30.78 2.15 0.00 | 26.78 1.81 0.00 | 20.44 1.40 0.00 | 17.84 1.15 0.00 |
| BETHLEHEM___GRP 23843 | 19.09 0.03 0.00 | 17.69 0.03 0.00 | 16.90 0.05 0.00 | 17.72 0.06 0.00 | 18.46 0.02 0.00 | 18.62 0.03 0.00 | 19.93 0.06 0.00 | 19.19 0.05 0.00 | 16.68 0.03 0.00 | 14.55 0.11 0.00 | 15.13 0.05 0.00 | 15.98 -0.02 0.00 | 15.26 0.05 0.00 | 15.06 0.02 0.00 | 16.23 -0.06 0.00 | 16.69 -0.09 0.00 | 19.37 -0.05 0.00 | 22.67 -0.04 0.00 | 26.59 0.01 0.00 | 31.87 0.00 0.00 | 28.64 0.02 0.00 | 24.95 -0.02 0.00 | 19.02 -0.03 0.00 | 16.70 0.01 0.00 |
| BETHLEHEM___GS1 323560 | 19.09 0.03 0.00 | 17.69 0.03 0.00 | 16.90 0.05 0.00 | 17.72 0.06 0.00 | 18.46 0.02 0.00 | 18.62 0.03 0.00 | 19.93 0.06 0.00 | 19.19 0.05 0.00 | 16.67 0.02 0.00 | 14.55 0.11 0.00 | 15.13 0.05 0.00 | 15.98 -0.02 0.00 | 15.26 0.05 0.00 | 15.06 0.02 0.00 | 16.22 -0.07 0.00 | 16.68 -0.10 0.00 | 19.37 -0.05 0.00 | 22.67 -0.04 0.00 | 26.59 0.01 0.00 | 31.87 0.00 0.00 | 28.64 0.02 0.00 | 24.95 -0.02 0.00 | 19.02 -0.03 0.00 | 16.70 0.01 0.00 |
| BETHLEHEM___GS2 323561 | 19.09 0.03 0.00 | 17.69 0.03 0.00 | 16.90 0.05 0.00 | 17.72 0.06 0.00 | 18.46 0.02 0.00 | 18.62 0.03 0.00 | 19.93 0.06 0.00 | 19.19 0.05 0.00 | 16.67 0.02 0.00 | 14.55 0.11 0.00 | 15.13 0.05 0.00 | 15.98 -0.02 0.00 | 15.26 0.05 0.00 | 15.06 0.02 0.00 | 16.22 -0.07 0.00 | 16.68 -0.10 0.00 | 19.37 -0.05 0.00 | 22.67 -0.04 0.00 | 26.59 0.01 0.00 | 31.87 0.00 0.00 | 28.64 0.02 0.00 | 24.95 -0.02 0.00 | 19.02 -0.03 0.00 | 16.70 0.01 0.00 |
| BETHLEHEM___GS3 323562 | 19.09 0.03 0.00 | 17.69 0.03 0.00 | 16.90 0.05 0.00 | 17.72 0.06 0.00 | 18.46 0.02 0.00 | 18.62 0.03 0.00 | 19.93 0.06 0.00 | 19.19 0.05 0.00 | 16.67 0.02 0.00 | 14.55 0.11 0.00 | 15.13 0.05 0.00 | 15.98 -0.02 0.00 | 15.26 0.05 0.00 | 15.06 0.02 0.00 | 16.22 -0.07 0.00 | 16.68 -0.10 0.00 | 19.37 -0.05 0.00 | 22.67 -0.04 0.00 | 26.59 0.01 0.00 | 31.87 0.00 0.00 | 28.64 0.02 0.00 | 24.95 -0.02 0.00 | 19.02 -0.03 0.00 | 16.70 0.01 0.00 |
| BETHLEHEM___STEEL 23779 | 18.39 -0.67 0.00 | 17.16 -0.49 0.00 | 16.35 -0.50 0.00 | 17.07 -0.60 0.00 | 17.77 -0.67 0.00 | 17.87 -0.72 0.00 | 18.84 -1.04 0.00 | 18.10 -1.04 0.00 | 15.82 -0.82 0.00 | 13.79 -0.65 0.00 | 14.66 -0.43 0.00 | 15.64 -0.36 0.00 | 14.89 -0.32 0.00 | 14.81 -0.22 0.00 | 16.06 -0.23 0.00 | 16.44 -0.33 0.00 | 18.89 -0.52 0.00 | 21.72 -1.00 0.00 | 25.31 -1.27 0.00 | 30.29 -1.57 0.00 | 26.74 -1.88 0.00 | 23.53 -1.44 0.00 | 18.09 -0.95 0.00 | 16.00 -0.69 0.00 |
| BETHLHEM_115KV_TB1 79974 | 19.15 0.09 0.00 | 17.75 0.10 0.00 | 16.96 0.11 0.00 | 17.79 0.12 0.00 | 18.52 0.08 0.00 | 18.68 0.09 0.00 | 20.00 0.13 0.00 | 19.26 0.12 0.00 | 16.74 0.09 0.00 | 14.59 0.15 0.00 | 15.17 0.08 0.00 | 16.03 0.03 0.00 | 15.30 0.08 0.00 | 15.10 0.06 0.00 | 16.28 -0.01 0.00 | 16.75 -0.03 0.00 | 19.44 0.02 0.00 | 22.76 0.04 0.00 | 26.68 0.10 0.00 | 31.98 0.11 0.00 | 28.75 0.12 0.00 | 25.04 0.07 0.00 | 19.09 0.04 0.00 | 16.76 0.07 0.00 |
| BETHPAGE_CC_5 323564 | 20.42 1.37 0.00 | 18.99 1.33 0.00 | 18.12 1.28 0.00 | 18.99 1.33 0.00 | 19.75 1.31 0.00 | 19.88 1.29 0.00 | 21.41 1.54 0.00 | 20.68 1.54 0.00 | 17.93 1.28 0.00 | 15.49 1.06 0.00 | 16.12 1.04 0.00 | 17.16 1.16 0.00 | 16.24 1.03 0.00 | 103.14 1.00 -87.10 | 30.11 1.17 -12.65 | 48.35 1.28 -30.29 | 26.92 1.55 -5.96 | 26.10 1.85 -1.53 | 55.09 2.20 -26.32 | 56.78 2.62 -22.30 | 51.11 2.33 -20.15 | 34.25 1.98 -7.29 | 31.74 1.51 -11.18 | 31.09 1.18 -13.22 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 18.48 -0.58 0.00 | 17.24 -0.41 0.00 | 16.42 -0.43 0.00 | 17.14 -0.52 0.00 | 17.85 -0.59 0.00 | 17.95 -0.64 0.00 | 18.93 -0.95 0.00 | 18.19 -0.95 0.00 | 15.90 -0.75 0.00 | 13.85 -0.59 0.00 | 14.73 -0.36 0.00 | 15.71 -0.28 0.00 | 14.95 -0.26 0.00 | 14.88 -0.15 0.00 | 16.13 -0.16 0.00 | 16.52 -0.26 0.00 | 18.99 -0.43 0.00 | 21.83 -0.88 0.00 | 25.43 -1.15 0.00 | 30.45 -1.42 0.00 | 26.88 -1.75 0.00 | 23.65 -1.32 0.00 | 18.19 -0.86 0.00 | 16.08 -0.62 0.00 |

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|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| BINGHAMTON___COGEN 23790 | 19.07 0.01 0.00 | 17.71 0.05 0.00 | 16.91 0.06 0.00 | 17.72 0.05 0.00 | 18.43 -0.01 0.00 | 18.58 -0.01 0.00 | 19.84 -0.03 0.00 | 19.12 -0.02 0.00 | 16.60 -0.05 0.00 | 14.40 -0.04 0.00 | 15.12 0.03 0.00 | 16.03 0.03 0.00 | 15.25 0.04 0.00 | 15.13 0.09 0.00 | 16.42 0.13 0.00 | 16.90 0.12 0.00 | 19.48 0.07 0.00 | 22.71 0.00 0.00 | 26.59 0.01 0.00 | 31.87 0.00 0.00 | 28.42 -0.20 0.00 | 24.86 -0.11 0.00 | 18.99 -0.06 0.00 | 16.70 0.00 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 18.43 -0.63 0.00 | 17.30 -0.36 0.00 | 16.43 -0.42 0.00 | 17.08 -0.59 0.00 | 17.77 -0.67 0.00 | 17.97 -0.62 0.00 | 18.99 -0.88 0.00 | 18.21 -0.93 0.00 | 15.90 -0.75 0.00 | 13.75 -0.69 0.00 | 14.68 -0.41 0.00 | 15.53 -0.46 0.00 | 14.81 -0.40 0.00 | 14.85 -0.19 0.00 | 16.00 -0.29 0.00 | 16.40 -0.38 0.00 | 19.01 -0.41 0.00 | 21.74 -0.98 0.00 | 25.33 -1.24 0.00 | 30.42 -1.45 0.00 | 26.77 -1.86 0.00 | 23.57 -1.40 0.00 | 18.17 -0.88 0.00 | 16.06 -0.63 0.00 |
| BLACK RIVER___HYD 24047 | 18.53 -0.52 0.00 | 17.04 -0.62 0.00 | 16.18 -0.67 0.00 | 16.96 -0.70 0.00 | 17.82 -0.62 0.00 | 18.12 -0.47 0.00 | 19.47 -0.40 0.00 | 18.65 -0.48 0.00 | 16.22 -0.42 0.00 | 13.92 -0.52 0.00 | 14.31 -0.78 0.00 | 15.00 -1.00 0.00 | 14.34 -0.88 0.00 | 14.28 -0.76 0.00 | 15.69 -0.60 0.00 | 16.16 -0.62 0.00 | 18.54 -0.87 0.00 | 21.94 -0.77 0.00 | 25.85 -0.73 0.00 | 31.04 -0.82 0.00 | 27.83 -0.80 0.00 | 24.30 -0.67 0.00 | 18.48 -0.57 0.00 | 16.15 -0.54 0.00 |
| BLACKRVR_115KV_TB2 79977 | 18.53 -0.52 0.00 | 17.04 -0.62 0.00 | 16.18 -0.67 0.00 | 16.96 -0.70 0.00 | 17.83 -0.61 0.00 | 18.12 -0.47 0.00 | 19.47 -0.40 0.00 | 18.65 -0.48 0.00 | 16.22 -0.42 0.00 | 13.92 -0.52 0.00 | 14.31 -0.78 0.00 | 15.00 -1.00 0.00 | 14.34 -0.88 0.00 | 14.28 -0.76 0.00 | 15.69 -0.60 0.00 | 16.16 -0.62 0.00 | 18.54 -0.87 0.00 | 21.94 -0.77 0.00 | 25.85 -0.73 0.00 | 31.05 -0.82 0.00 | 27.83 -0.80 0.00 | 24.30 -0.67 0.00 | 18.48 -0.57 0.00 | 16.15 -0.54 0.00 |
| BLISS_WT_PWR 323608 | 18.31 -0.75 0.00 | 17.21 -0.44 0.00 | 16.34 -0.51 0.00 | 16.96 -0.71 0.00 | 17.64 -0.80 0.00 | 17.86 -0.73 0.00 | 18.89 -0.98 0.00 | 18.08 -1.05 0.00 | 15.79 -0.85 0.00 | 13.64 -0.79 0.00 | 14.59 -0.50 0.00 | 15.40 -0.60 0.00 | 14.69 -0.52 0.00 | 14.76 -0.27 0.00 | 15.88 -0.41 0.00 | 16.29 -0.48 0.00 | 18.90 -0.52 0.00 | 21.60 -1.11 0.00 | 25.17 -1.41 0.00 | 30.23 -1.64 0.00 | 26.59 -2.04 0.00 | 23.41 -1.56 0.00 | 18.06 -0.99 0.00 | 15.96 -0.74 0.00 |
| BLUESTONE___WT_PWR 323821 | 19.29 0.23 0.00 | 17.90 0.24 0.00 | 17.15 0.30 0.00 | 17.93 0.25 0.00 | 18.51 0.07 0.00 | 18.68 0.08 0.00 | 19.82 -0.06 0.00 | 19.13 -0.01 0.00 | 16.74 0.09 0.00 | 14.34 -0.10 0.00 | 14.75 -0.34 0.00 | 15.53 -0.47 0.00 | 14.89 -0.33 0.00 | 14.70 -0.34 0.00 | 16.10 -0.19 0.00 | 16.74 -0.04 0.00 | 19.39 -0.02 0.00 | 22.77 0.05 0.00 | 26.82 0.24 0.00 | 31.79 -0.08 0.00 | 28.57 -0.06 0.00 | 24.76 -0.21 0.00 | 18.97 -0.08 0.00 | 16.68 -0.02 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 19.37 0.31 0.00 | 17.96 0.30 0.00 | 17.16 0.31 0.00 | 17.99 0.33 0.00 | 18.74 0.30 0.00 | 18.91 0.32 0.00 | 20.23 0.35 0.00 | 19.42 0.28 0.00 | 16.83 0.18 0.00 | 14.59 0.15 0.00 | 15.18 0.09 0.00 | 16.05 0.05 0.00 | 15.30 0.09 0.00 | 15.11 0.07 0.00 | 16.32 0.03 0.00 | 16.80 0.03 0.00 | 19.56 0.15 0.00 | 22.96 0.25 0.00 | 26.97 0.39 0.00 | 32.33 0.46 0.00 | 29.05 0.42 0.00 | 25.32 0.35 0.00 | 19.31 0.25 0.00 | 16.94 0.24 0.00 |
| BOC_GAS_DRP 24189 | 19.34 0.28 0.00 | 17.93 0.27 0.00 | 17.13 0.28 0.00 | 17.96 0.29 0.00 | 18.71 0.27 0.00 | 18.86 0.26 0.00 | 20.19 0.32 0.00 | 19.44 0.30 0.00 | 16.90 0.25 0.00 | 14.68 0.24 0.00 | 15.29 0.21 0.00 | 16.18 0.19 0.00 | 15.40 0.19 0.00 | 15.20 0.17 0.00 | 16.44 0.15 0.00 | 16.93 0.15 0.00 | 19.63 0.22 0.00 | 22.99 0.27 0.00 | 26.94 0.37 0.00 | 32.29 0.43 0.00 | 29.01 0.38 0.00 | 25.28 0.32 0.00 | 19.28 0.23 0.00 | 16.91 0.21 0.00 |
| BOONVILLE_115KV_TB1 79983 | 19.10 0.04 0.00 | 17.62 -0.04 0.00 | 16.78 -0.07 0.00 | 17.61 -0.05 0.00 | 18.45 0.01 0.00 | 18.69 0.10 0.00 | 20.00 0.13 0.00 | 19.21 0.07 0.00 | 16.69 0.04 0.00 | 14.40 -0.03 0.00 | 14.93 -0.16 0.00 | 15.79 -0.21 0.00 | 15.02 -0.20 0.00 | 14.89 -0.15 0.00 | 16.23 -0.06 0.00 | 16.76 -0.02 0.00 | 19.33 -0.08 0.00 | 22.71 0.00 0.00 | 26.68 0.11 0.00 | 32.03 0.17 0.00 | 28.70 0.07 0.00 | 25.03 0.06 0.00 | 19.05 0.01 0.00 | 16.68 -0.02 0.00 |
| BORALEX_4TH_BRANCH 23824 | 19.82 0.76 0.00 | 18.37 0.71 0.00 | 17.60 0.76 0.00 | 18.48 0.81 0.00 | 19.21 0.77 0.00 | 19.36 0.77 0.00 | 20.74 0.87 0.00 | 19.94 0.80 0.00 | 17.23 0.58 0.00 | 14.80 0.36 0.00 | 15.36 0.27 0.00 | 16.23 0.23 0.00 | 15.52 0.31 0.00 | 15.27 0.23 0.00 | 16.51 0.22 0.00 | 17.05 0.28 0.00 | 19.77 0.36 0.00 | 23.33 0.61 0.00 | 27.34 0.76 0.00 | 32.89 1.02 0.00 | 29.56 0.93 0.00 | 25.81 0.84 0.00 | 19.69 0.65 0.00 | 17.26 0.56 0.00 |
| BOWLINE___1 23526 | 20.08 1.03 0.00 | 18.61 0.95 0.00 | 17.78 0.93 0.00 | 18.66 0.99 0.00 | 19.39 0.95 0.00 | 19.54 0.95 0.00 | 20.99 1.12 0.00 | 20.26 1.13 0.00 | 17.64 0.99 0.00 | 15.29 0.86 0.00 | 15.91 0.82 0.00 | 16.84 0.84 0.00 | 15.99 0.77 0.00 | 15.76 0.72 0.00 | 17.08 0.79 0.00 | 17.63 0.85 0.00 | 20.47 1.06 0.00 | 23.99 1.28 0.00 | 28.11 1.53 0.00 | 33.73 1.86 0.00 | 30.24 1.61 0.00 | 26.30 1.33 0.00 | 20.05 1.00 0.00 | 17.50 0.81 0.00 |
| BOWLINE___2 23595 | 20.08 1.03 0.00 | 18.61 0.95 0.00 | 17.78 0.93 0.00 | 18.66 0.99 0.00 | 19.39 0.95 0.00 | 19.54 0.95 0.00 | 20.99 1.12 0.00 | 20.26 1.13 0.00 | 17.64 0.99 0.00 | 15.29 0.86 0.00 | 15.91 0.82 0.00 | 16.84 0.84 0.00 | 15.99 0.77 0.00 | 15.76 0.72 0.00 | 17.08 0.79 0.00 | 17.63 0.85 0.00 | 20.47 1.06 0.00 | 23.99 1.28 0.00 | 28.11 1.53 0.00 | 33.73 1.86 0.00 | 30.24 1.61 0.00 | 26.30 1.33 0.00 | 20.05 1.00 0.00 | 17.50 0.81 0.00 |
| BRADY___115KV_TB2 356060 | 18.94 -0.12 0.00 | 17.51 -0.15 0.00 | 16.69 -0.16 0.00 | 17.52 -0.15 0.00 | 18.36 -0.08 0.00 | 18.51 -0.08 0.00 | 19.75 -0.13 0.00 | 18.95 -0.19 0.00 | 16.48 -0.17 0.00 | 14.30 -0.14 0.00 | 14.95 -0.14 0.00 | 15.86 -0.13 0.00 | 15.09 -0.12 0.00 | 14.93 -0.10 0.00 | 16.19 -0.10 0.00 | 16.75 -0.03 0.00 | 19.42 0.00 0.00 | 22.79 0.07 0.00 | 26.63 0.05 0.00 | 31.96 0.09 0.00 | 28.88 0.25 0.00 | 25.23 0.26 0.00 | 19.20 0.15 0.00 | 16.80 0.11 0.00 |
| BRANSCOMB___SOLAR 323811 | 19.65 0.59 0.00 | 18.20 0.54 0.00 | 17.41 0.56 0.00 | 18.28 0.61 0.00 | 19.03 0.59 0.00 | 19.19 0.60 0.00 | 20.57 0.70 0.00 | 19.74 0.60 0.00 | 17.07 0.42 0.00 | 14.69 0.25 0.00 | 15.23 0.14 0.00 | 16.11 0.11 0.00 | 15.36 0.15 0.00 | 15.13 0.09 0.00 | 16.38 0.09 0.00 | 16.94 0.16 0.00 | 19.74 0.33 0.00 | 23.31 0.60 0.00 | 27.44 0.86 0.00 | 32.91 1.05 0.00 | 29.57 0.94 0.00 | 25.75 0.79 0.00 | 19.59 0.55 0.00 | 17.16 0.46 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 20.56 1.50 0.00 | 19.13 1.47 0.00 | 18.27 1.42 0.00 | 19.14 1.47 0.00 | 19.90 1.46 0.00 | 20.04 1.45 0.00 | 21.60 1.72 0.00 | 20.86 1.73 0.00 | 18.05 1.40 0.00 | 15.56 1.12 0.00 | 16.20 1.11 0.00 | 17.27 1.27 0.00 | 16.32 1.11 0.00 | 103.16 1.03 -87.10 | 30.12 1.18 -12.65 | 48.35 1.28 -30.29 | 26.91 1.54 -5.96 | 26.10 1.86 -1.53 | 55.13 2.23 -26.32 | 56.79 2.63 -22.30 | 51.03 2.26 -20.15 | 34.28 2.01 -7.29 | 31.79 1.56 -11.18 | 31.13 1.22 -13.22 |

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| BRISTLHL_115KV_TB1 79998 | 18.63 -0.43 0.00 | 17.27 -0.39 0.00 | 16.48 -0.37 0.00 | 17.27 -0.40 0.00 | 18.01 -0.43 0.00 | 18.17 -0.43 0.00 | 19.41 -0.46 0.00 | 18.69 -0.45 0.00 | 16.25 -0.40 0.00 | 14.07 -0.37 0.00 | 14.72 -0.36 0.00 | 15.63 -0.37 0.00 | 14.88 -0.33 0.00 | 14.74 -0.30 0.00 | 15.97 -0.32 0.00 | 16.43 -0.35 0.00 | 18.96 -0.46 0.00 | 22.13 -0.58 0.00 | 25.89 -0.69 0.00 | 31.03 -0.84 0.00 | 27.78 -0.85 0.00 | 24.23 -0.74 0.00 | 18.51 -0.54 0.00 | 16.24 -0.45 0.00 |
| BROOKHAVEN___DRP 24191 | 20.48 1.42 0.00 | 19.12 1.46 0.00 | 18.28 1.43 0.00 | 19.15 1.48 0.00 | 19.92 1.48 0.00 | 20.16 1.57 0.00 | 21.79 1.91 0.00 | 21.03 1.89 0.00 | 18.18 1.53 0.00 | 15.62 1.18 0.00 | 16.15 1.06 0.00 | 17.25 1.26 0.00 | 16.30 1.09 0.00 | 103.09 0.95 -87.10 | 30.00 1.06 -12.66 | 48.34 1.27 -30.29 | 26.81 1.44 -5.96 | 26.02 1.77 -1.53 | 55.11 2.21 -26.32 | 56.82 2.66 -22.30 | 51.13 2.35 -20.15 | 34.22 1.96 -7.29 | 31.75 1.53 -11.18 | 31.06 1.14 -13.22 |
| BROOKLYN_NAVY_YARD 23515 | 20.26 1.21 0.00 | 18.80 1.14 0.00 | 17.95 1.11 0.00 | 18.82 1.15 0.00 | 19.55 1.11 0.00 | 19.69 1.10 0.00 | 21.14 1.27 0.00 | 20.45 1.31 0.00 | 17.84 1.19 0.00 | 15.51 1.08 0.00 | 16.11 1.02 0.00 | 17.00 1.01 0.00 | 16.16 0.95 0.00 | 15.92 0.89 0.00 | 17.28 0.99 0.00 | 17.80 1.03 0.00 | 20.63 1.22 0.00 | 24.18 1.46 0.00 | 28.29 1.72 0.00 | 33.92 2.05 0.00 | 30.47 1.85 0.00 | 26.52 1.55 0.00 | 20.27 1.22 0.00 | 17.69 0.99 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 20.45 1.39 0.00 | 18.99 1.34 0.00 | 18.14 1.29 0.00 | 19.01 1.34 0.00 | 19.76 1.33 0.00 | 19.89 1.30 0.00 | 21.42 1.54 0.00 | 20.69 1.55 0.00 | 17.95 1.30 0.00 | 15.54 1.10 0.00 | 16.18 1.09 0.00 | 17.21 1.21 0.00 | 16.29 1.08 0.00 | 103.21 1.07 -87.10 | 30.17 1.25 -12.63 | 48.43 1.37 -30.29 | 27.00 1.63 -5.96 | 26.19 1.94 -1.53 | 55.21 2.31 -26.32 | 56.94 2.78 -22.30 | 51.25 2.48 -20.15 | 34.36 2.10 -7.29 | 31.81 1.59 -11.18 | 31.19 1.27 -13.22 |
| BROOME_2_LFGE 323671 | 19.07 0.01 0.00 | 17.71 0.05 0.00 | 16.91 0.06 0.00 | 17.72 0.05 0.00 | 18.43 -0.01 0.00 | 18.58 -0.01 0.00 | 19.84 -0.03 0.00 | 19.12 -0.02 0.00 | 16.60 -0.05 0.00 | 14.40 -0.04 0.00 | 15.12 0.03 0.00 | 16.03 0.03 0.00 | 15.25 0.04 0.00 | 15.13 0.09 0.00 | 16.42 0.13 0.00 | 16.90 0.12 0.00 | 19.48 0.07 0.00 | 22.71 0.00 0.00 | 26.59 0.01 0.00 | 31.87 0.00 0.00 | 28.42 -0.20 0.00 | 24.86 -0.11 0.00 | 18.99 -0.06 0.00 | 16.69 0.00 0.00 |
| BROOME___LFGE 323600 | 19.07 0.01 0.00 | 17.71 0.05 0.00 | 16.91 0.06 0.00 | 17.72 0.05 0.00 | 18.43 -0.01 0.00 | 18.58 -0.01 0.00 | 19.84 -0.03 0.00 | 19.12 -0.02 0.00 | 16.60 -0.05 0.00 | 14.40 -0.04 0.00 | 15.12 0.03 0.00 | 16.03 0.03 0.00 | 15.25 0.04 0.00 | 15.13 0.09 0.00 | 16.42 0.13 0.00 | 16.90 0.12 0.00 | 19.48 0.07 0.00 | 22.71 0.00 0.00 | 26.59 0.01 0.00 | 31.87 0.00 0.00 | 28.42 -0.20 0.00 | 24.86 -0.11 0.00 | 18.99 -0.06 0.00 | 16.69 0.00 0.00 |
| BROWNFLS_115KV_TB 3_5 80003 | 18.42 -0.64 0.00 | 16.97 -0.69 0.00 | 16.15 -0.70 0.00 | 16.96 -0.71 0.00 | 17.82 -0.62 0.00 | 18.06 -0.53 0.00 | 19.32 -0.55 0.00 | 18.54 -0.60 0.00 | 16.14 -0.51 0.00 | 13.94 -0.50 0.00 | 14.44 -0.65 0.00 | 15.24 -0.75 0.00 | 14.52 -0.69 0.00 | 14.39 -0.65 0.00 | 15.70 -0.59 0.00 | 16.20 -0.58 0.00 | 18.68 -0.73 0.00 | 22.01 -0.71 0.00 | 25.84 -0.74 0.00 | 31.05 -0.82 0.00 | 27.94 -0.69 0.00 | 24.41 -0.56 0.00 | 18.56 -0.48 0.00 | 16.22 -0.47 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 20.42 1.36 0.00 | 18.94 1.28 0.00 | 18.08 1.24 0.00 | 18.95 1.28 0.00 | 19.69 1.25 0.00 | 19.83 1.23 0.00 | 21.30 1.43 0.00 | 20.61 1.47 0.00 | 17.97 1.32 0.00 | 15.63 1.19 0.00 | 16.23 1.15 0.00 | 17.16 1.17 0.00 | 16.30 1.09 0.00 | 16.08 1.05 0.00 | 17.43 1.14 0.00 | 17.98 1.20 0.00 | 20.84 1.43 0.00 | 24.42 1.70 0.00 | 28.57 1.99 0.00 | 34.24 2.38 0.00 | 30.77 2.14 0.00 | 26.78 1.81 0.00 | 20.44 1.40 0.00 | 17.85 1.15 0.00 |
| BURROWS___LYONSDAL 23803 | 18.93 -0.13 0.00 | 17.44 -0.22 0.00 | 16.60 -0.25 0.00 | 17.43 -0.24 0.00 | 18.28 -0.16 0.00 | 18.55 -0.04 0.00 | 19.86 -0.01 0.00 | 19.07 -0.07 0.00 | 16.57 -0.08 0.00 | 14.29 -0.15 0.00 | 14.78 -0.31 0.00 | 15.61 -0.39 0.00 | 14.85 -0.36 0.00 | 14.72 -0.31 0.00 | 16.08 -0.21 0.00 | 16.60 -0.18 0.00 | 19.13 -0.29 0.00 | 22.50 -0.22 0.00 | 26.46 -0.12 0.00 | 31.78 -0.08 0.00 | 28.46 -0.17 0.00 | 24.84 -0.13 0.00 | 18.90 -0.14 0.00 | 16.54 -0.16 0.00 |
| CAITHNESS_CC_1 323624 | 20.48 1.42 0.00 | 19.11 1.45 0.00 | 18.26 1.41 0.00 | 19.13 1.46 0.00 | 19.90 1.46 0.00 | 20.12 1.52 0.00 | 21.72 1.85 0.00 | 20.98 1.84 0.00 | 18.13 1.49 0.00 | 15.59 1.15 0.00 | 16.15 1.06 0.00 | 17.24 1.25 0.00 | 16.29 1.08 0.00 | 103.09 0.95 -87.10 | 30.02 1.07 -12.66 | 48.33 1.26 -30.29 | 26.82 1.45 -5.96 | 26.02 1.77 -1.53 | 55.08 2.18 -26.32 | 56.80 2.64 -22.30 | 51.10 2.33 -20.15 | 34.21 1.95 -7.29 | 31.74 1.52 -11.18 | 31.06 1.15 -13.22 |
| CALPINE BETH_PAGE_GT4 24209 | 20.43 1.37 0.00 | 18.98 1.32 0.00 | 18.12 1.28 0.00 | 18.99 1.32 0.00 | 19.75 1.31 0.00 | 19.88 1.29 0.00 | 21.41 1.54 0.00 | 20.68 1.54 0.00 | 17.93 1.28 0.00 | 15.49 1.06 0.00 | 16.12 1.04 0.00 | 17.16 1.16 0.00 | 16.24 1.03 0.00 | 103.14 1.00 -87.10 | 30.11 1.17 -12.64 | 48.37 1.30 -30.29 | 26.93 1.56 -5.96 | 26.07 1.83 -1.53 | 55.06 2.16 -26.32 | 56.74 2.57 -22.30 | 51.06 2.28 -20.15 | 34.20 1.94 -7.29 | 31.70 1.48 -11.18 | 31.07 1.15 -13.22 |
| CALPINE_BETH_PAGE_GT_4 323586 | 20.43 1.37 0.00 | 18.98 1.32 0.00 | 18.12 1.28 0.00 | 18.99 1.32 0.00 | 19.75 1.31 0.00 | 19.88 1.29 0.00 | 21.41 1.54 0.00 | 20.68 1.54 0.00 | 17.93 1.28 0.00 | 15.49 1.06 0.00 | 16.12 1.04 0.00 | 17.16 1.16 0.00 | 16.24 1.03 0.00 | 103.14 1.00 -87.10 | 30.10 1.17 -12.64 | 48.36 1.29 -30.29 | 26.93 1.56 -5.96 | 26.07 1.83 -1.53 | 55.06 2.16 -26.32 | 56.74 2.57 -22.30 | 51.06 2.28 -20.15 | 34.20 1.94 -7.29 | 31.70 1.47 -11.18 | 31.07 1.15 -13.22 |
| CALPINE_BP_GT1 23823 | 20.43 1.37 0.00 | 18.98 1.32 0.00 | 18.12 1.28 0.00 | 18.99 1.32 0.00 | 19.75 1.31 0.00 | 19.88 1.29 0.00 | 21.41 1.54 0.00 | 20.68 1.54 0.00 | 17.93 1.28 0.00 | 15.49 1.06 0.00 | 16.12 1.04 0.00 | 17.16 1.16 0.00 | 16.24 1.03 0.00 | 103.14 1.00 -87.10 | 30.10 1.17 -12.64 | 48.36 1.29 -30.29 | 26.93 1.56 -5.96 | 26.07 1.83 -1.53 | 55.06 2.16 -26.32 | 56.74 2.57 -22.30 | 51.06 2.28 -20.15 | 34.20 1.94 -7.29 | 31.70 1.47 -11.18 | 31.07 1.15 -13.22 |
| CALSPAN___DRP 24200 | 18.39 -0.67 0.00 | 17.16 -0.49 0.00 | 16.35 -0.50 0.00 | 17.07 -0.60 0.00 | 17.77 -0.67 0.00 | 17.87 -0.72 0.00 | 18.84 -1.04 0.00 | 18.10 -1.04 0.00 | 15.82 -0.82 0.00 | 13.79 -0.65 0.00 | 14.66 -0.43 0.00 | 15.64 -0.36 0.00 | 14.89 -0.32 0.00 | 14.81 -0.22 0.00 | 16.06 -0.23 0.00 | 16.44 -0.33 0.00 | 18.89 -0.52 0.00 | 21.72 -1.00 0.00 | 25.31 -1.27 0.00 | 30.29 -1.57 0.00 | 26.74 -1.88 0.00 | 23.53 -1.44 0.00 | 18.09 -0.95 0.00 | 16.00 -0.69 0.00 |

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| CALVERTON___SOLAR 323806 | 20.50 1.44 0.00 | 19.15 1.49 0.00 | 18.31 1.46 0.00 | 19.17 1.51 0.00 | 19.96 1.52 0.00 | 20.22 1.62 0.00 | 21.86 1.98 0.00 | 21.10 1.96 0.00 | 18.23 1.59 0.00 | 15.65 1.21 0.00 | 16.16 1.07 0.00 | 17.27 1.27 0.00 | 16.32 1.10 0.00 | 103.08 0.94 -87.10 | 29.99 1.05 -12.66 | 48.34 1.27 -30.29 | 26.81 1.44 -5.96 | 26.02 1.77 -1.53 | 55.13 2.24 -26.32 | 56.87 2.70 -22.30 | 51.16 2.39 -20.15 | 34.24 1.98 -7.29 | 31.77 1.54 -11.18 | 31.06 1.14 -13.22 |
| CANDIGU_WT_PWR 323617 | 18.24 -0.82 0.00 | 17.01 -0.65 0.00 | 16.20 -0.64 0.00 | 16.89 -0.78 0.00 | 17.51 -0.93 0.00 | 17.64 -0.96 0.00 | 18.77 -1.10 0.00 | 18.10 -1.04 0.00 | 15.73 -0.92 0.00 | 13.65 -0.79 0.00 | 14.46 -0.63 0.00 | 15.32 -0.68 0.00 | 14.56 -0.65 0.00 | 14.49 -0.54 0.00 | 15.74 -0.55 0.00 | 16.19 -0.59 0.00 | 18.60 -0.82 0.00 | 21.54 -1.18 0.00 | 25.19 -1.39 0.00 | 30.19 -1.68 0.00 | 26.72 -1.90 0.00 | 23.46 -1.51 0.00 | 17.96 -1.09 0.00 | 15.85 -0.84 0.00 |
| CARR STREET_E_SYR 24060 | 18.87 -0.18 0.00 | 17.50 -0.15 0.00 | 16.71 -0.14 0.00 | 17.50 -0.16 0.00 | 18.25 -0.19 0.00 | 18.41 -0.19 0.00 | 19.65 -0.22 0.00 | 18.92 -0.22 0.00 | 16.45 -0.20 0.00 | 14.26 -0.18 0.00 | 14.94 -0.15 0.00 | 15.86 -0.14 0.00 | 15.10 -0.11 0.00 | 14.96 -0.08 0.00 | 16.21 -0.08 0.00 | 16.65 -0.13 0.00 | 19.19 -0.22 0.00 | 22.39 -0.33 0.00 | 26.20 -0.38 0.00 | 31.40 -0.46 0.00 | 28.10 -0.52 0.00 | 24.52 -0.45 0.00 | 18.73 -0.32 0.00 | 16.44 -0.26 0.00 |
| CARTHAGE___PAPER 23857 | 18.64 -0.42 0.00 | 17.13 -0.52 0.00 | 16.28 -0.57 0.00 | 17.09 -0.58 0.00 | 17.96 -0.48 0.00 | 18.27 -0.33 0.00 | 19.60 -0.27 0.00 | 18.78 -0.36 0.00 | 16.32 -0.33 0.00 | 14.02 -0.42 0.00 | 14.42 -0.67 0.00 | 15.15 -0.85 0.00 | 14.46 -0.76 0.00 | 14.38 -0.65 0.00 | 15.81 -0.48 0.00 | 16.30 -0.48 0.00 | 18.72 -0.70 0.00 | 22.12 -0.59 0.00 | 26.07 -0.51 0.00 | 31.33 -0.53 0.00 | 28.10 -0.53 0.00 | 24.54 -0.43 0.00 | 18.66 -0.38 0.00 | 16.30 -0.39 0.00 |
| CASSADAGA_WT_PWR 323784 | 18.15 -0.91 0.00 | 16.95 -0.71 0.00 | 16.11 -0.73 0.00 | 16.81 -0.86 0.00 | 17.49 -0.95 0.00 | 17.60 -0.99 0.00 | 18.56 -1.31 0.00 | 17.89 -1.25 0.00 | 15.65 -1.00 0.00 | 13.76 -0.68 0.00 | 14.54 -0.55 0.00 | 15.51 -0.49 0.00 | 14.71 -0.50 0.00 | 14.62 -0.41 0.00 | 15.92 -0.37 0.00 | 16.38 -0.40 0.00 | 18.82 -0.60 0.00 | 21.59 -1.12 0.00 | 25.20 -1.38 0.00 | 30.20 -1.67 0.00 | 26.36 -2.27 0.00 | 23.20 -1.77 0.00 | 17.87 -1.18 0.00 | 15.65 -1.04 0.00 |
| CE_DUNWOOD___DRP 24194 | 20.15 1.09 0.00 | 18.68 1.03 0.00 | 17.85 1.00 0.00 | 18.71 1.05 0.00 | 19.45 1.01 0.00 | 19.60 1.01 0.00 | 21.06 1.19 0.00 | 20.34 1.20 0.00 | 17.70 1.05 0.00 | 15.37 0.93 0.00 | 15.97 0.89 0.00 | 16.90 0.90 0.00 | 16.05 0.83 0.00 | 15.83 0.79 0.00 | 17.17 0.87 0.00 | 17.71 0.94 0.00 | 20.54 1.13 0.00 | 24.08 1.37 0.00 | 28.21 1.63 0.00 | 33.82 1.96 0.00 | 30.37 1.75 0.00 | 26.43 1.46 0.00 | 20.16 1.11 0.00 | 17.60 0.90 0.00 |
| CE_MILLWOOD___DRP 24193 | 20.12 1.07 0.00 | 18.66 1.01 0.00 | 17.83 0.98 0.00 | 18.69 1.03 0.00 | 19.43 0.99 0.00 | 19.58 0.98 0.00 | 21.03 1.16 0.00 | 20.31 1.17 0.00 | 17.68 1.03 0.00 | 15.34 0.90 0.00 | 15.95 0.86 0.00 | 16.87 0.87 0.00 | 16.02 0.81 0.00 | 15.80 0.77 0.00 | 17.13 0.84 0.00 | 17.68 0.90 0.00 | 20.51 1.10 0.00 | 24.04 1.33 0.00 | 28.17 1.59 0.00 | 33.78 1.92 0.00 | 30.33 1.70 0.00 | 26.40 1.42 0.00 | 20.12 1.08 0.00 | 17.57 0.88 0.00 |
| CE_NYC2_DRP 24202 | 20.29 1.23 0.00 | 18.81 1.15 0.00 | 17.96 1.11 0.00 | 18.82 1.15 0.00 | 19.55 1.11 0.00 | 19.69 1.10 0.00 | 21.16 1.28 0.00 | 20.46 1.33 0.00 | 17.84 1.19 0.00 | 15.53 1.09 0.00 | 16.10 1.02 0.00 | 17.02 1.02 0.00 | 16.18 0.96 0.00 | 15.95 0.92 0.00 | 17.29 1.00 0.00 | 17.84 1.07 0.00 | 20.67 1.26 0.00 | 24.21 1.49 0.00 | 28.35 1.77 0.00 | 33.96 2.10 0.00 | 30.55 1.92 0.00 | 26.58 1.61 0.00 | 20.30 1.25 0.00 | 17.72 1.03 0.00 |
| CE_NYC_DRP 24195 | 20.29 1.23 0.00 | 18.81 1.15 0.00 | 17.96 1.12 0.00 | 18.83 1.16 0.00 | 19.56 1.12 0.00 | 19.71 1.11 0.00 | 21.17 1.30 0.00 | 20.48 1.34 0.00 | 17.85 1.21 0.00 | 15.53 1.09 0.00 | 16.13 1.04 0.00 | 17.05 1.05 0.00 | 16.19 0.98 0.00 | 15.97 0.94 0.00 | 17.31 1.02 0.00 | 17.86 1.08 0.00 | 20.69 1.28 0.00 | 24.24 1.53 0.00 | 28.36 1.78 0.00 | 33.99 2.12 0.00 | 30.54 1.91 0.00 | 26.59 1.62 0.00 | 20.30 1.25 0.00 | 17.72 1.03 0.00 |
| CHAFFEE___LFGE 323603 | 18.55 -0.51 0.00 | 17.30 -0.36 0.00 | 16.47 -0.38 0.00 | 17.21 -0.46 0.00 | 17.91 -0.53 0.00 | 18.02 -0.57 0.00 | 19.00 -0.87 0.00 | 18.28 -0.86 0.00 | 15.99 -0.66 0.00 | 13.94 -0.50 0.00 | 14.82 -0.26 0.00 | 15.82 -0.18 0.00 | 15.05 -0.16 0.00 | 14.97 -0.07 0.00 | 16.23 -0.06 0.00 | 16.65 -0.13 0.00 | 19.09 -0.32 0.00 | 21.96 -0.76 0.00 | 25.59 -0.98 0.00 | 30.63 -1.24 0.00 | 27.06 -1.56 0.00 | 23.81 -1.17 0.00 | 18.29 -0.75 0.00 | 16.16 -0.53 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 18.75 -0.30 0.00 | 17.35 -0.31 0.00 | 16.61 -0.24 0.00 | 17.54 -0.13 0.00 | 18.39 -0.05 0.00 | 18.46 -0.13 0.00 | 19.66 -0.21 0.00 | 19.06 -0.07 0.00 | 16.73 0.09 0.00 | 14.61 0.17 0.00 | 15.32 0.23 0.00 | 16.19 0.19 0.00 | 15.24 0.03 0.00 | 15.03 -0.01 0.00 | 16.25 -0.04 0.00 | 16.73 -0.05 0.00 | 19.46 0.05 0.00 | 23.04 0.32 0.00 | 26.98 0.40 0.00 | 32.54 0.68 0.00 | 29.44 0.81 0.00 | 25.68 0.71 0.00 | 19.50 0.45 0.00 | 16.91 0.21 0.00 |
| CHATEAUG_WT_PWR 323614 | 18.68 -0.38 0.00 | 17.28 -0.37 0.00 | 16.57 -0.28 0.00 | 17.53 -0.14 0.00 | 18.38 -0.06 0.00 | 18.43 -0.16 0.00 | 19.63 -0.24 0.00 | 19.06 -0.08 0.00 | 16.76 0.11 0.00 | 14.65 0.21 0.00 | 15.37 0.28 0.00 | 16.23 0.23 0.00 | 15.27 0.06 0.00 | 15.03 -0.01 0.00 | 16.25 -0.04 0.00 | 16.73 -0.05 0.00 | 19.46 0.05 0.00 | 23.07 0.35 0.00 | 27.03 0.45 0.00 | 32.61 0.74 0.00 | 29.49 0.87 0.00 | 25.68 0.71 0.00 | 19.49 0.45 0.00 | 16.89 0.19 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 18.75 -0.30 0.00 | 17.35 -0.31 0.00 | 16.61 -0.24 0.00 | 17.54 -0.13 0.00 | 18.39 -0.05 0.00 | 18.46 -0.13 0.00 | 19.66 -0.21 0.00 | 19.06 -0.07 0.00 | 16.73 0.09 0.00 | 14.61 0.17 0.00 | 15.32 0.23 0.00 | 16.19 0.19 0.00 | 15.24 0.03 0.00 | 15.03 -0.01 0.00 | 16.25 -0.04 0.00 | 16.73 -0.05 0.00 | 19.46 0.05 0.00 | 23.04 0.32 0.00 | 26.98 0.40 0.00 | 32.54 0.68 0.00 | 29.44 0.81 0.00 | 25.68 0.71 0.00 | 19.50 0.45 0.00 | 16.91 0.21 0.00 |
| CHAUTAUQUA___LFGE 323629 | 18.32 -0.74 0.00 | 17.11 -0.55 0.00 | 16.28 -0.57 0.00 | 17.01 -0.66 0.00 | 17.69 -0.75 0.00 | 17.79 -0.80 0.00 | 18.78 -1.09 0.00 | 18.09 -1.05 0.00 | 15.79 -0.86 0.00 | 13.83 -0.61 0.00 | 14.67 -0.41 0.00 | 15.62 -0.38 0.00 | 14.85 -0.36 0.00 | 14.76 -0.28 0.00 | 16.04 -0.25 0.00 | 16.49 -0.29 0.00 | 18.91 -0.51 0.00 | 21.72 -0.99 0.00 | 25.33 -1.25 0.00 | 30.37 -1.49 0.00 | 26.68 -1.95 0.00 | 23.48 -1.49 0.00 | 18.05 -0.99 0.00 | 15.92 -0.78 0.00 |
| CHERRYST_13_KV_LD 356241 | 20.34 1.28 0.00 | 18.85 1.19 0.00 | 18.01 1.16 0.00 | 18.87 1.20 0.00 | 19.61 1.17 0.00 | 19.75 1.16 0.00 | 21.23 1.35 0.00 | 20.54 1.40 0.00 | 17.90 1.26 0.00 | 15.57 1.13 0.00 | 16.17 1.08 0.00 | 17.10 1.10 0.00 | 16.24 1.03 0.00 | 16.02 0.98 0.00 | 17.36 1.07 0.00 | 17.91 1.13 0.00 | 20.75 1.33 0.00 | 24.31 1.59 0.00 | 28.44 1.86 0.00 | 34.08 2.22 0.00 | 30.62 1.99 0.00 | 26.65 1.68 0.00 | 20.35 1.30 0.00 | 17.76 1.07 0.00 |

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| CHESTROR_138KV_BK263 355645 | 20.00 0.94 0.00 | 18.53 0.87 0.00 | 17.70 0.85 0.00 | 18.57 0.90 0.00 | 19.31 0.87 0.00 | 19.46 0.87 0.00 | 20.89 1.02 0.00 | 20.16 1.02 0.00 | 17.52 0.88 0.00 | 15.19 0.75 0.00 | 15.81 0.72 0.00 | 16.73 0.73 0.00 | 15.88 0.67 0.00 | 15.66 0.63 0.00 | 16.99 0.70 0.00 | 17.54 0.76 0.00 | 20.36 0.94 0.00 | 23.87 1.16 0.00 | 27.97 1.39 0.00 | 33.56 1.70 0.00 | 30.10 1.48 0.00 | 26.19 1.22 0.00 | 19.96 0.91 0.00 | 17.44 0.75 0.00 |
| CH_MIDHUDSON___DRP 24192 | 20.34 1.28 0.00 | 18.85 1.19 0.00 | 18.00 1.16 0.00 | 18.88 1.21 0.00 | 19.64 1.20 0.00 | 19.80 1.21 0.00 | 21.26 1.39 0.00 | 20.52 1.38 0.00 | 17.83 1.18 0.00 | 15.44 1.00 0.00 | 16.05 0.97 0.00 | 16.98 0.98 0.00 | 16.11 0.90 0.00 | 15.91 0.87 0.00 | 17.25 0.96 0.00 | 17.82 1.04 0.00 | 20.71 1.30 0.00 | 24.32 1.61 0.00 | 28.53 1.95 0.00 | 34.25 2.38 0.00 | 30.74 2.11 0.00 | 26.73 1.76 0.00 | 20.36 1.31 0.00 | 17.77 1.08 0.00 |
| CH_MISC_IPPS 23765 | 20.32 1.26 0.00 | 18.83 1.18 0.00 | 17.99 1.14 0.00 | 18.86 1.19 0.00 | 19.62 1.18 0.00 | 19.78 1.19 0.00 | 21.24 1.36 0.00 | 20.50 1.36 0.00 | 17.81 1.16 0.00 | 15.42 0.99 0.00 | 16.04 0.96 0.00 | 16.97 0.97 0.00 | 16.10 0.89 0.00 | 15.90 0.87 0.00 | 17.25 0.96 0.00 | 17.81 1.03 0.00 | 20.71 1.29 0.00 | 24.30 1.59 0.00 | 28.50 1.92 0.00 | 34.21 2.34 0.00 | 30.69 2.07 0.00 | 26.69 1.73 0.00 | 20.33 1.29 0.00 | 17.75 1.05 0.00 |
| CH_RES_BVR_FALLS 23983 | 18.67 -0.39 0.00 | 17.26 -0.40 0.00 | 16.44 -0.41 0.00 | 17.27 -0.39 0.00 | 18.13 -0.31 0.00 | 18.29 -0.31 0.00 | 19.52 -0.36 0.00 | 18.80 -0.34 0.00 | 16.40 -0.25 0.00 | 14.21 -0.23 0.00 | 14.84 -0.25 0.00 | 15.72 -0.28 0.00 | 14.94 -0.27 0.00 | 14.76 -0.28 0.00 | 16.00 -0.29 0.00 | 16.46 -0.32 0.00 | 19.04 -0.37 0.00 | 22.34 -0.38 0.00 | 26.14 -0.43 0.00 | 31.28 -0.58 0.00 | 28.21 -0.41 0.00 | 24.58 -0.39 0.00 | 18.68 -0.36 0.00 | 16.36 -0.33 0.00 |
| CH_RES_NIAGARA 23895 | 17.82 -1.24 0.00 | 16.64 -1.02 0.00 | 15.84 -1.01 0.00 | 16.55 -1.12 0.00 | 17.24 -1.20 0.00 | 17.33 -1.27 0.00 | 18.18 -1.69 0.00 | 17.44 -1.70 0.00 | 15.28 -1.36 0.00 | 13.33 -1.11 0.00 | 14.26 -0.83 0.00 | 15.26 -0.74 0.00 | 14.52 -0.69 0.00 | 14.45 -0.58 0.00 | 15.66 -0.62 0.00 | 16.02 -0.76 0.00 | 18.34 -1.08 0.00 | 21.00 -1.71 0.00 | 24.45 -2.13 0.00 | 29.22 -2.64 0.00 | 25.83 -2.80 0.00 | 22.74 -2.23 0.00 | 17.51 -1.54 0.00 | 15.52 -1.17 0.00 |
| CH_RES_SYRACUSE 23985 | 19.11 0.05 0.00 | 17.73 0.07 0.00 | 16.92 0.07 0.00 | 17.73 0.06 0.00 | 18.49 0.05 0.00 | 18.64 0.05 0.00 | 19.89 0.02 0.00 | 19.17 0.03 0.00 | 16.65 0.00 0.00 | 14.43 -0.01 0.00 | 15.11 0.02 0.00 | 16.05 0.05 0.00 | 15.30 0.09 0.00 | 15.16 0.12 0.00 | 16.43 0.14 0.00 | 16.74 -0.04 0.00 | 19.25 -0.17 0.00 | 22.47 -0.24 0.00 | 26.27 -0.31 0.00 | 31.50 -0.37 0.00 | 28.20 -0.43 0.00 | 24.60 -0.37 0.00 | 18.78 -0.26 0.00 | 16.48 -0.22 0.00 |
| CLINTON_WT_PWR 323605 | 18.68 -0.38 0.00 | 17.28 -0.37 0.00 | 16.57 -0.28 0.00 | 17.53 -0.14 0.00 | 18.38 -0.06 0.00 | 18.43 -0.16 0.00 | 19.63 -0.24 0.00 | 19.06 -0.08 0.00 | 16.76 0.11 0.00 | 14.65 0.21 0.00 | 15.37 0.28 0.00 | 16.23 0.23 0.00 | 15.27 0.06 0.00 | 15.03 -0.01 0.00 | 16.25 -0.04 0.00 | 16.73 -0.05 0.00 | 19.46 0.05 0.00 | 23.07 0.35 0.00 | 27.03 0.45 0.00 | 32.61 0.74 0.00 | 29.49 0.87 0.00 | 25.68 0.71 0.00 | 19.49 0.45 0.00 | 16.89 0.19 0.00 |
| CLINTON___LFGE 323618 | 18.88 -0.18 0.00 | 17.46 -0.20 0.00 | 16.76 -0.09 0.00 | 17.76 0.09 0.00 | 18.62 0.18 0.00 | 18.70 0.11 0.00 | 19.94 0.07 0.00 | 19.38 0.24 0.00 | 17.04 0.40 0.00 | 14.91 0.47 0.00 | 15.64 0.55 0.00 | 16.47 0.48 0.00 | 15.47 0.26 0.00 | 15.18 0.14 0.00 | 16.40 0.11 0.00 | 16.90 0.13 0.00 | 19.71 0.30 0.00 | 23.48 0.77 0.00 | 27.56 0.98 0.00 | 33.30 1.44 0.00 | 30.11 1.48 0.00 | 26.19 1.22 0.00 | 19.82 0.77 0.00 | 17.14 0.45 0.00 |
| COBBLENY_34_KV_TB1 80064 | 18.55 -0.51 0.00 | 17.30 -0.36 0.00 | 16.47 -0.37 0.00 | 17.21 -0.46 0.00 | 17.91 -0.52 0.00 | 18.02 -0.57 0.00 | 19.00 -0.87 0.00 | 18.28 -0.86 0.00 | 15.99 -0.66 0.00 | 13.94 -0.50 0.00 | 14.82 -0.26 0.00 | 15.82 -0.18 0.00 | 15.06 -0.16 0.00 | 14.97 -0.07 0.00 | 16.22 -0.07 0.00 | 16.62 -0.16 0.00 | 19.09 -0.32 0.00 | 21.96 -0.76 0.00 | 25.59 -0.98 0.00 | 30.63 -1.24 0.00 | 27.06 -1.57 0.00 | 23.80 -1.17 0.00 | 18.29 -0.75 0.00 | 16.16 -0.53 0.00 |
| COFFEEN___115KV_TB3 355620 | 18.65 -0.40 0.00 | 17.15 -0.51 0.00 | 16.28 -0.56 0.00 | 17.07 -0.60 0.00 | 17.94 -0.50 0.00 | 18.23 -0.36 0.00 | 19.59 -0.29 0.00 | 18.74 -0.39 0.00 | 16.30 -0.35 0.00 | 13.95 -0.48 0.00 | 14.35 -0.74 0.00 | 15.02 -0.98 0.00 | 14.38 -0.83 0.00 | 14.36 -0.68 0.00 | 15.80 -0.49 0.00 | 16.25 -0.53 0.00 | 18.66 -0.75 0.00 | 22.11 -0.61 0.00 | 26.05 -0.53 0.00 | 31.29 -0.58 0.00 | 28.06 -0.57 0.00 | 24.49 -0.48 0.00 | 18.62 -0.43 0.00 | 16.26 -0.44 0.00 |
| COLDSPRG_115KV_BK1 355956 | 18.92 -0.14 0.00 | 17.64 -0.01 0.00 | 16.81 -0.04 0.00 | 17.55 -0.12 0.00 | 18.25 -0.19 0.00 | 18.38 -0.22 0.00 | 19.44 -0.43 0.00 | 18.73 -0.41 0.00 | 16.33 -0.32 0.00 | 14.26 -0.18 0.00 | 15.13 0.05 0.00 | 16.14 0.15 0.00 | 15.35 0.13 0.00 | 15.29 0.26 0.00 | 16.62 0.33 0.00 | 17.07 0.30 0.00 | 19.60 0.19 0.00 | 22.45 -0.26 0.00 | 26.20 -0.38 0.00 | 31.41 -0.45 0.00 | 27.59 -1.03 0.00 | 24.29 -0.68 0.00 | 18.68 -0.37 0.00 | 16.47 -0.23 0.00 |
| COLONIE_LFGE___ 323577 | 19.55 0.49 0.00 | 18.11 0.46 0.00 | 17.33 0.48 0.00 | 18.18 0.51 0.00 | 18.93 0.49 0.00 | 19.08 0.49 0.00 | 20.44 0.57 0.00 | 19.65 0.51 0.00 | 17.03 0.38 0.00 | 14.70 0.26 0.00 | 15.29 0.20 0.00 | 16.17 0.18 0.00 | 15.43 0.22 0.00 | 15.21 0.17 0.00 | 16.45 0.16 0.00 | 16.97 0.19 0.00 | 19.71 0.29 0.00 | 23.16 0.45 0.00 | 27.16 0.59 0.00 | 32.60 0.74 0.00 | 29.30 0.67 0.00 | 25.54 0.57 0.00 | 19.46 0.41 0.00 | 17.06 0.37 0.00 |
| COOPERNY_115KV_TB1 80082 | 19.78 0.72 0.00 | 18.33 0.68 0.00 | 17.51 0.66 0.00 | 18.37 0.70 0.00 | 19.11 0.67 0.00 | 19.27 0.67 0.00 | 20.66 0.79 0.00 | 19.93 0.79 0.00 | 17.33 0.68 0.00 | 15.02 0.58 0.00 | 15.65 0.56 0.00 | 16.58 0.58 0.00 | 15.74 0.53 0.00 | 15.54 0.50 0.00 | 16.86 0.57 0.00 | 17.39 0.61 0.00 | 20.16 0.74 0.00 | 23.61 0.90 0.00 | 27.65 1.07 0.00 | 33.17 1.30 0.00 | 29.75 1.12 0.00 | 25.91 0.94 0.00 | 19.75 0.71 0.00 | 17.28 0.58 0.00 |
| COPENHAGEN_WT_PWR 323753 | 18.37 -0.69 0.00 | 16.88 -0.77 0.00 | 16.02 -0.83 0.00 | 16.78 -0.89 0.00 | 17.64 -0.80 0.00 | 17.94 -0.66 0.00 | 19.32 -0.56 0.00 | 18.53 -0.61 0.00 | 16.12 -0.53 0.00 | 13.85 -0.58 0.00 | 14.23 -0.86 0.00 | 14.90 -1.10 0.00 | 14.23 -0.98 0.00 | 14.13 -0.90 0.00 | 15.52 -0.76 0.00 | 16.00 -0.78 0.00 | 18.34 -1.08 0.00 | 21.67 -1.04 0.00 | 25.54 -1.03 0.00 | 30.67 -1.19 0.00 | 27.49 -1.14 0.00 | 23.99 -0.98 0.00 | 18.26 -0.79 0.00 | 15.96 -0.73 0.00 |
| CORNELL_____ 23752 | 19.29 0.23 0.00 | 17.90 0.24 0.00 | 17.08 0.24 0.00 | 17.89 0.22 0.00 | 18.63 0.19 0.00 | 18.79 0.20 0.00 | 20.06 0.19 0.00 | 19.31 0.18 0.00 | 16.75 0.10 0.00 | 14.50 0.06 0.00 | 15.19 0.11 0.00 | 16.13 0.13 0.00 | 15.38 0.16 0.00 | 15.27 0.23 0.00 | 16.55 0.26 0.00 | 16.98 0.20 0.00 | 19.58 0.16 0.00 | 22.92 0.20 0.00 | 26.84 0.26 0.00 | 32.14 0.27 0.00 | 28.75 0.12 0.00 | 25.09 0.12 0.00 | 19.15 0.10 0.00 | 16.80 0.11 0.00 |

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| CORONA_69_KV_TB1 355595 | 20.40 1.34 0.00 | 18.94 1.28 0.00 | 18.08 1.23 0.00 | 18.94 1.28 0.00 | 19.70 1.26 0.00 | 19.83 1.24 0.00 | 21.33 1.46 0.00 | 20.60 1.46 0.00 | 17.88 1.23 0.00 | 15.48 1.05 0.00 | 16.12 1.03 0.00 | 17.16 1.16 0.00 | 16.25 1.04 0.00 | 103.15 1.01 -87.10 | 30.03 1.18 -12.55 | 48.37 1.31 -30.29 | 26.93 1.56 -5.96 | 26.08 1.84 -1.53 | 55.09 2.20 -26.32 | 56.77 2.60 -22.30 | 51.11 2.34 -20.15 | 34.29 2.03 -7.29 | 31.76 1.53 -11.18 | 31.16 1.24 -13.22 |
| CORTLAND_115KV_TB3 80093 | 19.39 0.33 0.00 | 17.95 0.30 0.00 | 17.13 0.28 0.00 | 17.95 0.28 0.00 | 18.73 0.29 0.00 | 18.93 0.33 0.00 | 20.21 0.34 0.00 | 19.42 0.28 0.00 | 16.83 0.19 0.00 | 14.56 0.12 0.00 | 15.17 0.08 0.00 | 16.17 0.17 0.00 | 15.37 0.16 0.00 | 15.25 0.22 0.00 | 16.56 0.27 0.00 | 17.07 0.29 0.00 | 19.65 0.24 0.00 | 23.03 0.32 0.00 | 27.01 0.43 0.00 | 32.37 0.50 0.00 | 28.97 0.34 0.00 | 25.24 0.28 0.00 | 19.23 0.19 0.00 | 16.86 0.17 0.00 |
| COXSACKIE___GT 23611 | 19.91 0.85 0.00 | 18.43 0.77 0.00 | 17.60 0.75 0.00 | 18.46 0.80 0.00 | 19.24 0.80 0.00 | 19.44 0.85 0.00 | 20.81 0.94 0.00 | 19.94 0.80 0.00 | 17.16 0.52 0.00 | 14.76 0.32 0.00 | 15.28 0.20 0.00 | 16.11 0.11 0.00 | 15.42 0.20 0.00 | 15.25 0.21 0.00 | 16.38 0.10 0.00 | 16.93 0.15 0.00 | 19.85 0.43 0.00 | 23.42 0.70 0.00 | 27.87 1.29 0.00 | 33.53 1.66 0.00 | 30.07 1.45 0.00 | 26.16 1.19 0.00 | 19.89 0.84 0.00 | 17.43 0.74 0.00 |
| CPV_VALLEY___CC1 323721 | 19.91 0.85 0.00 | 18.45 0.79 0.00 | 17.63 0.78 0.00 | 18.49 0.82 0.00 | 19.23 0.80 0.00 | 19.38 0.79 0.00 | 20.80 0.93 0.00 | 20.07 0.93 0.00 | 17.46 0.81 0.00 | 15.13 0.69 0.00 | 15.75 0.66 0.00 | 16.68 0.68 0.00 | 15.84 0.63 0.00 | 15.62 0.58 0.00 | 16.94 0.65 0.00 | 17.47 0.69 0.00 | 20.27 0.86 0.00 | 23.77 1.06 0.00 | 27.84 1.26 0.00 | 33.40 1.53 0.00 | 29.96 1.33 0.00 | 26.07 1.10 0.00 | 19.88 0.83 0.00 | 17.37 0.67 0.00 |
| CPV_VALLEY___CC2 323722 | 19.91 0.85 0.00 | 18.45 0.79 0.00 | 17.63 0.78 0.00 | 18.49 0.82 0.00 | 19.23 0.80 0.00 | 19.38 0.79 0.00 | 20.80 0.93 0.00 | 20.07 0.93 0.00 | 17.46 0.81 0.00 | 15.13 0.69 0.00 | 15.75 0.66 0.00 | 16.68 0.68 0.00 | 15.84 0.63 0.00 | 15.62 0.58 0.00 | 16.94 0.65 0.00 | 17.47 0.69 0.00 | 20.27 0.86 0.00 | 23.77 1.06 0.00 | 27.84 1.26 0.00 | 33.40 1.53 0.00 | 29.96 1.33 0.00 | 26.07 1.10 0.00 | 19.88 0.83 0.00 | 17.37 0.67 0.00 |
| CRESCENT___HYD 24018 | 19.55 0.49 0.00 | 18.11 0.46 0.00 | 17.33 0.48 0.00 | 18.18 0.51 0.00 | 18.93 0.49 0.00 | 19.08 0.49 0.00 | 20.44 0.57 0.00 | 19.65 0.51 0.00 | 17.03 0.38 0.00 | 14.70 0.26 0.00 | 15.29 0.20 0.00 | 16.17 0.18 0.00 | 15.43 0.22 0.00 | 15.21 0.17 0.00 | 16.45 0.16 0.00 | 16.97 0.19 0.00 | 19.71 0.29 0.00 | 23.16 0.45 0.00 | 27.16 0.59 0.00 | 32.60 0.74 0.00 | 29.30 0.67 0.00 | 25.54 0.57 0.00 | 19.46 0.41 0.00 | 17.06 0.37 0.00 |
| CRICKET___VALLEY_CC1 323756 | 19.92 0.86 0.00 | 18.48 0.82 0.00 | 17.67 0.82 0.00 | 18.54 0.87 0.00 | 19.28 0.84 0.00 | 19.40 0.81 0.00 | 20.82 0.95 0.00 | 20.09 0.95 0.00 | 17.46 0.81 0.00 | 15.11 0.67 0.00 | 15.71 0.62 0.00 | 16.60 0.61 0.00 | 15.77 0.56 0.00 | 15.54 0.50 0.00 | 16.83 0.55 0.00 | 17.36 0.58 0.00 | 20.17 0.75 0.00 | 23.69 0.98 0.00 | 27.81 1.23 0.00 | 33.40 1.53 0.00 | 30.01 1.38 0.00 | 26.13 1.16 0.00 | 19.91 0.87 0.00 | 17.41 0.71 0.00 |
| CRICKET___VALLEY_CC2 323757 | 19.92 0.86 0.00 | 18.48 0.82 0.00 | 17.67 0.82 0.00 | 18.54 0.87 0.00 | 19.28 0.84 0.00 | 19.40 0.81 0.00 | 20.82 0.95 0.00 | 20.09 0.95 0.00 | 17.46 0.81 0.00 | 15.11 0.67 0.00 | 15.71 0.62 0.00 | 16.60 0.61 0.00 | 15.77 0.56 0.00 | 15.54 0.50 0.00 | 16.83 0.55 0.00 | 17.36 0.58 0.00 | 20.17 0.75 0.00 | 23.69 0.98 0.00 | 27.81 1.23 0.00 | 33.40 1.53 0.00 | 30.01 1.38 0.00 | 26.13 1.16 0.00 | 19.91 0.87 0.00 | 17.41 0.71 0.00 |
| CRICKET___VALLEY_CC3 323758 | 19.92 0.86 0.00 | 18.48 0.82 0.00 | 17.67 0.82 0.00 | 18.54 0.87 0.00 | 19.28 0.84 0.00 | 19.40 0.81 0.00 | 20.82 0.95 0.00 | 20.09 0.95 0.00 | 17.46 0.81 0.00 | 15.11 0.67 0.00 | 15.71 0.62 0.00 | 16.60 0.61 0.00 | 15.77 0.56 0.00 | 15.54 0.50 0.00 | 16.83 0.55 0.00 | 17.36 0.58 0.00 | 20.17 0.75 0.00 | 23.69 0.98 0.00 | 27.81 1.23 0.00 | 33.40 1.53 0.00 | 30.01 1.38 0.00 | 26.13 1.16 0.00 | 19.91 0.87 0.00 | 17.41 0.71 0.00 |
| CRUCIBLE_METL_DRP 24180 | 19.11 0.05 0.00 | 17.73 0.07 0.00 | 16.92 0.07 0.00 | 17.73 0.06 0.00 | 18.49 0.05 0.00 | 18.64 0.05 0.00 | 19.89 0.02 0.00 | 19.16 0.03 0.00 | 16.65 0.00 0.00 | 14.43 -0.01 0.00 | 15.11 0.02 0.00 | 16.05 0.05 0.00 | 15.30 0.09 0.00 | 15.16 0.12 0.00 | 16.43 0.14 0.00 | 16.74 -0.04 0.00 | 19.25 -0.17 0.00 | 22.47 -0.24 0.00 | 26.27 -0.31 0.00 | 31.49 -0.37 0.00 | 28.20 -0.43 0.00 | 24.60 -0.38 0.00 | 18.78 -0.26 0.00 | 16.47 -0.22 0.00 |
| DAHOWA___HYDRO 323763 | 19.66 0.60 0.00 | 18.20 0.54 0.00 | 17.42 0.57 0.00 | 18.30 0.63 0.00 | 19.04 0.61 0.00 | 19.20 0.61 0.00 | 20.58 0.71 0.00 | 19.76 0.62 0.00 | 17.08 0.43 0.00 | 14.69 0.25 0.00 | 15.22 0.13 0.00 | 16.09 0.10 0.00 | 15.35 0.13 0.00 | 15.11 0.08 0.00 | 16.36 0.07 0.00 | 16.92 0.14 0.00 | 19.73 0.32 0.00 | 23.32 0.61 0.00 | 27.48 0.90 0.00 | 32.95 1.09 0.00 | 29.62 0.99 0.00 | 25.79 0.82 0.00 | 19.60 0.55 0.00 | 17.16 0.46 0.00 |
| DANC___LFGE 323619 | 18.49 -0.57 0.00 | 17.05 -0.61 0.00 | 16.21 -0.64 0.00 | 16.99 -0.68 0.00 | 17.79 -0.64 0.00 | 18.04 -0.55 0.00 | 19.35 -0.52 0.00 | 18.58 -0.56 0.00 | 16.17 -0.48 0.00 | 13.94 -0.50 0.00 | 14.43 -0.66 0.00 | 15.18 -0.82 0.00 | 14.48 -0.73 0.00 | 14.38 -0.65 0.00 | 15.72 -0.57 0.00 | 16.17 -0.60 0.00 | 18.57 -0.84 0.00 | 21.85 -0.86 0.00 | 25.69 -0.89 0.00 | 30.83 -1.04 0.00 | 27.64 -0.99 0.00 | 24.11 -0.86 0.00 | 18.37 -0.68 0.00 | 16.09 -0.61 0.00 |
| DANSKAMMER___1 23586 | 20.32 1.26 0.00 | 18.83 1.18 0.00 | 17.99 1.14 0.00 | 18.86 1.19 0.00 | 19.62 1.18 0.00 | 19.78 1.19 0.00 | 21.24 1.36 0.00 | 20.50 1.36 0.00 | 17.81 1.16 0.00 | 15.42 0.99 0.00 | 16.04 0.96 0.00 | 16.97 0.97 0.00 | 16.10 0.89 0.00 | 15.90 0.87 0.00 | 17.25 0.96 0.00 | 17.81 1.03 0.00 | 20.71 1.29 0.00 | 24.30 1.59 0.00 | 28.50 1.92 0.00 | 34.21 2.34 0.00 | 30.69 2.07 0.00 | 26.69 1.73 0.00 | 20.33 1.29 0.00 | 17.75 1.05 0.00 |
| DANSKAMMER___2 23589 | 20.32 1.26 0.00 | 18.83 1.18 0.00 | 17.99 1.14 0.00 | 18.86 1.19 0.00 | 19.62 1.18 0.00 | 19.78 1.19 0.00 | 21.24 1.36 0.00 | 20.50 1.36 0.00 | 17.81 1.16 0.00 | 15.42 0.99 0.00 | 16.04 0.96 0.00 | 16.97 0.97 0.00 | 16.10 0.89 0.00 | 15.90 0.87 0.00 | 17.25 0.96 0.00 | 17.81 1.03 0.00 | 20.71 1.29 0.00 | 24.30 1.59 0.00 | 28.50 1.92 0.00 | 34.21 2.34 0.00 | 30.69 2.07 0.00 | 26.69 1.73 0.00 | 20.33 1.29 0.00 | 17.75 1.05 0.00 |
| DANSKAMMER___3 23590 | 20.32 1.26 0.00 | 18.83 1.18 0.00 | 17.99 1.14 0.00 | 18.86 1.19 0.00 | 19.62 1.18 0.00 | 19.78 1.19 0.00 | 21.24 1.36 0.00 | 20.50 1.36 0.00 | 17.81 1.16 0.00 | 15.42 0.99 0.00 | 16.04 0.96 0.00 | 16.97 0.97 0.00 | 16.10 0.89 0.00 | 15.90 0.87 0.00 | 17.25 0.96 0.00 | 17.81 1.03 0.00 | 20.71 1.29 0.00 | 24.30 1.59 0.00 | 28.50 1.92 0.00 | 34.21 2.34 0.00 | 30.69 2.07 0.00 | 26.69 1.73 0.00 | 20.33 1.29 0.00 | 17.75 1.05 0.00 |

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| DANSKAMMER___4 23591 | 20.32 1.26 0.00 | 18.83 1.18 0.00 | 17.99 1.14 0.00 | 18.86 1.19 0.00 | 19.62 1.18 0.00 | 19.78 1.19 0.00 | 21.24 1.36 0.00 | 20.50 1.36 0.00 | 17.81 1.16 0.00 | 15.42 0.99 0.00 | 16.04 0.96 0.00 | 16.97 0.97 0.00 | 16.10 0.89 0.00 | 15.90 0.87 0.00 | 17.25 0.96 0.00 | 17.81 1.03 0.00 | 20.71 1.29 0.00 | 24.30 1.59 0.00 | 28.50 1.92 0.00 | 34.21 2.34 0.00 | 30.69 2.07 0.00 | 26.69 1.73 0.00 | 20.33 1.29 0.00 | 17.75 1.05 0.00 |
| DANSKAMMER___DIESEL 23592 | 20.32 1.26 0.00 | 18.83 1.18 0.00 | 17.99 1.14 0.00 | 18.86 1.19 0.00 | 19.62 1.18 0.00 | 19.78 1.19 0.00 | 21.24 1.36 0.00 | 20.50 1.36 0.00 | 17.81 1.16 0.00 | 15.43 0.99 0.00 | 16.04 0.96 0.00 | 16.97 0.98 0.00 | 16.10 0.89 0.00 | 15.90 0.87 0.00 | 17.25 0.96 0.00 | 17.81 1.04 0.00 | 20.71 1.29 0.00 | 24.30 1.59 0.00 | 28.50 1.92 0.00 | 34.20 2.34 0.00 | 30.69 2.07 0.00 | 26.69 1.72 0.00 | 20.33 1.29 0.00 | 17.75 1.05 0.00 |
| DARBY___SOLAR 323810 | 19.65 0.59 0.00 | 18.20 0.54 0.00 | 17.41 0.56 0.00 | 18.29 0.62 0.00 | 19.04 0.60 0.00 | 19.19 0.60 0.00 | 20.58 0.70 0.00 | 19.75 0.61 0.00 | 17.08 0.43 0.00 | 14.70 0.26 0.00 | 15.23 0.14 0.00 | 16.11 0.11 0.00 | 15.36 0.15 0.00 | 15.13 0.09 0.00 | 16.38 0.09 0.00 | 16.94 0.17 0.00 | 19.75 0.34 0.00 | 23.32 0.60 0.00 | 27.45 0.87 0.00 | 32.93 1.07 0.00 | 29.59 0.96 0.00 | 25.77 0.80 0.00 | 19.59 0.55 0.00 | 17.16 0.46 0.00 |
| DASHVILLE___HYD 23610 | 20.18 1.12 0.00 | 18.71 1.06 0.00 | 17.87 1.02 0.00 | 18.74 1.07 0.00 | 19.49 1.05 0.00 | 19.64 1.05 0.00 | 21.09 1.22 0.00 | 20.38 1.25 0.00 | 17.73 1.08 0.00 | 15.35 0.91 0.00 | 15.97 0.88 0.00 | 16.90 0.91 0.00 | 16.01 0.80 0.00 | 15.81 0.78 0.00 | 17.16 0.87 0.00 | 17.71 0.94 0.00 | 20.58 1.16 0.00 | 24.14 1.42 0.00 | 28.31 1.73 0.00 | 33.95 2.09 0.00 | 30.48 1.86 0.00 | 26.51 1.54 0.00 | 20.20 1.15 0.00 | 17.63 0.93 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 20.82 1.76 0.00 | 19.45 1.80 0.00 | 18.60 1.75 0.00 | 19.47 1.81 0.00 | 20.29 1.85 0.00 | 20.57 1.98 0.00 | 22.24 2.37 0.00 | 21.45 2.31 0.00 | 18.53 1.88 0.00 | 15.90 1.46 0.00 | 16.39 1.30 0.00 | 17.53 1.54 0.00 | 16.52 1.31 0.00 | 103.18 1.04 -87.10 | 30.06 1.12 -12.66 | 48.47 1.40 -30.29 | 26.92 1.55 -5.96 | 26.14 1.90 -1.53 | 55.32 2.42 -26.32 | 57.10 2.93 -22.30 | 51.35 2.58 -20.15 | 34.39 2.12 -7.29 | 31.86 1.63 -11.18 | 31.12 1.21 -13.22 |
| DELAWARE___LFGE 323621 | 19.59 0.53 0.00 | 18.16 0.51 0.00 | 17.34 0.49 0.00 | 18.18 0.51 0.00 | 18.94 0.51 0.00 | 19.10 0.51 0.00 | 20.43 0.56 0.00 | 19.69 0.55 0.00 | 17.13 0.48 0.00 | 14.83 0.39 0.00 | 15.49 0.40 0.00 | 16.42 0.42 0.00 | 15.59 0.38 0.00 | 15.41 0.38 0.00 | 16.72 0.43 0.00 | 17.24 0.46 0.00 | 19.95 0.54 0.00 | 23.35 0.64 0.00 | 27.35 0.77 0.00 | 32.78 0.92 0.00 | 29.38 0.75 0.00 | 25.61 0.64 0.00 | 19.54 0.49 0.00 | 17.12 0.42 0.00 |
| DERFIELD_115KV_TB7 355931 | 19.09 0.03 0.00 | 17.68 0.03 0.00 | 16.88 0.03 0.00 | 17.70 0.04 0.00 | 18.47 0.04 0.00 | 18.63 0.04 0.00 | 19.92 0.05 0.00 | 19.18 0.04 0.00 | 16.67 0.03 0.00 | 14.45 0.01 0.00 | 15.07 -0.01 0.00 | 15.98 -0.02 0.00 | 15.20 -0.02 0.00 | 15.02 -0.02 0.00 | 16.27 -0.02 0.00 | 16.77 -0.01 0.00 | 19.42 0.00 0.00 | 22.72 0.01 0.00 | 26.61 0.03 0.00 | 31.90 0.03 0.00 | 28.63 0.01 0.00 | 24.97 0.01 0.00 | 19.05 0.00 0.00 | 16.69 0.00 0.00 |
| DOGLEVILLE___HYD 23807 | 19.05 -0.01 0.00 | 17.60 -0.06 0.00 | 16.81 -0.04 0.00 | 17.67 0.00 0.00 | 18.48 0.05 0.00 | 18.71 0.12 0.00 | 20.01 0.13 0.00 | 19.22 0.08 0.00 | 16.55 -0.10 0.00 | 14.19 -0.25 0.00 | 14.66 -0.43 0.00 | 15.50 -0.49 0.00 | 14.77 -0.44 0.00 | 14.55 -0.49 0.00 | 15.73 -0.56 0.00 | 16.39 -0.39 0.00 | 19.18 -0.23 0.00 | 22.64 -0.07 0.00 | 26.69 0.11 0.00 | 32.10 0.24 0.00 | 28.82 0.19 0.00 | 25.08 0.11 0.00 | 19.11 0.06 0.00 | 16.69 -0.01 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 18.35 -0.71 0.00 | 17.13 -0.53 0.00 | 16.31 -0.54 0.00 | 17.04 -0.63 0.00 | 17.71 -0.72 0.00 | 17.82 -0.77 0.00 | 18.82 -1.06 0.00 | 18.12 -1.02 0.00 | 15.82 -0.83 0.00 | 13.84 -0.60 0.00 | 14.69 -0.40 0.00 | 15.64 -0.36 0.00 | 14.87 -0.34 0.00 | 14.78 -0.25 0.00 | 16.06 -0.23 0.00 | 16.48 -0.29 0.00 | 18.93 -0.49 0.00 | 21.75 -0.96 0.00 | 25.37 -1.21 0.00 | 30.42 -1.44 0.00 | 26.73 -1.90 0.00 | 23.52 -1.45 0.00 | 18.09 -0.96 0.00 | 15.95 -0.74 0.00 |
| DUNKIRK___1 23563 | 18.35 -0.71 0.00 | 17.13 -0.53 0.00 | 16.31 -0.54 0.00 | 17.04 -0.63 0.00 | 17.71 -0.72 0.00 | 17.82 -0.77 0.00 | 18.82 -1.06 0.00 | 18.12 -1.02 0.00 | 15.82 -0.83 0.00 | 13.84 -0.60 0.00 | 14.69 -0.40 0.00 | 15.64 -0.36 0.00 | 14.87 -0.34 0.00 | 14.78 -0.25 0.00 | 16.06 -0.23 0.00 | 16.48 -0.29 0.00 | 18.93 -0.49 0.00 | 21.75 -0.96 0.00 | 25.37 -1.21 0.00 | 30.42 -1.44 0.00 | 26.73 -1.90 0.00 | 23.52 -1.45 0.00 | 18.09 -0.96 0.00 | 15.95 -0.74 0.00 |
| DUNKIRK___2 23564 | 18.35 -0.71 0.00 | 17.13 -0.53 0.00 | 16.31 -0.54 0.00 | 17.04 -0.63 0.00 | 17.71 -0.72 0.00 | 17.82 -0.77 0.00 | 18.82 -1.06 0.00 | 18.12 -1.02 0.00 | 15.82 -0.83 0.00 | 13.84 -0.60 0.00 | 14.69 -0.40 0.00 | 15.64 -0.36 0.00 | 14.87 -0.34 0.00 | 14.78 -0.25 0.00 | 16.06 -0.23 0.00 | 16.48 -0.29 0.00 | 18.93 -0.49 0.00 | 21.75 -0.96 0.00 | 25.37 -1.21 0.00 | 30.42 -1.44 0.00 | 26.73 -1.90 0.00 | 23.52 -1.45 0.00 | 18.09 -0.96 0.00 | 15.95 -0.74 0.00 |
| DUNKIRK___3 23565 | 18.38 -0.68 0.00 | 17.15 -0.50 0.00 | 16.34 -0.51 0.00 | 17.07 -0.60 0.00 | 17.75 -0.69 0.00 | 17.85 -0.74 0.00 | 18.85 -1.02 0.00 | 18.15 -0.99 0.00 | 15.83 -0.81 0.00 | 13.82 -0.61 0.00 | 14.69 -0.40 0.00 | 15.65 -0.35 0.00 | 14.88 -0.33 0.00 | 14.80 -0.23 0.00 | 16.07 -0.22 0.00 | 16.49 -0.29 0.00 | 18.94 -0.48 0.00 | 21.76 -0.95 0.00 | 25.38 -1.20 0.00 | 30.41 -1.45 0.00 | 26.78 -1.85 0.00 | 23.56 -1.41 0.00 | 18.11 -0.93 0.00 | 16.00 -0.70 0.00 |
| DUNKIRK___4 23566 | 18.38 -0.68 0.00 | 17.15 -0.50 0.00 | 16.34 -0.51 0.00 | 17.07 -0.60 0.00 | 17.75 -0.69 0.00 | 17.85 -0.74 0.00 | 18.85 -1.02 0.00 | 18.15 -0.99 0.00 | 15.83 -0.81 0.00 | 13.82 -0.61 0.00 | 14.69 -0.40 0.00 | 15.65 -0.35 0.00 | 14.88 -0.33 0.00 | 14.80 -0.23 0.00 | 16.07 -0.22 0.00 | 16.49 -0.29 0.00 | 18.94 -0.48 0.00 | 21.76 -0.95 0.00 | 25.38 -1.20 0.00 | 30.41 -1.45 0.00 | 26.78 -1.85 0.00 | 23.56 -1.41 0.00 | 18.11 -0.93 0.00 | 16.00 -0.70 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 20.17 1.11 0.00 | 18.70 1.04 0.00 | 17.87 1.02 0.00 | 18.73 1.06 0.00 | 19.47 1.03 0.00 | 19.61 1.02 0.00 | 21.06 1.19 0.00 | 20.35 1.21 0.00 | 17.73 1.08 0.00 | 15.39 0.95 0.00 | 16.00 0.91 0.00 | 16.92 0.93 0.00 | 16.07 0.86 0.00 | 15.86 0.82 0.00 | 17.19 0.90 0.00 | 17.73 0.95 0.00 | 20.57 1.15 0.00 | 24.11 1.40 0.00 | 28.24 1.66 0.00 | 33.85 1.99 0.00 | 30.41 1.78 0.00 | 26.47 1.50 0.00 | 20.18 1.14 0.00 | 17.62 0.92 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 20.15 1.09 0.00 | 18.67 1.01 0.00 | 17.84 0.99 0.00 | 18.71 1.04 0.00 | 19.46 1.02 0.00 | 19.61 1.02 0.00 | 21.06 1.18 0.00 | 20.32 1.18 0.00 | 17.66 1.01 0.00 | 15.30 0.86 0.00 | 15.92 0.83 0.00 | 16.84 0.84 0.00 | 15.98 0.77 0.00 | 15.77 0.73 0.00 | 17.10 0.82 0.00 | 17.66 0.89 0.00 | 20.52 1.11 0.00 | 24.07 1.36 0.00 | 28.22 1.64 0.00 | 33.86 2.00 0.00 | 30.38 1.76 0.00 | 26.42 1.46 0.00 | 20.13 1.09 0.00 | 17.58 0.89 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 20.31 1.26 0.00 | 18.83 1.17 0.00 | 17.97 1.12 0.00 | 18.84 1.17 0.00 | 19.57 1.13 0.00 | 19.70 1.11 0.00 | 21.15 1.28 0.00 | 20.47 1.33 0.00 | 17.84 1.19 0.00 | 15.51 1.07 0.00 | 16.08 0.99 0.00 | 17.00 1.00 0.00 | 16.17 0.96 0.00 | 15.95 0.91 0.00 | 17.26 0.97 0.00 | 17.83 1.05 0.00 | 20.64 1.23 0.00 | 24.19 1.47 0.00 | 28.35 1.77 0.00 | 33.95 2.08 0.00 | 30.55 1.92 0.00 | 26.57 1.60 0.00 | 20.32 1.27 0.00 | 17.74 1.05 0.00 |
| E179THST_13_KV_LOAD 356214 | 20.38 1.33 0.00 | 18.89 1.23 0.00 | 18.03 1.18 0.00 | 18.90 1.23 0.00 | 19.63 1.19 0.00 | 19.76 1.17 0.00 | 21.22 1.35 0.00 | 20.54 1.40 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.05 0.00 | 17.06 1.07 0.00 | 16.24 1.03 0.00 | 16.01 0.97 0.00 | 17.33 1.04 0.00 | 17.90 1.12 0.00 | 20.72 1.31 0.00 | 24.28 1.57 0.00 | 28.46 1.88 0.00 | 34.09 2.23 0.00 | 30.67 2.04 0.00 | 26.68 1.71 0.00 | 20.39 1.35 0.00 | 17.81 1.11 0.00 |
| EAST HAMPTON___GT 23717 | 20.93 1.87 0.00 | 19.56 1.90 0.00 | 18.70 1.85 0.00 | 19.56 1.90 0.00 | 20.39 1.96 0.00 | 20.69 2.10 0.00 | 22.33 2.46 0.00 | 21.53 2.39 0.00 | 18.61 1.96 0.00 | 15.97 1.53 0.00 | 16.47 1.38 0.00 | 17.61 1.61 0.00 | 16.57 1.36 0.00 | 103.11 0.97 -87.10 | 30.02 1.07 -12.66 | 48.44 1.38 -30.29 | 26.88 1.51 -5.96 | 26.07 1.82 -1.53 | 55.27 2.37 -26.32 | 57.02 2.86 -22.30 | 51.27 2.49 -20.15 | 34.31 2.05 -7.29 | 31.79 1.56 -11.18 | 31.06 1.15 -13.22 |
| EAST RIVER___6 23660 | 20.33 1.27 0.00 | 18.85 1.19 0.00 | 18.00 1.16 0.00 | 18.87 1.20 0.00 | 19.60 1.16 0.00 | 19.75 1.16 0.00 | 21.22 1.35 0.00 | 20.53 1.40 0.00 | 17.91 1.26 0.00 | 15.58 1.14 0.00 | 16.17 1.08 0.00 | 17.09 1.10 0.00 | 16.24 1.03 0.00 | 16.02 0.99 0.00 | 17.37 1.08 0.00 | 17.91 1.13 0.00 | 20.76 1.34 0.00 | 24.31 1.60 0.00 | 28.44 1.87 0.00 | 34.09 2.22 0.00 | 30.63 2.01 0.00 | 26.66 1.69 0.00 | 20.35 1.31 0.00 | 17.76 1.07 0.00 |
| EAST RIVER___7 23524 | 20.33 1.27 0.00 | 18.85 1.19 0.00 | 18.00 1.16 0.00 | 18.87 1.20 0.00 | 19.60 1.16 0.00 | 19.75 1.16 0.00 | 21.22 1.35 0.00 | 20.53 1.40 0.00 | 17.91 1.26 0.00 | 15.58 1.14 0.00 | 16.17 1.08 0.00 | 17.09 1.10 0.00 | 16.24 1.03 0.00 | 16.02 0.99 0.00 | 17.37 1.08 0.00 | 17.91 1.13 0.00 | 20.76 1.34 0.00 | 24.31 1.60 0.00 | 28.44 1.87 0.00 | 34.09 2.22 0.00 | 30.63 2.01 0.00 | 26.66 1.69 0.00 | 20.35 1.31 0.00 | 17.76 1.07 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 20.15 1.09 0.00 | 18.68 1.03 0.00 | 17.85 1.00 0.00 | 18.71 1.05 0.00 | 19.45 1.01 0.00 | 19.60 1.01 0.00 | 21.06 1.19 0.00 | 20.34 1.20 0.00 | 17.70 1.05 0.00 | 15.37 0.93 0.00 | 15.97 0.89 0.00 | 16.90 0.90 0.00 | 16.05 0.83 0.00 | 15.83 0.79 0.00 | 17.17 0.87 0.00 | 17.71 0.94 0.00 | 20.54 1.13 0.00 | 24.08 1.37 0.00 | 28.21 1.63 0.00 | 33.82 1.96 0.00 | 30.37 1.75 0.00 | 26.43 1.46 0.00 | 20.16 1.11 0.00 | 17.60 0.90 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 20.93 1.87 0.00 | 19.56 1.90 0.00 | 18.70 1.85 0.00 | 19.57 1.90 0.00 | 20.40 1.96 0.00 | 20.69 2.10 0.00 | 22.34 2.46 0.00 | 21.53 2.39 0.00 | 18.61 1.96 0.00 | 15.97 1.54 0.00 | 16.47 1.38 0.00 | 17.61 1.61 0.00 | 16.57 1.36 0.00 | 103.11 0.96 -87.10 | 30.01 1.06 -12.66 | 48.42 1.35 -30.29 | 26.85 1.48 -5.96 | 26.02 1.78 -1.53 | 55.21 2.31 -26.32 | 56.96 2.80 -22.30 | 51.22 2.44 -20.15 | 34.26 2.00 -7.29 | 31.75 1.53 -11.18 | 31.03 1.11 -13.22 |
| EAST_POINT___SOLAR 323840 | 20.13 1.07 0.00 | 18.65 1.00 0.00 | 17.74 0.90 0.00 | 18.63 0.96 0.00 | 19.57 1.13 0.00 | 19.78 1.18 0.00 | 21.04 1.17 0.00 | 20.14 1.01 0.00 | 17.52 0.88 0.00 | 15.12 0.69 0.00 | 15.78 0.70 0.00 | 16.81 0.81 0.00 | 15.90 0.69 0.00 | 15.78 0.74 0.00 | 17.14 0.85 0.00 | 17.66 0.88 0.00 | 20.46 1.05 0.00 | 24.06 1.35 0.00 | 28.19 1.62 0.00 | 33.85 1.98 0.00 | 30.42 1.80 0.00 | 26.54 1.57 0.00 | 20.24 1.20 0.00 | 17.74 1.04 0.00 |
| EAST_PULASKI___ESR 323781 | 18.61 -0.45 0.00 | 17.22 -0.44 0.00 | 16.41 -0.44 0.00 | 17.20 -0.47 0.00 | 17.97 -0.48 0.00 | 18.16 -0.43 0.00 | 19.41 -0.46 0.00 | 18.66 -0.48 0.00 | 16.24 -0.41 0.00 | 14.04 -0.40 0.00 | 14.63 -0.45 0.00 | 15.46 -0.54 0.00 | 14.74 -0.47 0.00 | 14.63 -0.41 0.00 | 15.91 -0.38 0.00 | 16.36 -0.41 0.00 | 18.83 -0.58 0.00 | 22.06 -0.66 0.00 | 25.86 -0.71 0.00 | 31.02 -0.85 0.00 | 27.80 -0.83 0.00 | 24.25 -0.72 0.00 | 18.50 -0.54 0.00 | 16.22 -0.47 0.00 |
| EAST_RIVER___1 323558 | 20.29 1.23 0.00 | 18.81 1.16 0.00 | 17.97 1.12 0.00 | 18.83 1.16 0.00 | 19.56 1.12 0.00 | 19.71 1.11 0.00 | 21.17 1.30 0.00 | 20.48 1.34 0.00 | 17.86 1.21 0.00 | 15.53 1.09 0.00 | 16.12 1.04 0.00 | 17.05 1.05 0.00 | 16.19 0.98 0.00 | 15.97 0.93 0.00 | 17.31 1.02 0.00 | 17.85 1.08 0.00 | 20.69 1.28 0.00 | 24.24 1.52 0.00 | 28.36 1.78 0.00 | 33.99 2.12 0.00 | 30.54 1.91 0.00 | 26.59 1.62 0.00 | 20.30 1.25 0.00 | 17.72 1.03 0.00 |
| EAST_RIVER___2 323559 | 20.33 1.27 0.00 | 18.85 1.19 0.00 | 18.00 1.16 0.00 | 18.87 1.20 0.00 | 19.60 1.16 0.00 | 19.75 1.16 0.00 | 21.22 1.35 0.00 | 20.53 1.40 0.00 | 17.91 1.26 0.00 | 15.58 1.14 0.00 | 16.17 1.08 0.00 | 17.09 1.10 0.00 | 16.24 1.03 0.00 | 16.02 0.99 0.00 | 17.37 1.08 0.00 | 17.91 1.13 0.00 | 20.76 1.34 0.00 | 24.31 1.60 0.00 | 28.44 1.87 0.00 | 34.09 2.22 0.00 | 30.63 2.01 0.00 | 26.66 1.69 0.00 | 20.35 1.31 0.00 | 17.76 1.07 0.00 |
| EAST___DELAWARE_HYD 23607 | 19.78 0.72 0.00 | 18.32 0.67 0.00 | 17.49 0.65 0.00 | 18.35 0.68 0.00 | 19.09 0.65 0.00 | 19.26 0.66 0.00 | 20.68 0.80 0.00 | 19.96 0.82 0.00 | 17.32 0.67 0.00 | 14.95 0.51 0.00 | 15.51 0.42 0.00 | 16.42 0.42 0.00 | 15.57 0.36 0.00 | 15.37 0.34 0.00 | 16.71 0.42 0.00 | 17.28 0.50 0.00 | 20.11 0.70 0.00 | 23.65 0.93 0.00 | 27.73 1.16 0.00 | 33.31 1.44 0.00 | 29.91 1.28 0.00 | 26.02 1.05 0.00 | 19.82 0.77 0.00 | 17.28 0.59 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 17.91 -1.15 0.00 | 16.74 -0.91 0.00 | 15.94 -0.90 0.00 | 16.63 -1.04 0.00 | 17.21 -1.23 0.00 | 17.35 -1.24 0.00 | 18.48 -1.40 0.00 | 17.82 -1.32 0.00 | 15.49 -1.15 0.00 | 13.42 -1.02 0.00 | 14.27 -0.82 0.00 | 15.09 -0.90 0.00 | 14.31 -0.90 0.00 | 14.20 -0.83 0.00 | 15.50 -0.79 0.00 | 15.98 -0.80 0.00 | 18.30 -1.12 0.00 | 21.16 -1.55 0.00 | 24.81 -1.77 0.00 | 29.74 -2.12 0.00 | 26.28 -2.35 0.00 | 23.12 -1.85 0.00 | 17.66 -1.39 0.00 | 15.55 -1.14 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 19.14 0.08 0.00 | 17.77 0.11 0.00 | 16.95 0.10 0.00 | 17.76 0.09 0.00 | 18.52 0.08 0.00 | 18.67 0.07 0.00 | 19.89 0.02 0.00 | 19.18 0.04 0.00 | 16.66 0.01 0.00 | 14.42 -0.02 0.00 | 15.12 0.04 0.00 | 16.07 0.07 0.00 | 15.35 0.13 0.00 | 15.20 0.17 0.00 | 16.47 0.18 0.00 | 16.66 -0.11 0.00 | 19.11 -0.30 0.00 | 22.31 -0.41 0.00 | 26.05 -0.53 0.00 | 31.24 -0.63 0.00 | 27.99 -0.64 0.00 | 24.42 -0.55 0.00 | 18.65 -0.39 0.00 | 16.35 -0.34 0.00 |
| ELEC_TRO_TEK 24086 | 20.32 1.26 0.00 | 18.87 1.21 0.00 | 18.02 1.17 0.00 | 18.88 1.22 0.00 | 19.64 1.20 0.00 | 19.77 1.18 0.00 | 21.28 1.40 0.00 | 20.55 1.41 0.00 | 17.83 1.18 0.00 | 15.44 1.00 0.00 | 16.07 0.98 0.00 | 17.08 1.09 0.00 | 16.18 0.97 0.00 | 103.10 0.96 -87.10 | 30.03 1.13 -12.61 | 48.31 1.24 -30.29 | 26.84 1.47 -5.96 | 25.99 1.75 -1.53 | 54.98 2.09 -26.32 | 56.68 2.51 -22.30 | 51.01 2.24 -20.15 | 34.17 1.91 -7.29 | 31.67 1.44 -11.18 | 31.06 1.15 -13.22 |

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| ELLENBURG_WT_PWR 323604 | 18.68 -0.38 0.00 | 17.28 -0.37 0.00 | 16.57 -0.28 0.00 | 17.53 -0.14 0.00 | 18.38 -0.06 0.00 | 18.43 -0.16 0.00 | 19.63 -0.24 0.00 | 19.06 -0.08 0.00 | 16.76 0.11 0.00 | 14.65 0.21 0.00 | 15.37 0.28 0.00 | 16.23 0.23 0.00 | 15.27 0.06 0.00 | 15.03 -0.01 0.00 | 16.25 -0.04 0.00 | 16.73 -0.05 0.00 | 19.46 0.05 0.00 | 23.07 0.35 0.00 | 27.03 0.45 0.00 | 32.61 0.74 0.00 | 29.49 0.87 0.00 | 25.68 0.71 0.00 | 19.49 0.45 0.00 | 16.89 0.19 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 18.27 -0.79 0.00 | 17.05 -0.61 0.00 | 16.24 -0.61 0.00 | 16.96 -0.71 0.00 | 17.66 -0.78 0.00 | 17.75 -0.84 0.00 | 18.70 -1.17 0.00 | 17.96 -1.18 0.00 | 15.71 -0.94 0.00 | 13.69 -0.74 0.00 | 14.56 -0.52 0.00 | 15.55 -0.45 0.00 | 14.80 -0.41 0.00 | 14.73 -0.31 0.00 | 15.97 -0.32 0.00 | 16.34 -0.43 0.00 | 18.77 -0.64 0.00 | 21.57 -1.14 0.00 | 25.13 -1.45 0.00 | 30.08 -1.78 0.00 | 26.56 -2.07 0.00 | 23.37 -1.60 0.00 | 17.98 -1.07 0.00 | 15.90 -0.79 0.00 |
| EMPIRE_CC_1 323656 | 19.42 0.36 0.00 | 18.00 0.34 0.00 | 17.21 0.36 0.00 | 18.05 0.38 0.00 | 18.79 0.35 0.00 | 18.95 0.35 0.00 | 20.26 0.39 0.00 | 19.48 0.34 0.00 | 16.93 0.28 0.00 | 14.66 0.23 0.00 | 15.28 0.20 0.00 | 16.17 0.17 0.00 | 15.41 0.19 0.00 | 15.19 0.16 0.00 | 16.42 0.13 0.00 | 16.91 0.13 0.00 | 19.61 0.20 0.00 | 22.84 0.13 0.00 | 26.75 0.17 0.00 | 32.05 0.18 0.00 | 28.86 0.23 0.00 | 25.15 0.18 0.00 | 19.19 0.14 0.00 | 16.90 0.20 0.00 |
| EMPIRE_CC_2 323658 | 19.42 0.36 0.00 | 18.00 0.34 0.00 | 17.21 0.36 0.00 | 18.05 0.38 0.00 | 18.79 0.35 0.00 | 18.95 0.35 0.00 | 20.26 0.39 0.00 | 19.48 0.34 0.00 | 16.93 0.28 0.00 | 14.66 0.23 0.00 | 15.28 0.20 0.00 | 16.17 0.17 0.00 | 15.41 0.19 0.00 | 15.19 0.16 0.00 | 16.42 0.13 0.00 | 16.91 0.13 0.00 | 19.61 0.20 0.00 | 22.84 0.13 0.00 | 26.75 0.17 0.00 | 32.05 0.18 0.00 | 28.86 0.23 0.00 | 25.15 0.18 0.00 | 19.19 0.14 0.00 | 16.90 0.20 0.00 |
| ENORWICH_115KV_TB1 80156 | 19.95 0.89 0.00 | 18.47 0.81 0.00 | 17.61 0.76 0.00 | 18.42 0.75 0.00 | 19.14 0.70 0.00 | 19.39 0.80 0.00 | 20.59 0.72 0.00 | 19.75 0.61 0.00 | 17.05 0.40 0.00 | 14.61 0.18 0.00 | 15.19 0.11 0.00 | 16.04 0.05 0.00 | 15.43 0.22 0.00 | 15.34 0.30 0.00 | 16.77 0.48 0.00 | 17.31 0.53 0.00 | 19.93 0.52 0.00 | 23.40 0.69 0.00 | 27.62 1.04 0.00 | 33.02 1.15 0.00 | 29.56 0.94 0.00 | 25.71 0.75 0.00 | 19.62 0.57 0.00 | 17.22 0.52 0.00 |
| ERIE_ST_34_KV_TB1-2 80199 | 18.69 -0.37 0.00 | 17.43 -0.23 0.00 | 16.60 -0.24 0.00 | 17.35 -0.33 0.00 | 18.06 -0.38 0.00 | 18.16 -0.44 0.00 | 19.16 -0.71 0.00 | 18.41 -0.72 0.00 | 16.09 -0.56 0.00 | 14.02 -0.42 0.00 | 14.90 -0.18 0.00 | 15.90 -0.10 0.00 | 15.14 -0.08 0.00 | 15.06 0.02 0.00 | 16.32 0.03 0.00 | 16.72 -0.06 0.00 | 19.22 -0.20 0.00 | 22.08 -0.63 0.00 | 25.74 -0.84 0.00 | 30.83 -1.03 0.00 | 27.23 -1.40 0.00 | 23.97 -1.00 0.00 | 18.42 -0.63 0.00 | 16.29 -0.40 0.00 |
| ERIE_WT_PWR 323693 | 18.40 -0.66 0.00 | 17.18 -0.48 0.00 | 16.36 -0.49 0.00 | 17.08 -0.59 0.00 | 17.79 -0.65 0.00 | 17.88 -0.71 0.00 | 18.86 -1.02 0.00 | 18.11 -1.03 0.00 | 15.83 -0.82 0.00 | 13.79 -0.65 0.00 | 14.66 -0.43 0.00 | 15.64 -0.36 0.00 | 14.89 -0.32 0.00 | 14.81 -0.22 0.00 | 16.06 -0.23 0.00 | 16.46 -0.31 0.00 | 18.89 -0.52 0.00 | 21.71 -1.01 0.00 | 25.30 -1.28 0.00 | 30.30 -1.57 0.00 | 26.74 -1.89 0.00 | 23.53 -1.44 0.00 | 18.09 -0.96 0.00 | 15.99 -0.70 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 19.95 0.89 0.00 | 18.48 0.83 0.00 | 17.61 0.76 0.00 | 18.46 0.80 0.00 | 19.34 0.90 0.00 | 19.53 0.94 0.00 | 20.82 0.95 0.00 | 19.99 0.85 0.00 | 17.43 0.78 0.00 | 15.07 0.63 0.00 | 15.76 0.68 0.00 | 16.78 0.78 0.00 | 15.90 0.69 0.00 | 15.78 0.74 0.00 | 17.14 0.85 0.00 | 17.65 0.87 0.00 | 20.39 0.98 0.00 | 23.88 1.17 0.00 | 27.95 1.37 0.00 | 33.53 1.66 0.00 | 30.07 1.44 0.00 | 26.22 1.25 0.00 | 20.00 0.96 0.00 | 17.53 0.84 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 19.27 0.21 0.00 | 17.88 0.23 0.00 | 17.07 0.22 0.00 | 17.88 0.21 0.00 | 18.62 0.18 0.00 | 18.78 0.18 0.00 | 20.04 0.17 0.00 | 19.30 0.16 0.00 | 16.74 0.09 0.00 | 14.48 0.04 0.00 | 15.17 0.08 0.00 | 16.10 0.11 0.00 | 15.35 0.14 0.00 | 15.23 0.19 0.00 | 16.52 0.23 0.00 | 16.94 0.17 0.00 | 19.53 0.12 0.00 | 22.87 0.16 0.00 | 26.79 0.21 0.00 | 32.09 0.22 0.00 | 28.71 0.08 0.00 | 25.05 0.08 0.00 | 19.12 0.07 0.00 | 16.77 0.08 0.00 |
| ETNA____115KV_TB2 80207 | 19.27 0.21 0.00 | 17.88 0.23 0.00 | 17.07 0.22 0.00 | 17.88 0.21 0.00 | 18.62 0.18 0.00 | 18.78 0.18 0.00 | 20.04 0.17 0.00 | 19.30 0.16 0.00 | 16.74 0.09 0.00 | 14.48 0.04 0.00 | 15.17 0.08 0.00 | 16.10 0.11 0.00 | 15.35 0.14 0.00 | 15.23 0.19 0.00 | 16.52 0.23 0.00 | 16.94 0.17 0.00 | 19.53 0.12 0.00 | 22.87 0.16 0.00 | 26.79 0.21 0.00 | 32.09 0.22 0.00 | 28.71 0.08 0.00 | 25.05 0.08 0.00 | 19.12 0.07 0.00 | 16.77 0.08 0.00 |
| EUCLID____115KV_TB2 356179 | 18.78 -0.28 0.00 | 17.41 -0.24 0.00 | 16.62 -0.23 0.00 | 17.42 -0.26 0.00 | 18.16 -0.28 0.00 | 18.31 -0.28 0.00 | 19.55 -0.32 0.00 | 18.82 -0.31 0.00 | 16.37 -0.28 0.00 | 14.19 -0.24 0.00 | 14.86 -0.23 0.00 | 15.77 -0.22 0.00 | 15.01 -0.20 0.00 | 14.86 -0.17 0.00 | 16.11 -0.18 0.00 | 16.55 -0.23 0.00 | 19.08 -0.34 0.00 | 22.26 -0.45 0.00 | 26.05 -0.53 0.00 | 31.23 -0.64 0.00 | 27.95 -0.67 0.00 | 24.40 -0.57 0.00 | 18.63 -0.42 0.00 | 16.36 -0.34 0.00 |
| E_CANADA_CAP_HY 24051 | 20.10 1.04 0.00 | 18.62 0.96 0.00 | 17.72 0.87 0.00 | 18.59 0.92 0.00 | 19.54 1.10 0.00 | 19.74 1.15 0.00 | 21.01 1.14 0.00 | 20.10 0.96 0.00 | 17.50 0.85 0.00 | 15.11 0.68 0.00 | 15.78 0.69 0.00 | 16.81 0.82 0.00 | 15.91 0.70 0.00 | 15.80 0.76 0.00 | 17.16 0.87 0.00 | 17.67 0.89 0.00 | 20.45 1.03 0.00 | 24.02 1.31 0.00 | 28.13 1.55 0.00 | 33.77 1.90 0.00 | 30.35 1.73 0.00 | 26.47 1.50 0.00 | 20.20 1.15 0.00 | 17.71 1.01 0.00 |
| E_CANADA_MHWK_HY 24050 | 19.05 -0.01 0.00 | 17.60 -0.06 0.00 | 16.81 -0.04 0.00 | 17.67 0.00 0.00 | 18.48 0.05 0.00 | 18.71 0.12 0.00 | 20.01 0.13 0.00 | 19.22 0.08 0.00 | 16.55 -0.10 0.00 | 14.19 -0.25 0.00 | 14.66 -0.43 0.00 | 15.50 -0.49 0.00 | 14.77 -0.44 0.00 | 14.55 -0.49 0.00 | 15.73 -0.56 0.00 | 16.39 -0.39 0.00 | 19.18 -0.23 0.00 | 22.64 -0.07 0.00 | 26.69 0.11 0.00 | 32.10 0.24 0.00 | 28.82 0.19 0.00 | 25.08 0.11 0.00 | 19.11 0.06 0.00 | 16.69 -0.01 0.00 |
| E_FISHKILL____LBMP 23776 | 20.00 0.94 0.00 | 18.55 0.89 0.00 | 17.72 0.87 0.00 | 18.59 0.92 0.00 | 19.33 0.89 0.00 | 19.47 0.87 0.00 | 20.90 1.03 0.00 | 20.18 1.04 0.00 | 17.55 0.90 0.00 | 15.22 0.78 0.00 | 15.83 0.74 0.00 | 16.74 0.75 0.00 | 15.90 0.69 0.00 | 15.68 0.64 0.00 | 16.99 0.70 0.00 | 17.54 0.76 0.00 | 20.34 0.93 0.00 | 23.86 1.14 0.00 | 27.96 1.38 0.00 | 33.54 1.68 0.00 | 30.12 1.49 0.00 | 26.23 1.26 0.00 | 19.99 0.94 0.00 | 17.47 0.77 0.00 |
| FALCON____SEABRD_CC1 323796 | 18.86 -0.20 0.00 | 17.43 -0.22 0.00 | 16.75 -0.10 0.00 | 17.76 0.09 0.00 | 18.63 0.19 0.00 | 18.70 0.11 0.00 | 19.94 0.07 0.00 | 19.38 0.24 0.00 | 17.05 0.40 0.00 | 14.93 0.49 0.00 | 15.66 0.57 0.00 | 16.51 0.51 0.00 | 15.50 0.29 0.00 | 15.19 0.16 0.00 | 16.41 0.13 0.00 | 16.93 0.15 0.00 | 19.74 0.32 0.00 | 23.53 0.81 0.00 | 27.61 1.03 0.00 | 33.36 1.50 0.00 | 30.16 1.53 0.00 | 26.22 1.25 0.00 | 19.83 0.78 0.00 | 17.15 0.46 0.00 |

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| FALCON___SEABRD_CC2 323797 | 18.86 -0.20 0.00 | 17.43 -0.22 0.00 | 16.75 -0.10 0.00 | 17.76 0.09 0.00 | 18.63 0.19 0.00 | 18.70 0.11 0.00 | 19.94 0.07 0.00 | 19.38 0.24 0.00 | 17.05 0.40 0.00 | 14.93 0.49 0.00 | 15.66 0.57 0.00 | 16.51 0.51 0.00 | 15.50 0.29 0.00 | 15.19 0.16 0.00 | 16.41 0.13 0.00 | 16.93 0.15 0.00 | 19.74 0.32 0.00 | 23.53 0.81 0.00 | 27.61 1.03 0.00 | 33.36 1.50 0.00 | 30.16 1.53 0.00 | 26.22 1.25 0.00 | 19.83 0.78 0.00 | 17.15 0.46 0.00 |
| FAR ROCKAWAY___4 23548 | 20.52 1.46 0.00 | 19.04 1.39 0.00 | 18.19 1.34 0.00 | 19.06 1.39 0.00 | 19.81 1.37 0.00 | 19.95 1.36 0.00 | 21.46 1.58 0.00 | 20.72 1.58 0.00 | 17.97 1.33 0.00 | 15.57 1.13 0.00 | 16.20 1.11 0.00 | 17.25 1.26 0.00 | 16.34 1.13 0.00 | 103.24 1.10 -87.10 | 30.11 1.28 -12.55 | 48.48 1.41 -30.29 | 27.08 1.70 -5.96 | 26.24 2.00 -1.53 | 55.27 2.37 -26.32 | 56.89 2.73 -22.30 | 51.26 2.49 -20.15 | 34.47 2.21 -7.29 | 31.89 1.67 -11.18 | 31.27 1.35 -13.22 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 20.28 1.23 0.00 | 18.81 1.15 0.00 | 17.96 1.11 0.00 | 18.83 1.16 0.00 | 19.56 1.12 0.00 | 19.71 1.11 0.00 | 21.17 1.30 0.00 | 20.48 1.34 0.00 | 17.85 1.20 0.00 | 15.52 1.09 0.00 | 16.12 1.04 0.00 | 17.04 1.04 0.00 | 16.19 0.97 0.00 | 15.96 0.93 0.00 | 17.31 1.02 0.00 | 17.85 1.08 0.00 | 20.68 1.27 0.00 | 24.22 1.51 0.00 | 28.36 1.78 0.00 | 33.99 2.12 0.00 | 30.53 1.90 0.00 | 26.58 1.61 0.00 | 20.30 1.25 0.00 | 17.72 1.02 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 20.29 1.23 0.00 | 18.82 1.16 0.00 | 17.97 1.13 0.00 | 18.84 1.17 0.00 | 19.56 1.13 0.00 | 19.71 1.12 0.00 | 21.18 1.30 0.00 | 20.48 1.34 0.00 | 17.85 1.21 0.00 | 15.53 1.10 0.00 | 16.13 1.04 0.00 | 17.05 1.05 0.00 | 16.19 0.98 0.00 | 15.97 0.94 0.00 | 17.31 1.02 0.00 | 17.86 1.08 0.00 | 20.69 1.28 0.00 | 24.24 1.53 0.00 | 28.36 1.78 0.00 | 34.00 2.13 0.00 | 30.56 1.93 0.00 | 26.59 1.62 0.00 | 20.31 1.26 0.00 | 17.73 1.03 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 20.27 1.22 0.00 | 18.80 1.14 0.00 | 17.96 1.11 0.00 | 18.82 1.15 0.00 | 19.55 1.11 0.00 | 19.70 1.10 0.00 | 21.16 1.29 0.00 | 20.47 1.33 0.00 | 17.84 1.19 0.00 | 15.52 1.08 0.00 | 16.11 1.03 0.00 | 17.04 1.04 0.00 | 16.18 0.97 0.00 | 15.96 0.92 0.00 | 17.30 1.01 0.00 | 17.85 1.07 0.00 | 20.67 1.26 0.00 | 24.22 1.50 0.00 | 28.34 1.76 0.00 | 33.96 2.10 0.00 | 30.52 1.89 0.00 | 26.56 1.60 0.00 | 20.29 1.24 0.00 | 17.71 1.01 0.00 |
| FARRAGUT___LBMP 323566 | 20.27 1.21 0.00 | 18.79 1.13 0.00 | 17.94 1.10 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.69 1.10 0.00 | 21.15 1.28 0.00 | 20.46 1.32 0.00 | 17.83 1.18 0.00 | 15.51 1.07 0.00 | 16.10 1.02 0.00 | 17.02 1.02 0.00 | 16.17 0.96 0.00 | 15.95 0.91 0.00 | 17.29 1.00 0.00 | 17.83 1.05 0.00 | 20.66 1.25 0.00 | 24.20 1.48 0.00 | 28.33 1.75 0.00 | 33.95 2.08 0.00 | 30.50 1.87 0.00 | 26.55 1.58 0.00 | 20.28 1.23 0.00 | 17.70 1.01 0.00 |
| FENNER___WINDPWR 24204 | 19.33 0.27 0.00 | 17.90 0.24 0.00 | 17.07 0.22 0.00 | 17.90 0.23 0.00 | 18.68 0.24 0.00 | 18.89 0.30 0.00 | 20.17 0.30 0.00 | 19.38 0.25 0.00 | 16.80 0.15 0.00 | 14.53 0.09 0.00 | 15.12 0.04 0.00 | 16.07 0.07 0.00 | 15.27 0.06 0.00 | 15.16 0.13 0.00 | 16.46 0.17 0.00 | 16.99 0.21 0.00 | 19.58 0.17 0.00 | 22.97 0.26 0.00 | 26.92 0.34 0.00 | 32.28 0.41 0.00 | 28.92 0.29 0.00 | 25.19 0.22 0.00 | 19.18 0.13 0.00 | 16.81 0.11 0.00 |
| FIBERTEK___ENERGY 23856 | 19.11 0.05 0.00 | 17.73 0.07 0.00 | 16.92 0.07 0.00 | 17.73 0.06 0.00 | 18.49 0.05 0.00 | 18.64 0.05 0.00 | 19.89 0.02 0.00 | 19.16 0.03 0.00 | 16.65 0.00 0.00 | 14.43 -0.01 0.00 | 15.11 0.02 0.00 | 16.05 0.05 0.00 | 15.30 0.09 0.00 | 15.16 0.12 0.00 | 16.43 0.14 0.00 | 16.74 -0.04 0.00 | 19.25 -0.17 0.00 | 22.47 -0.24 0.00 | 26.27 -0.31 0.00 | 31.49 -0.37 0.00 | 28.20 -0.43 0.00 | 24.60 -0.38 0.00 | 18.78 -0.26 0.00 | 16.47 -0.22 0.00 |
| FITZPATRICK____ 23598 | 18.49 -0.57 0.00 | 17.14 -0.52 0.00 | 16.35 -0.49 0.00 | 17.14 -0.53 0.00 | 17.88 -0.56 0.00 | 18.03 -0.56 0.00 | 19.25 -0.62 0.00 | 18.54 -0.60 0.00 | 16.13 -0.52 0.00 | 13.98 -0.45 0.00 | 14.63 -0.46 0.00 | 15.53 -0.47 0.00 | 14.77 -0.44 0.00 | 14.62 -0.42 0.00 | 15.84 -0.45 0.00 | 16.30 -0.48 0.00 | 18.81 -0.61 0.00 | 21.94 -0.77 0.00 | 25.66 -0.92 0.00 | 30.76 -1.11 0.00 | 27.57 -1.06 0.00 | 24.06 -0.92 0.00 | 18.38 -0.67 0.00 | 16.13 -0.56 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 20.52 1.46 0.00 | 19.12 1.47 0.00 | 18.27 1.43 0.00 | 19.14 1.47 0.00 | 19.91 1.48 0.00 | 20.09 1.50 0.00 | 21.68 1.80 0.00 | 20.94 1.80 0.00 | 18.11 1.46 0.00 | 15.59 1.15 0.00 | 16.17 1.09 0.00 | 17.25 1.26 0.00 | 16.31 1.10 0.00 | 103.13 0.99 -87.10 | 30.06 1.12 -12.66 | 48.36 1.29 -30.29 | 26.89 1.52 -5.96 | 26.09 1.85 -1.53 | 55.11 2.21 -26.32 | 56.84 2.68 -22.30 | 51.13 2.36 -20.15 | 34.25 1.99 -7.29 | 31.80 1.57 -11.18 | 31.11 1.20 -13.22 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 20.35 1.29 0.00 | 18.86 1.20 0.00 | 18.01 1.16 0.00 | 18.89 1.22 0.00 | 19.65 1.21 0.00 | 19.81 1.22 0.00 | 21.27 1.40 0.00 | 20.53 1.39 0.00 | 17.84 1.19 0.00 | 15.45 1.01 0.00 | 16.07 0.98 0.00 | 17.00 1.00 0.00 | 16.13 0.91 0.00 | 15.93 0.89 0.00 | 17.27 0.98 0.00 | 17.84 1.06 0.00 | 20.74 1.32 0.00 | 24.34 1.63 0.00 | 28.55 1.97 0.00 | 34.27 2.40 0.00 | 30.74 2.11 0.00 | 26.74 1.77 0.00 | 20.36 1.32 0.00 | 17.77 1.08 0.00 |
| FORT ORANGE____ 23900 | 19.30 0.24 0.00 | 17.89 0.23 0.00 | 17.09 0.24 0.00 | 17.92 0.26 0.00 | 18.66 0.22 0.00 | 18.83 0.24 0.00 | 20.16 0.29 0.00 | 19.39 0.25 0.00 | 16.82 0.18 0.00 | 14.63 0.19 0.00 | 15.21 0.12 0.00 | 16.07 0.07 0.00 | 15.33 0.12 0.00 | 15.13 0.09 0.00 | 16.31 0.02 0.00 | 16.79 0.02 0.00 | 19.53 0.11 0.00 | 22.88 0.16 0.00 | 26.88 0.30 0.00 | 32.24 0.38 0.00 | 28.98 0.36 0.00 | 25.24 0.27 0.00 | 19.24 0.19 0.00 | 16.88 0.19 0.00 |
| FORT_DRUM_COGEN 23780 | 18.54 -0.52 0.00 | 17.04 -0.62 0.00 | 16.18 -0.67 0.00 | 16.97 -0.70 0.00 | 17.83 -0.61 0.00 | 18.12 -0.47 0.00 | 19.48 -0.40 0.00 | 18.66 -0.48 0.00 | 16.23 -0.42 0.00 | 13.92 -0.52 0.00 | 14.32 -0.77 0.00 | 15.01 -0.99 0.00 | 14.35 -0.87 0.00 | 14.28 -0.75 0.00 | 15.70 -0.59 0.00 | 16.17 -0.61 0.00 | 18.55 -0.86 0.00 | 21.95 -0.77 0.00 | 25.86 -0.72 0.00 | 31.06 -0.81 0.00 | 27.84 -0.78 0.00 | 24.30 -0.67 0.00 | 18.48 -0.56 0.00 | 16.15 -0.54 0.00 |
| FOX_HILLS___ESR 323835 | 20.33 1.27 0.00 | 18.85 1.19 0.00 | 18.01 1.16 0.00 | 18.86 1.19 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.36 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.55 1.11 0.00 | 16.12 1.04 0.00 | 17.05 1.05 0.00 | 16.20 0.98 0.00 | 15.97 0.93 0.00 | 17.31 1.02 0.00 | 17.85 1.07 0.00 | 20.71 1.29 0.00 | 24.26 1.54 0.00 | 28.42 1.84 0.00 | 33.90 2.03 0.00 | 30.57 1.94 0.00 | 26.57 1.60 0.00 | 20.30 1.25 0.00 | 17.72 1.02 0.00 |
| FPL FAR_ROCK_GT1 24212 | 20.52 1.46 0.00 | 19.04 1.39 0.00 | 18.19 1.34 0.00 | 19.06 1.39 0.00 | 19.81 1.37 0.00 | 19.95 1.36 0.00 | 21.46 1.58 0.00 | 20.72 1.58 0.00 | 17.98 1.33 0.00 | 15.56 1.13 0.00 | 16.20 1.11 0.00 | 17.25 1.26 0.00 | 16.34 1.12 0.00 | 103.24 1.10 -87.10 | 30.12 1.28 -12.55 | 48.48 1.41 -30.29 | 27.08 1.70 -5.96 | 26.24 1.99 -1.53 | 55.27 2.37 -26.32 | 56.89 2.73 -22.30 | 51.26 2.49 -20.15 | 34.47 2.21 -7.29 | 31.89 1.67 -11.18 | 31.27 1.35 -13.22 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| FPL FAR_ROCK_GT2 23815 | 20.52 1.46 0.00 | 19.04 1.39 0.00 | 18.19 1.34 0.00 | 19.06 1.39 0.00 | 19.81 1.37 0.00 | 19.95 1.36 0.00 | 21.46 1.58 0.00 | 20.72 1.58 0.00 | 17.98 1.33 0.00 | 15.56 1.13 0.00 | 16.20 1.11 0.00 | 17.25 1.26 0.00 | 16.34 1.12 0.00 | 103.24 1.10 -87.10 | 30.12 1.28 -12.55 | 48.48 1.41 -30.29 | 27.08 1.70 -5.96 | 26.24 1.99 -1.53 | 55.27 2.37 -26.32 | 56.89 2.73 -22.30 | 51.26 2.49 -20.15 | 34.47 2.21 -7.29 | 31.89 1.67 -11.18 | 31.27 1.35 -13.22 |
| FRANKLIN_FALL_HYD 24054 | 18.79 -0.27 0.00 | 17.38 -0.28 0.00 | 16.63 -0.22 0.00 | 17.54 -0.13 0.00 | 18.39 -0.05 0.00 | 18.49 -0.10 0.00 | 19.71 -0.16 0.00 | 19.09 -0.05 0.00 | 16.73 0.08 0.00 | 14.57 0.13 0.00 | 15.25 0.17 0.00 | 16.12 0.12 0.00 | 15.20 -0.01 0.00 | 15.01 -0.03 0.00 | 16.24 -0.05 0.00 | 16.72 -0.05 0.00 | 19.47 0.05 0.00 | 23.00 0.28 0.00 | 26.94 0.36 0.00 | 32.46 0.59 0.00 | 29.36 0.73 0.00 | 25.60 0.63 0.00 | 19.44 0.39 0.00 | 16.88 0.18 0.00 |
| FREEPORT_EQUS_GT1 23764 | 20.41 1.36 0.00 | 18.96 1.31 0.00 | 18.11 1.26 0.00 | 18.97 1.30 0.00 | 19.72 1.28 0.00 | 19.86 1.27 0.00 | 21.37 1.50 0.00 | 20.64 1.50 0.00 | 17.91 1.26 0.00 | 15.48 1.04 0.00 | 16.12 1.03 0.00 | 17.14 1.14 0.00 | 16.23 1.02 0.00 | 103.13 0.99 -87.10 | 30.08 1.16 -12.62 | 48.36 1.30 -30.29 | 26.94 1.58 -5.96 | 26.13 1.88 -1.53 | 55.14 2.24 -26.32 | 56.85 2.69 -22.30 | 51.17 2.40 -20.15 | 34.31 2.05 -7.29 | 31.78 1.56 -11.18 | 31.15 1.24 -13.22 |
| FREEPORT___CT2 23818 | 20.41 1.36 0.00 | 18.96 1.31 0.00 | 18.11 1.26 0.00 | 18.97 1.30 0.00 | 19.72 1.28 0.00 | 19.86 1.27 0.00 | 21.37 1.50 0.00 | 20.64 1.50 0.00 | 17.91 1.26 0.00 | 15.48 1.04 0.00 | 16.12 1.03 0.00 | 17.14 1.14 0.00 | 16.23 1.02 0.00 | 103.13 0.99 -87.10 | 30.08 1.16 -12.62 | 48.36 1.30 -30.29 | 26.94 1.58 -5.96 | 26.13 1.88 -1.53 | 55.14 2.24 -26.32 | 56.85 2.69 -22.30 | 51.17 2.40 -20.15 | 34.31 2.05 -7.29 | 31.78 1.56 -11.18 | 31.15 1.24 -13.22 |
| FRESHKLS_33_KV_LOAD 356253 | 20.33 1.27 0.00 | 18.84 1.19 0.00 | 18.01 1.17 0.00 | 18.86 1.19 0.00 | 19.60 1.16 0.00 | 19.75 1.15 0.00 | 21.25 1.38 0.00 | 20.53 1.39 0.00 | 17.89 1.25 0.00 | 15.53 1.09 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.93 0.89 0.00 | 17.25 0.97 0.00 | 17.79 1.02 0.00 | 20.67 1.25 0.00 | 24.22 1.51 0.00 | 28.43 1.85 0.00 | 33.88 2.02 0.00 | 30.58 1.95 0.00 | 26.59 1.62 0.00 | 20.31 1.26 0.00 | 17.73 1.03 0.00 |
| FULTON COGEN____ 23766 | 18.63 -0.43 0.00 | 17.27 -0.39 0.00 | 16.48 -0.37 0.00 | 17.27 -0.40 0.00 | 18.01 -0.43 0.00 | 18.17 -0.43 0.00 | 19.41 -0.46 0.00 | 18.69 -0.45 0.00 | 16.25 -0.40 0.00 | 14.07 -0.37 0.00 | 14.72 -0.36 0.00 | 15.63 -0.37 0.00 | 14.88 -0.33 0.00 | 14.74 -0.30 0.00 | 15.97 -0.32 0.00 | 16.43 -0.35 0.00 | 18.96 -0.46 0.00 | 22.13 -0.58 0.00 | 25.89 -0.69 0.00 | 31.03 -0.84 0.00 | 27.78 -0.85 0.00 | 24.23 -0.74 0.00 | 18.51 -0.54 0.00 | 16.24 -0.45 0.00 |
| FULTON___LFGE 323630 | 21.16 2.10 0.00 | 19.57 1.91 0.00 | 18.62 1.77 0.00 | 19.50 1.83 0.00 | 20.50 2.06 0.00 | 20.78 2.19 0.00 | 22.10 2.23 0.00 | 20.91 1.77 0.00 | 17.78 1.13 0.00 | 15.02 0.58 0.00 | 15.41 0.32 0.00 | 16.53 0.53 0.00 | 15.57 0.36 0.00 | 15.40 0.36 0.00 | 16.83 0.54 0.00 | 17.87 1.09 0.00 | 21.30 1.88 0.00 | 25.31 2.60 0.00 | 29.79 3.21 0.00 | 35.88 4.01 0.00 | 32.22 3.59 0.00 | 28.01 3.04 0.00 | 21.30 2.26 0.00 | 18.63 1.94 0.00 |
| G.F.CEMENT___DRP 24184 | 19.67 0.61 0.00 | 18.20 0.54 0.00 | 17.43 0.59 0.00 | 18.33 0.66 0.00 | 19.06 0.63 0.00 | 19.22 0.63 0.00 | 20.63 0.75 0.00 | 19.81 0.67 0.00 | 17.12 0.48 0.00 | 14.71 0.27 0.00 | 15.22 0.13 0.00 | 16.09 0.09 0.00 | 15.34 0.13 0.00 | 15.10 0.06 0.00 | 16.36 0.07 0.00 | 16.92 0.14 0.00 | 19.76 0.35 0.00 | 23.37 0.66 0.00 | 27.62 1.04 0.00 | 33.09 1.22 0.00 | 29.74 1.11 0.00 | 25.87 0.90 0.00 | 19.63 0.59 0.00 | 17.17 0.48 0.00 |
| GARDENVILLE___LBMP 24039 | 18.33 -0.73 0.00 | 17.10 -0.55 0.00 | 16.29 -0.56 0.00 | 17.01 -0.66 0.00 | 17.70 -0.73 0.00 | 17.81 -0.79 0.00 | 18.77 -1.11 0.00 | 18.03 -1.11 0.00 | 15.76 -0.88 0.00 | 13.74 -0.70 0.00 | 14.61 -0.48 0.00 | 15.59 -0.41 0.00 | 14.84 -0.37 0.00 | 14.76 -0.27 0.00 | 16.00 -0.29 0.00 | 16.39 -0.38 0.00 | 18.83 -0.58 0.00 | 21.64 -1.08 0.00 | 25.21 -1.37 0.00 | 30.19 -1.68 0.00 | 26.64 -1.98 0.00 | 23.45 -1.52 0.00 | 18.03 -1.02 0.00 | 15.95 -0.75 0.00 |
| GARDNVLA_35_KV_LD 355827 | 18.42 -0.64 0.00 | 17.18 -0.47 0.00 | 16.37 -0.48 0.00 | 17.09 -0.58 0.00 | 17.79 -0.65 0.00 | 17.89 -0.70 0.00 | 18.86 -1.02 0.00 | 18.12 -1.02 0.00 | 15.85 -0.80 0.00 | 13.81 -0.63 0.00 | 14.68 -0.40 0.00 | 15.67 -0.33 0.00 | 14.91 -0.30 0.00 | 14.84 -0.20 0.00 | 16.08 -0.21 0.00 | 16.46 -0.32 0.00 | 18.92 -0.50 0.00 | 21.75 -0.96 0.00 | 25.35 -1.23 0.00 | 30.34 -1.52 0.00 | 26.78 -1.85 0.00 | 23.56 -1.41 0.00 | 18.11 -0.93 0.00 | 16.02 -0.67 0.00 |
| GELCKHM__115KV_LOAD 80723 | 18.90 -0.15 0.00 | 17.53 -0.12 0.00 | 16.73 -0.12 0.00 | 17.53 -0.14 0.00 | 18.28 -0.16 0.00 | 18.44 -0.16 0.00 | 19.68 -0.19 0.00 | 18.95 -0.19 0.00 | 16.48 -0.17 0.00 | 14.28 -0.16 0.00 | 14.95 -0.14 0.00 | 15.88 -0.12 0.00 | 15.12 -0.09 0.00 | 14.97 -0.06 0.00 | 16.23 -0.06 0.00 | 16.61 -0.16 0.00 | 19.14 -0.28 0.00 | 22.33 -0.38 0.00 | 26.13 -0.45 0.00 | 31.31 -0.56 0.00 | 28.04 -0.59 0.00 | 24.46 -0.51 0.00 | 18.68 -0.37 0.00 | 16.39 -0.30 0.00 |
| GENERAL___MILLS 23808 | 18.39 -0.67 0.00 | 17.16 -0.49 0.00 | 16.35 -0.50 0.00 | 17.07 -0.60 0.00 | 17.77 -0.67 0.00 | 17.87 -0.72 0.00 | 18.84 -1.04 0.00 | 18.10 -1.04 0.00 | 15.82 -0.82 0.00 | 13.79 -0.65 0.00 | 14.66 -0.43 0.00 | 15.64 -0.36 0.00 | 14.89 -0.32 0.00 | 14.81 -0.22 0.00 | 16.06 -0.23 0.00 | 16.44 -0.33 0.00 | 18.89 -0.52 0.00 | 21.72 -1.00 0.00 | 25.31 -1.27 0.00 | 30.29 -1.57 0.00 | 26.74 -1.88 0.00 | 23.53 -1.44 0.00 | 18.09 -0.95 0.00 | 16.00 -0.69 0.00 |
| GE_PLASTICS___DRP 24183 | 19.31 0.25 0.00 | 17.90 0.24 0.00 | 17.10 0.25 0.00 | 17.93 0.27 0.00 | 18.68 0.24 0.00 | 18.84 0.24 0.00 | 20.16 0.29 0.00 | 19.41 0.27 0.00 | 16.86 0.21 0.00 | 14.65 0.21 0.00 | 15.25 0.17 0.00 | 16.13 0.13 0.00 | 15.37 0.16 0.00 | 15.17 0.13 0.00 | 16.39 0.10 0.00 | 16.88 0.10 0.00 | 19.58 0.16 0.00 | 22.94 0.22 0.00 | 26.89 0.32 0.00 | 32.25 0.38 0.00 | 28.97 0.35 0.00 | 25.24 0.28 0.00 | 19.25 0.20 0.00 | 16.89 0.20 0.00 |
| GILBOA___1 23756 | 19.49 0.43 0.00 | 18.07 0.42 0.00 | 17.26 0.41 0.00 | 18.11 0.44 0.00 | 18.85 0.41 0.00 | 19.00 0.41 0.00 | 20.35 0.48 0.00 | 19.61 0.47 0.00 | 17.05 0.40 0.00 | 14.77 0.34 0.00 | 15.43 0.35 0.00 | 16.37 0.37 0.00 | 15.52 0.31 0.00 | 15.31 0.28 0.00 | 16.58 0.30 0.00 | 17.09 0.32 0.00 | 19.81 0.40 0.00 | 23.20 0.49 0.00 | 27.19 0.61 0.00 | 32.57 0.71 0.00 | 29.23 0.60 0.00 | 25.50 0.53 0.00 | 19.45 0.40 0.00 | 17.04 0.34 0.00 |
| GILBOA___2 23757 | 19.49 0.43 0.00 | 18.07 0.42 0.00 | 17.26 0.41 0.00 | 18.11 0.44 0.00 | 18.85 0.41 0.00 | 19.00 0.41 0.00 | 20.35 0.48 0.00 | 19.61 0.47 0.00 | 17.05 0.40 0.00 | 14.77 0.34 0.00 | 15.43 0.35 0.00 | 16.37 0.37 0.00 | 15.52 0.31 0.00 | 15.31 0.28 0.00 | 16.58 0.30 0.00 | 17.09 0.32 0.00 | 19.81 0.40 0.00 | 23.20 0.49 0.00 | 27.19 0.61 0.00 | 32.57 0.71 0.00 | 29.23 0.60 0.00 | 25.50 0.53 0.00 | 19.45 0.40 0.00 | 17.04 0.34 0.00 |

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| GILBOA___3 23758 | 19.49 0.43 0.00 | 18.07 0.42 0.00 | 17.26 0.41 0.00 | 18.11 0.44 0.00 | 18.85 0.41 0.00 | 19.00 0.41 0.00 | 20.35 0.48 0.00 | 19.61 0.47 0.00 | 17.05 0.40 0.00 | 14.77 0.34 0.00 | 15.43 0.35 0.00 | 16.37 0.37 0.00 | 15.52 0.31 0.00 | 15.31 0.28 0.00 | 16.58 0.30 0.00 | 17.09 0.32 0.00 | 19.81 0.40 0.00 | 23.20 0.49 0.00 | 27.19 0.61 0.00 | 32.57 0.71 0.00 | 29.23 0.60 0.00 | 25.50 0.53 0.00 | 19.45 0.40 0.00 | 17.04 0.34 0.00 |
| GILBOA___4 23759 | 19.49 0.43 0.00 | 18.07 0.42 0.00 | 17.26 0.41 0.00 | 18.11 0.44 0.00 | 18.85 0.41 0.00 | 19.00 0.41 0.00 | 20.35 0.48 0.00 | 19.61 0.47 0.00 | 17.05 0.40 0.00 | 14.77 0.34 0.00 | 15.43 0.35 0.00 | 16.37 0.37 0.00 | 15.52 0.31 0.00 | 15.31 0.28 0.00 | 16.58 0.30 0.00 | 17.09 0.32 0.00 | 19.81 0.40 0.00 | 23.20 0.49 0.00 | 27.19 0.61 0.00 | 32.57 0.71 0.00 | 29.23 0.60 0.00 | 25.50 0.53 0.00 | 19.45 0.40 0.00 | 17.04 0.34 0.00 |
| GILBOA___ 23599 | 19.49 0.43 0.00 | 18.07 0.42 0.00 | 17.26 0.41 0.00 | 18.11 0.44 0.00 | 18.85 0.41 0.00 | 19.00 0.41 0.00 | 20.35 0.48 0.00 | 19.61 0.47 0.00 | 17.05 0.40 0.00 | 14.77 0.34 0.00 | 15.44 0.35 0.00 | 16.37 0.37 0.00 | 15.52 0.31 0.00 | 15.31 0.28 0.00 | 16.59 0.30 0.00 | 17.10 0.32 0.00 | 19.81 0.40 0.00 | 23.21 0.49 0.00 | 27.19 0.61 0.00 | 32.57 0.70 0.00 | 29.23 0.60 0.00 | 25.50 0.53 0.00 | 19.44 0.40 0.00 | 17.04 0.34 0.00 |
| GINNA___ 23603 | 17.77 -1.29 0.00 | 16.51 -1.15 0.00 | 15.73 -1.12 0.00 | 16.46 -1.20 0.00 | 17.17 -1.27 0.00 | 17.31 -1.28 0.00 | 18.38 -1.49 0.00 | 17.68 -1.46 0.00 | 15.43 -1.22 0.00 | 13.41 -1.03 0.00 | 14.15 -0.94 0.00 | 15.07 -0.93 0.00 | 14.35 -0.87 0.00 | 14.22 -0.82 0.00 | 15.41 -0.88 0.00 | 15.82 -0.96 0.00 | 18.22 -1.19 0.00 | 21.12 -1.59 0.00 | 24.64 -1.94 0.00 | 29.52 -2.34 0.00 | 26.33 -2.29 0.00 | 23.02 -1.95 0.00 | 17.60 -1.45 0.00 | 15.48 -1.21 0.00 |
| GLEN PARK___ 23778 | 18.61 -0.45 0.00 | 17.10 -0.55 0.00 | 16.24 -0.61 0.00 | 17.03 -0.64 0.00 | 17.89 -0.55 0.00 | 18.19 -0.40 0.00 | 19.54 -0.33 0.00 | 18.70 -0.43 0.00 | 16.27 -0.38 0.00 | 13.93 -0.50 0.00 | 14.33 -0.76 0.00 | 15.00 -0.99 0.00 | 14.36 -0.85 0.00 | 14.33 -0.71 0.00 | 15.76 -0.53 0.00 | 16.21 -0.57 0.00 | 18.62 -0.80 0.00 | 22.04 -0.67 0.00 | 25.98 -0.60 0.00 | 31.21 -0.66 0.00 | 27.98 -0.65 0.00 | 24.42 -0.55 0.00 | 18.57 -0.48 0.00 | 16.22 -0.48 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 20.36 1.30 0.00 | 18.87 1.21 0.00 | 18.01 1.17 0.00 | 18.88 1.21 0.00 | 19.61 1.17 0.00 | 19.75 1.16 0.00 | 21.23 1.35 0.00 | 20.53 1.40 0.00 | 17.90 1.25 0.00 | 15.58 1.15 0.00 | 16.16 1.08 0.00 | 17.08 1.08 0.00 | 16.23 1.02 0.00 | 16.02 0.98 0.00 | 17.35 1.06 0.00 | 17.91 1.13 0.00 | 20.76 1.34 0.00 | 24.31 1.59 0.00 | 28.46 1.89 0.00 | 34.09 2.23 0.00 | 30.67 2.04 0.00 | 26.68 1.71 0.00 | 20.38 1.33 0.00 | 17.78 1.09 0.00 |
| GLENWOOD_IC_1_G5 23712 | 20.41 1.35 0.00 | 18.95 1.30 0.00 | 18.10 1.25 0.00 | 18.96 1.30 0.00 | 19.72 1.28 0.00 | 19.85 1.26 0.00 | 21.37 1.50 0.00 | 20.64 1.51 0.00 | 17.92 1.27 0.00 | 15.51 1.07 0.00 | 16.15 1.06 0.00 | 17.17 1.18 0.00 | 16.26 1.05 0.00 | 103.18 1.04 -87.10 | 30.14 1.21 -12.63 | 48.39 1.32 -30.29 | 26.95 1.58 -5.96 | 26.13 1.88 -1.53 | 55.14 2.24 -26.32 | 56.87 2.70 -22.30 | 51.18 2.40 -20.15 | 34.31 2.05 -7.29 | 31.76 1.54 -11.18 | 31.15 1.24 -13.22 |
| GLENWOOD_IC_2_G1 23688 | 20.37 1.31 0.00 | 18.92 1.26 0.00 | 18.06 1.22 0.00 | 18.93 1.26 0.00 | 19.68 1.24 0.00 | 19.82 1.23 0.00 | 21.33 1.46 0.00 | 20.60 1.47 0.00 | 17.88 1.23 0.00 | 15.48 1.04 0.00 | 16.11 1.02 0.00 | 17.13 1.13 0.00 | 16.23 1.02 0.00 | 103.14 1.00 -87.10 | 30.11 1.17 -12.65 | 48.33 1.27 -30.29 | 26.89 1.52 -5.96 | 26.06 1.81 -1.53 | 55.07 2.18 -26.32 | 56.77 2.61 -22.30 | 51.10 2.32 -20.15 | 34.24 1.98 -7.29 | 31.72 1.49 -11.18 | 31.11 1.19 -13.22 |
| GLENWOOD_IC_3_G1 23689 | 20.37 1.31 0.00 | 18.92 1.26 0.00 | 18.06 1.22 0.00 | 18.93 1.26 0.00 | 19.68 1.24 0.00 | 19.82 1.23 0.00 | 21.33 1.46 0.00 | 20.60 1.47 0.00 | 17.88 1.23 0.00 | 15.48 1.04 0.00 | 16.11 1.02 0.00 | 17.13 1.13 0.00 | 16.23 1.02 0.00 | 103.14 1.00 -87.10 | 30.11 1.17 -12.65 | 48.33 1.27 -30.29 | 26.89 1.52 -5.96 | 26.06 1.81 -1.53 | 55.07 2.18 -26.32 | 56.77 2.61 -22.30 | 51.10 2.32 -20.15 | 34.24 1.98 -7.29 | 31.72 1.49 -11.18 | 31.11 1.19 -13.22 |
| GLENWOOD___4 23550 | 20.41 1.35 0.00 | 18.95 1.30 0.00 | 18.10 1.25 0.00 | 18.96 1.30 0.00 | 19.72 1.28 0.00 | 19.85 1.26 0.00 | 21.37 1.50 0.00 | 20.64 1.51 0.00 | 17.92 1.27 0.00 | 15.51 1.07 0.00 | 16.15 1.06 0.00 | 17.17 1.18 0.00 | 16.26 1.05 0.00 | 103.18 1.04 -87.10 | 30.14 1.21 -12.63 | 48.39 1.32 -30.29 | 26.95 1.58 -5.96 | 26.13 1.88 -1.53 | 55.14 2.24 -26.32 | 56.87 2.70 -22.30 | 51.18 2.40 -20.15 | 34.31 2.05 -7.29 | 31.76 1.54 -11.18 | 31.15 1.24 -13.22 |
| GLENWOOD___5 23614 | 20.41 1.35 0.00 | 18.95 1.30 0.00 | 18.10 1.25 0.00 | 18.96 1.30 0.00 | 19.72 1.28 0.00 | 19.85 1.26 0.00 | 21.37 1.50 0.00 | 20.64 1.51 0.00 | 17.92 1.27 0.00 | 15.51 1.07 0.00 | 16.15 1.06 0.00 | 17.17 1.18 0.00 | 16.26 1.05 0.00 | 103.18 1.04 -87.10 | 30.14 1.21 -12.63 | 48.39 1.32 -30.29 | 26.95 1.58 -5.96 | 26.13 1.88 -1.53 | 55.14 2.24 -26.32 | 56.87 2.70 -22.30 | 51.18 2.40 -20.15 | 34.31 2.05 -7.29 | 31.76 1.54 -11.18 | 31.15 1.24 -13.22 |
| GLOBAL GREEN_PORT_GT1 23814 | 20.89 1.83 0.00 | 19.52 1.86 0.00 | 18.66 1.82 0.00 | 19.53 1.87 0.00 | 20.36 1.92 0.00 | 20.65 2.06 0.00 | 22.32 2.45 0.00 | 21.53 2.39 0.00 | 18.60 1.95 0.00 | 15.95 1.51 0.00 | 16.44 1.35 0.00 | 17.58 1.58 0.00 | 16.56 1.35 0.00 | 103.05 0.91 -87.10 | 29.95 1.00 -12.66 | 48.49 1.43 -30.29 | 26.97 1.60 -5.96 | 26.19 1.95 -1.53 | 55.40 2.50 -26.32 | 57.18 3.02 -22.30 | 51.42 2.65 -20.15 | 34.45 2.19 -7.29 | 31.89 1.67 -11.18 | 31.15 1.24 -13.22 |
| GLOBE___DSASP 323697 | 17.79 -1.27 0.00 | 16.60 -1.05 0.00 | 15.81 -1.04 0.00 | 16.52 -1.15 0.00 | 17.21 -1.23 0.00 | 17.29 -1.30 0.00 | 18.15 -1.72 0.00 | 17.41 -1.73 0.00 | 15.25 -1.39 0.00 | 13.30 -1.14 0.00 | 14.23 -0.85 0.00 | 15.24 -0.76 0.00 | 14.50 -0.71 0.00 | 14.43 -0.61 0.00 | 15.64 -0.65 0.00 | 15.99 -0.79 0.00 | 18.30 -1.11 0.00 | 20.96 -1.76 0.00 | 24.40 -2.18 0.00 | 29.17 -2.70 0.00 | 25.78 -2.85 0.00 | 22.69 -2.27 0.00 | 17.48 -1.57 0.00 | 15.49 -1.20 0.00 |
| GOETHSLN___LBMP 323567 | 20.21 1.15 0.00 | 18.73 1.07 0.00 | 17.89 1.04 0.00 | 18.76 1.09 0.00 | 19.49 1.05 0.00 | 19.63 1.04 0.00 | 21.10 1.23 0.00 | 20.40 1.27 0.00 | 17.79 1.14 0.00 | 15.47 1.03 0.00 | 16.06 0.97 0.00 | 16.97 0.97 0.00 | 16.12 0.90 0.00 | 15.89 0.86 0.00 | 17.23 0.94 0.00 | 17.77 0.99 0.00 | 20.59 1.18 0.00 | 24.13 1.41 0.00 | 28.23 1.65 0.00 | 33.84 1.98 0.00 | 30.41 1.78 0.00 | 26.45 1.48 0.00 | 20.20 1.16 0.00 | 17.63 0.94 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 18.64 -0.42 0.00 | 17.35 -0.31 0.00 | 16.52 -0.33 0.00 | 17.28 -0.39 0.00 | 18.02 -0.42 0.00 | 18.15 -0.45 0.00 | 19.21 -0.67 0.00 | 18.46 -0.67 0.00 | 16.13 -0.52 0.00 | 14.05 -0.39 0.00 | 14.86 -0.23 0.00 | 15.84 -0.15 0.00 | 15.06 -0.15 0.00 | 14.94 -0.10 0.00 | 16.19 -0.10 0.00 | 16.58 -0.20 0.00 | 19.13 -0.29 0.00 | 22.09 -0.62 0.00 | 25.76 -0.82 0.00 | 30.88 -0.98 0.00 | 27.46 -1.16 0.00 | 24.07 -0.90 0.00 | 18.44 -0.61 0.00 | 16.24 -0.45 0.00 |

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| GOODYEAR_LAKE_HYD 323669 | 19.76 0.70 0.00 | 18.32 0.66 0.00 | 17.48 0.63 0.00 | 18.32 0.65 0.00 | 19.11 0.67 0.00 | 19.28 0.68 0.00 | 20.61 0.74 0.00 | 19.84 0.70 0.00 | 17.28 0.63 0.00 | 14.95 0.52 0.00 | 15.62 0.53 0.00 | 16.57 0.57 0.00 | 15.74 0.52 0.00 | 15.58 0.55 0.00 | 16.91 0.62 0.00 | 17.43 0.65 0.00 | 20.17 0.75 0.00 | 23.60 0.89 0.00 | 27.63 1.05 0.00 | 33.12 1.26 0.00 | 29.68 1.06 0.00 | 25.87 0.90 0.00 | 19.73 0.69 0.00 | 17.29 0.60 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 19.10 0.04 0.00 | 17.74 0.09 0.00 | 16.94 0.09 0.00 | 17.75 0.09 0.00 | 18.46 0.02 0.00 | 18.61 0.02 0.00 | 19.87 0.00 0.00 | 19.15 0.01 0.00 | 16.62 -0.02 0.00 | 14.42 -0.02 0.00 | 15.14 0.06 0.00 | 16.05 0.05 0.00 | 15.28 0.07 0.00 | 15.15 0.12 0.00 | 16.45 0.16 0.00 | 16.93 0.15 0.00 | 19.51 0.10 0.00 | 22.75 0.04 0.00 | 26.63 0.05 0.00 | 31.91 0.05 0.00 | 28.46 -0.17 0.00 | 24.89 -0.08 0.00 | 19.03 -0.02 0.00 | 16.73 0.04 0.00 |
| GOUDEY___7 23579 | 19.11 0.05 0.00 | 17.76 0.10 0.00 | 16.96 0.11 0.00 | 17.76 0.09 0.00 | 18.47 0.03 0.00 | 18.62 0.03 0.00 | 19.88 0.01 0.00 | 19.17 0.03 0.00 | 16.63 -0.02 0.00 | 14.43 -0.01 0.00 | 15.16 0.07 0.00 | 16.06 0.06 0.00 | 15.29 0.08 0.00 | 15.17 0.13 0.00 | 16.46 0.18 0.00 | 16.94 0.16 0.00 | 19.53 0.11 0.00 | 22.77 0.05 0.00 | 26.65 0.07 0.00 | 31.94 0.08 0.00 | 28.48 -0.14 0.00 | 24.92 -0.05 0.00 | 19.04 -0.01 0.00 | 16.74 0.05 0.00 |
| GOUDEY___8 23580 | 19.10 0.04 0.00 | 17.74 0.09 0.00 | 16.94 0.09 0.00 | 17.75 0.09 0.00 | 18.46 0.02 0.00 | 18.61 0.02 0.00 | 19.87 0.00 0.00 | 19.15 0.01 0.00 | 16.62 -0.02 0.00 | 14.42 -0.02 0.00 | 15.14 0.06 0.00 | 16.05 0.05 0.00 | 15.28 0.07 0.00 | 15.15 0.12 0.00 | 16.45 0.16 0.00 | 16.93 0.15 0.00 | 19.51 0.10 0.00 | 22.75 0.04 0.00 | 26.63 0.05 0.00 | 31.91 0.05 0.00 | 28.46 -0.17 0.00 | 24.89 -0.08 0.00 | 19.03 -0.02 0.00 | 16.73 0.04 0.00 |
| GOWANUS_GT1_1 24077 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT1_2 24078 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT1_3 24079 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT1_4 24080 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT1_5 24084 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT1_6 24111 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT1_7 24112 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT1_8 24113 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT2_1 24114 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT2_2 24115 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT2_3 24116 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |

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| GOWANUS_GT2_4 24117 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT2_5 24118 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT2_6 24119 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT2_7 24120 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT2_8 24121 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT3_1 24122 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT3_2 24123 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT3_3 24124 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT3_4 24125 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT3_5 24126 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT3_6 24127 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT3_7 24128 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT3_8 24129 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT4_1 24130 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT4_2 24131 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| GOWANUS_GT4_3 24132 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT4_4 24133 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT4_5 24134 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT4_6 24135 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT4_7 24136 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GOWANUS_GT4_8 24137 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GREENBSH_115KV_TB3 55895 | 19.20 0.15 0.00 | 17.80 0.14 0.00 | 17.01 0.16 0.00 | 17.84 0.17 0.00 | 18.57 0.13 0.00 | 18.73 0.14 0.00 | 20.05 0.18 0.00 | 19.30 0.17 0.00 | 16.77 0.12 0.00 | 14.60 0.16 0.00 | 15.19 0.10 0.00 | 16.05 0.05 0.00 | 15.32 0.11 0.00 | 15.11 0.08 0.00 | 16.30 0.01 0.00 | 16.77 0.00 0.00 | 19.47 0.05 0.00 | 22.78 0.07 0.00 | 26.73 0.15 0.00 | 32.04 0.18 0.00 | 28.80 0.18 0.00 | 25.09 0.12 0.00 | 19.13 0.08 0.00 | 16.79 0.10 0.00 |
| GREENIDGE_115KV_TB5 80291 | 18.86 -0.20 0.00 | 17.52 -0.14 0.00 | 16.70 -0.15 0.00 | 17.45 -0.22 0.00 | 18.15 -0.29 0.00 | 18.30 -0.29 0.00 | 19.51 -0.36 0.00 | 18.80 -0.33 0.00 | 16.31 -0.33 0.00 | 14.13 -0.31 0.00 | 14.91 -0.18 0.00 | 15.81 -0.18 0.00 | 15.09 -0.12 0.00 | 14.97 -0.07 0.00 | 16.24 -0.05 0.00 | 16.67 -0.10 0.00 | 19.20 -0.22 0.00 | 22.33 -0.39 0.00 | 26.10 -0.48 0.00 | 31.09 -0.77 0.00 | 27.85 -0.78 0.00 | 24.40 -0.57 0.00 | 18.62 -0.42 0.00 | 16.38 -0.31 0.00 |
| GREENIDGE___3 23582 | 18.86 -0.20 0.00 | 17.52 -0.14 0.00 | 16.70 -0.15 0.00 | 17.45 -0.22 0.00 | 18.15 -0.29 0.00 | 18.30 -0.29 0.00 | 19.51 -0.36 0.00 | 18.80 -0.33 0.00 | 16.31 -0.33 0.00 | 14.13 -0.31 0.00 | 14.91 -0.18 0.00 | 15.81 -0.18 0.00 | 15.09 -0.12 0.00 | 14.97 -0.07 0.00 | 16.24 -0.05 0.00 | 16.67 -0.10 0.00 | 19.20 -0.22 0.00 | 22.33 -0.39 0.00 | 26.10 -0.48 0.00 | 31.09 -0.77 0.00 | 27.85 -0.78 0.00 | 24.40 -0.57 0.00 | 18.62 -0.42 0.00 | 16.38 -0.31 0.00 |
| GREENIDGE___4 23583 | 18.85 -0.21 0.00 | 17.52 -0.14 0.00 | 16.70 -0.15 0.00 | 17.45 -0.22 0.00 | 18.15 -0.29 0.00 | 18.30 -0.29 0.00 | 19.51 -0.36 0.00 | 18.80 -0.33 0.00 | 16.31 -0.33 0.00 | 14.13 -0.31 0.00 | 14.91 -0.18 0.00 | 15.81 -0.18 0.00 | 15.09 -0.12 0.00 | 14.97 -0.07 0.00 | 16.24 -0.04 0.00 | 16.68 -0.09 0.00 | 19.20 -0.22 0.00 | 22.33 -0.39 0.00 | 26.09 -0.49 0.00 | 31.09 -0.77 0.00 | 27.84 -0.78 0.00 | 24.40 -0.57 0.00 | 18.62 -0.42 0.00 | 16.38 -0.31 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 20.32 1.26 0.00 | 18.90 1.24 0.00 | 18.05 1.20 0.00 | 18.91 1.24 0.00 | 19.66 1.22 0.00 | 19.79 1.19 0.00 | 21.30 1.43 0.00 | 20.58 1.44 0.00 | 17.83 1.19 0.00 | 15.41 0.97 0.00 | 16.05 0.96 0.00 | 17.10 1.10 0.00 | 16.18 0.97 0.00 | 103.06 0.92 -87.10 | 30.02 1.07 -12.65 | 48.23 1.17 -30.29 | 26.75 1.38 -5.96 | 25.91 1.67 -1.53 | 54.87 1.97 -26.32 | 56.53 2.37 -22.30 | 50.87 2.09 -20.15 | 34.04 1.78 -7.29 | 31.58 1.36 -11.18 | 30.96 1.05 -13.22 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| GRISSOM___SOLAR 323813 | 21.16 2.10 0.00 | 19.57 1.91 0.00 | 18.62 1.77 0.00 | 19.50 1.83 0.00 | 20.50 2.06 0.00 | 20.78 2.19 0.00 | 22.10 2.23 0.00 | 20.91 1.77 0.00 | 17.78 1.13 0.00 | 15.02 0.58 0.00 | 15.41 0.32 0.00 | 16.53 0.53 0.00 | 15.57 0.36 0.00 | 15.40 0.36 0.00 | 16.83 0.54 0.00 | 17.87 1.09 0.00 | 21.30 1.88 0.00 | 25.31 2.60 0.00 | 29.79 3.21 0.00 | 35.88 4.01 0.00 | 32.22 3.59 0.00 | 28.01 3.04 0.00 | 21.30 2.26 0.00 | 18.63 1.94 0.00 |
| GROVEVILLE___HYD 323602 | 20.35 1.29 0.00 | 18.86 1.20 0.00 | 18.01 1.16 0.00 | 18.89 1.22 0.00 | 19.65 1.21 0.00 | 19.81 1.22 0.00 | 21.27 1.40 0.00 | 20.53 1.39 0.00 | 17.84 1.19 0.00 | 15.45 1.01 0.00 | 16.07 0.98 0.00 | 17.00 1.00 0.00 | 16.13 0.91 0.00 | 15.93 0.89 0.00 | 17.27 0.98 0.00 | 17.84 1.06 0.00 | 20.74 1.32 0.00 | 24.34 1.63 0.00 | 28.55 1.97 0.00 | 34.27 2.40 0.00 | 30.74 2.11 0.00 | 26.74 1.77 0.00 | 20.36 1.32 0.00 | 17.77 1.08 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 19.11 0.05 0.00 | 17.73 0.07 0.00 | 16.92 0.07 0.00 | 17.73 0.06 0.00 | 18.49 0.05 0.00 | 18.64 0.05 0.00 | 19.89 0.02 0.00 | 19.16 0.03 0.00 | 16.65 0.00 0.00 | 14.43 -0.01 0.00 | 15.11 0.02 0.00 | 16.05 0.05 0.00 | 15.30 0.09 0.00 | 15.16 0.12 0.00 | 16.43 0.14 0.00 | 16.74 -0.04 0.00 | 19.25 -0.17 0.00 | 22.47 -0.24 0.00 | 26.27 -0.31 0.00 | 31.49 -0.37 0.00 | 28.20 -0.43 0.00 | 24.60 -0.38 0.00 | 18.78 -0.26 0.00 | 16.47 -0.22 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| HAMLTNNY_34_KV_TB 80303 | 19.23 0.17 0.00 | 17.85 0.20 0.00 | 17.03 0.18 0.00 | 17.84 0.17 0.00 | 18.61 0.17 0.00 | 18.76 0.16 0.00 | 19.99 0.12 0.00 | 19.28 0.14 0.00 | 16.75 0.10 0.00 | 14.50 0.06 0.00 | 15.21 0.12 0.00 | 16.16 0.17 0.00 | 15.44 0.22 0.00 | 15.29 0.26 0.00 | 16.56 0.27 0.00 | 16.77 0.00 0.00 | 19.23 -0.18 0.00 | 22.44 -0.27 0.00 | 26.21 -0.37 0.00 | 31.44 -0.43 0.00 | 28.16 -0.47 0.00 | 24.56 -0.41 0.00 | 18.75 -0.30 0.00 | 16.43 -0.26 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 18.42 -0.64 0.00 | 16.97 -0.69 0.00 | 16.15 -0.70 0.00 | 16.96 -0.71 0.00 | 17.82 -0.62 0.00 | 18.06 -0.53 0.00 | 19.32 -0.55 0.00 | 18.54 -0.60 0.00 | 16.14 -0.51 0.00 | 13.94 -0.50 0.00 | 14.44 -0.64 0.00 | 15.24 -0.75 0.00 | 14.52 -0.69 0.00 | 14.39 -0.65 0.00 | 15.70 -0.59 0.00 | 16.20 -0.58 0.00 | 18.68 -0.73 0.00 | 22.01 -0.71 0.00 | 25.84 -0.74 0.00 | 31.05 -0.82 0.00 | 27.94 -0.68 0.00 | 24.41 -0.56 0.00 | 18.56 -0.48 0.00 | 16.22 -0.47 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 18.91 -0.14 0.00 | 17.47 -0.19 0.00 | 16.67 -0.18 0.00 | 17.54 -0.12 0.00 | 18.42 -0.02 0.00 | 18.67 0.08 0.00 | 19.95 0.08 0.00 | 19.18 0.04 0.00 | 16.57 -0.08 0.00 | 14.22 -0.22 0.00 | 14.69 -0.40 0.00 | 15.57 -0.43 0.00 | 14.84 -0.38 0.00 | 14.62 -0.41 0.00 | 15.83 -0.46 0.00 | 16.45 -0.33 0.00 | 19.18 -0.23 0.00 | 22.60 -0.11 0.00 | 26.62 0.04 0.00 | 32.03 0.17 0.00 | 28.78 0.15 0.00 | 25.03 0.06 0.00 | 19.08 0.04 0.00 | 16.67 -0.02 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 20.15 1.09 0.00 | 18.67 1.01 0.00 | 17.83 0.99 0.00 | 18.71 1.04 0.00 | 19.45 1.01 0.00 | 19.61 1.01 0.00 | 21.06 1.18 0.00 | 20.32 1.18 0.00 | 17.66 1.02 0.00 | 15.31 0.87 0.00 | 15.93 0.85 0.00 | 16.86 0.86 0.00 | 16.01 0.79 0.00 | 15.79 0.75 0.00 | 17.12 0.84 0.00 | 17.69 0.91 0.00 | 20.54 1.12 0.00 | 24.09 1.38 0.00 | 28.22 1.64 0.00 | 33.86 1.99 0.00 | 30.36 1.73 0.00 | 26.40 1.43 0.00 | 20.12 1.07 0.00 | 17.56 0.87 0.00 |
| HARSNRAD_115KV_TB1 81005 | 18.08 -0.98 0.00 | 16.87 -0.79 0.00 | 16.06 -0.79 0.00 | 16.78 -0.89 0.00 | 17.47 -0.97 0.00 | 17.57 -1.02 0.00 | 18.47 -1.40 0.00 | 17.72 -1.42 0.00 | 15.53 -1.12 0.00 | 13.54 -0.89 0.00 | 14.40 -0.68 0.00 | 15.40 -0.60 0.00 | 14.65 -0.57 0.00 | 14.57 -0.47 0.00 | 15.78 -0.51 0.00 | 16.14 -0.64 0.00 | 18.55 -0.86 0.00 | 21.30 -1.42 0.00 | 24.80 -1.78 0.00 | 29.68 -2.19 0.00 | 26.24 -2.39 0.00 | 23.09 -1.88 0.00 | 17.77 -1.27 0.00 | 15.74 -0.96 0.00 |
| HARZA MOOSE___RIVER 24016 | 18.93 -0.13 0.00 | 17.44 -0.22 0.00 | 16.60 -0.25 0.00 | 17.43 -0.24 0.00 | 18.28 -0.16 0.00 | 18.55 -0.04 0.00 | 19.86 -0.01 0.00 | 19.07 -0.07 0.00 | 16.57 -0.08 0.00 | 14.29 -0.15 0.00 | 14.78 -0.31 0.00 | 15.61 -0.39 0.00 | 14.85 -0.36 0.00 | 14.72 -0.31 0.00 | 16.08 -0.21 0.00 | 16.60 -0.18 0.00 | 19.13 -0.29 0.00 | 22.50 -0.22 0.00 | 26.46 -0.12 0.00 | 31.78 -0.08 0.00 | 28.46 -0.17 0.00 | 24.84 -0.13 0.00 | 18.90 -0.14 0.00 | 16.54 -0.16 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 18.88 -0.18 0.00 | 17.50 -0.15 0.00 | 16.71 -0.14 0.00 | 17.51 -0.16 0.00 | 18.25 -0.19 0.00 | 18.41 -0.19 0.00 | 19.65 -0.22 0.00 | 18.92 -0.22 0.00 | 16.45 -0.20 0.00 | 14.26 -0.18 0.00 | 14.94 -0.15 0.00 | 15.86 -0.14 0.00 | 15.10 -0.11 0.00 | 14.95 -0.08 0.00 | 16.20 -0.09 0.00 | 16.64 -0.13 0.00 | 19.19 -0.22 0.00 | 22.39 -0.33 0.00 | 26.20 -0.38 0.00 | 31.40 -0.46 0.00 | 28.10 -0.53 0.00 | 24.52 -0.45 0.00 | 18.72 -0.32 0.00 | 16.44 -0.26 0.00 |
| HELLGATE_13_KV_LD 55870 | 20.29 1.23 0.00 | 18.80 1.15 0.00 | 17.96 1.11 0.00 | 18.81 1.15 0.00 | 19.54 1.10 0.00 | 19.68 1.09 0.00 | 21.15 1.27 0.00 | 20.46 1.32 0.00 | 17.84 1.19 0.00 | 15.53 1.09 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.17 0.96 0.00 | 15.95 0.92 0.00 | 17.28 0.99 0.00 | 17.83 1.06 0.00 | 20.66 1.25 0.00 | 24.19 1.48 0.00 | 28.34 1.76 0.00 | 33.95 2.08 0.00 | 30.54 1.91 0.00 | 26.57 1.60 0.00 | 20.29 1.25 0.00 | 17.72 1.02 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 20.29 1.23 0.00 | 18.80 1.15 0.00 | 17.96 1.11 0.00 | 18.81 1.15 0.00 | 19.54 1.10 0.00 | 19.68 1.09 0.00 | 21.15 1.27 0.00 | 20.46 1.32 0.00 | 17.84 1.19 0.00 | 15.53 1.09 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.17 0.96 0.00 | 15.95 0.92 0.00 | 17.28 0.99 0.00 | 17.83 1.06 0.00 | 20.66 1.25 0.00 | 24.19 1.48 0.00 | 28.34 1.76 0.00 | 33.95 2.08 0.00 | 30.54 1.91 0.00 | 26.57 1.60 0.00 | 20.29 1.25 0.00 | 17.72 1.02 0.00 |
| HEMPSTEAD____ 23647 | 20.32 1.26 0.00 | 18.87 1.21 0.00 | 18.02 1.17 0.00 | 18.88 1.21 0.00 | 19.64 1.20 0.00 | 19.77 1.17 0.00 | 21.28 1.40 0.00 | 20.55 1.41 0.00 | 17.83 1.18 0.00 | 15.43 0.99 0.00 | 16.06 0.97 0.00 | 17.08 1.08 0.00 | 16.17 0.96 0.00 | 103.08 0.94 -87.10 | 30.04 1.12 -12.63 | 48.30 1.23 -30.29 | 26.85 1.48 -5.96 | 26.01 1.76 -1.53 | 55.00 2.10 -26.32 | 56.68 2.52 -22.30 | 51.01 2.24 -20.15 | 34.17 1.91 -7.29 | 31.66 1.44 -11.18 | 31.05 1.14 -13.22 |
| HEWLETT_69_KV_BK3 55828 | 20.45 1.39 0.00 | 18.97 1.32 0.00 | 18.12 1.27 0.00 | 18.99 1.32 0.00 | 19.74 1.30 0.00 | 19.88 1.28 0.00 | 21.38 1.51 0.00 | 20.64 1.50 0.00 | 17.92 1.27 0.00 | 15.51 1.07 0.00 | 16.15 1.06 0.00 | 17.19 1.19 0.00 | 16.28 1.07 0.00 | 103.18 1.04 -87.10 | 30.05 1.22 -12.55 | 48.42 1.35 -30.29 | 26.98 1.61 -5.96 | 26.14 1.90 -1.53 | 55.16 2.26 -26.32 | 56.80 2.64 -22.30 | 51.16 2.39 -20.15 | 34.35 2.08 -7.29 | 31.81 1.58 -11.18 | 31.19 1.28 -13.22 |
| HICKLING___1 23621 | 18.78 -0.28 0.00 | 17.49 -0.17 0.00 | 16.69 -0.15 0.00 | 17.45 -0.21 0.00 | 18.11 -0.33 0.00 | 18.26 -0.33 0.00 | 19.46 -0.41 0.00 | 18.77 -0.36 0.00 | 16.28 -0.37 0.00 | 14.13 -0.31 0.00 | 14.95 -0.14 0.00 | 15.82 -0.18 0.00 | 15.08 -0.13 0.00 | 14.99 -0.05 0.00 | 16.27 -0.02 0.00 | 16.74 -0.04 0.00 | 19.25 -0.16 0.00 | 22.36 -0.35 0.00 | 26.15 -0.43 0.00 | 31.34 -0.53 0.00 | 27.79 -0.84 0.00 | 24.39 -0.58 0.00 | 18.66 -0.39 0.00 | 16.45 -0.24 0.00 |
| HICKLING___2 23622 | 18.78 -0.28 0.00 | 17.49 -0.17 0.00 | 16.69 -0.15 0.00 | 17.45 -0.21 0.00 | 18.11 -0.33 0.00 | 18.26 -0.33 0.00 | 19.46 -0.41 0.00 | 18.77 -0.36 0.00 | 16.28 -0.37 0.00 | 14.13 -0.31 0.00 | 14.95 -0.14 0.00 | 15.82 -0.18 0.00 | 15.08 -0.13 0.00 | 14.99 -0.05 0.00 | 16.27 -0.02 0.00 | 16.74 -0.04 0.00 | 19.25 -0.16 0.00 | 22.36 -0.35 0.00 | 26.15 -0.43 0.00 | 31.34 -0.53 0.00 | 27.79 -0.84 0.00 | 24.39 -0.58 0.00 | 18.66 -0.39 0.00 | 16.45 -0.24 0.00 |
| HIGH FALLS___HY 23754 | 20.23 1.17 0.00 | 18.74 1.08 0.00 | 17.89 1.04 0.00 | 18.77 1.10 0.00 | 19.52 1.08 0.00 | 19.69 1.10 0.00 | 21.15 1.27 0.00 | 20.44 1.30 0.00 | 17.74 1.09 0.00 | 15.31 0.87 0.00 | 15.89 0.80 0.00 | 16.82 0.82 0.00 | 15.93 0.72 0.00 | 15.73 0.69 0.00 | 17.12 0.83 0.00 | 17.70 0.92 0.00 | 20.61 1.19 0.00 | 24.21 1.50 0.00 | 28.39 1.82 0.00 | 34.10 2.24 0.00 | 30.61 1.99 0.00 | 26.63 1.66 0.00 | 20.27 1.23 0.00 | 17.68 0.98 0.00 |
| HILLBURN___GT 23639 | 20.14 1.09 0.00 | 18.66 1.01 0.00 | 17.83 0.98 0.00 | 18.71 1.04 0.00 | 19.45 1.01 0.00 | 19.60 1.01 0.00 | 21.06 1.18 0.00 | 20.33 1.19 0.00 | 17.69 1.05 0.00 | 15.35 0.91 0.00 | 15.96 0.88 0.00 | 16.89 0.90 0.00 | 16.04 0.83 0.00 | 15.82 0.78 0.00 | 17.15 0.86 0.00 | 17.69 0.91 0.00 | 20.55 1.14 0.00 | 24.09 1.38 0.00 | 28.21 1.63 0.00 | 33.84 1.98 0.00 | 30.34 1.71 0.00 | 26.38 1.41 0.00 | 20.10 1.06 0.00 | 17.54 0.85 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| HILLSIDE_115KV_TB1 80332 | 18.72 -0.33 0.00 | 17.43 -0.22 0.00 | 16.65 -0.20 0.00 | 17.43 -0.24 0.00 | 18.08 -0.35 0.00 | 18.22 -0.37 0.00 | 19.44 -0.44 0.00 | 18.76 -0.38 0.00 | 16.25 -0.40 0.00 | 14.11 -0.32 0.00 | 14.92 -0.17 0.00 | 15.78 -0.22 0.00 | 15.04 -0.18 0.00 | 14.95 -0.09 0.00 | 16.23 -0.06 0.00 | 16.70 -0.08 0.00 | 19.20 -0.22 0.00 | 22.32 -0.39 0.00 | 26.11 -0.47 0.00 | 31.29 -0.58 0.00 | 27.75 -0.87 0.00 | 24.36 -0.61 0.00 | 18.64 -0.41 0.00 | 16.44 -0.26 0.00 |
| HISHELDN_WT_PWR 323625 | 18.10 -0.96 0.00 | 16.91 -0.75 0.00 | 16.12 -0.73 0.00 | 16.81 -0.86 0.00 | 17.45 -0.99 0.00 | 17.56 -1.03 0.00 | 18.59 -1.28 0.00 | 17.87 -1.27 0.00 | 15.59 -1.06 0.00 | 13.56 -0.88 0.00 | 14.39 -0.70 0.00 | 15.32 -0.67 0.00 | 14.60 -0.61 0.00 | 14.53 -0.51 0.00 | 15.74 -0.55 0.00 | 16.16 -0.62 0.00 | 18.55 -0.86 0.00 | 21.36 -1.36 0.00 | 24.93 -1.65 0.00 | 29.81 -2.05 0.00 | 26.31 -2.31 0.00 | 23.12 -1.85 0.00 | 17.76 -1.28 0.00 | 15.71 -0.99 0.00 |
| HOLTSVILLE_IC_1 23690 | 20.47 1.41 0.00 | 19.08 1.43 0.00 | 18.23 1.38 0.00 | 19.10 1.43 0.00 | 19.87 1.43 0.00 | 20.05 1.45 0.00 | 21.63 1.75 0.00 | 20.89 1.75 0.00 | 18.07 1.42 0.00 | 15.56 1.12 0.00 | 16.15 1.06 0.00 | 17.23 1.23 0.00 | 16.28 1.07 0.00 | 103.10 0.96 -87.10 | 30.04 1.09 -12.66 | 48.32 1.25 -30.29 | 26.83 1.46 -5.96 | 26.02 1.77 -1.53 | 55.05 2.15 -26.32 | 56.76 2.59 -22.30 | 51.06 2.28 -20.15 | 34.20 1.93 -7.29 | 31.73 1.51 -11.18 | 31.06 1.15 -13.22 |
| HOLTSVILLE_IC_10 23699 | 20.54 1.47 0.00 | 19.14 1.49 0.00 | 18.29 1.44 0.00 | 19.16 1.49 0.00 | 19.93 1.49 0.00 | 20.12 1.53 0.00 | 21.72 1.84 0.00 | 20.97 1.84 0.00 | 18.14 1.49 0.00 | 15.60 1.17 0.00 | 16.18 1.09 0.00 | 17.27 1.27 0.00 | 16.32 1.11 0.00 | 103.13 0.99 -87.10 | 30.07 1.13 -12.66 | 48.36 1.29 -30.29 | 26.89 1.52 -5.96 | 26.09 1.85 -1.53 | 55.15 2.25 -26.32 | 56.90 2.73 -22.30 | 51.18 2.41 -20.15 | 34.30 2.03 -7.29 | 31.81 1.58 -11.18 | 31.12 1.21 -13.22 |
| HOLTSVILLE_IC_2 23691 | 20.47 1.41 0.00 | 19.08 1.43 0.00 | 18.23 1.38 0.00 | 19.10 1.43 0.00 | 19.87 1.43 0.00 | 20.05 1.45 0.00 | 21.63 1.75 0.00 | 20.89 1.75 0.00 | 18.07 1.42 0.00 | 15.56 1.12 0.00 | 16.15 1.06 0.00 | 17.23 1.23 0.00 | 16.28 1.07 0.00 | 103.10 0.96 -87.10 | 30.04 1.09 -12.66 | 48.32 1.25 -30.29 | 26.83 1.46 -5.96 | 26.02 1.77 -1.53 | 55.05 2.15 -26.32 | 56.76 2.59 -22.30 | 51.06 2.28 -20.15 | 34.20 1.93 -7.29 | 31.73 1.51 -11.18 | 31.06 1.15 -13.22 |
| HOLTSVILLE_IC_3 23692 | 20.47 1.41 0.00 | 19.08 1.43 0.00 | 18.23 1.38 0.00 | 19.10 1.43 0.00 | 19.87 1.43 0.00 | 20.05 1.45 0.00 | 21.63 1.75 0.00 | 20.89 1.75 0.00 | 18.07 1.42 0.00 | 15.56 1.12 0.00 | 16.15 1.06 0.00 | 17.23 1.23 0.00 | 16.28 1.07 0.00 | 103.10 0.96 -87.10 | 30.04 1.09 -12.66 | 48.32 1.25 -30.29 | 26.83 1.46 -5.96 | 26.02 1.77 -1.53 | 55.05 2.15 -26.32 | 56.76 2.59 -22.30 | 51.06 2.28 -20.15 | 34.20 1.93 -7.29 | 31.73 1.51 -11.18 | 31.06 1.15 -13.22 |
| HOLTSVILLE_IC_4 23693 | 20.47 1.41 0.00 | 19.08 1.43 0.00 | 18.23 1.38 0.00 | 19.10 1.43 0.00 | 19.87 1.43 0.00 | 20.05 1.45 0.00 | 21.63 1.75 0.00 | 20.89 1.75 0.00 | 18.07 1.42 0.00 | 15.56 1.12 0.00 | 16.15 1.06 0.00 | 17.23 1.23 0.00 | 16.28 1.07 0.00 | 103.10 0.96 -87.10 | 30.04 1.09 -12.66 | 48.32 1.25 -30.29 | 26.83 1.46 -5.96 | 26.02 1.77 -1.53 | 55.05 2.15 -26.32 | 56.76 2.59 -22.30 | 51.06 2.28 -20.15 | 34.20 1.93 -7.29 | 31.73 1.51 -11.18 | 31.06 1.15 -13.22 |
| HOLTSVILLE_IC_5 23694 | 20.47 1.41 0.00 | 19.08 1.43 0.00 | 18.23 1.38 0.00 | 19.10 1.43 0.00 | 19.87 1.43 0.00 | 20.05 1.45 0.00 | 21.63 1.75 0.00 | 20.89 1.75 0.00 | 18.07 1.42 0.00 | 15.56 1.12 0.00 | 16.15 1.06 0.00 | 17.23 1.23 0.00 | 16.28 1.07 0.00 | 103.10 0.96 -87.10 | 30.04 1.09 -12.66 | 48.32 1.25 -30.29 | 26.83 1.46 -5.96 | 26.02 1.77 -1.53 | 55.05 2.15 -26.32 | 56.76 2.59 -22.30 | 51.06 2.28 -20.15 | 34.20 1.93 -7.29 | 31.73 1.51 -11.18 | 31.06 1.15 -13.22 |
| HOLTSVILLE_IC_6 23695 | 20.54 1.47 0.00 | 19.14 1.49 0.00 | 18.29 1.44 0.00 | 19.16 1.49 0.00 | 19.93 1.49 0.00 | 20.12 1.53 0.00 | 21.72 1.84 0.00 | 20.97 1.84 0.00 | 18.14 1.49 0.00 | 15.60 1.17 0.00 | 16.18 1.09 0.00 | 17.27 1.27 0.00 | 16.32 1.11 0.00 | 103.13 0.99 -87.10 | 30.07 1.13 -12.66 | 48.36 1.29 -30.29 | 26.89 1.52 -5.96 | 26.09 1.85 -1.53 | 55.15 2.25 -26.32 | 56.90 2.73 -22.30 | 51.18 2.41 -20.15 | 34.30 2.03 -7.29 | 31.81 1.58 -11.18 | 31.12 1.21 -13.22 |
| HOLTSVILLE_IC_7 23696 | 20.54 1.47 0.00 | 19.14 1.49 0.00 | 18.29 1.44 0.00 | 19.16 1.49 0.00 | 19.93 1.49 0.00 | 20.12 1.53 0.00 | 21.72 1.84 0.00 | 20.97 1.84 0.00 | 18.14 1.49 0.00 | 15.60 1.17 0.00 | 16.18 1.09 0.00 | 17.27 1.27 0.00 | 16.32 1.11 0.00 | 103.13 0.99 -87.10 | 30.07 1.13 -12.66 | 48.36 1.29 -30.29 | 26.89 1.52 -5.96 | 26.09 1.85 -1.53 | 55.15 2.25 -26.32 | 56.90 2.73 -22.30 | 51.18 2.41 -20.15 | 34.30 2.03 -7.29 | 31.81 1.58 -11.18 | 31.12 1.21 -13.22 |
| HOLTSVILLE_IC_8 23697 | 20.54 1.47 0.00 | 19.14 1.49 0.00 | 18.29 1.44 0.00 | 19.16 1.49 0.00 | 19.93 1.49 0.00 | 20.12 1.53 0.00 | 21.72 1.84 0.00 | 20.97 1.84 0.00 | 18.14 1.49 0.00 | 15.60 1.17 0.00 | 16.18 1.09 0.00 | 17.27 1.27 0.00 | 16.32 1.11 0.00 | 103.13 0.99 -87.10 | 30.07 1.13 -12.66 | 48.36 1.29 -30.29 | 26.89 1.52 -5.96 | 26.09 1.85 -1.53 | 55.15 2.25 -26.32 | 56.90 2.73 -22.30 | 51.18 2.41 -20.15 | 34.30 2.03 -7.29 | 31.81 1.58 -11.18 | 31.12 1.21 -13.22 |
| HOLTSVILLE_IC_9 23698 | 20.54 1.47 0.00 | 19.14 1.49 0.00 | 18.29 1.44 0.00 | 19.16 1.49 0.00 | 19.93 1.49 0.00 | 20.12 1.53 0.00 | 21.72 1.84 0.00 | 20.97 1.84 0.00 | 18.14 1.49 0.00 | 15.60 1.17 0.00 | 16.18 1.09 0.00 | 17.27 1.27 0.00 | 16.32 1.11 0.00 | 103.13 0.99 -87.10 | 30.07 1.13 -12.66 | 48.36 1.29 -30.29 | 26.89 1.52 -5.96 | 26.09 1.85 -1.53 | 55.15 2.25 -26.32 | 56.90 2.73 -22.30 | 51.18 2.41 -20.15 | 34.30 2.03 -7.29 | 31.81 1.58 -11.18 | 31.12 1.21 -13.22 |
| HOMER_HL_115KV_TB2 355744 | 19.08 0.02 0.00 | 17.80 0.15 0.00 | 16.98 0.13 0.00 | 17.75 0.08 0.00 | 18.45 0.01 0.00 | 18.56 -0.03 0.00 | 19.67 -0.20 0.00 | 18.92 -0.22 0.00 | 16.40 -0.25 0.00 | 14.24 -0.20 0.00 | 15.14 0.05 0.00 | 16.15 0.15 0.00 | 15.39 0.18 0.00 | 15.39 0.35 0.00 | 16.75 0.46 0.00 | 17.19 0.41 0.00 | 19.75 0.33 0.00 | 22.55 -0.16 0.00 | 26.31 -0.27 0.00 | 31.57 -0.30 0.00 | 27.82 -0.81 0.00 | 24.49 -0.48 0.00 | 18.85 -0.19 0.00 | 16.70 0.01 0.00 |
| HOWARD_WT_PWR 323690 | 17.94 -1.12 0.00 | 16.77 -0.89 0.00 | 15.97 -0.88 0.00 | 16.66 -1.01 0.00 | 17.24 -1.20 0.00 | 17.38 -1.22 0.00 | 18.49 -1.38 0.00 | 17.84 -1.30 0.00 | 15.51 -1.14 0.00 | 13.43 -1.01 0.00 | 14.28 -0.81 0.00 | 15.11 -0.89 0.00 | 14.31 -0.90 0.00 | 14.21 -0.82 0.00 | 15.51 -0.77 0.00 | 16.00 -0.78 0.00 | 18.31 -1.10 0.00 | 21.18 -1.53 0.00 | 24.84 -1.74 0.00 | 29.79 -2.08 0.00 | 26.32 -2.31 0.00 | 23.16 -1.81 0.00 | 17.68 -1.37 0.00 | 15.57 -1.13 0.00 |
| HQ_GEN_CEDARS 23644 | 18.85 -0.21 0.00 | 17.43 -0.22 0.00 | 16.62 -0.23 0.00 | 17.44 -0.23 0.00 | 18.28 -0.16 0.00 | 18.41 -0.18 0.00 | 19.65 -0.22 0.00 | 18.90 -0.24 0.00 | 16.47 -0.18 0.00 | 14.30 -0.14 0.00 | 14.97 -0.12 0.00 | 15.89 -0.11 0.00 | 15.10 -0.11 0.00 | 14.95 -0.09 0.00 | 16.20 -0.09 0.00 | 16.70 -0.08 0.00 | 19.32 -0.09 0.00 | 22.66 -0.06 0.00 | 26.46 -0.12 0.00 | 31.74 -0.12 0.00 | 28.68 0.05 0.00 | 25.05 0.08 0.00 | 19.08 0.04 0.00 | 16.71 0.01 0.00 |

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| HQ_GEN_CEDARS_PROXY 323590 | 18.85 -0.21 0.00 | 17.43 -0.22 0.00 | 16.62 -0.23 0.00 | 17.44 -0.23 0.00 | 18.27 -0.16 0.00 | 18.41 -0.18 0.00 | 19.65 -0.22 0.00 | 18.90 -0.24 0.00 | 16.47 -0.18 0.00 | 14.30 -0.14 0.00 | 14.97 -0.12 0.00 | 15.89 -0.11 0.00 | 15.11 -0.11 0.00 | 14.95 -0.09 0.00 | 16.21 -0.09 0.00 | 16.70 -0.08 0.00 | 19.32 -0.09 0.00 | 22.66 -0.06 0.00 | 26.46 -0.12 0.00 | 31.74 -0.12 0.00 | 28.68 0.05 0.00 | 25.05 0.08 0.00 | 19.08 0.04 0.00 | 16.71 0.01 0.00 |
| HQ_GEN_IMPORT 323601 | 18.99 -0.07 0.00 | 17.57 -0.09 0.00 | 16.75 -0.09 0.00 | 17.58 -0.09 0.00 | 18.39 -0.05 0.00 | 18.54 -0.06 0.00 | 19.79 -0.08 0.00 | 19.06 -0.08 0.00 | 16.60 -0.06 0.00 | 14.41 -0.03 0.00 | 15.08 -0.01 0.00 | 16.00 0.00 0.00 | 15.21 0.00 0.00 | 15.04 0.01 0.00 | 16.29 0.01 0.00 | 16.78 0.00 0.00 | 19.42 0.00 0.00 | 22.73 0.02 0.00 | 26.57 -0.01 0.00 | 31.86 -0.01 0.00 | 28.72 0.09 0.00 | 25.06 0.09 0.00 | 19.10 0.06 0.00 | 16.00 0.04 0.74 |
| HQ_GEN_WHEEL 23651 | 18.99 -0.07 0.00 | 17.57 -0.09 0.00 | 16.75 -0.09 0.00 | 17.58 -0.09 0.00 | 18.39 -0.05 0.00 | 18.54 -0.06 0.00 | 19.79 -0.08 0.00 | 19.06 -0.08 0.00 | 16.60 -0.06 0.00 | 14.41 -0.03 0.00 | 15.08 -0.01 0.00 | 16.00 0.00 0.00 | 15.21 0.00 0.00 | 15.04 0.01 0.00 | 16.29 0.01 0.00 | 16.78 0.00 0.00 | 19.42 0.00 0.00 | 22.73 0.02 0.00 | 26.57 -0.01 0.00 | 31.86 -0.01 0.00 | 28.72 0.09 0.00 | 25.06 0.09 0.00 | 19.10 0.06 0.00 | 16.00 0.04 0.74 |
| HUDSON_AVE_GT_3 23810 | 20.29 1.23 0.00 | 18.82 1.16 0.00 | 17.97 1.12 0.00 | 18.84 1.17 0.00 | 19.56 1.13 0.00 | 19.71 1.12 0.00 | 21.18 1.30 0.00 | 20.48 1.34 0.00 | 17.85 1.21 0.00 | 15.54 1.10 0.00 | 16.13 1.04 0.00 | 17.05 1.05 0.00 | 16.19 0.98 0.00 | 15.98 0.94 0.00 | 17.32 1.03 0.00 | 17.87 1.09 0.00 | 20.70 1.28 0.00 | 24.24 1.53 0.00 | 28.38 1.80 0.00 | 34.01 2.15 0.00 | 30.56 1.93 0.00 | 26.60 1.63 0.00 | 20.31 1.26 0.00 | 17.73 1.04 0.00 |
| HUDSON_AVE_GT_4 23540 | 20.29 1.23 0.00 | 18.82 1.16 0.00 | 17.97 1.12 0.00 | 18.84 1.17 0.00 | 19.56 1.13 0.00 | 19.71 1.12 0.00 | 21.18 1.30 0.00 | 20.48 1.34 0.00 | 17.85 1.21 0.00 | 15.54 1.10 0.00 | 16.13 1.04 0.00 | 17.05 1.05 0.00 | 16.19 0.98 0.00 | 15.98 0.94 0.00 | 17.32 1.03 0.00 | 17.87 1.09 0.00 | 20.70 1.28 0.00 | 24.24 1.53 0.00 | 28.38 1.80 0.00 | 34.01 2.15 0.00 | 30.56 1.93 0.00 | 26.60 1.63 0.00 | 20.31 1.26 0.00 | 17.73 1.04 0.00 |
| HUDSON_AVE_GT_5 23657 | 20.29 1.23 0.00 | 18.82 1.16 0.00 | 17.97 1.12 0.00 | 18.84 1.17 0.00 | 19.56 1.13 0.00 | 19.71 1.12 0.00 | 21.18 1.30 0.00 | 20.48 1.34 0.00 | 17.85 1.21 0.00 | 15.54 1.10 0.00 | 16.13 1.04 0.00 | 17.05 1.05 0.00 | 16.19 0.98 0.00 | 15.98 0.94 0.00 | 17.32 1.03 0.00 | 17.87 1.09 0.00 | 20.70 1.28 0.00 | 24.24 1.53 0.00 | 28.38 1.80 0.00 | 34.01 2.15 0.00 | 30.56 1.93 0.00 | 26.60 1.63 0.00 | 20.31 1.26 0.00 | 17.73 1.04 0.00 |
| HUDSON_AVE_10 24168 | 20.27 1.21 0.00 | 18.79 1.14 0.00 | 17.95 1.11 0.00 | 18.82 1.15 0.00 | 19.55 1.11 0.00 | 19.69 1.10 0.00 | 21.14 1.26 0.00 | 20.45 1.31 0.00 | 17.84 1.19 0.00 | 15.51 1.08 0.00 | 16.11 1.02 0.00 | 17.01 1.01 0.00 | 16.16 0.95 0.00 | 15.93 0.89 0.00 | 17.27 0.98 0.00 | 17.81 1.03 0.00 | 20.63 1.22 0.00 | 24.18 1.46 0.00 | 28.29 1.72 0.00 | 33.91 2.05 0.00 | 30.47 1.85 0.00 | 26.52 1.55 0.00 | 20.27 1.22 0.00 | 17.69 0.99 0.00 |
| HUDSON___115KV_TB 4 355613 | 19.54 0.48 0.00 | 18.10 0.44 0.00 | 17.29 0.44 0.00 | 18.14 0.47 0.00 | 18.89 0.45 0.00 | 19.08 0.48 0.00 | 20.42 0.55 0.00 | 19.61 0.47 0.00 | 16.96 0.32 0.00 | 14.68 0.24 0.00 | 15.24 0.15 0.00 | 16.08 0.08 0.00 | 15.36 0.14 0.00 | 15.17 0.13 0.00 | 16.35 0.06 0.00 | 16.85 0.07 0.00 | 19.66 0.24 0.00 | 23.10 0.39 0.00 | 27.25 0.67 0.00 | 32.73 0.87 0.00 | 29.42 0.80 0.00 | 25.61 0.63 0.00 | 19.50 0.45 0.00 | 17.10 0.41 0.00 |
| HUNTER MOUNT___DRP 323613 | 19.59 0.53 0.00 | 18.14 0.48 0.00 | 17.33 0.48 0.00 | 18.18 0.51 0.00 | 18.95 0.51 0.00 | 19.14 0.54 0.00 | 20.48 0.60 0.00 | 19.64 0.51 0.00 | 16.96 0.31 0.00 | 14.65 0.21 0.00 | 15.19 0.10 0.00 | 16.02 0.03 0.00 | 15.32 0.11 0.00 | 15.14 0.11 0.00 | 16.31 0.02 0.00 | 16.80 0.02 0.00 | 19.63 0.22 0.00 | 23.12 0.40 0.00 | 27.34 0.76 0.00 | 32.85 0.98 0.00 | 29.51 0.89 0.00 | 25.69 0.73 0.00 | 19.55 0.51 0.00 | 17.15 0.46 0.00 |
| HUNTINGTON_RES_REC 323705 | 20.42 1.36 0.00 | 19.00 1.35 0.00 | 18.16 1.31 0.00 | 19.02 1.35 0.00 | 19.78 1.34 0.00 | 19.93 1.34 0.00 | 21.48 1.61 0.00 | 20.75 1.61 0.00 | 17.96 1.31 0.00 | 15.48 1.04 0.00 | 16.09 1.01 0.00 | 17.16 1.16 0.00 | 16.22 1.01 0.00 | 103.07 0.93 -87.10 | 30.02 1.07 -12.66 | 48.26 1.18 -30.29 | 26.80 1.43 -5.96 | 25.99 1.74 -1.53 | 54.98 2.08 -26.32 | 56.68 2.52 -22.30 | 50.99 2.22 -20.15 | 34.14 1.88 -7.29 | 31.68 1.45 -11.18 | 31.03 1.11 -13.22 |
| HUNTLEY___63 23557 | 18.23 -0.83 0.00 | 17.01 -0.65 0.00 | 16.20 -0.65 0.00 | 16.92 -0.75 0.00 | 17.62 -0.82 0.00 | 17.71 -0.88 0.00 | 18.63 -1.25 0.00 | 17.88 -1.26 0.00 | 15.66 -0.98 0.00 | 13.66 -0.78 0.00 | 14.57 -0.52 0.00 | 15.56 -0.43 0.00 | 14.82 -0.40 0.00 | 14.73 -0.30 0.00 | 15.97 -0.32 0.00 | 16.33 -0.44 0.00 | 18.74 -0.68 0.00 | 21.49 -1.22 0.00 | 25.03 -1.55 0.00 | 29.95 -1.92 0.00 | 26.47 -2.15 0.00 | 23.30 -1.67 0.00 | 17.92 -1.12 0.00 | 15.86 -0.83 0.00 |
| HUNTLEY___64 23558 | 18.23 -0.83 0.00 | 17.01 -0.65 0.00 | 16.20 -0.65 0.00 | 16.92 -0.75 0.00 | 17.62 -0.82 0.00 | 17.71 -0.88 0.00 | 18.63 -1.25 0.00 | 17.88 -1.26 0.00 | 15.66 -0.98 0.00 | 13.66 -0.78 0.00 | 14.57 -0.52 0.00 | 15.56 -0.43 0.00 | 14.82 -0.40 0.00 | 14.73 -0.30 0.00 | 15.97 -0.32 0.00 | 16.33 -0.44 0.00 | 18.74 -0.68 0.00 | 21.49 -1.22 0.00 | 25.03 -1.55 0.00 | 29.95 -1.92 0.00 | 26.47 -2.15 0.00 | 23.30 -1.67 0.00 | 17.92 -1.12 0.00 | 15.86 -0.83 0.00 |
| HUNTLEY___65 23559 | 18.23 -0.83 0.00 | 17.01 -0.65 0.00 | 16.20 -0.65 0.00 | 16.92 -0.75 0.00 | 17.62 -0.82 0.00 | 17.71 -0.88 0.00 | 18.63 -1.25 0.00 | 17.88 -1.26 0.00 | 15.66 -0.98 0.00 | 13.66 -0.78 0.00 | 14.57 -0.52 0.00 | 15.56 -0.43 0.00 | 14.82 -0.40 0.00 | 14.73 -0.30 0.00 | 15.97 -0.32 0.00 | 16.33 -0.44 0.00 | 18.74 -0.68 0.00 | 21.49 -1.22 0.00 | 25.03 -1.55 0.00 | 29.95 -1.92 0.00 | 26.47 -2.15 0.00 | 23.30 -1.67 0.00 | 17.92 -1.12 0.00 | 15.86 -0.83 0.00 |
| HUNTLEY___66 23560 | 18.23 -0.83 0.00 | 17.01 -0.65 0.00 | 16.20 -0.65 0.00 | 16.92 -0.75 0.00 | 17.62 -0.82 0.00 | 17.71 -0.88 0.00 | 18.63 -1.25 0.00 | 17.88 -1.26 0.00 | 15.66 -0.98 0.00 | 13.66 -0.78 0.00 | 14.57 -0.52 0.00 | 15.56 -0.43 0.00 | 14.82 -0.40 0.00 | 14.73 -0.30 0.00 | 15.97 -0.32 0.00 | 16.33 -0.44 0.00 | 18.74 -0.68 0.00 | 21.49 -1.22 0.00 | 25.03 -1.55 0.00 | 29.95 -1.92 0.00 | 26.47 -2.15 0.00 | 23.30 -1.67 0.00 | 17.92 -1.12 0.00 | 15.86 -0.83 0.00 |
| HUNTLEY___67 23561 | 18.15 -0.91 0.00 | 16.93 -0.72 0.00 | 16.13 -0.72 0.00 | 16.84 -0.83 0.00 | 17.54 -0.89 0.00 | 17.64 -0.96 0.00 | 18.56 -1.31 0.00 | 17.82 -1.32 0.00 | 15.59 -1.06 0.00 | 13.59 -0.85 0.00 | 14.46 -0.62 0.00 | 15.45 -0.55 0.00 | 14.70 -0.51 0.00 | 14.63 -0.41 0.00 | 15.86 -0.43 0.00 | 16.23 -0.55 0.00 | 18.64 -0.77 0.00 | 21.42 -1.29 0.00 | 24.94 -1.64 0.00 | 29.85 -2.02 0.00 | 26.36 -2.26 0.00 | 23.20 -1.77 0.00 | 17.85 -1.20 0.00 | 15.80 -0.90 0.00 |

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| HUNTLEY___68 23562 | 18.15 -0.91 0.00 | 16.93 -0.72 0.00 | 16.13 -0.72 0.00 | 16.84 -0.83 0.00 | 17.54 -0.89 0.00 | 17.64 -0.96 0.00 | 18.56 -1.31 0.00 | 17.82 -1.32 0.00 | 15.59 -1.06 0.00 | 13.59 -0.85 0.00 | 14.46 -0.62 0.00 | 15.45 -0.55 0.00 | 14.70 -0.51 0.00 | 14.63 -0.41 0.00 | 15.86 -0.43 0.00 | 16.23 -0.55 0.00 | 18.64 -0.77 0.00 | 21.42 -1.29 0.00 | 24.94 -1.64 0.00 | 29.85 -2.02 0.00 | 26.36 -2.26 0.00 | 23.20 -1.77 0.00 | 17.85 -1.20 0.00 | 15.80 -0.90 0.00 |
| HYLAND___LFGE 323620 | 18.97 -0.09 0.00 | 17.64 -0.02 0.00 | 16.80 -0.05 0.00 | 17.54 -0.13 0.00 | 18.27 -0.17 0.00 | 18.40 -0.19 0.00 | 19.53 -0.34 0.00 | 18.81 -0.32 0.00 | 16.25 -0.40 0.00 | 13.96 -0.48 0.00 | 15.05 -0.04 0.00 | 15.97 -0.03 0.00 | 14.92 -0.29 0.00 | 14.72 -0.32 0.00 | 16.21 -0.08 0.00 | 16.49 -0.29 0.00 | 18.97 -0.45 0.00 | 22.01 -0.71 0.00 | 25.83 -0.76 0.00 | 31.47 -0.40 0.00 | 28.06 -0.56 0.00 | 24.61 -0.36 0.00 | 18.79 -0.25 0.00 | 16.53 -0.17 0.00 |
| INDECK___CORINTH 23802 | 19.54 0.48 0.00 | 18.08 0.42 0.00 | 17.31 0.46 0.00 | 18.21 0.54 0.00 | 18.93 0.50 0.00 | 19.09 0.50 0.00 | 20.50 0.63 0.00 | 19.68 0.54 0.00 | 17.03 0.38 0.00 | 14.65 0.21 0.00 | 15.16 0.07 0.00 | 16.04 0.04 0.00 | 15.29 0.08 0.00 | 15.04 0.01 0.00 | 16.30 0.00 0.00 | 16.85 0.07 0.00 | 19.67 0.26 0.00 | 23.25 0.53 0.00 | 27.44 0.86 0.00 | 32.87 1.01 0.00 | 29.54 0.91 0.00 | 25.70 0.73 0.00 | 19.50 0.46 0.00 | 17.06 0.37 0.00 |
| INDECK___ILION 23567 | 19.11 0.05 0.00 | 17.68 0.03 0.00 | 16.88 0.04 0.00 | 17.73 0.06 0.00 | 18.51 0.07 0.00 | 18.70 0.10 0.00 | 19.99 0.12 0.00 | 19.23 0.09 0.00 | 16.66 0.01 0.00 | 14.38 -0.06 0.00 | 14.95 -0.14 0.00 | 15.83 -0.17 0.00 | 15.06 -0.15 0.00 | 14.87 -0.17 0.00 | 16.09 -0.20 0.00 | 16.66 -0.12 0.00 | 19.37 -0.05 0.00 | 22.75 0.03 0.00 | 26.70 0.12 0.00 | 32.06 0.19 0.00 | 28.77 0.15 0.00 | 25.07 0.10 0.00 | 19.11 0.06 0.00 | 16.72 0.03 0.00 |
| INDECK___OLEAN 23982 | 19.08 0.02 0.00 | 17.80 0.15 0.00 | 16.98 0.14 0.00 | 17.74 0.08 0.00 | 18.45 0.01 0.00 | 18.57 -0.03 0.00 | 19.67 -0.20 0.00 | 18.93 -0.21 0.00 | 16.40 -0.25 0.00 | 14.24 -0.20 0.00 | 15.14 0.05 0.00 | 16.15 0.15 0.00 | 15.39 0.18 0.00 | 15.40 0.36 0.00 | 16.76 0.47 0.00 | 17.22 0.44 0.00 | 19.74 0.33 0.00 | 22.55 -0.16 0.00 | 26.31 -0.27 0.00 | 31.57 -0.30 0.00 | 27.82 -0.80 0.00 | 24.49 -0.48 0.00 | 18.85 -0.19 0.00 | 16.70 0.01 0.00 |
| INDECK___OSWEGO 23783 | 18.55 -0.51 0.00 | 17.18 -0.48 0.00 | 16.39 -0.45 0.00 | 17.18 -0.49 0.00 | 17.92 -0.52 0.00 | 18.08 -0.51 0.00 | 19.33 -0.55 0.00 | 18.60 -0.54 0.00 | 16.18 -0.47 0.00 | 14.02 -0.42 0.00 | 14.65 -0.44 0.00 | 15.53 -0.47 0.00 | 14.79 -0.42 0.00 | 14.64 -0.39 0.00 | 15.88 -0.41 0.00 | 16.34 -0.44 0.00 | 18.85 -0.56 0.00 | 22.01 -0.70 0.00 | 25.75 -0.83 0.00 | 30.87 -1.00 0.00 | 27.66 -0.97 0.00 | 24.14 -0.83 0.00 | 18.43 -0.62 0.00 | 16.17 -0.52 0.00 |
| INDECK___YERKES 23781 | 18.25 -0.81 0.00 | 17.02 -0.63 0.00 | 16.21 -0.63 0.00 | 16.94 -0.73 0.00 | 17.64 -0.80 0.00 | 17.73 -0.86 0.00 | 18.65 -1.22 0.00 | 17.90 -1.23 0.00 | 15.68 -0.97 0.00 | 13.67 -0.77 0.00 | 14.58 -0.50 0.00 | 15.58 -0.42 0.00 | 14.83 -0.38 0.00 | 14.75 -0.29 0.00 | 15.99 -0.30 0.00 | 16.38 -0.39 0.00 | 18.75 -0.66 0.00 | 21.51 -1.20 0.00 | 25.06 -1.52 0.00 | 29.97 -1.90 0.00 | 26.51 -2.12 0.00 | 23.32 -1.65 0.00 | 17.93 -1.11 0.00 | 15.88 -0.81 0.00 |
| INDIAN POINT_GT_1 24139 | 20.14 1.08 0.00 | 18.67 1.01 0.00 | 17.83 0.99 0.00 | 18.70 1.03 0.00 | 19.44 1.00 0.00 | 19.58 0.99 0.00 | 21.04 1.17 0.00 | 20.32 1.19 0.00 | 17.69 1.04 0.00 | 15.35 0.91 0.00 | 15.96 0.87 0.00 | 16.88 0.88 0.00 | 16.03 0.82 0.00 | 15.81 0.78 0.00 | 17.15 0.86 0.00 | 17.70 0.92 0.00 | 20.52 1.11 0.00 | 24.06 1.35 0.00 | 28.19 1.61 0.00 | 33.80 1.93 0.00 | 30.35 1.72 0.00 | 26.42 1.45 0.00 | 20.14 1.10 0.00 | 17.58 0.88 0.00 |
| INDIAN POINT_GT_2 23659 | 20.14 1.08 0.00 | 18.67 1.01 0.00 | 17.83 0.99 0.00 | 18.70 1.03 0.00 | 19.44 1.00 0.00 | 19.58 0.99 0.00 | 21.04 1.17 0.00 | 20.32 1.19 0.00 | 17.69 1.04 0.00 | 15.35 0.91 0.00 | 15.96 0.87 0.00 | 16.88 0.88 0.00 | 16.03 0.82 0.00 | 15.81 0.78 0.00 | 17.15 0.86 0.00 | 17.70 0.92 0.00 | 20.52 1.11 0.00 | 24.06 1.35 0.00 | 28.19 1.61 0.00 | 33.80 1.93 0.00 | 30.35 1.72 0.00 | 26.42 1.45 0.00 | 20.14 1.10 0.00 | 17.58 0.88 0.00 |
| INDIAN POINT_GT_3 24019 | 20.14 1.08 0.00 | 18.67 1.01 0.00 | 17.83 0.99 0.00 | 18.70 1.03 0.00 | 19.44 1.00 0.00 | 19.58 0.99 0.00 | 21.04 1.17 0.00 | 20.32 1.19 0.00 | 17.69 1.04 0.00 | 15.35 0.91 0.00 | 15.96 0.87 0.00 | 16.88 0.88 0.00 | 16.03 0.82 0.00 | 15.81 0.78 0.00 | 17.15 0.86 0.00 | 17.70 0.92 0.00 | 20.52 1.11 0.00 | 24.06 1.35 0.00 | 28.19 1.61 0.00 | 33.80 1.93 0.00 | 30.35 1.72 0.00 | 26.42 1.45 0.00 | 20.14 1.10 0.00 | 17.58 0.88 0.00 |
| INDIAN POINT___2 23530 | 20.15 1.10 0.00 | 18.69 1.03 0.00 | 17.85 1.00 0.00 | 18.71 1.05 0.00 | 19.45 1.01 0.00 | 19.60 1.01 0.00 | 21.06 1.18 0.00 | 20.34 1.21 0.00 | 17.71 1.06 0.00 | 15.37 0.93 0.00 | 15.97 0.89 0.00 | 16.90 0.90 0.00 | 16.05 0.84 0.00 | 15.83 0.79 0.00 | 17.16 0.87 0.00 | 17.71 0.93 0.00 | 20.54 1.13 0.00 | 24.09 1.37 0.00 | 28.21 1.63 0.00 | 33.82 1.96 0.00 | 30.37 1.75 0.00 | 26.44 1.46 0.00 | 20.16 1.12 0.00 | 17.60 0.91 0.00 |
| INDIAN POINT___3 23531 | 20.10 1.04 0.00 | 18.63 0.97 0.00 | 17.80 0.95 0.00 | 18.67 1.00 0.00 | 19.40 0.97 0.00 | 19.55 0.95 0.00 | 21.00 1.13 0.00 | 20.28 1.15 0.00 | 17.65 1.00 0.00 | 15.31 0.87 0.00 | 15.92 0.83 0.00 | 16.85 0.85 0.00 | 15.99 0.78 0.00 | 15.77 0.74 0.00 | 17.10 0.81 0.00 | 17.65 0.87 0.00 | 20.48 1.06 0.00 | 24.00 1.29 0.00 | 28.12 1.54 0.00 | 33.73 1.86 0.00 | 30.27 1.64 0.00 | 26.33 1.36 0.00 | 20.08 1.03 0.00 | 17.53 0.83 0.00 |
| INGHAM_C_115KV_TB7 356103 | 19.05 -0.01 0.00 | 17.60 -0.06 0.00 | 16.81 -0.04 0.00 | 17.67 0.00 0.00 | 18.48 0.05 0.00 | 18.71 0.12 0.00 | 20.00 0.13 0.00 | 19.22 0.08 0.00 | 16.55 -0.10 0.00 | 14.19 -0.25 0.00 | 14.66 -0.43 0.00 | 15.50 -0.49 0.00 | 14.77 -0.44 0.00 | 14.55 -0.49 0.00 | 15.73 -0.55 0.00 | 16.39 -0.39 0.00 | 19.19 -0.23 0.00 | 22.64 -0.07 0.00 | 26.69 0.11 0.00 | 32.10 0.24 0.00 | 28.82 0.19 0.00 | 25.08 0.11 0.00 | 19.11 0.06 0.00 | 16.69 -0.01 0.00 |
| IP CORINTH___1 23988 | 19.54 0.48 0.00 | 18.08 0.42 0.00 | 17.31 0.46 0.00 | 18.21 0.54 0.00 | 18.93 0.50 0.00 | 19.09 0.50 0.00 | 20.50 0.63 0.00 | 19.68 0.54 0.00 | 17.03 0.38 0.00 | 14.65 0.21 0.00 | 15.16 0.07 0.00 | 16.04 0.04 0.00 | 15.29 0.08 0.00 | 15.04 0.01 0.00 | 16.30 0.00 0.00 | 16.85 0.07 0.00 | 19.67 0.26 0.00 | 23.25 0.53 0.00 | 27.44 0.86 0.00 | 32.87 1.01 0.00 | 29.54 0.91 0.00 | 25.70 0.73 0.00 | 19.50 0.46 0.00 | 17.06 0.37 0.00 |
| IP___TICONDEROGA 23804 | 20.07 1.02 0.00 | 18.53 0.87 0.00 | 17.85 1.00 0.00 | 18.80 1.13 0.00 | 19.54 1.11 0.00 | 19.65 1.06 0.00 | 21.09 1.21 0.00 | 20.27 1.13 0.00 | 17.43 0.78 0.00 | 14.77 0.34 0.00 | 15.24 0.15 0.00 | 16.12 0.12 0.00 | 15.32 0.11 0.00 | 15.11 0.08 0.00 | 16.40 0.11 0.00 | 16.95 0.17 0.00 | 19.90 0.49 0.00 | 23.75 1.04 0.00 | 28.51 1.93 0.00 | 34.04 2.18 0.00 | 30.68 2.06 0.00 | 26.66 1.69 0.00 | 20.07 1.02 0.00 | 17.54 0.84 0.00 |

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| ISLIP_RES_REC 323679 | 20.59 1.53 0.00 | 19.19 1.54 0.00 | 18.34 1.49 0.00 | 19.21 1.54 0.00 | 19.99 1.55 0.00 | 20.18 1.59 0.00 | 21.78 1.91 0.00 | 21.03 1.89 0.00 | 18.18 1.54 0.00 | 15.63 1.20 0.00 | 16.21 1.12 0.00 | 17.30 1.30 0.00 | 16.34 1.13 0.00 | 103.15 1.01 -87.10 | 30.09 1.15 -12.66 | 48.39 1.32 -30.29 | 26.95 1.58 -5.96 | 26.16 1.91 -1.53 | 55.24 2.34 -26.32 | 57.01 2.85 -22.30 | 51.28 2.50 -20.15 | 34.39 2.12 -7.29 | 31.87 1.64 -11.18 | 31.17 1.26 -13.22 |
| JAMAICA__27_KV_LOAD 355505 | 20.43 1.37 0.00 | 18.96 1.30 0.00 | 18.11 1.27 0.00 | 18.98 1.31 0.00 | 19.70 1.26 0.00 | 19.87 1.28 0.00 | 21.26 1.39 0.00 | 20.58 1.45 0.00 | 17.97 1.32 0.00 | 15.63 1.20 0.00 | 16.23 1.14 0.00 | 17.08 1.09 0.00 | 16.26 1.05 0.00 | 15.99 0.95 0.00 | 17.37 1.08 0.00 | 17.89 1.11 0.00 | 20.72 1.31 0.00 | 24.29 1.58 0.00 | 28.44 1.86 0.00 | 34.09 2.22 0.00 | 30.63 2.01 0.00 | 26.65 1.68 0.00 | 20.41 1.36 0.00 | 17.78 1.09 0.00 |
| JANIS__SOLAR 323808 | 19.61 0.55 0.00 | 18.18 0.52 0.00 | 17.34 0.49 0.00 | 18.15 0.48 0.00 | 18.88 0.44 0.00 | 19.09 0.50 0.00 | 20.32 0.45 0.00 | 19.50 0.36 0.00 | 16.82 0.18 0.00 | 14.48 0.04 0.00 | 15.07 -0.01 0.00 | 16.03 0.03 0.00 | 15.34 0.13 0.00 | 15.27 0.23 0.00 | 16.62 0.33 0.00 | 17.08 0.31 0.00 | 19.67 0.25 0.00 | 23.15 0.43 0.00 | 27.22 0.65 0.00 | 32.59 0.72 0.00 | 29.17 0.55 0.00 | 25.41 0.44 0.00 | 19.39 0.34 0.00 | 17.01 0.32 0.00 |
| JARVIS____ 23743 | 19.09 0.03 0.00 | 17.68 0.03 0.00 | 16.88 0.03 0.00 | 17.70 0.04 0.00 | 18.47 0.04 0.00 | 18.63 0.04 0.00 | 19.92 0.05 0.00 | 19.18 0.04 0.00 | 16.67 0.03 0.00 | 14.45 0.01 0.00 | 15.07 -0.01 0.00 | 15.98 -0.02 0.00 | 15.20 -0.02 0.00 | 15.02 -0.02 0.00 | 16.27 -0.02 0.00 | 16.77 -0.01 0.00 | 19.42 0.00 0.00 | 22.72 0.01 0.00 | 26.61 0.03 0.00 | 31.90 0.03 0.00 | 28.63 0.01 0.00 | 24.97 0.01 0.00 | 19.05 0.00 0.00 | 16.69 0.00 0.00 |
| JENNISON__1 23625 | 19.49 0.43 0.00 | 18.08 0.43 0.00 | 17.28 0.43 0.00 | 18.09 0.42 0.00 | 18.75 0.31 0.00 | 18.94 0.35 0.00 | 20.14 0.27 0.00 | 19.41 0.27 0.00 | 16.90 0.25 0.00 | 14.52 0.08 0.00 | 15.05 -0.03 0.00 | 15.89 -0.10 0.00 | 15.21 0.00 0.00 | 15.05 0.01 0.00 | 16.44 0.15 0.00 | 17.01 0.24 0.00 | 19.67 0.25 0.00 | 23.06 0.35 0.00 | 27.13 0.56 0.00 | 32.32 0.46 0.00 | 28.98 0.35 0.00 | 25.20 0.23 0.00 | 19.26 0.22 0.00 | 16.92 0.22 0.00 |
| JENNISON__2 23626 | 19.49 0.43 0.00 | 18.08 0.43 0.00 | 17.28 0.43 0.00 | 18.09 0.42 0.00 | 18.75 0.31 0.00 | 18.94 0.35 0.00 | 20.14 0.27 0.00 | 19.41 0.27 0.00 | 16.90 0.25 0.00 | 14.52 0.08 0.00 | 15.05 -0.03 0.00 | 15.89 -0.10 0.00 | 15.21 0.00 0.00 | 15.05 0.01 0.00 | 16.44 0.15 0.00 | 17.01 0.24 0.00 | 19.67 0.25 0.00 | 23.06 0.35 0.00 | 27.13 0.56 0.00 | 32.32 0.46 0.00 | 28.98 0.35 0.00 | 25.20 0.23 0.00 | 19.26 0.22 0.00 | 16.92 0.22 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 18.69 -0.37 0.00 | 17.30 -0.36 0.00 | 16.56 -0.29 0.00 | 17.49 -0.18 0.00 | 18.34 -0.10 0.00 | 18.40 -0.19 0.00 | 19.60 -0.28 0.00 | 19.01 -0.13 0.00 | 16.71 0.06 0.00 | 14.58 0.15 0.00 | 15.29 0.21 0.00 | 16.17 0.17 0.00 | 15.23 0.02 0.00 | 15.01 -0.03 0.00 | 16.23 -0.05 0.00 | 16.71 -0.06 0.00 | 19.42 0.01 0.00 | 22.97 0.26 0.00 | 26.90 0.32 0.00 | 32.44 0.57 0.00 | 29.34 0.71 0.00 | 25.58 0.61 0.00 | 19.43 0.38 0.00 | 16.85 0.16 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 20.19 1.13 0.00 | 18.72 1.07 0.00 | 17.89 1.04 0.00 | 18.76 1.09 0.00 | 19.50 1.06 0.00 | 19.65 1.06 0.00 | 21.11 1.23 0.00 | 20.39 1.25 0.00 | 17.75 1.10 0.00 | 15.40 0.96 0.00 | 16.01 0.92 0.00 | 16.93 0.94 0.00 | 16.08 0.87 0.00 | 15.86 0.83 0.00 | 17.19 0.90 0.00 | 17.74 0.95 0.00 | 20.58 1.16 0.00 | 24.13 1.42 0.00 | 28.28 1.70 0.00 | 33.92 2.06 0.00 | 30.46 1.83 0.00 | 26.50 1.54 0.00 | 20.20 1.16 0.00 | 17.64 0.95 0.00 |
| KCE_NY_1 323755 | 19.71 0.65 0.00 | 18.25 0.60 0.00 | 17.45 0.60 0.00 | 18.32 0.65 0.00 | 19.08 0.64 0.00 | 19.25 0.66 0.00 | 20.64 0.77 0.00 | 19.81 0.67 0.00 | 17.16 0.51 0.00 | 14.80 0.37 0.00 | 15.36 0.28 0.00 | 16.25 0.26 0.00 | 15.49 0.28 0.00 | 15.26 0.22 0.00 | 16.53 0.24 0.00 | 17.09 0.31 0.00 | 19.91 0.49 0.00 | 23.45 0.73 0.00 | 27.54 0.96 0.00 | 33.07 1.20 0.00 | 29.67 1.05 0.00 | 25.84 0.87 0.00 | 19.66 0.62 0.00 | 17.21 0.51 0.00 |
| KCE_NY_6_ESR 323823 | 18.40 -0.66 0.00 | 17.18 -0.48 0.00 | 16.36 -0.49 0.00 | 17.08 -0.59 0.00 | 17.79 -0.65 0.00 | 17.88 -0.71 0.00 | 18.86 -1.02 0.00 | 18.11 -1.03 0.00 | 15.83 -0.82 0.00 | 13.79 -0.65 0.00 | 14.66 -0.43 0.00 | 15.64 -0.36 0.00 | 14.89 -0.32 0.00 | 14.81 -0.22 0.00 | 16.06 -0.23 0.00 | 16.46 -0.31 0.00 | 18.89 -0.52 0.00 | 21.71 -1.01 0.00 | 25.30 -1.28 0.00 | 30.30 -1.57 0.00 | 26.74 -1.89 0.00 | 23.53 -1.44 0.00 | 18.09 -0.96 0.00 | 15.99 -0.70 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 20.50 1.45 0.00 | 19.11 1.46 0.00 | 18.26 1.42 0.00 | 19.13 1.46 0.00 | 19.90 1.46 0.00 | 20.09 1.50 0.00 | 21.68 1.80 0.00 | 20.94 1.80 0.00 | 18.11 1.46 0.00 | 15.58 1.15 0.00 | 16.16 1.08 0.00 | 17.25 1.25 0.00 | 16.30 1.09 0.00 | 103.12 0.98 -87.10 | 30.06 1.11 -12.66 | 48.34 1.28 -30.29 | 26.87 1.50 -5.96 | 26.06 1.81 -1.53 | 55.04 2.14 -26.32 | 56.75 2.59 -22.30 | 51.06 2.28 -20.15 | 34.20 1.93 -7.29 | 31.77 1.55 -11.18 | 31.09 1.18 -13.22 |
| KEDC_PORT_JEFF_GT3 24211 | 20.50 1.45 0.00 | 19.11 1.46 0.00 | 18.26 1.42 0.00 | 19.13 1.46 0.00 | 19.90 1.46 0.00 | 20.09 1.50 0.00 | 21.68 1.80 0.00 | 20.94 1.80 0.00 | 18.11 1.46 0.00 | 15.58 1.15 0.00 | 16.16 1.08 0.00 | 17.25 1.25 0.00 | 16.30 1.09 0.00 | 103.12 0.98 -87.10 | 30.06 1.11 -12.66 | 48.34 1.28 -30.29 | 26.87 1.50 -5.96 | 26.06 1.81 -1.53 | 55.04 2.14 -26.32 | 56.75 2.59 -22.30 | 51.06 2.28 -20.15 | 34.20 1.93 -7.29 | 31.77 1.55 -11.18 | 31.09 1.18 -13.22 |
| KEDC_GLWD_GT4 24219 | 20.41 1.35 0.00 | 18.95 1.30 0.00 | 18.10 1.25 0.00 | 18.96 1.30 0.00 | 19.72 1.28 0.00 | 19.85 1.26 0.00 | 21.37 1.50 0.00 | 20.64 1.51 0.00 | 17.92 1.27 0.00 | 15.51 1.07 0.00 | 16.15 1.06 0.00 | 17.17 1.17 0.00 | 16.26 1.05 0.00 | 103.18 1.04 -87.10 | 30.14 1.21 -12.64 | 48.38 1.32 -30.29 | 26.95 1.59 -5.96 | 26.13 1.88 -1.53 | 55.14 2.24 -26.32 | 56.87 2.70 -22.30 | 51.18 2.40 -20.15 | 34.31 2.05 -7.29 | 31.76 1.54 -11.18 | 31.15 1.24 -13.22 |
| KEDC_GLWD_GT5 24220 | 20.41 1.35 0.00 | 18.95 1.30 0.00 | 18.10 1.25 0.00 | 18.96 1.30 0.00 | 19.72 1.28 0.00 | 19.85 1.26 0.00 | 21.37 1.50 0.00 | 20.64 1.51 0.00 | 17.92 1.27 0.00 | 15.51 1.07 0.00 | 16.15 1.06 0.00 | 17.17 1.17 0.00 | 16.26 1.05 0.00 | 103.18 1.04 -87.10 | 30.14 1.21 -12.64 | 48.38 1.32 -30.29 | 26.95 1.59 -5.96 | 26.13 1.88 -1.53 | 55.14 2.24 -26.32 | 56.87 2.70 -22.30 | 51.18 2.40 -20.15 | 34.31 2.05 -7.29 | 31.76 1.54 -11.18 | 31.15 1.24 -13.22 |
| KENSICO____ 23655 | 20.15 1.09 0.00 | 18.68 1.03 0.00 | 17.85 1.00 0.00 | 18.71 1.05 0.00 | 19.45 1.01 0.00 | 19.60 1.01 0.00 | 21.06 1.19 0.00 | 20.34 1.20 0.00 | 17.70 1.05 0.00 | 15.37 0.93 0.00 | 15.97 0.89 0.00 | 16.90 0.90 0.00 | 16.05 0.83 0.00 | 15.83 0.79 0.00 | 17.17 0.87 0.00 | 17.71 0.94 0.00 | 20.54 1.13 0.00 | 24.08 1.37 0.00 | 28.21 1.63 0.00 | 33.82 1.96 0.00 | 30.37 1.75 0.00 | 26.43 1.46 0.00 | 20.16 1.11 0.00 | 17.60 0.90 0.00 |

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| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 20.17 1.12 0.00 | 18.69 1.03 0.00 | 17.84 0.99 0.00 | 18.72 1.05 0.00 | 19.47 1.03 0.00 | 19.63 1.04 0.00 | 21.09 1.21 0.00 | 20.37 1.23 0.00 | 17.66 1.01 0.00 | 15.24 0.80 0.00 | 15.80 0.71 0.00 | 16.72 0.72 0.00 | 15.85 0.64 0.00 | 15.65 0.62 0.00 | 17.03 0.74 0.00 | 17.61 0.84 0.00 | 20.52 1.10 0.00 | 24.12 1.41 0.00 | 28.30 1.73 0.00 | 34.00 2.14 0.00 | 30.53 1.90 0.00 | 26.56 1.59 0.00 | 20.22 1.17 0.00 | 17.63 0.94 0.00 |
| KIAC_JFK_GT1 23816 | 20.32 1.26 0.00 | 18.86 1.20 0.00 | 18.02 1.17 0.00 | 18.88 1.21 0.00 | 19.60 1.16 0.00 | 19.77 1.18 0.00 | 21.15 1.27 0.00 | 20.48 1.34 0.00 | 17.88 1.23 0.00 | 15.56 1.12 0.00 | 16.15 1.07 0.00 | 17.00 1.00 0.00 | 16.18 0.97 0.00 | 15.91 0.87 0.00 | 17.28 0.99 0.00 | 17.79 1.02 0.00 | 20.62 1.20 0.00 | 24.16 1.45 0.00 | 28.27 1.70 0.00 | 33.89 2.03 0.00 | 30.46 1.84 0.00 | 26.49 1.52 0.00 | 20.30 1.25 0.00 | 17.69 0.99 0.00 |
| KIAC_JFK_GT2 23817 | 20.32 1.26 0.00 | 18.86 1.20 0.00 | 18.02 1.17 0.00 | 18.88 1.21 0.00 | 19.60 1.16 0.00 | 19.77 1.18 0.00 | 21.15 1.27 0.00 | 20.48 1.34 0.00 | 17.88 1.23 0.00 | 15.56 1.12 0.00 | 16.15 1.07 0.00 | 17.00 1.00 0.00 | 16.18 0.97 0.00 | 15.91 0.87 0.00 | 17.28 0.99 0.00 | 17.79 1.02 0.00 | 20.62 1.20 0.00 | 24.16 1.45 0.00 | 28.27 1.70 0.00 | 33.89 2.03 0.00 | 30.46 1.84 0.00 | 26.49 1.52 0.00 | 20.30 1.25 0.00 | 17.69 0.99 0.00 |
| KIAC_JFK____ 323774 | 20.32 1.26 0.00 | 18.86 1.20 0.00 | 18.02 1.17 0.00 | 18.88 1.21 0.00 | 19.60 1.16 0.00 | 19.77 1.18 0.00 | 21.15 1.28 0.00 | 20.47 1.33 0.00 | 17.88 1.23 0.00 | 15.56 1.12 0.00 | 16.15 1.07 0.00 | 17.00 1.00 0.00 | 16.18 0.97 0.00 | 15.90 0.87 0.00 | 17.28 0.99 0.00 | 17.79 1.01 0.00 | 20.62 1.20 0.00 | 24.16 1.45 0.00 | 28.28 1.70 0.00 | 33.89 2.03 0.00 | 30.46 1.84 0.00 | 26.49 1.52 0.00 | 20.30 1.25 0.00 | 17.69 0.99 0.00 |
| KINTIGH____ 23543 | 18.13 -0.93 0.00 | 16.90 -0.75 0.00 | 16.10 -0.75 0.00 | 16.82 -0.85 0.00 | 17.54 -0.90 0.00 | 17.65 -0.95 0.00 | 18.61 -1.26 0.00 | 17.87 -1.27 0.00 | 15.62 -1.03 0.00 | 13.60 -0.84 0.00 | 14.43 -0.65 0.00 | 15.41 -0.58 0.00 | 14.67 -0.54 0.00 | 14.59 -0.45 0.00 | 15.82 -0.47 0.00 | 16.20 -0.58 0.00 | 18.62 -0.80 0.00 | 21.44 -1.27 0.00 | 24.98 -1.60 0.00 | 29.90 -1.97 0.00 | 26.49 -2.14 0.00 | 23.27 -1.70 0.00 | 17.88 -1.17 0.00 | 15.80 -0.89 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 18.88 -0.18 0.00 | 17.46 -0.20 0.00 | 16.76 -0.09 0.00 | 17.76 0.09 0.00 | 18.62 0.18 0.00 | 18.70 0.11 0.00 | 19.94 0.07 0.00 | 19.38 0.24 0.00 | 17.04 0.40 0.00 | 14.91 0.47 0.00 | 15.64 0.55 0.00 | 16.47 0.48 0.00 | 15.47 0.26 0.00 | 15.18 0.14 0.00 | 16.40 0.11 0.00 | 16.90 0.13 0.00 | 19.71 0.30 0.00 | 23.48 0.77 0.00 | 27.56 0.98 0.00 | 33.30 1.44 0.00 | 30.11 1.48 0.00 | 26.19 1.22 0.00 | 19.82 0.77 0.00 | 17.14 0.45 0.00 |
| LACHUTE____HYDRO 323717 | 20.07 1.02 0.00 | 18.53 0.87 0.00 | 17.85 1.00 0.00 | 18.80 1.14 0.00 | 19.54 1.11 0.00 | 19.65 1.06 0.00 | 21.09 1.21 0.00 | 20.27 1.13 0.00 | 17.43 0.78 0.00 | 14.77 0.34 0.00 | 15.24 0.15 0.00 | 16.12 0.12 0.00 | 15.32 0.11 0.00 | 15.11 0.08 0.00 | 16.40 0.11 0.00 | 16.95 0.17 0.00 | 19.90 0.49 0.00 | 23.75 1.04 0.00 | 28.51 1.93 0.00 | 34.04 2.18 0.00 | 30.68 2.06 0.00 | 26.66 1.69 0.00 | 20.07 1.02 0.00 | 17.54 0.84 0.00 |
| LAWRNCV_115KV_TB1 80681 | 18.46 -0.59 0.00 | 17.06 -0.60 0.00 | 16.26 -0.59 0.00 | 17.08 -0.59 0.00 | 17.91 -0.53 0.00 | 18.07 -0.52 0.00 | 19.28 -0.59 0.00 | 18.54 -0.59 0.00 | 16.16 -0.49 0.00 | 14.02 -0.42 0.00 | 14.65 -0.44 0.00 | 15.53 -0.47 0.00 | 14.75 -0.46 0.00 | 14.60 -0.43 0.00 | 15.84 -0.45 0.00 | 16.34 -0.43 0.00 | 18.92 -0.49 0.00 | 22.23 -0.48 0.00 | 26.00 -0.58 0.00 | 31.20 -0.66 0.00 | 28.21 -0.42 0.00 | 24.64 -0.33 0.00 | 18.75 -0.30 0.00 | 16.39 -0.30 0.00 |
| LEDERLE____ 23769 | 20.21 1.15 0.00 | 18.72 1.06 0.00 | 17.89 1.04 0.00 | 18.77 1.10 0.00 | 19.51 1.07 0.00 | 19.66 1.07 0.00 | 21.12 1.25 0.00 | 20.39 1.25 0.00 | 17.74 1.09 0.00 | 15.39 0.95 0.00 | 16.01 0.93 0.00 | 16.95 0.95 0.00 | 16.09 0.88 0.00 | 15.87 0.83 0.00 | 17.20 0.91 0.00 | 17.75 0.98 0.00 | 20.61 1.20 0.00 | 24.17 1.45 0.00 | 28.30 1.73 0.00 | 33.96 2.09 0.00 | 30.44 1.82 0.00 | 26.47 1.50 0.00 | 20.17 1.12 0.00 | 17.60 0.91 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 18.61 -0.45 0.00 | 17.20 -0.45 0.00 | 16.39 -0.46 0.00 | 17.17 -0.50 0.00 | 17.95 -0.49 0.00 | 18.15 -0.44 0.00 | 19.41 -0.47 0.00 | 18.65 -0.48 0.00 | 16.23 -0.42 0.00 | 14.03 -0.41 0.00 | 14.60 -0.48 0.00 | 15.42 -0.58 0.00 | 14.71 -0.50 0.00 | 14.59 -0.44 0.00 | 15.89 -0.40 0.00 | 16.34 -0.44 0.00 | 18.79 -0.62 0.00 | 22.03 -0.68 0.00 | 25.84 -0.74 0.00 | 31.00 -0.87 0.00 | 27.79 -0.84 0.00 | 24.25 -0.72 0.00 | 18.49 -0.55 0.00 | 16.21 -0.48 0.00 |
| LINDEN COGEN____ 23786 | 20.20 1.14 0.00 | 18.72 1.07 0.00 | 17.89 1.04 0.00 | 18.75 1.08 0.00 | 19.48 1.04 0.00 | 19.62 1.03 0.00 | 21.09 1.22 0.00 | 20.40 1.26 0.00 | 17.78 1.14 0.00 | 15.46 1.02 0.00 | 16.05 0.96 0.00 | 16.96 0.96 0.00 | 16.11 0.90 0.00 | 15.88 0.84 0.00 | 17.22 0.93 0.00 | 17.75 0.98 0.00 | 20.59 1.17 0.00 | 24.12 1.40 0.00 | 28.23 1.65 0.00 | 33.83 1.96 0.00 | 30.40 1.77 0.00 | 26.44 1.47 0.00 | 20.20 1.15 0.00 | 17.63 0.93 0.00 |
| LINDHRST_69_KV_BK1 356055 | 20.54 1.48 0.00 | 19.09 1.44 0.00 | 18.24 1.39 0.00 | 19.10 1.43 0.00 | 19.86 1.43 0.00 | 20.00 1.41 0.00 | 21.54 1.67 0.00 | 20.81 1.67 0.00 | 18.03 1.38 0.00 | 15.56 1.12 0.00 | 16.19 1.10 0.00 | 17.24 1.24 0.00 | 16.30 1.09 0.00 | 103.18 1.04 -87.10 | 30.17 1.24 -12.65 | 48.44 1.38 -30.29 | 27.05 1.67 -5.96 | 26.28 2.03 -1.53 | 55.32 2.43 -26.32 | 57.08 2.92 -22.30 | 51.33 2.56 -20.15 | 34.46 2.20 -7.29 | 31.90 1.68 -11.18 | 31.23 1.32 -13.22 |
| LIPA_MISC_IPP 23656 | 20.48 1.42 0.00 | 19.12 1.46 0.00 | 18.28 1.43 0.00 | 19.15 1.48 0.00 | 19.92 1.48 0.00 | 20.16 1.57 0.00 | 21.79 1.91 0.00 | 21.03 1.89 0.00 | 18.18 1.53 0.00 | 15.62 1.18 0.00 | 16.15 1.06 0.00 | 17.25 1.26 0.00 | 16.30 1.09 0.00 | 103.09 0.95 -87.10 | 30.00 1.06 -12.66 | 48.34 1.27 -30.29 | 26.81 1.44 -5.96 | 26.02 1.77 -1.53 | 55.11 2.21 -26.32 | 56.82 2.66 -22.30 | 51.13 2.35 -20.15 | 34.22 1.96 -7.29 | 31.75 1.53 -11.18 | 31.06 1.14 -13.22 |
| LISF____SOLAR 323691 | 20.51 1.46 0.00 | 19.15 1.50 0.00 | 18.31 1.46 0.00 | 19.17 1.51 0.00 | 19.96 1.52 0.00 | 20.20 1.61 0.00 | 21.83 1.96 0.00 | 21.07 1.93 0.00 | 18.21 1.56 0.00 | 15.63 1.19 0.00 | 16.15 1.07 0.00 | 17.26 1.26 0.00 | 16.31 1.10 0.00 | 103.09 0.95 -87.10 | 30.01 1.06 -12.66 | 48.34 1.28 -30.29 | 26.83 1.46 -5.96 | 26.05 1.81 -1.53 | 55.16 2.26 -26.32 | 56.90 2.74 -22.30 | 51.19 2.42 -20.15 | 34.29 2.02 -7.29 | 31.80 1.57 -11.18 | 31.09 1.17 -13.22 |
| LITTLE FALLS____HYD 24013 | 19.05 -0.01 0.00 | 17.60 -0.06 0.00 | 16.81 -0.04 0.00 | 17.67 0.00 0.00 | 18.48 0.05 0.00 | 18.71 0.12 0.00 | 20.00 0.13 0.00 | 19.22 0.08 0.00 | 16.55 -0.10 0.00 | 14.19 -0.25 0.00 | 14.66 -0.43 0.00 | 15.50 -0.49 0.00 | 14.77 -0.44 0.00 | 14.55 -0.49 0.00 | 15.73 -0.55 0.00 | 16.39 -0.39 0.00 | 19.19 -0.23 0.00 | 22.64 -0.07 0.00 | 26.69 0.11 0.00 | 32.10 0.24 0.00 | 28.82 0.19 0.00 | 25.08 0.11 0.00 | 19.11 0.06 0.00 | 16.69 -0.01 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 18.67 -0.39 0.00 | 17.24 -0.41 0.00 | 16.44 -0.41 0.00 | 17.26 -0.41 0.00 | 18.11 -0.33 0.00 | 18.27 -0.32 0.00 | 19.50 -0.38 0.00 | 18.71 -0.43 0.00 | 16.27 -0.38 0.00 | 14.10 -0.34 0.00 | 14.72 -0.37 0.00 | 15.61 -0.39 0.00 | 14.84 -0.37 0.00 | 14.69 -0.34 0.00 | 15.94 -0.35 0.00 | 16.51 -0.27 0.00 | 19.14 -0.27 0.00 | 22.52 -0.20 0.00 | 26.32 -0.26 0.00 | 31.60 -0.26 0.00 | 28.58 -0.05 0.00 | 24.95 -0.02 0.00 | 18.98 -0.07 0.00 | 16.59 -0.11 0.00 |
| LI_NEWBRDGE___DRP 323616 | 20.26 1.20 0.00 | 18.83 1.17 0.00 | 17.98 1.13 0.00 | 18.84 1.17 0.00 | 19.59 1.15 0.00 | 19.72 1.13 0.00 | 21.24 1.36 0.00 | 20.51 1.37 0.00 | 17.79 1.14 0.00 | 15.39 0.96 0.00 | 16.02 0.93 0.00 | 17.03 1.04 0.00 | 16.13 0.92 0.00 | 103.05 0.92 -87.10 | 30.04 1.09 -12.66 | 48.26 1.19 -30.29 | 26.79 1.42 -5.96 | 25.94 1.69 -1.53 | 54.91 2.01 -26.32 | 56.58 2.42 -22.30 | 50.92 2.15 -20.15 | 34.09 1.83 -7.29 | 31.62 1.40 -11.18 | 31.00 1.09 -13.22 |
| LOCKPORT_115KV_TB60_63_64 80432 | 18.08 -0.98 0.00 | 16.87 -0.78 0.00 | 16.07 -0.78 0.00 | 16.78 -0.89 0.00 | 17.48 -0.96 0.00 | 17.57 -1.02 0.00 | 18.47 -1.40 0.00 | 17.73 -1.41 0.00 | 15.54 -1.11 0.00 | 13.55 -0.89 0.00 | 14.41 -0.68 0.00 | 15.40 -0.60 0.00 | 14.65 -0.56 0.00 | 14.57 -0.47 0.00 | 15.78 -0.51 0.00 | 16.14 -0.63 0.00 | 18.56 -0.85 0.00 | 21.29 -1.42 0.00 | 24.81 -1.77 0.00 | 29.69 -2.18 0.00 | 26.26 -2.36 0.00 | 23.11 -1.86 0.00 | 17.79 -1.26 0.00 | 15.75 -0.95 0.00 |
| LOCKPORT___CC1 323769 | 18.08 -0.98 0.00 | 16.87 -0.79 0.00 | 16.06 -0.79 0.00 | 16.78 -0.89 0.00 | 17.47 -0.97 0.00 | 17.57 -1.02 0.00 | 18.47 -1.40 0.00 | 17.73 -1.42 0.00 | 15.53 -1.12 0.00 | 13.54 -0.89 0.00 | 14.40 -0.68 0.00 | 15.40 -0.60 0.00 | 14.64 -0.57 0.00 | 14.57 -0.47 0.00 | 15.79 -0.50 0.00 | 16.17 -0.60 0.00 | 18.55 -0.86 0.00 | 21.30 -1.42 0.00 | 24.80 -1.77 0.00 | 29.68 -2.19 0.00 | 26.25 -2.38 0.00 | 23.10 -1.87 0.00 | 17.78 -1.27 0.00 | 15.74 -0.96 0.00 |
| LOCKPORT___CC2 323770 | 18.08 -0.98 0.00 | 16.87 -0.79 0.00 | 16.06 -0.79 0.00 | 16.78 -0.89 0.00 | 17.47 -0.97 0.00 | 17.57 -1.02 0.00 | 18.47 -1.40 0.00 | 17.73 -1.42 0.00 | 15.53 -1.12 0.00 | 13.54 -0.89 0.00 | 14.40 -0.68 0.00 | 15.40 -0.60 0.00 | 14.64 -0.57 0.00 | 14.57 -0.47 0.00 | 15.79 -0.50 0.00 | 16.17 -0.60 0.00 | 18.55 -0.86 0.00 | 21.30 -1.42 0.00 | 24.80 -1.77 0.00 | 29.68 -2.19 0.00 | 26.25 -2.38 0.00 | 23.10 -1.87 0.00 | 17.78 -1.27 0.00 | 15.74 -0.96 0.00 |
| LOCKPORT___CC3 323771 | 18.08 -0.98 0.00 | 16.87 -0.79 0.00 | 16.06 -0.79 0.00 | 16.78 -0.89 0.00 | 17.47 -0.97 0.00 | 17.57 -1.02 0.00 | 18.47 -1.40 0.00 | 17.73 -1.42 0.00 | 15.53 -1.12 0.00 | 13.54 -0.89 0.00 | 14.40 -0.68 0.00 | 15.40 -0.60 0.00 | 14.64 -0.57 0.00 | 14.57 -0.47 0.00 | 15.79 -0.50 0.00 | 16.17 -0.60 0.00 | 18.55 -0.86 0.00 | 21.30 -1.42 0.00 | 24.80 -1.77 0.00 | 29.68 -2.19 0.00 | 26.25 -2.38 0.00 | 23.10 -1.87 0.00 | 17.78 -1.27 0.00 | 15.74 -0.96 0.00 |
| LONG_LAKE_PHOENIX 24014 | 18.63 -0.43 0.00 | 17.27 -0.39 0.00 | 16.48 -0.37 0.00 | 17.27 -0.40 0.00 | 18.01 -0.43 0.00 | 18.17 -0.43 0.00 | 19.41 -0.46 0.00 | 18.69 -0.45 0.00 | 16.25 -0.40 0.00 | 14.07 -0.37 0.00 | 14.72 -0.36 0.00 | 15.63 -0.37 0.00 | 14.88 -0.33 0.00 | 14.74 -0.30 0.00 | 15.97 -0.32 0.00 | 16.43 -0.35 0.00 | 18.96 -0.46 0.00 | 22.13 -0.58 0.00 | 25.89 -0.69 0.00 | 31.03 -0.84 0.00 | 27.78 -0.85 0.00 | 24.23 -0.74 0.00 | 18.51 -0.54 0.00 | 16.24 -0.45 0.00 |
| LOVETT___3 23632 | 20.10 1.04 0.00 | 18.62 0.97 0.00 | 17.79 0.94 0.00 | 18.67 1.00 0.00 | 19.40 0.96 0.00 | 19.55 0.96 0.00 | 21.00 1.13 0.00 | 20.28 1.15 0.00 | 17.65 1.00 0.00 | 15.31 0.87 0.00 | 15.92 0.84 0.00 | 16.85 0.85 0.00 | 16.00 0.79 0.00 | 15.77 0.74 0.00 | 17.10 0.81 0.00 | 17.65 0.87 0.00 | 20.49 1.07 0.00 | 24.02 1.30 0.00 | 28.13 1.55 0.00 | 33.74 1.87 0.00 | 30.25 1.63 0.00 | 26.31 1.35 0.00 | 20.06 1.01 0.00 | 17.51 0.81 0.00 |
| LOVETT___4 23642 | 20.10 1.04 0.00 | 18.62 0.97 0.00 | 17.79 0.94 0.00 | 18.67 1.00 0.00 | 19.40 0.96 0.00 | 19.55 0.96 0.00 | 21.00 1.13 0.00 | 20.28 1.15 0.00 | 17.65 1.00 0.00 | 15.31 0.87 0.00 | 15.92 0.84 0.00 | 16.85 0.85 0.00 | 16.00 0.79 0.00 | 15.77 0.74 0.00 | 17.10 0.81 0.00 | 17.65 0.87 0.00 | 20.49 1.07 0.00 | 24.02 1.30 0.00 | 28.13 1.55 0.00 | 33.74 1.87 0.00 | 30.25 1.63 0.00 | 26.31 1.35 0.00 | 20.06 1.01 0.00 | 17.51 0.81 0.00 |
| LOVETT___5 23593 | 20.10 1.04 0.00 | 18.62 0.97 0.00 | 17.79 0.94 0.00 | 18.67 1.00 0.00 | 19.40 0.96 0.00 | 19.55 0.96 0.00 | 21.00 1.13 0.00 | 20.28 1.15 0.00 | 17.65 1.00 0.00 | 15.31 0.87 0.00 | 15.92 0.84 0.00 | 16.85 0.85 0.00 | 16.00 0.79 0.00 | 15.77 0.74 0.00 | 17.10 0.81 0.00 | 17.65 0.87 0.00 | 20.49 1.07 0.00 | 24.02 1.30 0.00 | 28.13 1.55 0.00 | 33.74 1.87 0.00 | 30.25 1.63 0.00 | 26.31 1.35 0.00 | 20.06 1.01 0.00 | 17.51 0.81 0.00 |
| LOWER RAQUET___HYD 24057 | 18.34 -0.72 0.00 | 16.94 -0.72 0.00 | 16.15 -0.70 0.00 | 16.96 -0.71 0.00 | 17.80 -0.64 0.00 | 17.96 -0.64 0.00 | 19.17 -0.71 0.00 | 18.43 -0.71 0.00 | 16.06 -0.58 0.00 | 13.93 -0.51 0.00 | 14.54 -0.55 0.00 | 15.40 -0.59 0.00 | 14.64 -0.57 0.00 | 14.49 -0.55 0.00 | 15.72 -0.57 0.00 | 16.22 -0.55 0.00 | 18.79 -0.62 0.00 | 22.10 -0.61 0.00 | 25.85 -0.73 0.00 | 31.03 -0.83 0.00 | 28.06 -0.56 0.00 | 24.50 -0.47 0.00 | 18.64 -0.40 0.00 | 16.29 -0.41 0.00 |
| LOWER___HUDSON 24059 | 19.55 0.49 0.00 | 18.11 0.46 0.00 | 17.33 0.48 0.00 | 18.18 0.51 0.00 | 18.93 0.49 0.00 | 19.08 0.49 0.00 | 20.44 0.57 0.00 | 19.65 0.51 0.00 | 17.03 0.38 0.00 | 14.70 0.26 0.00 | 15.29 0.20 0.00 | 16.17 0.18 0.00 | 15.43 0.22 0.00 | 15.21 0.17 0.00 | 16.45 0.16 0.00 | 16.97 0.19 0.00 | 19.71 0.29 0.00 | 23.16 0.45 0.00 | 27.16 0.59 0.00 | 32.60 0.74 0.00 | 29.30 0.67 0.00 | 25.54 0.57 0.00 | 19.46 0.41 0.00 | 17.06 0.37 0.00 |
| LOWVILLE_115KV_TB2 356335 | 18.60 -0.46 0.00 | 17.09 -0.57 0.00 | 16.25 -0.60 0.00 | 17.08 -0.59 0.00 | 17.96 -0.48 0.00 | 18.29 -0.30 0.00 | 19.61 -0.26 0.00 | 18.80 -0.34 0.00 | 16.34 -0.30 0.00 | 14.07 -0.37 0.00 | 14.47 -0.62 0.00 | 15.24 -0.75 0.00 | 14.52 -0.69 0.00 | 14.38 -0.65 0.00 | 15.78 -0.51 0.00 | 16.30 -0.48 0.00 | 18.74 -0.68 0.00 | 22.09 -0.63 0.00 | 26.06 -0.52 0.00 | 31.31 -0.55 0.00 | 28.02 -0.61 0.00 | 24.49 -0.48 0.00 | 18.62 -0.42 0.00 | 16.28 -0.42 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 19.71 0.65 0.00 | 18.25 0.60 0.00 | 17.46 0.61 0.00 | 18.33 0.66 0.00 | 19.08 0.64 0.00 | 19.25 0.66 0.00 | 20.62 0.75 0.00 | 19.81 0.67 0.00 | 17.16 0.51 0.00 | 14.80 0.36 0.00 | 15.36 0.27 0.00 | 16.25 0.26 0.00 | 15.49 0.28 0.00 | 15.26 0.22 0.00 | 16.53 0.24 0.00 | 17.08 0.31 0.00 | 19.89 0.48 0.00 | 23.43 0.72 0.00 | 27.53 0.95 0.00 | 33.02 1.16 0.00 | 29.66 1.03 0.00 | 25.83 0.86 0.00 | 19.65 0.61 0.00 | 17.21 0.52 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 19.71 0.65 0.00 | 18.25 0.60 0.00 | 17.45 0.60 0.00 | 18.32 0.65 0.00 | 19.08 0.64 0.00 | 19.25 0.66 0.00 | 20.64 0.77 0.00 | 19.81 0.67 0.00 | 17.16 0.51 0.00 | 14.80 0.37 0.00 | 15.36 0.28 0.00 | 16.25 0.26 0.00 | 15.49 0.28 0.00 | 15.26 0.22 0.00 | 16.53 0.24 0.00 | 17.09 0.31 0.00 | 19.91 0.49 0.00 | 23.45 0.73 0.00 | 27.54 0.96 0.00 | 33.07 1.21 0.00 | 29.67 1.05 0.00 | 25.84 0.87 0.00 | 19.66 0.62 0.00 | 17.21 0.51 0.00 |

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| LWR___OSWEGATCHIE_HYD 23850 | 18.42 -0.64 0.00 | 16.97 -0.69 0.00 | 16.15 -0.70 0.00 | 16.96 -0.71 0.00 | 17.82 -0.62 0.00 | 18.06 -0.53 0.00 | 19.32 -0.55 0.00 | 18.54 -0.60 0.00 | 16.14 -0.51 0.00 | 13.94 -0.50 0.00 | 14.44 -0.65 0.00 | 15.24 -0.75 0.00 | 14.52 -0.69 0.00 | 14.39 -0.65 0.00 | 15.70 -0.59 0.00 | 16.20 -0.58 0.00 | 18.68 -0.73 0.00 | 22.01 -0.71 0.00 | 25.84 -0.74 0.00 | 31.05 -0.82 0.00 | 27.94 -0.69 0.00 | 24.41 -0.56 0.00 | 18.56 -0.48 0.00 | 16.22 -0.47 0.00 |
| LYONS_FALL_HYD 23570 | 18.93 -0.13 0.00 | 17.44 -0.22 0.00 | 16.60 -0.25 0.00 | 17.43 -0.24 0.00 | 18.28 -0.16 0.00 | 18.55 -0.04 0.00 | 19.86 -0.01 0.00 | 19.07 -0.07 0.00 | 16.57 -0.08 0.00 | 14.29 -0.15 0.00 | 14.78 -0.31 0.00 | 15.61 -0.39 0.00 | 14.85 -0.36 0.00 | 14.72 -0.31 0.00 | 16.08 -0.21 0.00 | 16.60 -0.18 0.00 | 19.13 -0.29 0.00 | 22.50 -0.22 0.00 | 26.46 -0.12 0.00 | 31.78 -0.08 0.00 | 28.46 -0.17 0.00 | 24.84 -0.13 0.00 | 18.90 -0.14 0.00 | 16.54 -0.16 0.00 |
| MADISON___COUNTY_LFGE 323628 | 19.43 0.37 0.00 | 17.97 0.32 0.00 | 17.15 0.30 0.00 | 17.97 0.30 0.00 | 18.77 0.33 0.00 | 18.98 0.39 0.00 | 20.27 0.40 0.00 | 19.49 0.35 0.00 | 16.88 0.23 0.00 | 14.59 0.15 0.00 | 15.18 0.09 0.00 | 16.11 0.12 0.00 | 15.30 0.09 0.00 | 15.20 0.17 0.00 | 16.52 0.23 0.00 | 17.04 0.26 0.00 | 19.68 0.26 0.00 | 23.07 0.36 0.00 | 27.05 0.47 0.00 | 32.44 0.57 0.00 | 29.06 0.43 0.00 | 25.32 0.35 0.00 | 19.28 0.24 0.00 | 16.90 0.20 0.00 |
| MALONE___115KV_TB1 356076 | 18.79 -0.27 0.00 | 17.38 -0.28 0.00 | 16.63 -0.22 0.00 | 17.54 -0.13 0.00 | 18.39 -0.05 0.00 | 18.49 -0.10 0.00 | 19.71 -0.16 0.00 | 19.09 -0.05 0.00 | 16.73 0.08 0.00 | 14.57 0.13 0.00 | 15.25 0.17 0.00 | 16.12 0.12 0.00 | 15.20 -0.01 0.00 | 15.01 -0.03 0.00 | 16.24 -0.05 0.00 | 16.72 -0.05 0.00 | 19.47 0.05 0.00 | 23.00 0.28 0.00 | 26.94 0.36 0.00 | 32.46 0.59 0.00 | 29.36 0.73 0.00 | 25.60 0.63 0.00 | 19.44 0.39 0.00 | 16.88 0.18 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 19.48 0.42 0.00 | 18.04 0.39 0.00 | 17.24 0.40 0.00 | 18.08 0.41 0.00 | 18.83 0.39 0.00 | 18.99 0.40 0.00 | 20.33 0.46 0.00 | 19.56 0.42 0.00 | 16.99 0.34 0.00 | 14.73 0.29 0.00 | 15.33 0.24 0.00 | 16.21 0.21 0.00 | 15.45 0.24 0.00 | 15.24 0.21 0.00 | 16.48 0.19 0.00 | 16.98 0.20 0.00 | 19.71 0.30 0.00 | 23.09 0.38 0.00 | 27.08 0.50 0.00 | 32.47 0.60 0.00 | 29.19 0.56 0.00 | 25.43 0.46 0.00 | 19.38 0.34 0.00 | 17.00 0.31 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 18.61 -0.45 0.00 | 17.19 -0.46 0.00 | 16.37 -0.47 0.00 | 17.21 -0.46 0.00 | 18.08 -0.35 0.00 | 18.25 -0.34 0.00 | 19.48 -0.39 0.00 | 18.77 -0.37 0.00 | 16.37 -0.28 0.00 | 14.18 -0.26 0.00 | 14.79 -0.30 0.00 | 15.65 -0.35 0.00 | 14.87 -0.34 0.00 | 14.68 -0.36 0.00 | 15.92 -0.37 0.00 | 16.37 -0.40 0.00 | 18.95 -0.47 0.00 | 22.23 -0.48 0.00 | 26.05 -0.53 0.00 | 31.14 -0.72 0.00 | 28.06 -0.56 0.00 | 24.42 -0.55 0.00 | 18.55 -0.50 0.00 | 16.25 -0.45 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 18.61 -0.45 0.00 | 17.19 -0.46 0.00 | 16.37 -0.47 0.00 | 17.21 -0.46 0.00 | 18.08 -0.35 0.00 | 18.25 -0.34 0.00 | 19.48 -0.39 0.00 | 18.77 -0.37 0.00 | 16.37 -0.28 0.00 | 14.18 -0.26 0.00 | 14.79 -0.30 0.00 | 15.65 -0.35 0.00 | 14.87 -0.34 0.00 | 14.68 -0.36 0.00 | 15.92 -0.37 0.00 | 16.37 -0.40 0.00 | 18.95 -0.47 0.00 | 22.23 -0.48 0.00 | 26.05 -0.53 0.00 | 31.14 -0.72 0.00 | 28.06 -0.56 0.00 | 24.42 -0.55 0.00 | 18.55 -0.50 0.00 | 16.25 -0.45 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 18.61 -0.45 0.00 | 17.20 -0.46 0.00 | 16.56 -0.29 0.00 | 17.61 -0.06 0.00 | 18.50 0.06 0.00 | 18.59 0.00 0.00 | 19.79 -0.09 0.00 | 19.25 0.11 0.00 | 16.98 0.34 0.00 | 14.91 0.47 0.00 | 15.65 0.56 0.00 | 16.47 0.47 0.00 | 15.43 0.22 0.00 | 15.09 0.06 0.00 | 16.32 0.03 0.00 | 16.83 0.05 0.00 | 19.62 0.20 0.00 | 23.43 0.71 0.00 | 27.49 0.91 0.00 | 33.26 1.39 0.00 | 30.10 1.48 0.00 | 26.12 1.15 0.00 | 19.75 0.70 0.00 | 17.05 0.36 0.00 |
| MARSHVLE_115KV_TB1 80742 | 20.13 1.08 0.00 | 18.65 1.00 0.00 | 17.75 0.90 0.00 | 18.63 0.96 0.00 | 19.57 1.13 0.00 | 19.78 1.19 0.00 | 21.04 1.17 0.00 | 20.15 1.01 0.00 | 17.52 0.87 0.00 | 15.12 0.69 0.00 | 15.78 0.70 0.00 | 16.81 0.81 0.00 | 15.90 0.69 0.00 | 15.78 0.74 0.00 | 17.14 0.85 0.00 | 17.66 0.89 0.00 | 20.46 1.05 0.00 | 24.06 1.35 0.00 | 28.19 1.62 0.00 | 33.85 1.98 0.00 | 30.42 1.79 0.00 | 26.54 1.57 0.00 | 20.24 1.20 0.00 | 17.74 1.04 0.00 |
| MARSH_HILL_WT_PWR 323713 | 17.91 -1.15 0.00 | 16.74 -0.91 0.00 | 15.94 -0.90 0.00 | 16.63 -1.04 0.00 | 17.21 -1.23 0.00 | 17.35 -1.24 0.00 | 18.48 -1.40 0.00 | 17.82 -1.32 0.00 | 15.49 -1.15 0.00 | 13.42 -1.02 0.00 | 14.27 -0.82 0.00 | 15.09 -0.90 0.00 | 14.31 -0.90 0.00 | 14.20 -0.83 0.00 | 15.50 -0.79 0.00 | 15.98 -0.80 0.00 | 18.30 -1.12 0.00 | 21.16 -1.55 0.00 | 24.81 -1.77 0.00 | 29.74 -2.12 0.00 | 26.28 -2.35 0.00 | 23.12 -1.85 0.00 | 17.66 -1.39 0.00 | 15.55 -1.14 0.00 |
| MCINTYRE_115KV_TB2 80467 | 18.94 -0.12 0.00 | 17.50 -0.16 0.00 | 16.68 -0.17 0.00 | 17.50 -0.17 0.00 | 18.36 -0.08 0.00 | 18.52 -0.07 0.00 | 19.75 -0.12 0.00 | 18.93 -0.21 0.00 | 16.43 -0.22 0.00 | 14.24 -0.20 0.00 | 14.88 -0.21 0.00 | 15.78 -0.21 0.00 | 15.02 -0.19 0.00 | 14.87 -0.17 0.00 | 16.13 -0.16 0.00 | 16.74 -0.04 0.00 | 19.42 0.01 0.00 | 22.83 0.11 0.00 | 26.68 0.10 0.00 | 32.02 0.16 0.00 | 28.97 0.34 0.00 | 25.30 0.33 0.00 | 19.25 0.20 0.00 | 16.82 0.13 0.00 |
| MECO____69_KV_BK1 80468 | 21.16 2.10 0.00 | 19.57 1.91 0.00 | 18.62 1.77 0.00 | 19.50 1.83 0.00 | 20.49 2.06 0.00 | 20.78 2.19 0.00 | 22.11 2.23 0.00 | 20.91 1.77 0.00 | 17.77 1.12 0.00 | 15.02 0.58 0.00 | 15.41 0.33 0.00 | 16.53 0.53 0.00 | 15.57 0.36 0.00 | 15.40 0.36 0.00 | 16.83 0.54 0.00 | 17.87 1.09 0.00 | 21.30 1.89 0.00 | 25.31 2.60 0.00 | 29.79 3.21 0.00 | 35.88 4.01 0.00 | 32.22 3.59 0.00 | 28.01 3.05 0.00 | 21.30 2.26 0.00 | 18.63 1.94 0.00 |
| MENANDS___115KV_TB5 355628 | 19.42 0.36 0.00 | 18.00 0.34 0.00 | 17.20 0.35 0.00 | 18.04 0.37 0.00 | 18.78 0.34 0.00 | 18.94 0.35 0.00 | 20.28 0.40 0.00 | 19.51 0.37 0.00 | 16.95 0.30 0.00 | 14.71 0.27 0.00 | 15.31 0.22 0.00 | 16.19 0.19 0.00 | 15.43 0.22 0.00 | 15.22 0.19 0.00 | 16.45 0.16 0.00 | 16.94 0.17 0.00 | 19.67 0.25 0.00 | 23.01 0.30 0.00 | 26.99 0.41 0.00 | 32.36 0.49 0.00 | 29.08 0.46 0.00 | 25.34 0.37 0.00 | 19.32 0.27 0.00 | 16.96 0.26 0.00 |
| MG INDUSTRY___DRP 24185 | 19.37 0.31 0.00 | 17.96 0.30 0.00 | 17.16 0.31 0.00 | 17.99 0.33 0.00 | 18.74 0.30 0.00 | 18.91 0.32 0.00 | 20.23 0.35 0.00 | 19.42 0.28 0.00 | 16.83 0.18 0.00 | 14.59 0.15 0.00 | 15.18 0.09 0.00 | 16.05 0.05 0.00 | 15.30 0.09 0.00 | 15.11 0.07 0.00 | 16.32 0.03 0.00 | 16.80 0.03 0.00 | 19.56 0.15 0.00 | 22.96 0.25 0.00 | 26.97 0.39 0.00 | 32.33 0.46 0.00 | 29.05 0.42 0.00 | 25.32 0.35 0.00 | 19.31 0.25 0.00 | 16.94 0.24 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 18.42 -0.64 0.00 | 16.97 -0.69 0.00 | 16.15 -0.70 0.00 | 16.96 -0.71 0.00 | 17.82 -0.62 0.00 | 18.06 -0.53 0.00 | 19.32 -0.55 0.00 | 18.54 -0.60 0.00 | 16.14 -0.51 0.00 | 13.94 -0.50 0.00 | 14.44 -0.65 0.00 | 15.24 -0.75 0.00 | 14.52 -0.69 0.00 | 14.39 -0.65 0.00 | 15.70 -0.59 0.00 | 16.20 -0.58 0.00 | 18.68 -0.73 0.00 | 22.01 -0.71 0.00 | 25.84 -0.74 0.00 | 31.05 -0.82 0.00 | 27.94 -0.69 0.00 | 24.41 -0.56 0.00 | 18.56 -0.48 0.00 | 16.22 -0.47 0.00 |

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| MID___RAQUETTE_HYD 23851 | 18.34 -0.72 0.00 | 16.94 -0.72 0.00 | 16.15 -0.70 0.00 | 16.96 -0.71 0.00 | 17.80 -0.64 0.00 | 17.96 -0.64 0.00 | 19.17 -0.71 0.00 | 18.43 -0.71 0.00 | 16.06 -0.59 0.00 | 13.93 -0.51 0.00 | 14.54 -0.55 0.00 | 15.40 -0.59 0.00 | 14.64 -0.57 0.00 | 14.49 -0.55 0.00 | 15.72 -0.57 0.00 | 16.23 -0.55 0.00 | 18.79 -0.62 0.00 | 22.10 -0.61 0.00 | 25.85 -0.73 0.00 | 31.03 -0.83 0.00 | 28.06 -0.56 0.00 | 24.50 -0.47 0.00 | 18.64 -0.40 0.00 | 16.29 -0.41 0.00 |
| MILLIKEN___1 23584 | 19.32 0.26 0.00 | 17.93 0.27 0.00 | 17.11 0.26 0.00 | 17.92 0.26 0.00 | 18.68 0.23 0.00 | 18.83 0.24 0.00 | 20.09 0.22 0.00 | 19.35 0.22 0.00 | 16.78 0.13 0.00 | 14.51 0.07 0.00 | 15.20 0.12 0.00 | 16.15 0.15 0.00 | 15.41 0.20 0.00 | 15.29 0.25 0.00 | 16.57 0.28 0.00 | 16.96 0.18 0.00 | 19.54 0.13 0.00 | 22.88 0.17 0.00 | 26.77 0.19 0.00 | 32.08 0.21 0.00 | 28.71 0.09 0.00 | 25.05 0.08 0.00 | 19.13 0.08 0.00 | 16.76 0.07 0.00 |
| MILLIKEN___2 23585 | 19.32 0.26 0.00 | 17.93 0.27 0.00 | 17.11 0.26 0.00 | 17.92 0.26 0.00 | 18.68 0.23 0.00 | 18.83 0.24 0.00 | 20.09 0.22 0.00 | 19.35 0.22 0.00 | 16.78 0.13 0.00 | 14.51 0.07 0.00 | 15.20 0.12 0.00 | 16.15 0.15 0.00 | 15.41 0.20 0.00 | 15.29 0.25 0.00 | 16.57 0.28 0.00 | 16.96 0.18 0.00 | 19.54 0.13 0.00 | 22.88 0.17 0.00 | 26.77 0.19 0.00 | 32.08 0.21 0.00 | 28.71 0.09 0.00 | 25.05 0.08 0.00 | 19.13 0.08 0.00 | 16.76 0.07 0.00 |
| MILLIKEN___DIESEL 23629 | 19.32 0.26 0.00 | 17.93 0.27 0.00 | 17.11 0.26 0.00 | 17.92 0.26 0.00 | 18.68 0.23 0.00 | 18.83 0.24 0.00 | 20.09 0.22 0.00 | 19.35 0.22 0.00 | 16.78 0.13 0.00 | 14.51 0.07 0.00 | 15.20 0.12 0.00 | 16.15 0.15 0.00 | 15.41 0.20 0.00 | 15.29 0.25 0.00 | 16.57 0.28 0.00 | 16.96 0.18 0.00 | 19.54 0.13 0.00 | 22.88 0.17 0.00 | 26.77 0.19 0.00 | 32.08 0.21 0.00 | 28.71 0.09 0.00 | 25.05 0.08 0.00 | 19.13 0.08 0.00 | 16.76 0.07 0.00 |
| MILLSEAT___LFGE 323607 | 18.43 -0.62 0.00 | 17.18 -0.48 0.00 | 16.36 -0.49 0.00 | 17.09 -0.58 0.00 | 17.81 -0.63 0.00 | 17.92 -0.67 0.00 | 18.88 -0.99 0.00 | 18.14 -1.00 0.00 | 15.88 -0.77 0.00 | 13.86 -0.58 0.00 | 14.71 -0.37 0.00 | 15.72 -0.28 0.00 | 14.91 -0.30 0.00 | 14.81 -0.22 0.00 | 16.06 -0.23 0.00 | 16.45 -0.33 0.00 | 18.94 -0.48 0.00 | 21.73 -0.98 0.00 | 25.33 -1.24 0.00 | 30.37 -1.50 0.00 | 26.92 -1.71 0.00 | 23.66 -1.31 0.00 | 18.17 -0.88 0.00 | 16.05 -0.64 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 20.12 1.07 0.00 | 18.66 1.01 0.00 | 17.83 0.98 0.00 | 18.69 1.03 0.00 | 19.43 0.99 0.00 | 19.58 0.98 0.00 | 21.03 1.16 0.00 | 20.31 1.17 0.00 | 17.68 1.03 0.00 | 15.34 0.90 0.00 | 15.95 0.86 0.00 | 16.87 0.87 0.00 | 16.02 0.81 0.00 | 15.80 0.77 0.00 | 17.13 0.84 0.00 | 17.68 0.90 0.00 | 20.51 1.10 0.00 | 24.04 1.33 0.00 | 28.17 1.59 0.00 | 33.78 1.92 0.00 | 30.33 1.70 0.00 | 26.40 1.42 0.00 | 20.12 1.08 0.00 | 17.57 0.88 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 20.16 1.10 0.00 | 18.69 1.04 0.00 | 17.86 1.01 0.00 | 18.73 1.06 0.00 | 19.47 1.03 0.00 | 19.61 1.02 0.00 | 21.07 1.19 0.00 | 20.35 1.21 0.00 | 17.71 1.06 0.00 | 15.37 0.93 0.00 | 15.98 0.89 0.00 | 16.90 0.90 0.00 | 16.04 0.83 0.00 | 15.83 0.80 0.00 | 17.16 0.87 0.00 | 17.71 0.94 0.00 | 20.55 1.14 0.00 | 24.09 1.38 0.00 | 28.23 1.65 0.00 | 33.85 1.99 0.00 | 30.39 1.76 0.00 | 26.45 1.48 0.00 | 20.16 1.12 0.00 | 17.61 0.91 0.00 |
| MODEL_CITY_ENERGY 24167 | 17.89 -1.17 0.00 | 16.70 -0.96 0.00 | 15.90 -0.95 0.00 | 16.61 -1.06 0.00 | 17.29 -1.15 0.00 | 17.39 -1.20 0.00 | 18.26 -1.61 0.00 | 17.52 -1.61 0.00 | 15.37 -1.28 0.00 | 13.40 -1.04 0.00 | 14.24 -0.85 0.00 | 15.22 -0.77 0.00 | 14.49 -0.72 0.00 | 14.41 -0.63 0.00 | 15.62 -0.67 0.00 | 16.00 -0.77 0.00 | 18.35 -1.06 0.00 | 21.06 -1.66 0.00 | 24.54 -2.04 0.00 | 29.34 -2.52 0.00 | 25.95 -2.67 0.00 | 22.84 -2.13 0.00 | 17.59 -1.46 0.00 | 15.58 -1.11 0.00 |
| MODERN_LFGE___ 323580 | 17.89 -1.17 0.00 | 16.70 -0.96 0.00 | 15.90 -0.95 0.00 | 16.61 -1.06 0.00 | 17.29 -1.15 0.00 | 17.39 -1.20 0.00 | 18.26 -1.61 0.00 | 17.52 -1.61 0.00 | 15.37 -1.28 0.00 | 13.40 -1.04 0.00 | 14.24 -0.85 0.00 | 15.22 -0.77 0.00 | 14.49 -0.72 0.00 | 14.41 -0.63 0.00 | 15.62 -0.67 0.00 | 16.00 -0.77 0.00 | 18.35 -1.06 0.00 | 21.06 -1.66 0.00 | 24.54 -2.04 0.00 | 29.34 -2.52 0.00 | 25.95 -2.67 0.00 | 22.84 -2.13 0.00 | 17.59 -1.46 0.00 | 15.58 -1.11 0.00 |
| MOHAWK_PAPER___DRP 24187 | 19.48 0.42 0.00 | 18.04 0.39 0.00 | 17.24 0.40 0.00 | 18.08 0.41 0.00 | 18.83 0.39 0.00 | 18.99 0.40 0.00 | 20.33 0.46 0.00 | 19.56 0.42 0.00 | 16.99 0.34 0.00 | 14.73 0.29 0.00 | 15.33 0.24 0.00 | 16.21 0.21 0.00 | 15.45 0.24 0.00 | 15.24 0.21 0.00 | 16.48 0.19 0.00 | 16.98 0.20 0.00 | 19.71 0.30 0.00 | 23.09 0.38 0.00 | 27.08 0.50 0.00 | 32.47 0.60 0.00 | 29.19 0.56 0.00 | 25.43 0.46 0.00 | 19.38 0.34 0.00 | 17.00 0.31 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 19.67 0.61 0.00 | 18.20 0.54 0.00 | 17.43 0.59 0.00 | 18.33 0.66 0.00 | 19.06 0.63 0.00 | 19.22 0.63 0.00 | 20.63 0.75 0.00 | 19.81 0.67 0.00 | 17.12 0.48 0.00 | 14.71 0.27 0.00 | 15.22 0.13 0.00 | 16.09 0.09 0.00 | 15.34 0.13 0.00 | 15.10 0.06 0.00 | 16.36 0.07 0.00 | 16.92 0.14 0.00 | 19.76 0.35 0.00 | 23.37 0.66 0.00 | 27.62 1.04 0.00 | 33.09 1.22 0.00 | 29.74 1.11 0.00 | 25.87 0.90 0.00 | 19.63 0.59 0.00 | 17.17 0.48 0.00 |
| MONGAUP___HYD 23641 | 20.22 1.17 0.00 | 18.72 1.07 0.00 | 17.87 1.02 0.00 | 18.75 1.09 0.00 | 19.50 1.06 0.00 | 19.67 1.08 0.00 | 21.12 1.25 0.00 | 20.26 1.12 0.00 | 17.56 0.91 0.00 | 15.18 0.73 0.00 | 15.71 0.63 0.00 | 16.62 0.62 0.00 | 15.78 0.57 0.00 | 15.58 0.54 0.00 | 16.90 0.62 0.00 | 17.56 0.78 0.00 | 20.43 1.02 0.00 | 24.04 1.33 0.00 | 28.15 1.57 0.00 | 33.92 2.05 0.00 | 30.45 1.83 0.00 | 26.50 1.53 0.00 | 20.19 1.14 0.00 | 17.69 0.99 0.00 |
| MONTAUK___DIESEL 23721 | 20.93 1.87 0.00 | 19.56 1.90 0.00 | 18.69 1.84 0.00 | 19.56 1.90 0.00 | 20.39 1.96 0.00 | 20.69 2.10 0.00 | 22.33 2.46 0.00 | 21.53 2.39 0.00 | 18.60 1.96 0.00 | 15.97 1.53 0.00 | 16.47 1.38 0.00 | 17.61 1.61 0.00 | 16.57 1.36 0.00 | 103.11 0.97 -87.10 | 30.02 1.07 -12.66 | 48.45 1.38 -30.29 | 26.88 1.51 -5.96 | 26.07 1.83 -1.53 | 55.26 2.37 -26.32 | 57.02 2.86 -22.30 | 51.27 2.50 -20.15 | 34.31 2.05 -7.29 | 31.79 1.56 -11.18 | 31.06 1.15 -13.22 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 18.15 -0.91 0.00 | 16.95 -0.71 0.00 | 16.11 -0.73 0.00 | 16.81 -0.86 0.00 | 17.49 -0.95 0.00 | 17.60 -0.99 0.00 | 18.56 -1.31 0.00 | 17.88 -1.25 0.00 | 15.65 -1.00 0.00 | 13.76 -0.68 0.00 | 14.54 -0.55 0.00 | 15.51 -0.49 0.00 | 14.72 -0.50 0.00 | 14.63 -0.41 0.00 | 15.91 -0.38 0.00 | 16.36 -0.42 0.00 | 18.81 -0.60 0.00 | 21.59 -1.12 0.00 | 25.20 -1.38 0.00 | 30.19 -1.67 0.00 | 26.36 -2.27 0.00 | 23.20 -1.77 0.00 | 17.87 -1.18 0.00 | 15.65 -1.04 0.00 |
| MORTIMER_115KV_TB3 55949 | 18.54 -0.52 0.00 | 17.24 -0.42 0.00 | 16.43 -0.42 0.00 | 17.18 -0.49 0.00 | 17.92 -0.52 0.00 | 18.05 -0.54 0.00 | 19.12 -0.76 0.00 | 18.38 -0.75 0.00 | 16.05 -0.59 0.00 | 13.97 -0.47 0.00 | 14.77 -0.32 0.00 | 15.75 -0.25 0.00 | 14.98 -0.23 0.00 | 14.85 -0.19 0.00 | 16.10 -0.19 0.00 | 16.49 -0.29 0.00 | 19.01 -0.40 0.00 | 21.99 -0.72 0.00 | 25.65 -0.93 0.00 | 30.73 -1.14 0.00 | 27.34 -1.29 0.00 | 23.95 -1.02 0.00 | 18.34 -0.70 0.00 | 16.16 -0.54 0.00 |

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| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 20.24 1.18 0.00 | 18.77 1.11 0.00 | 17.92 1.08 0.00 | 18.79 1.12 0.00 | 19.52 1.09 0.00 | 19.67 1.08 0.00 | 21.13 1.26 0.00 | 20.43 1.29 0.00 | 17.80 1.15 0.00 | 15.47 1.03 0.00 | 16.07 0.98 0.00 | 16.99 0.99 0.00 | 16.14 0.92 0.00 | 15.92 0.88 0.00 | 17.26 0.97 0.00 | 17.80 1.03 0.00 | 20.63 1.22 0.00 | 24.17 1.46 0.00 | 28.31 1.73 0.00 | 33.92 2.06 0.00 | 30.48 1.86 0.00 | 26.53 1.56 0.00 | 20.25 1.21 0.00 | 17.68 0.99 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 20.02 0.96 0.00 | 18.53 0.87 0.00 | 17.65 0.80 0.00 | 18.47 0.80 0.00 | 19.19 0.75 0.00 | 19.46 0.87 0.00 | 20.65 0.77 0.00 | 19.79 0.65 0.00 | 17.08 0.43 0.00 | 14.63 0.19 0.00 | 15.22 0.13 0.00 | 16.06 0.06 0.00 | 15.46 0.25 0.00 | 15.36 0.32 0.00 | 16.81 0.52 0.00 | 17.36 0.58 0.00 | 19.98 0.56 0.00 | 23.46 0.74 0.00 | 27.69 1.11 0.00 | 33.10 1.23 0.00 | 29.64 1.01 0.00 | 25.77 0.81 0.00 | 19.66 0.61 0.00 | 17.26 0.56 0.00 |
| N SALMON___HYD 24042 | 18.79 -0.27 0.00 | 17.38 -0.28 0.00 | 16.63 -0.22 0.00 | 17.54 -0.13 0.00 | 18.39 -0.05 0.00 | 18.49 -0.10 0.00 | 19.71 -0.16 0.00 | 19.09 -0.05 0.00 | 16.73 0.08 0.00 | 14.57 0.13 0.00 | 15.25 0.17 0.00 | 16.12 0.12 0.00 | 15.20 -0.01 0.00 | 15.01 -0.03 0.00 | 16.24 -0.05 0.00 | 16.72 -0.05 0.00 | 19.47 0.05 0.00 | 23.00 0.28 0.00 | 26.94 0.36 0.00 | 32.46 0.59 0.00 | 29.36 0.73 0.00 | 25.60 0.63 0.00 | 19.44 0.39 0.00 | 16.88 0.18 0.00 |
| N.AKRON___115KV_KNAPP 355671 | 18.36 -0.70 0.00 | 17.12 -0.54 0.00 | 16.29 -0.56 0.00 | 17.02 -0.64 0.00 | 17.74 -0.71 0.00 | 17.85 -0.75 0.00 | 18.78 -1.10 0.00 | 18.04 -1.10 0.00 | 15.80 -0.84 0.00 | 13.79 -0.65 0.00 | 14.65 -0.44 0.00 | 15.65 -0.35 0.00 | 14.87 -0.34 0.00 | 14.76 -0.28 0.00 | 16.01 -0.28 0.00 | 16.37 -0.41 0.00 | 18.86 -0.55 0.00 | 21.63 -1.08 0.00 | 25.21 -1.37 0.00 | 30.21 -1.66 0.00 | 26.76 -1.86 0.00 | 23.53 -1.44 0.00 | 18.08 -0.96 0.00 | 15.98 -0.71 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 20.39 1.34 0.00 | 18.94 1.28 0.00 | 18.09 1.24 0.00 | 18.95 1.28 0.00 | 19.71 1.27 0.00 | 19.84 1.25 0.00 | 21.36 1.48 0.00 | 20.62 1.49 0.00 | 17.89 1.24 0.00 | 15.47 1.03 0.00 | 16.10 1.02 0.00 | 17.13 1.13 0.00 | 16.22 1.00 0.00 | 103.12 0.98 -87.10 | 30.07 1.16 -12.63 | 48.35 1.28 -30.29 | 26.92 1.55 -5.96 | 26.10 1.85 -1.53 | 55.11 2.21 -26.32 | 56.81 2.65 -22.30 | 51.13 2.36 -20.15 | 34.27 2.01 -7.29 | 31.75 1.53 -11.18 | 31.13 1.21 -13.22 |
| N.E_GEN_SANDY PD 24062 | 23.04 0.82 -3.17 | 18.43 0.78 0.00 | 19.29 0.79 -1.66 | 19.65 0.84 -1.14 | 19.53 0.81 -0.28 | 28.70 0.78 -9.32 | 36.22 0.91 -15.44 | 28.34 0.89 -8.31 | 17.59 0.73 -0.21 | 14.96 0.58 0.05 | 15.61 0.52 0.00 | 16.50 0.50 0.00 | 15.71 0.49 0.00 | 15.46 0.43 0.00 | 16.74 0.45 0.00 | 17.27 0.49 0.00 | 19.89 0.64 0.16 | 23.94 0.87 -0.36 | 27.66 1.09 0.00 | 33.47 1.38 -0.23 | 32.26 1.24 -2.40 | 28.05 1.05 -2.03 | 19.84 0.79 0.00 | 16.61 0.66 0.74 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 20.14 1.08 0.00 | 18.66 1.00 0.00 | 17.82 0.98 0.00 | 18.70 1.03 0.00 | 19.44 1.00 0.00 | 19.59 1.00 0.00 | 21.04 1.17 0.00 | 20.32 1.18 0.00 | 17.68 1.03 0.00 | 15.34 0.90 0.00 | 15.95 0.87 0.00 | 16.88 0.88 0.00 | 16.03 0.82 0.00 | 15.80 0.77 0.00 | 17.13 0.84 0.00 | 17.68 0.90 0.00 | 20.53 1.12 0.00 | 24.07 1.36 0.00 | 28.19 1.61 0.00 | 33.82 1.95 0.00 | 30.33 1.70 0.00 | 26.37 1.40 0.00 | 20.10 1.05 0.00 | 17.54 0.85 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 20.28 1.22 0.00 | 18.80 1.15 0.00 | 17.94 1.10 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.66 1.07 0.00 | 21.14 1.26 0.00 | 20.46 1.33 0.00 | 17.86 1.21 0.00 | 15.53 1.09 0.00 | 16.09 1.00 0.00 | 16.99 0.99 0.00 | 16.19 0.97 0.00 | 15.96 0.93 0.00 | 17.25 0.97 0.00 | 17.82 1.04 0.00 | 20.61 1.20 0.00 | 24.16 1.45 0.00 | 28.32 1.74 0.00 | 33.91 2.04 0.00 | 30.50 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.71 1.02 0.00 |
| N.TROY___115KV_TB1 355778 | 19.55 0.49 0.00 | 18.11 0.46 0.00 | 17.33 0.48 0.00 | 18.18 0.51 0.00 | 18.93 0.49 0.00 | 19.08 0.49 0.00 | 20.44 0.57 0.00 | 19.65 0.51 0.00 | 17.03 0.38 0.00 | 14.70 0.27 0.00 | 15.29 0.20 0.00 | 16.17 0.18 0.00 | 15.43 0.22 0.00 | 15.21 0.17 0.00 | 16.45 0.16 0.00 | 16.97 0.19 0.00 | 19.71 0.29 0.00 | 23.16 0.45 0.00 | 27.16 0.59 0.00 | 32.61 0.74 0.00 | 29.30 0.67 0.00 | 25.54 0.57 0.00 | 19.46 0.41 0.00 | 17.06 0.37 0.00 |
| NARROWS_GT1_1 24228 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT1_2 24229 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT1_3 24230 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT1_4 24231 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT1_5 24232 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT1_6 24233 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_7 24234 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT1_8 24235 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT2_1 24236 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT2_2 24237 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT2_3 24238 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT2_4 24239 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT2_5 24240 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT2_6 24241 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT2_7 24242 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NARROWS_GT2_8 24243 | 20.35 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 19.59 0.53 0.00 | 18.14 0.48 0.00 | 17.33 0.48 0.00 | 18.18 0.51 0.00 | 18.95 0.51 0.00 | 19.14 0.54 0.00 | 20.48 0.60 0.00 | 19.64 0.51 0.00 | 16.96 0.31 0.00 | 14.65 0.21 0.00 | 15.19 0.10 0.00 | 16.02 0.03 0.00 | 15.32 0.11 0.00 | 15.14 0.11 0.00 | 16.31 0.02 0.00 | 16.80 0.02 0.00 | 19.63 0.22 0.00 | 23.12 0.40 0.00 | 27.34 0.76 0.00 | 32.85 0.98 0.00 | 29.51 0.89 0.00 | 25.69 0.73 0.00 | 19.55 0.51 0.00 | 17.15 0.46 0.00 |
| NCHELSEA_115KV_TR2 355582 | 20.33 1.27 0.00 | 18.84 1.18 0.00 | 17.99 1.14 0.00 | 18.87 1.20 0.00 | 19.63 1.19 0.00 | 19.79 1.20 0.00 | 21.25 1.37 0.00 | 20.51 1.37 0.00 | 17.82 1.18 0.00 | 15.43 1.00 0.00 | 16.05 0.97 0.00 | 16.98 0.98 0.00 | 16.11 0.90 0.00 | 15.91 0.87 0.00 | 17.26 0.96 0.00 | 17.82 1.04 0.00 | 20.71 1.30 0.00 | 24.32 1.60 0.00 | 28.52 1.94 0.00 | 34.22 2.35 0.00 | 30.71 2.08 0.00 | 26.71 1.74 0.00 | 20.34 1.29 0.00 | 17.76 1.06 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 19.70 0.65 0.00 | 18.25 0.59 0.00 | 17.45 0.60 0.00 | 18.32 0.65 0.00 | 19.07 0.63 0.00 | 19.24 0.65 0.00 | 20.62 0.75 0.00 | 19.81 0.67 0.00 | 17.15 0.51 0.00 | 14.80 0.36 0.00 | 15.36 0.28 0.00 | 16.26 0.26 0.00 | 15.50 0.29 0.00 | 15.27 0.23 0.00 | 16.53 0.24 0.00 | 17.09 0.31 0.00 | 19.89 0.47 0.00 | 23.42 0.71 0.00 | 27.52 0.94 0.00 | 33.02 1.15 0.00 | 29.65 1.03 0.00 | 25.83 0.86 0.00 | 19.65 0.60 0.00 | 17.21 0.51 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 18.28 -0.78 0.00 | 16.99 -0.67 0.00 | 16.19 -0.66 0.00 | 16.94 -0.72 0.00 | 17.67 -0.77 0.00 | 17.81 -0.78 0.00 | 18.91 -0.97 0.00 | 18.19 -0.95 0.00 | 15.86 -0.79 0.00 | 13.78 -0.65 0.00 | 14.54 -0.55 0.00 | 15.48 -0.52 0.00 | 14.74 -0.47 0.00 | 14.62 -0.42 0.00 | 15.84 -0.45 0.00 | 16.25 -0.53 0.00 | 18.71 -0.70 0.00 | 21.70 -1.02 0.00 | 25.31 -1.27 0.00 | 30.31 -1.56 0.00 | 27.03 -1.59 0.00 | 23.64 -1.33 0.00 | 18.08 -0.97 0.00 | 15.91 -0.79 0.00 |
| NEG CENTRAL___DRP 24199 | 19.03 -0.03 0.00 | 17.68 0.02 0.00 | 16.85 0.00 0.00 | 17.63 -0.04 0.00 | 18.36 -0.07 0.00 | 18.51 -0.08 0.00 | 19.73 -0.15 0.00 | 19.02 -0.12 0.00 | 16.51 -0.13 0.00 | 14.30 -0.14 0.00 | 15.04 -0.05 0.00 | 15.97 -0.03 0.00 | 15.25 0.04 0.00 | 15.12 0.08 0.00 | 16.39 0.10 0.00 | 16.70 -0.07 0.00 | 19.20 -0.21 0.00 | 22.38 -0.33 0.00 | 26.13 -0.45 0.00 | 31.27 -0.60 0.00 | 27.99 -0.63 0.00 | 24.46 -0.51 0.00 | 18.68 -0.37 0.00 | 16.40 -0.29 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG CENTRAL___INDECK 23768 | 18.80 -0.26 0.00 | 17.49 -0.17 0.00 | 16.66 -0.19 0.00 | 17.40 -0.27 0.00 | 18.10 -0.34 0.00 | 18.24 -0.35 0.00 | 19.36 -0.52 0.00 | 18.64 -0.50 0.00 | 16.18 -0.46 0.00 | 13.99 -0.44 0.00 | 14.95 -0.14 0.00 | 15.89 -0.11 0.00 | 14.99 -0.22 0.00 | 14.79 -0.24 0.00 | 16.21 -0.08 0.00 | 16.55 -0.22 0.00 | 19.05 -0.37 0.00 | 22.06 -0.65 0.00 | 25.81 -0.77 0.00 | 31.18 -0.69 0.00 | 27.73 -0.89 0.00 | 24.32 -0.65 0.00 | 18.59 -0.46 0.00 | 16.36 -0.34 0.00 |
| NEG CENTRAL___SENECA 23627 | 18.94 -0.12 0.00 | 17.60 -0.06 0.00 | 16.76 -0.09 0.00 | 17.51 -0.16 0.00 | 18.24 -0.20 0.00 | 18.39 -0.20 0.00 | 19.59 -0.28 0.00 | 18.88 -0.26 0.00 | 16.39 -0.26 0.00 | 14.21 -0.23 0.00 | 14.98 -0.11 0.00 | 15.90 -0.10 0.00 | 15.17 -0.05 0.00 | 15.04 0.00 0.00 | 16.31 0.02 0.00 | 16.72 -0.06 0.00 | 19.23 -0.18 0.00 | 22.39 -0.32 0.00 | 26.15 -0.43 0.00 | 31.25 -0.62 0.00 | 27.95 -0.68 0.00 | 24.46 -0.51 0.00 | 18.67 -0.38 0.00 | 16.41 -0.28 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 19.27 0.20 0.00 | 17.90 0.25 0.00 | 17.08 0.23 0.00 | 17.89 0.22 0.00 | 18.66 0.22 0.00 | 18.80 0.20 0.00 | 20.02 0.15 0.00 | 19.32 0.18 0.00 | 16.76 0.11 0.00 | 14.48 0.04 0.00 | 15.19 0.10 0.00 | 16.14 0.14 0.00 | 15.45 0.24 0.00 | 15.31 0.27 0.00 | 16.59 0.29 0.00 | 16.82 0.04 0.00 | 19.36 -0.05 0.00 | 22.63 -0.09 0.00 | 26.36 -0.22 0.00 | 31.62 -0.25 0.00 | 28.35 -0.28 0.00 | 24.72 -0.24 0.00 | 18.90 -0.15 0.00 | 16.53 -0.17 0.00 |
| NEG MILLWOOD___DRP 24198 | 20.32 1.27 0.00 | 18.84 1.18 0.00 | 18.00 1.15 0.00 | 18.87 1.21 0.00 | 19.63 1.19 0.00 | 19.79 1.20 0.00 | 21.25 1.38 0.00 | 20.53 1.39 0.00 | 17.85 1.21 0.00 | 15.47 1.04 0.00 | 16.09 1.00 0.00 | 17.02 1.02 0.00 | 16.15 0.94 0.00 | 15.94 0.90 0.00 | 17.28 0.99 0.00 | 17.84 1.06 0.00 | 20.72 1.30 0.00 | 24.32 1.61 0.00 | 28.51 1.93 0.00 | 34.21 2.34 0.00 | 30.71 2.08 0.00 | 26.72 1.75 0.00 | 20.35 1.31 0.00 | 17.76 1.07 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 18.86 -0.20 0.00 | 17.43 -0.23 0.00 | 16.75 -0.09 0.00 | 17.76 0.09 0.00 | 18.63 0.19 0.00 | 18.70 0.11 0.00 | 19.94 0.07 0.00 | 19.38 0.24 0.00 | 17.05 0.40 0.00 | 14.93 0.49 0.00 | 15.66 0.57 0.00 | 16.51 0.51 0.00 | 15.50 0.29 0.00 | 15.19 0.16 0.00 | 16.41 0.13 0.00 | 16.93 0.15 0.00 | 19.74 0.32 0.00 | 23.53 0.82 0.00 | 27.61 1.03 0.00 | 33.36 1.50 0.00 | 30.16 1.53 0.00 | 26.22 1.25 0.00 | 19.83 0.78 0.00 | 17.15 0.46 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 18.75 -0.30 0.00 | 17.35 -0.31 0.00 | 16.61 -0.24 0.00 | 17.54 -0.13 0.00 | 18.39 -0.05 0.00 | 18.46 -0.13 0.00 | 19.66 -0.21 0.00 | 19.06 -0.07 0.00 | 16.73 0.09 0.00 | 14.61 0.17 0.00 | 15.32 0.23 0.00 | 16.19 0.19 0.00 | 15.24 0.03 0.00 | 15.03 -0.01 0.00 | 16.25 -0.04 0.00 | 16.73 -0.05 0.00 | 19.46 0.05 0.00 | 23.04 0.32 0.00 | 26.98 0.40 0.00 | 32.54 0.68 0.00 | 29.44 0.81 0.00 | 25.68 0.71 0.00 | 19.50 0.45 0.00 | 16.91 0.21 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 18.88 -0.18 0.00 | 17.46 -0.20 0.00 | 16.76 -0.09 0.00 | 17.76 0.09 0.00 | 18.62 0.18 0.00 | 18.70 0.11 0.00 | 19.94 0.07 0.00 | 19.38 0.24 0.00 | 17.04 0.40 0.00 | 14.91 0.47 0.00 | 15.64 0.55 0.00 | 16.47 0.48 0.00 | 15.47 0.26 0.00 | 15.18 0.14 0.00 | 16.40 0.11 0.00 | 16.90 0.13 0.00 | 19.71 0.30 0.00 | 23.48 0.77 0.00 | 27.56 0.98 0.00 | 33.30 1.44 0.00 | 30.11 1.48 0.00 | 26.19 1.22 0.00 | 19.82 0.77 0.00 | 17.14 0.45 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 18.88 -0.18 0.00 | 17.46 -0.20 0.00 | 16.76 -0.09 0.00 | 17.76 0.09 0.00 | 18.62 0.18 0.00 | 18.70 0.11 0.00 | 19.94 0.07 0.00 | 19.38 0.24 0.00 | 17.04 0.40 0.00 | 14.91 0.47 0.00 | 15.64 0.55 0.00 | 16.47 0.48 0.00 | 15.47 0.26 0.00 | 15.18 0.14 0.00 | 16.40 0.11 0.00 | 16.90 0.13 0.00 | 19.71 0.30 0.00 | 23.48 0.77 0.00 | 27.56 0.98 0.00 | 33.30 1.44 0.00 | 30.11 1.48 0.00 | 26.19 1.22 0.00 | 19.82 0.77 0.00 | 17.14 0.45 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 18.88 -0.18 0.00 | 17.46 -0.20 0.00 | 16.76 -0.09 0.00 | 17.76 0.09 0.00 | 18.62 0.18 0.00 | 18.70 0.11 0.00 | 19.94 0.07 0.00 | 19.38 0.24 0.00 | 17.04 0.40 0.00 | 14.91 0.47 0.00 | 15.64 0.55 0.00 | 16.47 0.48 0.00 | 15.47 0.26 0.00 | 15.18 0.14 0.00 | 16.40 0.11 0.00 | 16.90 0.13 0.00 | 19.71 0.30 0.00 | 23.48 0.77 0.00 | 27.56 0.98 0.00 | 33.30 1.44 0.00 | 30.11 1.48 0.00 | 26.19 1.22 0.00 | 19.82 0.77 0.00 | 17.14 0.45 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 18.08 -0.98 0.00 | 16.87 -0.79 0.00 | 16.06 -0.79 0.00 | 16.78 -0.89 0.00 | 17.47 -0.97 0.00 | 17.57 -1.02 0.00 | 18.47 -1.40 0.00 | 17.72 -1.42 0.00 | 15.53 -1.12 0.00 | 13.54 -0.89 0.00 | 14.40 -0.68 0.00 | 15.40 -0.60 0.00 | 14.65 -0.57 0.00 | 14.57 -0.47 0.00 | 15.78 -0.51 0.00 | 16.14 -0.64 0.00 | 18.55 -0.86 0.00 | 21.30 -1.42 0.00 | 24.80 -1.78 0.00 | 29.68 -2.19 0.00 | 26.24 -2.39 0.00 | 23.09 -1.88 0.00 | 17.77 -1.27 0.00 | 15.74 -0.96 0.00 |
| NEG WEST___LANCASTR 23811 | 18.83 -0.23 0.00 | 17.57 -0.09 0.00 | 16.74 -0.11 0.00 | 17.50 -0.17 0.00 | 18.21 -0.23 0.00 | 18.32 -0.28 0.00 | 19.34 -0.53 0.00 | 18.59 -0.55 0.00 | 16.22 -0.43 0.00 | 14.11 -0.32 0.00 | 15.00 -0.09 0.00 | 16.00 0.00 0.00 | 15.23 0.02 0.00 | 15.16 0.13 0.00 | 16.45 0.16 0.00 | 16.86 0.08 0.00 | 19.37 -0.05 0.00 | 22.28 -0.43 0.00 | 25.96 -0.62 0.00 | 31.11 -0.76 0.00 | 27.45 -1.17 0.00 | 24.16 -0.80 0.00 | 18.57 -0.48 0.00 | 16.43 -0.27 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 19.06 0.00 0.00 | 17.70 0.05 0.00 | 16.91 0.06 0.00 | 17.71 0.04 0.00 | 18.42 -0.02 0.00 | 18.57 -0.02 0.00 | 19.83 -0.04 0.00 | 19.11 -0.03 0.00 | 16.59 -0.05 0.00 | 14.40 -0.05 0.00 | 15.12 0.03 0.00 | 16.02 0.03 0.00 | 15.25 0.04 0.00 | 15.12 0.09 0.00 | 16.42 0.13 0.00 | 16.90 0.12 0.00 | 19.48 0.06 0.00 | 22.71 0.00 0.00 | 26.58 0.00 0.00 | 31.87 0.00 0.00 | 28.41 -0.22 0.00 | 24.84 -0.13 0.00 | 18.98 -0.06 0.00 | 16.69 -0.01 0.00 |
| NEG___GEN_MONROE 24207 | 18.64 -0.42 0.00 | 17.35 -0.31 0.00 | 16.52 -0.33 0.00 | 17.28 -0.39 0.00 | 18.02 -0.42 0.00 | 18.15 -0.45 0.00 | 19.21 -0.67 0.00 | 18.46 -0.67 0.00 | 16.13 -0.52 0.00 | 14.05 -0.39 0.00 | 14.86 -0.23 0.00 | 15.84 -0.15 0.00 | 15.06 -0.15 0.00 | 14.94 -0.10 0.00 | 16.19 -0.10 0.00 | 16.58 -0.20 0.00 | 19.13 -0.29 0.00 | 22.09 -0.62 0.00 | 25.76 -0.82 0.00 | 30.88 -0.98 0.00 | 27.46 -1.16 0.00 | 24.07 -0.90 0.00 | 18.44 -0.61 0.00 | 16.24 -0.45 0.00 |
| NEPA___ENERGY 23901 | 18.52 -0.54 0.00 | 17.29 -0.37 0.00 | 16.49 -0.36 0.00 | 17.25 -0.41 0.00 | 17.91 -0.53 0.00 | 18.02 -0.57 0.00 | 19.08 -0.79 0.00 | 18.38 -0.75 0.00 | 16.00 -0.65 0.00 | 13.96 -0.48 0.00 | 14.84 -0.25 0.00 | 15.76 -0.24 0.00 | 15.01 -0.20 0.00 | 14.93 -0.10 0.00 | 16.23 -0.06 0.00 | 16.66 -0.12 0.00 | 19.12 -0.29 0.00 | 22.01 -0.71 0.00 | 25.68 -0.90 0.00 | 30.81 -1.06 0.00 | 27.09 -1.54 0.00 | 23.84 -1.13 0.00 | 18.31 -0.73 0.00 | 16.18 -0.51 0.00 |
| NEVERSINK___HYD 23608 | 19.89 0.83 0.00 | 18.42 0.76 0.00 | 17.59 0.74 0.00 | 18.45 0.79 0.00 | 19.20 0.76 0.00 | 19.36 0.77 0.00 | 20.79 0.91 0.00 | 20.07 0.93 0.00 | 17.41 0.76 0.00 | 15.03 0.59 0.00 | 15.60 0.52 0.00 | 16.51 0.51 0.00 | 15.66 0.45 0.00 | 15.47 0.43 0.00 | 16.82 0.53 0.00 | 17.38 0.60 0.00 | 20.22 0.81 0.00 | 23.77 1.06 0.00 | 27.88 1.30 0.00 | 33.48 1.62 0.00 | 30.05 1.43 0.00 | 26.16 1.19 0.00 | 19.92 0.87 0.00 | 17.38 0.68 0.00 |

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| NEWKRMKL_115KV_TB1 55635 | 19.19 0.13 0.00 | 17.79 0.13 0.00 | 16.99 0.14 0.00 | 17.82 0.15 0.00 | 18.56 0.12 0.00 | 18.72 0.13 0.00 | 20.04 0.17 0.00 | 19.29 0.15 0.00 | 16.77 0.12 0.00 | 14.63 0.19 0.00 | 15.21 0.12 0.00 | 16.06 0.06 0.00 | 15.34 0.13 0.00 | 15.14 0.10 0.00 | 16.31 0.02 0.00 | 16.79 0.01 0.00 | 19.49 0.08 0.00 | 22.83 0.11 0.00 | 26.76 0.19 0.00 | 32.08 0.21 0.00 | 28.83 0.20 0.00 | 25.11 0.14 0.00 | 19.13 0.08 0.00 | 16.80 0.10 0.00 |
| NEWTON___FALLS_HYD 23847 | 18.42 -0.64 0.00 | 16.97 -0.69 0.00 | 16.15 -0.70 0.00 | 16.96 -0.71 0.00 | 17.82 -0.62 0.00 | 18.06 -0.53 0.00 | 19.32 -0.55 0.00 | 18.54 -0.60 0.00 | 16.14 -0.51 0.00 | 13.94 -0.50 0.00 | 14.44 -0.65 0.00 | 15.24 -0.75 0.00 | 14.52 -0.69 0.00 | 14.39 -0.65 0.00 | 15.70 -0.59 0.00 | 16.20 -0.58 0.00 | 18.68 -0.73 0.00 | 22.01 -0.71 0.00 | 25.84 -0.74 0.00 | 31.05 -0.82 0.00 | 27.94 -0.69 0.00 | 24.41 -0.56 0.00 | 18.56 -0.48 0.00 | 16.22 -0.47 0.00 |
| NGRID_A1_DSASP 323792 | 17.82 -1.24 0.00 | 16.63 -1.02 0.00 | 15.84 -1.01 0.00 | 16.55 -1.12 0.00 | 17.24 -1.20 0.00 | 17.32 -1.27 0.00 | 18.18 -1.69 0.00 | 17.44 -1.70 0.00 | 15.28 -1.37 0.00 | 13.33 -1.11 0.00 | 14.26 -0.83 0.00 | 15.26 -0.74 0.00 | 14.52 -0.69 0.00 | 14.45 -0.59 0.00 | 15.68 -0.61 0.00 | 16.05 -0.73 0.00 | 18.34 -1.08 0.00 | 21.00 -1.71 0.00 | 24.45 -2.13 0.00 | 29.22 -2.64 0.00 | 25.83 -2.79 0.00 | 22.74 -2.23 0.00 | 17.51 -1.54 0.00 | 15.52 -1.17 0.00 |
| NGRID_A2_DSASP 323793 | 17.82 -1.24 0.00 | 16.63 -1.02 0.00 | 15.84 -1.01 0.00 | 16.55 -1.12 0.00 | 17.24 -1.20 0.00 | 17.32 -1.27 0.00 | 18.18 -1.69 0.00 | 17.44 -1.70 0.00 | 15.28 -1.37 0.00 | 13.33 -1.11 0.00 | 14.26 -0.83 0.00 | 15.26 -0.74 0.00 | 14.52 -0.69 0.00 | 14.45 -0.59 0.00 | 15.68 -0.61 0.00 | 16.05 -0.73 0.00 | 18.34 -1.08 0.00 | 21.00 -1.71 0.00 | 24.45 -2.13 0.00 | 29.22 -2.64 0.00 | 25.83 -2.79 0.00 | 22.74 -2.23 0.00 | 17.51 -1.54 0.00 | 15.52 -1.17 0.00 |
| NGRID_A4_DSASP 323807 | 17.82 -1.24 0.00 | 16.63 -1.02 0.00 | 15.84 -1.01 0.00 | 16.55 -1.12 0.00 | 17.24 -1.20 0.00 | 17.32 -1.27 0.00 | 18.18 -1.69 0.00 | 17.44 -1.70 0.00 | 15.28 -1.37 0.00 | 13.33 -1.11 0.00 | 14.26 -0.83 0.00 | 15.26 -0.74 0.00 | 14.52 -0.69 0.00 | 14.45 -0.59 0.00 | 15.68 -0.61 0.00 | 16.05 -0.73 0.00 | 18.34 -1.08 0.00 | 21.00 -1.71 0.00 | 24.45 -2.13 0.00 | 29.22 -2.64 0.00 | 25.83 -2.79 0.00 | 22.74 -2.23 0.00 | 17.51 -1.54 0.00 | 15.52 -1.17 0.00 |
| NIAGARA_115E_LBMP 323715 | 17.79 -1.27 0.00 | 16.59 -1.07 0.00 | 15.81 -1.05 0.00 | 16.51 -1.16 0.00 | 17.20 -1.24 0.00 | 17.29 -1.30 0.00 | 18.15 -1.73 0.00 | 17.41 -1.73 0.00 | 15.27 -1.38 0.00 | 13.31 -1.12 0.00 | 14.15 -0.94 0.00 | 15.12 -0.88 0.00 | 14.40 -0.81 0.00 | 14.32 -0.71 0.00 | 15.53 -0.76 0.00 | 15.90 -0.87 0.00 | 18.23 -1.18 0.00 | 20.92 -1.79 0.00 | 24.38 -2.20 0.00 | 29.15 -2.71 0.00 | 25.78 -2.85 0.00 | 22.69 -2.27 0.00 | 17.48 -1.57 0.00 | 15.49 -1.20 0.00 |
| NIAGARA_115W_LBMP 323714 | 17.79 -1.27 0.00 | 16.61 -1.05 0.00 | 15.81 -1.04 0.00 | 16.52 -1.16 0.00 | 17.21 -1.23 0.00 | 17.29 -1.30 0.00 | 18.15 -1.72 0.00 | 17.41 -1.72 0.00 | 15.25 -1.39 0.00 | 13.30 -1.14 0.00 | 14.23 -0.85 0.00 | 15.24 -0.76 0.00 | 14.50 -0.71 0.00 | 14.43 -0.61 0.00 | 15.65 -0.64 0.00 | 16.03 -0.75 0.00 | 18.30 -1.11 0.00 | 20.96 -1.76 0.00 | 24.40 -2.18 0.00 | 29.17 -2.70 0.00 | 25.78 -2.85 0.00 | 22.69 -2.27 0.00 | 17.48 -1.57 0.00 | 15.49 -1.20 0.00 |
| NIAGARA_230_LBMP 323716 | 17.95 -1.11 0.00 | 16.75 -0.91 0.00 | 15.95 -0.90 0.00 | 16.66 -1.01 0.00 | 17.37 -1.07 0.00 | 17.46 -1.13 0.00 | 18.34 -1.53 0.00 | 17.60 -1.54 0.00 | 15.41 -1.24 0.00 | 13.43 -1.01 0.00 | 14.29 -0.79 0.00 | 15.28 -0.71 0.00 | 14.54 -0.67 0.00 | 14.48 -0.56 0.00 | 15.70 -0.59 0.00 | 16.08 -0.70 0.00 | 18.42 -0.99 0.00 | 21.17 -1.55 0.00 | 24.63 -1.94 0.00 | 29.46 -2.40 0.00 | 26.05 -2.58 0.00 | 22.92 -2.05 0.00 | 17.64 -1.40 0.00 | 15.63 -1.06 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 17.79 -1.27 0.00 | 16.60 -1.05 0.00 | 15.81 -1.04 0.00 | 16.52 -1.15 0.00 | 17.21 -1.23 0.00 | 17.29 -1.30 0.00 | 18.15 -1.72 0.00 | 17.41 -1.73 0.00 | 15.25 -1.39 0.00 | 13.30 -1.14 0.00 | 14.23 -0.85 0.00 | 15.24 -0.76 0.00 | 14.50 -0.71 0.00 | 14.43 -0.61 0.00 | 15.64 -0.65 0.00 | 15.99 -0.79 0.00 | 18.30 -1.11 0.00 | 20.96 -1.76 0.00 | 24.40 -2.18 0.00 | 29.17 -2.70 0.00 | 25.78 -2.85 0.00 | 22.69 -2.27 0.00 | 17.48 -1.57 0.00 | 15.49 -1.20 0.00 |
| NIAGARA____ 23760 | 17.95 -1.11 0.00 | 16.75 -0.91 0.00 | 15.95 -0.90 0.00 | 16.66 -1.01 0.00 | 17.37 -1.07 0.00 | 17.46 -1.13 0.00 | 18.34 -1.53 0.00 | 17.60 -1.54 0.00 | 15.41 -1.24 0.00 | 13.43 -1.01 0.00 | 14.29 -0.79 0.00 | 15.28 -0.71 0.00 | 14.54 -0.67 0.00 | 14.48 -0.56 0.00 | 15.70 -0.59 0.00 | 16.08 -0.70 0.00 | 18.42 -0.99 0.00 | 21.17 -1.55 0.00 | 24.63 -1.94 0.00 | 29.46 -2.40 0.00 | 26.05 -2.58 0.00 | 22.92 -2.05 0.00 | 17.64 -1.40 0.00 | 15.63 -1.06 0.00 |
| NINE_MILE_1 23575 | 18.48 -0.58 0.00 | 17.14 -0.52 0.00 | 16.35 -0.50 0.00 | 17.14 -0.53 0.00 | 17.88 -0.56 0.00 | 18.03 -0.56 0.00 | 19.25 -0.62 0.00 | 18.54 -0.60 0.00 | 16.12 -0.52 0.00 | 13.98 -0.46 0.00 | 14.63 -0.46 0.00 | 15.53 -0.47 0.00 | 14.77 -0.44 0.00 | 14.62 -0.42 0.00 | 15.84 -0.45 0.00 | 16.30 -0.48 0.00 | 18.80 -0.61 0.00 | 21.94 -0.77 0.00 | 25.66 -0.92 0.00 | 30.76 -1.11 0.00 | 27.56 -1.06 0.00 | 24.05 -0.92 0.00 | 18.37 -0.67 0.00 | 16.13 -0.56 0.00 |
| NINE_MILE_2 23744 | 18.49 -0.57 0.00 | 17.14 -0.52 0.00 | 16.36 -0.49 0.00 | 17.14 -0.53 0.00 | 17.88 -0.55 0.00 | 18.03 -0.56 0.00 | 19.25 -0.62 0.00 | 18.54 -0.60 0.00 | 16.13 -0.52 0.00 | 13.98 -0.45 0.00 | 14.63 -0.45 0.00 | 15.53 -0.47 0.00 | 14.77 -0.44 0.00 | 14.62 -0.42 0.00 | 15.84 -0.45 0.00 | 16.30 -0.48 0.00 | 18.81 -0.61 0.00 | 21.94 -0.77 0.00 | 25.66 -0.92 0.00 | 30.76 -1.11 0.00 | 27.57 -1.06 0.00 | 24.06 -0.92 0.00 | 18.38 -0.67 0.00 | 16.13 -0.56 0.00 |
| NM_CAPITAL___DRP 24208 | 19.23 0.17 0.00 | 17.82 0.16 0.00 | 17.03 0.18 0.00 | 17.86 0.19 0.00 | 18.60 0.16 0.00 | 18.76 0.17 0.00 | 20.08 0.21 0.00 | 19.33 0.19 0.00 | 16.80 0.15 0.00 | 14.62 0.18 0.00 | 15.21 0.12 0.00 | 16.07 0.07 0.00 | 15.34 0.12 0.00 | 15.13 0.09 0.00 | 16.33 0.04 0.00 | 16.80 0.02 0.00 | 19.50 0.08 0.00 | 22.82 0.11 0.00 | 26.76 0.18 0.00 | 32.07 0.20 0.00 | 28.83 0.20 0.00 | 25.11 0.14 0.00 | 19.14 0.10 0.00 | 16.81 0.12 0.00 |
| NM_CENTRAL___DRP 24181 | 18.88 -0.18 0.00 | 17.51 -0.14 0.00 | 16.71 -0.14 0.00 | 17.51 -0.16 0.00 | 18.25 -0.19 0.00 | 18.41 -0.18 0.00 | 19.65 -0.22 0.00 | 18.92 -0.22 0.00 | 16.45 -0.20 0.00 | 14.26 -0.18 0.00 | 14.94 -0.15 0.00 | 15.86 -0.14 0.00 | 15.10 -0.11 0.00 | 14.96 -0.08 0.00 | 16.21 -0.07 0.00 | 16.65 -0.13 0.00 | 19.19 -0.22 0.00 | 22.39 -0.32 0.00 | 26.21 -0.37 0.00 | 31.41 -0.46 0.00 | 28.10 -0.52 0.00 | 24.53 -0.44 0.00 | 18.73 -0.32 0.00 | 16.44 -0.26 0.00 |
| NM_FRONTIER___DRP 24179 | 17.79 -1.27 0.00 | 16.60 -1.05 0.00 | 15.81 -1.04 0.00 | 16.52 -1.15 0.00 | 17.21 -1.23 0.00 | 17.29 -1.30 0.00 | 18.15 -1.72 0.00 | 17.41 -1.73 0.00 | 15.25 -1.39 0.00 | 13.30 -1.14 0.00 | 14.23 -0.85 0.00 | 15.24 -0.76 0.00 | 14.50 -0.71 0.00 | 14.43 -0.61 0.00 | 15.64 -0.65 0.00 | 15.99 -0.79 0.00 | 18.30 -1.11 0.00 | 20.96 -1.76 0.00 | 24.40 -2.18 0.00 | 29.17 -2.70 0.00 | 25.78 -2.85 0.00 | 22.69 -2.27 0.00 | 17.48 -1.57 0.00 | 15.49 -1.20 0.00 |

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| NM_ST_REGIS___HYD 24053 | 18.46 -0.59 0.00 | 17.06 -0.60 0.00 | 16.28 -0.57 0.00 | 17.12 -0.55 0.00 | 17.97 -0.48 0.00 | 18.10 -0.49 0.00 | 19.32 -0.55 0.00 | 18.62 -0.52 0.00 | 16.25 -0.40 0.00 | 14.11 -0.33 0.00 | 14.74 -0.34 0.00 | 15.61 -0.39 0.00 | 14.80 -0.41 0.00 | 14.64 -0.40 0.00 | 15.87 -0.42 0.00 | 16.37 -0.41 0.00 | 18.98 -0.43 0.00 | 22.35 -0.36 0.00 | 26.15 -0.43 0.00 | 31.43 -0.44 0.00 | 28.43 -0.20 0.00 | 24.82 -0.15 0.00 | 18.87 -0.18 0.00 | 16.45 -0.24 0.00 |
| NORTHPORT___1 23551 | 20.37 1.31 0.00 | 18.95 1.30 0.00 | 18.10 1.26 0.00 | 18.96 1.29 0.00 | 19.72 1.28 0.00 | 19.82 1.23 0.00 | 21.34 1.46 0.00 | 20.65 1.51 0.00 | 17.87 1.22 0.00 | 15.42 0.98 0.00 | 16.09 1.00 0.00 | 17.16 1.16 0.00 | 16.22 1.01 0.00 | 103.06 0.93 -87.10 | 30.00 1.05 -12.66 | 48.18 1.11 -30.29 | 26.69 1.31 -5.96 | 25.80 1.55 -1.53 | 54.72 1.82 -26.32 | 56.36 2.19 -22.30 | 50.70 1.93 -20.15 | 33.91 1.65 -7.29 | 31.50 1.28 -11.18 | 30.91 1.00 -13.22 |
| NORTHPORT___2 23552 | 20.37 1.31 0.00 | 18.95 1.30 0.00 | 18.10 1.26 0.00 | 18.96 1.29 0.00 | 19.72 1.28 0.00 | 19.82 1.23 0.00 | 21.34 1.46 0.00 | 20.65 1.51 0.00 | 17.87 1.22 0.00 | 15.42 0.98 0.00 | 16.09 1.00 0.00 | 17.16 1.16 0.00 | 16.22 1.01 0.00 | 103.06 0.93 -87.10 | 30.00 1.05 -12.66 | 48.18 1.11 -30.29 | 26.69 1.31 -5.96 | 25.80 1.55 -1.53 | 54.72 1.82 -26.32 | 56.36 2.19 -22.30 | 50.70 1.93 -20.15 | 33.91 1.65 -7.29 | 31.50 1.28 -11.18 | 30.91 1.00 -13.22 |
| NORTHPORT___3 23553 | 20.29 1.23 0.00 | 18.86 1.21 0.00 | 18.02 1.17 0.00 | 18.89 1.22 0.00 | 19.64 1.20 0.00 | 19.76 1.17 0.00 | 21.27 1.40 0.00 | 20.55 1.41 0.00 | 17.81 1.16 0.00 | 15.37 0.93 0.00 | 16.02 0.93 0.00 | 17.07 1.07 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.98 1.03 -12.66 | 48.19 1.12 -30.29 | 26.71 1.33 -5.96 | 25.85 1.60 -1.53 | 54.80 1.90 -26.32 | 56.44 2.28 -22.30 | 50.78 2.01 -20.15 | 33.96 1.70 -7.29 | 31.53 1.30 -11.18 | 30.93 1.01 -13.22 |
| NORTHPORT___4 23650 | 20.29 1.23 0.00 | 18.86 1.21 0.00 | 18.02 1.17 0.00 | 18.89 1.22 0.00 | 19.64 1.20 0.00 | 19.76 1.17 0.00 | 21.27 1.40 0.00 | 20.55 1.41 0.00 | 17.81 1.16 0.00 | 15.37 0.93 0.00 | 16.02 0.93 0.00 | 17.07 1.07 0.00 | 16.15 0.94 0.00 | 103.03 0.89 -87.10 | 29.98 1.03 -12.66 | 48.19 1.12 -30.29 | 26.71 1.33 -5.96 | 25.85 1.60 -1.53 | 54.80 1.90 -26.32 | 56.44 2.28 -22.30 | 50.78 2.01 -20.15 | 33.96 1.70 -7.29 | 31.53 1.30 -11.18 | 30.93 1.01 -13.22 |
| NORTHPORT___IC 23718 | 20.37 1.31 0.00 | 18.95 1.30 0.00 | 18.10 1.26 0.00 | 18.96 1.29 0.00 | 19.72 1.28 0.00 | 19.81 1.22 0.00 | 21.34 1.47 0.00 | 20.65 1.51 0.00 | 17.87 1.22 0.00 | 15.42 0.98 0.00 | 16.09 1.00 0.00 | 17.16 1.16 0.00 | 16.22 1.01 0.00 | 103.06 0.93 -87.10 | 30.00 1.05 -12.66 | 48.19 1.12 -30.29 | 26.69 1.31 -5.96 | 25.80 1.55 -1.53 | 54.72 1.82 -26.32 | 56.36 2.19 -22.30 | 50.71 1.93 -20.15 | 33.91 1.65 -7.29 | 31.50 1.28 -11.18 | 30.91 1.00 -13.22 |
| NORTH___COUNTRY_ESR 323785 | 18.69 -0.37 0.00 | 17.30 -0.36 0.00 | 16.56 -0.29 0.00 | 17.49 -0.18 0.00 | 18.34 -0.10 0.00 | 18.40 -0.19 0.00 | 19.60 -0.28 0.00 | 19.01 -0.13 0.00 | 16.71 0.06 0.00 | 14.58 0.15 0.00 | 15.29 0.21 0.00 | 16.17 0.17 0.00 | 15.23 0.02 0.00 | 15.01 -0.03 0.00 | 16.23 -0.05 0.00 | 16.71 -0.06 0.00 | 19.42 0.01 0.00 | 22.97 0.26 0.00 | 26.90 0.32 0.00 | 32.44 0.57 0.00 | 29.34 0.71 0.00 | 25.58 0.61 0.00 | 19.43 0.38 0.00 | 16.85 0.16 0.00 |
| NPX_GEN_1385_PROXY 323591 | 20.34 1.28 0.00 | 18.92 1.27 0.00 | 18.09 1.24 0.00 | 18.94 1.27 0.00 | 19.69 1.25 0.00 | 19.73 1.14 0.00 | 21.44 1.57 0.00 | 20.76 1.62 0.00 | 17.82 1.17 0.00 | 15.29 0.86 0.00 | 15.98 0.89 0.00 | 17.03 1.04 0.00 | 16.06 0.85 0.00 | 102.92 0.78 -87.10 | 29.83 0.88 -12.66 | 47.96 0.89 -30.29 | 26.41 1.04 -5.96 | 25.53 1.29 -1.53 | 54.38 1.49 -26.32 | 56.08 1.92 -22.30 | 50.42 1.65 -20.15 | 33.66 1.40 -7.29 | 31.36 1.14 -11.18 | 30.68 0.77 -13.22 |
| NPX_GEN_CSC 323557 | 20.39 1.34 0.00 | 19.08 1.42 0.00 | 18.25 1.40 0.00 | 19.11 1.45 0.00 | 19.89 1.46 0.00 | 20.20 1.60 0.00 | 21.86 1.99 0.00 | 21.11 1.97 0.00 | 18.23 1.59 0.00 | 15.64 1.20 0.00 | 16.10 1.02 0.00 | 17.25 1.26 0.00 | 16.29 1.08 0.00 | 103.05 0.91 -87.10 | 29.94 1.00 -12.66 | 48.31 1.24 -30.29 | 26.74 1.36 -5.96 | 25.93 1.68 -1.53 | 55.05 2.16 -26.32 | 56.75 2.59 -22.30 | 51.06 2.29 -20.15 | 34.14 1.88 -7.29 | 31.70 1.48 -11.18 | 30.98 1.06 -13.22 |
| NSINS_S_GLNS_FALLS 23858 | 19.64 0.58 0.00 | 18.17 0.51 0.00 | 17.41 0.56 0.00 | 18.30 0.63 0.00 | 19.04 0.60 0.00 | 19.19 0.60 0.00 | 20.60 0.73 0.00 | 19.78 0.65 0.00 | 17.10 0.46 0.00 | 14.71 0.27 0.00 | 15.21 0.12 0.00 | 16.08 0.09 0.00 | 15.33 0.12 0.00 | 15.09 0.06 0.00 | 16.35 0.06 0.00 | 16.91 0.13 0.00 | 19.75 0.34 0.00 | 23.35 0.64 0.00 | 27.58 1.00 0.00 | 33.04 1.17 0.00 | 29.68 1.06 0.00 | 25.84 0.87 0.00 | 19.60 0.55 0.00 | 17.14 0.45 0.00 |
| NUCOR_STEEL___DRP 24197 | 19.28 0.22 0.00 | 17.92 0.26 0.00 | 17.09 0.24 0.00 | 17.90 0.24 0.00 | 18.69 0.25 0.00 | 18.81 0.22 0.00 | 20.03 0.16 0.00 | 19.34 0.20 0.00 | 16.78 0.13 0.00 | 14.49 0.05 0.00 | 15.20 0.11 0.00 | 16.15 0.15 0.00 | 15.47 0.26 0.00 | 15.33 0.29 0.00 | 16.59 0.31 0.00 | 16.81 0.03 0.00 | 19.36 -0.05 0.00 | 22.62 -0.09 0.00 | 26.34 -0.24 0.00 | 31.61 -0.25 0.00 | 28.36 -0.27 0.00 | 24.72 -0.25 0.00 | 18.90 -0.15 0.00 | 16.52 -0.18 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 18.56 -0.50 0.00 | 17.04 -0.62 0.00 | 16.19 -0.65 0.00 | 17.02 -0.65 0.00 | 17.92 -0.52 0.00 | 18.24 -0.35 0.00 | 19.56 -0.31 0.00 | 18.76 -0.38 0.00 | 16.31 -0.33 0.00 | 14.04 -0.40 0.00 | 14.44 -0.65 0.00 | 15.21 -0.79 0.00 | 14.49 -0.72 0.00 | 14.35 -0.69 0.00 | 15.74 -0.55 0.00 | 16.25 -0.52 0.00 | 18.68 -0.74 0.00 | 22.02 -0.69 0.00 | 25.98 -0.60 0.00 | 31.23 -0.63 0.00 | 27.94 -0.69 0.00 | 24.42 -0.55 0.00 | 18.58 -0.47 0.00 | 16.23 -0.46 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 19.06 0.00 0.00 | 17.66 0.00 0.00 | 16.85 0.00 0.00 | 17.67 0.00 0.00 | 18.44 0.00 0.00 | 18.59 0.00 0.00 | 19.87 0.00 0.00 | 19.14 0.00 0.00 | 16.65 0.00 0.00 | 14.44 0.00 0.00 | 15.09 0.00 0.00 | 16.00 0.00 0.00 | 15.21 0.00 0.00 | 15.04 0.00 0.00 | 16.29 0.00 0.00 | 16.78 0.00 0.00 | 19.42 0.00 0.00 | 22.71 0.00 0.00 | 26.58 0.00 0.00 | 31.87 0.00 0.00 | 28.63 0.00 0.00 | 24.97 0.00 0.00 | 19.05 0.00 0.00 | 16.69 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 20.55 1.50 0.00 | 19.13 1.47 0.00 | 18.27 1.42 0.00 | 19.14 1.47 0.00 | 19.90 1.46 0.00 | 20.04 1.45 0.00 | 21.60 1.72 0.00 | 20.86 1.73 0.00 | 18.05 1.40 0.00 | 15.56 1.12 0.00 | 16.20 1.11 0.00 | 17.26 1.27 0.00 | 16.32 1.11 0.00 | 103.16 1.03 -87.10 | 30.13 1.18 -12.66 | 48.35 1.28 -30.29 | 26.91 1.54 -5.96 | 26.10 1.86 -1.53 | 55.13 2.23 -26.32 | 56.79 2.63 -22.30 | 51.03 2.26 -20.15 | 34.28 2.01 -7.29 | 31.78 1.56 -11.18 | 31.13 1.22 -13.22 |
| NYPA_GOWANUS____GT5 24156 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |

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| NYPA_GOWANUS____GT6 24157 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.91 1.26 0.00 | 15.57 1.13 0.00 | 16.14 1.06 0.00 | 17.06 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.87 1.09 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.00 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 20.27 1.21 0.00 | 18.79 1.14 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.65 1.06 0.00 | 21.12 1.25 0.00 | 20.45 1.31 0.00 | 17.84 1.19 0.00 | 15.51 1.07 0.00 | 16.06 0.97 0.00 | 16.97 0.97 0.00 | 16.16 0.95 0.00 | 15.93 0.90 0.00 | 17.24 0.95 0.00 | 17.80 1.02 0.00 | 20.60 1.18 0.00 | 24.14 1.43 0.00 | 28.30 1.72 0.00 | 33.87 2.01 0.00 | 30.48 1.85 0.00 | 26.52 1.55 0.00 | 20.26 1.22 0.00 | 17.70 1.01 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 20.27 1.21 0.00 | 18.79 1.14 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.65 1.06 0.00 | 21.12 1.25 0.00 | 20.45 1.31 0.00 | 17.84 1.19 0.00 | 15.51 1.07 0.00 | 16.06 0.97 0.00 | 16.97 0.97 0.00 | 16.16 0.95 0.00 | 15.93 0.90 0.00 | 17.24 0.95 0.00 | 17.80 1.02 0.00 | 20.60 1.18 0.00 | 24.14 1.43 0.00 | 28.30 1.72 0.00 | 33.87 2.01 0.00 | 30.48 1.85 0.00 | 26.52 1.55 0.00 | 20.26 1.22 0.00 | 17.70 1.01 0.00 |
| NYPA_KENT____GT 24152 | 20.32 1.26 0.00 | 18.83 1.18 0.00 | 17.99 1.14 0.00 | 18.85 1.18 0.00 | 19.58 1.14 0.00 | 19.72 1.13 0.00 | 21.20 1.33 0.00 | 20.50 1.37 0.00 | 17.88 1.23 0.00 | 15.55 1.12 0.00 | 16.13 1.04 0.00 | 17.05 1.05 0.00 | 16.20 0.99 0.00 | 15.98 0.94 0.00 | 17.32 1.03 0.00 | 17.86 1.08 0.00 | 20.71 1.29 0.00 | 24.26 1.54 0.00 | 28.41 1.83 0.00 | 33.99 2.13 0.00 | 30.59 1.97 0.00 | 26.61 1.65 0.00 | 20.33 1.28 0.00 | 17.74 1.05 0.00 |
| NYPA_POUCH1____GT 24155 | 20.33 1.28 0.00 | 18.85 1.19 0.00 | 18.01 1.16 0.00 | 18.85 1.19 0.00 | 19.59 1.16 0.00 | 19.74 1.14 0.00 | 21.23 1.36 0.00 | 20.52 1.38 0.00 | 17.89 1.24 0.00 | 15.54 1.11 0.00 | 16.11 1.02 0.00 | 17.03 1.04 0.00 | 16.18 0.97 0.00 | 15.95 0.92 0.00 | 17.29 1.00 0.00 | 17.82 1.04 0.00 | 20.69 1.28 0.00 | 24.24 1.53 0.00 | 28.42 1.84 0.00 | 33.88 2.02 0.00 | 30.54 1.92 0.00 | 26.56 1.58 0.00 | 20.28 1.24 0.00 | 17.71 1.01 0.00 |
| NYPA_VERNON____GT2 24162 | 20.30 1.24 0.00 | 18.82 1.16 0.00 | 17.97 1.13 0.00 | 18.83 1.16 0.00 | 19.56 1.12 0.00 | 19.70 1.11 0.00 | 21.17 1.30 0.00 | 20.48 1.34 0.00 | 17.86 1.21 0.00 | 15.54 1.10 0.00 | 16.11 1.03 0.00 | 17.03 1.03 0.00 | 16.19 0.98 0.00 | 15.96 0.93 0.00 | 17.30 1.01 0.00 | 17.84 1.07 0.00 | 20.68 1.27 0.00 | 24.22 1.51 0.00 | 28.37 1.79 0.00 | 33.98 2.11 0.00 | 30.56 1.93 0.00 | 26.59 1.62 0.00 | 20.31 1.26 0.00 | 17.72 1.03 0.00 |
| NYPA_VERNON____GT3 24163 | 20.30 1.24 0.00 | 18.82 1.16 0.00 | 17.97 1.13 0.00 | 18.83 1.16 0.00 | 19.56 1.12 0.00 | 19.70 1.11 0.00 | 21.17 1.30 0.00 | 20.48 1.34 0.00 | 17.86 1.21 0.00 | 15.54 1.10 0.00 | 16.11 1.03 0.00 | 17.03 1.03 0.00 | 16.19 0.98 0.00 | 15.96 0.93 0.00 | 17.30 1.01 0.00 | 17.84 1.07 0.00 | 20.68 1.27 0.00 | 24.22 1.51 0.00 | 28.37 1.79 0.00 | 33.98 2.11 0.00 | 30.56 1.93 0.00 | 26.59 1.62 0.00 | 20.31 1.26 0.00 | 17.72 1.03 0.00 |
| NYPA__ASTORIA_CC1 323568 | 20.28 1.22 0.00 | 18.80 1.14 0.00 | 17.95 1.10 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.67 1.08 0.00 | 21.14 1.27 0.00 | 20.45 1.31 0.00 | 17.83 1.19 0.00 | 15.52 1.08 0.00 | 16.09 1.00 0.00 | 17.00 1.00 0.00 | 16.17 0.95 0.00 | 15.94 0.91 0.00 | 17.27 0.98 0.00 | 17.82 1.04 0.00 | 20.65 1.24 0.00 | 24.19 1.47 0.00 | 28.33 1.75 0.00 | 33.93 2.06 0.00 | 30.53 1.90 0.00 | 26.56 1.59 0.00 | 20.29 1.24 0.00 | 17.71 1.01 0.00 |
| NYPA__ASTORIA_CC2 323569 | 20.28 1.22 0.00 | 18.80 1.14 0.00 | 17.95 1.10 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.67 1.08 0.00 | 21.14 1.27 0.00 | 20.45 1.31 0.00 | 17.83 1.19 0.00 | 15.52 1.08 0.00 | 16.09 1.00 0.00 | 17.00 1.00 0.00 | 16.17 0.95 0.00 | 15.94 0.91 0.00 | 17.27 0.98 0.00 | 17.82 1.04 0.00 | 20.65 1.24 0.00 | 24.19 1.47 0.00 | 28.33 1.75 0.00 | 33.93 2.06 0.00 | 30.53 1.90 0.00 | 26.56 1.59 0.00 | 20.29 1.24 0.00 | 17.71 1.01 0.00 |
| NYPA__HOLTSVILL 23794 | 20.47 1.41 0.00 | 19.08 1.43 0.00 | 18.23 1.38 0.00 | 19.10 1.43 0.00 | 19.87 1.43 0.00 | 20.05 1.45 0.00 | 21.63 1.75 0.00 | 20.89 1.75 0.00 | 18.07 1.42 0.00 | 15.56 1.12 0.00 | 16.15 1.06 0.00 | 17.23 1.23 0.00 | 16.28 1.07 0.00 | 103.10 0.96 -87.10 | 30.04 1.09 -12.66 | 48.32 1.25 -30.29 | 26.83 1.46 -5.96 | 26.02 1.77 -1.53 | 55.05 2.15 -26.32 | 56.76 2.59 -22.30 | 51.06 2.28 -20.15 | 34.20 1.93 -7.29 | 31.73 1.51 -11.18 | 31.06 1.15 -13.22 |
| NYPA____HELLGATE_GT1 24158 | 20.27 1.21 0.00 | 18.79 1.14 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.65 1.06 0.00 | 21.12 1.25 0.00 | 20.45 1.31 0.00 | 17.84 1.19 0.00 | 15.51 1.07 0.00 | 16.06 0.97 0.00 | 16.97 0.97 0.00 | 16.16 0.95 0.00 | 15.93 0.90 0.00 | 17.24 0.95 0.00 | 17.80 1.02 0.00 | 20.60 1.18 0.00 | 24.14 1.43 0.00 | 28.30 1.72 0.00 | 33.87 2.01 0.00 | 30.48 1.86 0.00 | 26.52 1.55 0.00 | 20.26 1.22 0.00 | 17.70 1.01 0.00 |
| NYPA____HELLGATE_GT2 24159 | 20.27 1.21 0.00 | 18.79 1.14 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.65 1.06 0.00 | 21.12 1.25 0.00 | 20.45 1.31 0.00 | 17.84 1.19 0.00 | 15.51 1.07 0.00 | 16.06 0.97 0.00 | 16.97 0.97 0.00 | 16.16 0.95 0.00 | 15.93 0.90 0.00 | 17.24 0.95 0.00 | 17.80 1.02 0.00 | 20.60 1.18 0.00 | 24.14 1.43 0.00 | 28.30 1.72 0.00 | 33.87 2.01 0.00 | 30.48 1.86 0.00 | 26.52 1.55 0.00 | 20.26 1.22 0.00 | 17.70 1.01 0.00 |
| NYS_BARGE__HYD 23848 | 18.09 -0.97 0.00 | 16.87 -0.78 0.00 | 16.07 -0.78 0.00 | 16.78 -0.88 0.00 | 17.48 -0.96 0.00 | 17.57 -1.02 0.00 | 18.47 -1.40 0.00 | 17.73 -1.41 0.00 | 15.54 -1.11 0.00 | 13.55 -0.89 0.00 | 14.41 -0.68 0.00 | 15.40 -0.60 0.00 | 14.65 -0.56 0.00 | 14.57 -0.47 0.00 | 15.80 -0.50 0.00 | 16.18 -0.60 0.00 | 18.56 -0.85 0.00 | 21.29 -1.42 0.00 | 24.81 -1.77 0.00 | 29.69 -2.18 0.00 | 26.26 -2.36 0.00 | 23.11 -1.86 0.00 | 17.79 -1.26 0.00 | 15.75 -0.95 0.00 |
| OAK ORCHARD__HYD 24046 | 18.54 -0.52 0.00 | 17.24 -0.42 0.00 | 16.42 -0.43 0.00 | 17.18 -0.49 0.00 | 17.92 -0.52 0.00 | 18.05 -0.54 0.00 | 19.12 -0.76 0.00 | 18.38 -0.75 0.00 | 16.05 -0.60 0.00 | 13.97 -0.47 0.00 | 14.77 -0.32 0.00 | 15.75 -0.25 0.00 | 14.98 -0.23 0.00 | 14.85 -0.19 0.00 | 16.11 -0.18 0.00 | 16.51 -0.27 0.00 | 19.01 -0.40 0.00 | 21.99 -0.72 0.00 | 25.65 -0.93 0.00 | 30.73 -1.14 0.00 | 27.34 -1.29 0.00 | 23.95 -1.02 0.00 | 18.34 -0.70 0.00 | 16.16 -0.54 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 19.07 0.01 0.00 | 17.72 0.06 0.00 | 16.92 0.07 0.00 | 17.72 0.05 0.00 | 18.44 0.00 0.00 | 18.59 0.00 0.00 | 19.84 -0.03 0.00 | 19.13 -0.01 0.00 | 16.61 -0.04 0.00 | 14.40 -0.03 0.00 | 15.13 0.04 0.00 | 16.03 0.03 0.00 | 15.26 0.05 0.00 | 15.13 0.09 0.00 | 16.42 0.13 0.00 | 16.90 0.12 0.00 | 19.48 0.07 0.00 | 22.72 0.00 0.00 | 26.59 0.01 0.00 | 31.87 0.01 0.00 | 28.42 -0.20 0.00 | 24.86 -0.11 0.00 | 19.00 -0.05 0.00 | 16.70 0.01 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OCC_CHEM___DRP 24175 | 17.82 -1.24 0.00 | 16.64 -1.02 0.00 | 15.84 -1.01 0.00 | 16.55 -1.12 0.00 | 17.24 -1.20 0.00 | 17.33 -1.27 0.00 | 18.18 -1.69 0.00 | 17.44 -1.70 0.00 | 15.28 -1.36 0.00 | 13.33 -1.11 0.00 | 14.26 -0.83 0.00 | 15.26 -0.74 0.00 | 14.52 -0.69 0.00 | 14.45 -0.58 0.00 | 15.66 -0.62 0.00 | 16.02 -0.76 0.00 | 18.34 -1.08 0.00 | 21.00 -1.71 0.00 | 24.45 -2.13 0.00 | 29.22 -2.64 0.00 | 25.83 -2.80 0.00 | 22.74 -2.23 0.00 | 17.51 -1.54 0.00 | 15.52 -1.17 0.00 |
| OH_GEN_PROXY 24063 | 17.99 -1.07 0.00 | 16.79 -0.87 0.00 | 15.98 -0.86 0.00 | 16.70 -0.97 0.00 | 17.41 -1.03 0.00 | 17.50 -1.09 0.00 | 18.41 -1.46 0.00 | 17.67 -1.47 0.00 | 15.46 -1.19 0.00 | 13.47 -0.97 0.00 | 14.33 -0.76 0.00 | 15.32 -0.68 0.00 | 14.58 -0.63 0.00 | 14.51 -0.53 0.00 | 15.74 -0.54 0.00 | 16.13 -0.65 0.00 | 18.48 -0.93 0.00 | 21.25 -1.47 0.00 | 24.73 -1.85 0.00 | 29.59 -2.28 0.00 | 26.15 -2.48 0.00 | 23.01 -1.96 0.00 | 17.70 -1.35 0.00 | 15.68 -1.02 0.00 |
| OLIN_CORP_DRP 24177 | 17.82 -1.24 0.00 | 16.63 -1.03 0.00 | 15.83 -1.01 0.00 | 16.54 -1.13 0.00 | 17.23 -1.21 0.00 | 17.32 -1.27 0.00 | 18.18 -1.69 0.00 | 17.44 -1.69 0.00 | 15.30 -1.35 0.00 | 13.34 -1.10 0.00 | 14.18 -0.91 0.00 | 15.16 -0.84 0.00 | 14.43 -0.78 0.00 | 14.35 -0.69 0.00 | 15.55 -0.74 0.00 | 15.90 -0.87 0.00 | 18.27 -1.14 0.00 | 20.98 -1.74 0.00 | 24.44 -2.14 0.00 | 29.22 -2.64 0.00 | 25.83 -2.79 0.00 | 22.74 -2.23 0.00 | 17.51 -1.53 0.00 | 15.52 -1.18 0.00 |
| OLIN_CORP_DSASP 323712 | 17.82 -1.24 0.00 | 16.63 -1.02 0.00 | 15.84 -1.01 0.00 | 16.55 -1.12 0.00 | 17.24 -1.20 0.00 | 17.32 -1.27 0.00 | 18.18 -1.69 0.00 | 17.44 -1.70 0.00 | 15.28 -1.37 0.00 | 13.33 -1.11 0.00 | 14.26 -0.83 0.00 | 15.26 -0.74 0.00 | 14.52 -0.69 0.00 | 14.45 -0.59 0.00 | 15.68 -0.61 0.00 | 16.05 -0.73 0.00 | 18.34 -1.08 0.00 | 21.00 -1.71 0.00 | 24.45 -2.13 0.00 | 29.22 -2.64 0.00 | 25.83 -2.79 0.00 | 22.74 -2.23 0.00 | 17.51 -1.54 0.00 | 15.52 -1.17 0.00 |
| ONEIDA_HERK_LFGE 323681 | 19.10 0.04 0.00 | 17.63 -0.03 0.00 | 16.79 -0.05 0.00 | 17.63 -0.04 0.00 | 18.45 0.02 0.00 | 18.69 0.10 0.00 | 20.01 0.14 0.00 | 19.22 0.08 0.00 | 16.69 0.04 0.00 | 14.42 -0.02 0.00 | 14.94 -0.14 0.00 | 15.80 -0.19 0.00 | 15.03 -0.18 0.00 | 14.90 -0.14 0.00 | 16.24 -0.05 0.00 | 16.77 -0.01 0.00 | 19.35 -0.07 0.00 | 22.72 0.01 0.00 | 26.69 0.11 0.00 | 32.04 0.17 0.00 | 28.71 0.08 0.00 | 25.04 0.07 0.00 | 19.06 0.02 0.00 | 16.68 -0.01 0.00 |
| ONEIDA___115KV_TB4 55905 | 19.43 0.37 0.00 | 17.97 0.32 0.00 | 17.15 0.30 0.00 | 17.97 0.30 0.00 | 18.77 0.33 0.00 | 18.98 0.39 0.00 | 20.27 0.40 0.00 | 19.49 0.35 0.00 | 16.88 0.23 0.00 | 14.59 0.15 0.00 | 15.18 0.09 0.00 | 16.11 0.12 0.00 | 15.30 0.09 0.00 | 15.20 0.17 0.00 | 16.52 0.23 0.00 | 17.04 0.26 0.00 | 19.68 0.26 0.00 | 23.07 0.36 0.00 | 27.05 0.47 0.00 | 32.44 0.57 0.00 | 29.06 0.43 0.00 | 25.32 0.35 0.00 | 19.28 0.24 0.00 | 16.90 0.20 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 19.06 0.00 0.00 | 17.67 0.01 0.00 | 16.86 0.01 0.00 | 17.67 0.00 0.00 | 18.42 -0.02 0.00 | 18.59 -0.01 0.00 | 19.84 -0.03 0.00 | 19.10 -0.03 0.00 | 16.60 -0.05 0.00 | 14.38 -0.06 0.00 | 15.05 -0.04 0.00 | 15.99 -0.01 0.00 | 15.22 0.01 0.00 | 15.08 0.05 0.00 | 16.35 0.06 0.00 | 16.78 0.01 0.00 | 19.34 -0.07 0.00 | 22.59 -0.13 0.00 | 26.45 -0.13 0.00 | 31.69 -0.17 0.00 | 28.36 -0.27 0.00 | 24.74 -0.23 0.00 | 18.88 -0.17 0.00 | 16.57 -0.12 0.00 |
| ONONDAGA___COGEN 23986 | 19.11 0.05 0.00 | 17.73 0.07 0.00 | 16.92 0.07 0.00 | 17.73 0.06 0.00 | 18.49 0.05 0.00 | 18.64 0.05 0.00 | 19.89 0.02 0.00 | 19.16 0.03 0.00 | 16.65 0.00 0.00 | 14.43 -0.01 0.00 | 15.11 0.02 0.00 | 16.05 0.05 0.00 | 15.30 0.09 0.00 | 15.16 0.12 0.00 | 16.43 0.14 0.00 | 16.74 -0.04 0.00 | 19.25 -0.17 0.00 | 22.47 -0.24 0.00 | 26.27 -0.31 0.00 | 31.49 -0.37 0.00 | 28.20 -0.43 0.00 | 24.60 -0.38 0.00 | 18.78 -0.26 0.00 | 16.47 -0.22 0.00 |
| ONTARIO___LFGE 23819 | 18.94 -0.12 0.00 | 17.60 -0.06 0.00 | 16.76 -0.09 0.00 | 17.51 -0.16 0.00 | 18.24 -0.20 0.00 | 18.39 -0.20 0.00 | 19.60 -0.28 0.00 | 18.88 -0.26 0.00 | 16.39 -0.26 0.00 | 14.21 -0.23 0.00 | 14.98 -0.11 0.00 | 15.90 -0.10 0.00 | 15.17 -0.05 0.00 | 15.04 0.01 0.00 | 16.32 0.03 0.00 | 16.73 -0.05 0.00 | 19.23 -0.18 0.00 | 22.39 -0.32 0.00 | 26.15 -0.43 0.00 | 31.24 -0.62 0.00 | 27.95 -0.67 0.00 | 24.46 -0.51 0.00 | 18.67 -0.38 0.00 | 16.41 -0.28 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 18.07 -0.99 0.00 | 16.88 -0.78 0.00 | 16.10 -0.74 0.00 | 16.78 -0.88 0.00 | 17.41 -1.03 0.00 | 17.52 -1.07 0.00 | 18.58 -1.29 0.00 | 17.87 -1.27 0.00 | 15.58 -1.07 0.00 | 13.54 -0.90 0.00 | 14.37 -0.72 0.00 | 15.28 -0.72 0.00 | 14.55 -0.66 0.00 | 14.49 -0.55 0.00 | 15.69 -0.60 0.00 | 16.12 -0.66 0.00 | 18.51 -0.90 0.00 | 21.33 -1.38 0.00 | 24.91 -1.67 0.00 | 29.80 -2.07 0.00 | 26.31 -2.32 0.00 | 23.10 -1.87 0.00 | 17.74 -1.31 0.00 | 15.68 -1.02 0.00 |
| ORANGEVILLE___ESR 323794 | 18.07 -0.99 0.00 | 16.88 -0.78 0.00 | 16.10 -0.74 0.00 | 16.78 -0.88 0.00 | 17.41 -1.03 0.00 | 17.52 -1.07 0.00 | 18.58 -1.29 0.00 | 17.87 -1.27 0.00 | 15.58 -1.07 0.00 | 13.54 -0.90 0.00 | 14.37 -0.72 0.00 | 15.28 -0.72 0.00 | 14.55 -0.66 0.00 | 14.49 -0.55 0.00 | 15.69 -0.60 0.00 | 16.12 -0.66 0.00 | 18.51 -0.90 0.00 | 21.33 -1.38 0.00 | 24.91 -1.67 0.00 | 29.80 -2.07 0.00 | 26.31 -2.32 0.00 | 23.10 -1.87 0.00 | 17.74 -1.31 0.00 | 15.68 -1.02 0.00 |
| OSWEGATCHIE___HYD 24044 | 18.42 -0.64 0.00 | 16.97 -0.69 0.00 | 16.15 -0.70 0.00 | 16.96 -0.71 0.00 | 17.82 -0.62 0.00 | 18.06 -0.53 0.00 | 19.32 -0.55 0.00 | 18.54 -0.60 0.00 | 16.14 -0.51 0.00 | 13.94 -0.50 0.00 | 14.44 -0.64 0.00 | 15.24 -0.75 0.00 | 14.52 -0.69 0.00 | 14.39 -0.65 0.00 | 15.70 -0.59 0.00 | 16.20 -0.58 0.00 | 18.68 -0.73 0.00 | 22.01 -0.71 0.00 | 25.84 -0.74 0.00 | 31.05 -0.82 0.00 | 27.94 -0.68 0.00 | 24.41 -0.56 0.00 | 18.56 -0.48 0.00 | 16.22 -0.47 0.00 |
| OSWEGO___5 23606 | 18.57 -0.49 0.00 | 17.22 -0.44 0.00 | 16.43 -0.42 0.00 | 17.22 -0.45 0.00 | 17.96 -0.48 0.00 | 18.10 -0.49 0.00 | 19.34 -0.54 0.00 | 18.62 -0.52 0.00 | 16.20 -0.45 0.00 | 14.04 -0.39 0.00 | 14.70 -0.39 0.00 | 15.59 -0.40 0.00 | 14.84 -0.37 0.00 | 14.68 -0.35 0.00 | 15.91 -0.38 0.00 | 16.39 -0.39 0.00 | 18.92 -0.49 0.00 | 22.08 -0.63 0.00 | 25.82 -0.76 0.00 | 30.96 -0.91 0.00 | 27.74 -0.89 0.00 | 24.21 -0.76 0.00 | 18.49 -0.56 0.00 | 16.23 -0.47 0.00 |
| OSWEGO___6 23613 | 18.57 -0.49 0.00 | 17.22 -0.44 0.00 | 16.43 -0.42 0.00 | 17.22 -0.45 0.00 | 17.96 -0.48 0.00 | 18.10 -0.49 0.00 | 19.34 -0.54 0.00 | 18.62 -0.52 0.00 | 16.20 -0.45 0.00 | 14.04 -0.39 0.00 | 14.70 -0.39 0.00 | 15.59 -0.40 0.00 | 14.84 -0.37 0.00 | 14.68 -0.35 0.00 | 15.91 -0.38 0.00 | 16.39 -0.39 0.00 | 18.92 -0.49 0.00 | 22.08 -0.63 0.00 | 25.82 -0.76 0.00 | 30.96 -0.91 0.00 | 27.74 -0.89 0.00 | 24.21 -0.76 0.00 | 18.49 -0.56 0.00 | 16.23 -0.47 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 18.23 -0.83 0.00 | 17.01 -0.65 0.00 | 16.20 -0.65 0.00 | 16.92 -0.75 0.00 | 17.62 -0.82 0.00 | 17.71 -0.88 0.00 | 18.63 -1.25 0.00 | 17.88 -1.26 0.00 | 15.66 -0.98 0.00 | 13.66 -0.78 0.00 | 14.57 -0.52 0.00 | 15.56 -0.43 0.00 | 14.82 -0.40 0.00 | 14.73 -0.30 0.00 | 15.97 -0.32 0.00 | 16.33 -0.44 0.00 | 18.74 -0.68 0.00 | 21.49 -1.22 0.00 | 25.03 -1.55 0.00 | 29.95 -1.92 0.00 | 26.47 -2.15 0.00 | 23.30 -1.67 0.00 | 17.92 -1.12 0.00 | 15.86 -0.83 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OXBOW___BTM 323836 | 18.03 -1.03 0.00 | 16.82 -0.83 0.00 | 16.02 -0.83 0.00 | 16.74 -0.93 0.00 | 17.43 -1.01 0.00 | 17.52 -1.08 0.00 | 18.41 -1.46 0.00 | 17.66 -1.47 0.00 | 15.48 -1.17 0.00 | 13.50 -0.94 0.00 | 14.42 -0.67 0.00 | 15.42 -0.58 0.00 | 14.68 -0.54 0.00 | 14.60 -0.44 0.00 | 15.83 -0.46 0.00 | 16.21 -0.56 0.00 | 18.54 -0.87 0.00 | 21.25 -1.46 0.00 | 24.74 -1.84 0.00 | 29.59 -2.28 0.00 | 26.17 -2.46 0.00 | 23.03 -1.94 0.00 | 17.72 -1.33 0.00 | 15.69 -1.00 0.00 |
| OXBOW____ 24026 | 18.03 -1.03 0.00 | 16.82 -0.83 0.00 | 16.02 -0.83 0.00 | 16.74 -0.93 0.00 | 17.43 -1.01 0.00 | 17.52 -1.08 0.00 | 18.41 -1.46 0.00 | 17.66 -1.48 0.00 | 15.48 -1.17 0.00 | 13.50 -0.94 0.00 | 14.42 -0.67 0.00 | 15.42 -0.58 0.00 | 14.67 -0.54 0.00 | 14.60 -0.44 0.00 | 15.82 -0.47 0.00 | 16.18 -0.59 0.00 | 18.54 -0.88 0.00 | 21.25 -1.46 0.00 | 24.74 -1.84 0.00 | 29.59 -2.27 0.00 | 26.16 -2.46 0.00 | 23.02 -1.94 0.00 | 17.72 -1.33 0.00 | 15.69 -1.00 0.00 |
| OXY_CHEM_DSASP 323612 | 17.82 -1.24 0.00 | 16.64 -1.02 0.00 | 15.84 -1.01 0.00 | 16.55 -1.12 0.00 | 17.24 -1.20 0.00 | 17.33 -1.27 0.00 | 18.18 -1.69 0.00 | 17.44 -1.70 0.00 | 15.28 -1.36 0.00 | 13.33 -1.11 0.00 | 14.26 -0.83 0.00 | 15.26 -0.74 0.00 | 14.52 -0.69 0.00 | 14.45 -0.58 0.00 | 15.66 -0.62 0.00 | 16.02 -0.76 0.00 | 18.34 -1.08 0.00 | 21.00 -1.71 0.00 | 24.45 -2.13 0.00 | 29.22 -2.64 0.00 | 25.83 -2.80 0.00 | 22.74 -2.23 0.00 | 17.51 -1.54 0.00 | 15.52 -1.17 0.00 |
| OZONE_PARK_ESR 323760 | 20.42 1.37 0.00 | 18.94 1.28 0.00 | 18.09 1.24 0.00 | 18.95 1.29 0.00 | 19.69 1.25 0.00 | 19.83 1.24 0.00 | 21.31 1.44 0.00 | 20.61 1.48 0.00 | 17.97 1.32 0.00 | 15.63 1.19 0.00 | 16.23 1.15 0.00 | 17.16 1.16 0.00 | 16.30 1.08 0.00 | 16.07 1.04 0.00 | 17.42 1.13 0.00 | 17.98 1.20 0.00 | 20.84 1.42 0.00 | 24.42 1.70 0.00 | 28.57 1.99 0.00 | 34.24 2.38 0.00 | 30.77 2.14 0.00 | 26.78 1.81 0.00 | 20.44 1.40 0.00 | 17.85 1.15 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 17.82 -1.24 0.00 | 16.64 -1.02 0.00 | 15.84 -1.01 0.00 | 16.55 -1.12 0.00 | 17.24 -1.20 0.00 | 17.33 -1.27 0.00 | 18.18 -1.69 0.00 | 17.44 -1.70 0.00 | 15.28 -1.36 0.00 | 13.33 -1.11 0.00 | 14.26 -0.83 0.00 | 15.26 -0.74 0.00 | 14.52 -0.69 0.00 | 14.45 -0.58 0.00 | 15.66 -0.62 0.00 | 16.02 -0.76 0.00 | 18.34 -1.08 0.00 | 21.00 -1.71 0.00 | 24.45 -2.13 0.00 | 29.22 -2.64 0.00 | 25.83 -2.80 0.00 | 22.74 -2.23 0.00 | 17.51 -1.54 0.00 | 15.52 -1.17 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 17.82 -1.24 0.00 | 16.64 -1.02 0.00 | 15.84 -1.01 0.00 | 16.55 -1.12 0.00 | 17.24 -1.20 0.00 | 17.33 -1.27 0.00 | 18.18 -1.69 0.00 | 17.44 -1.70 0.00 | 15.28 -1.36 0.00 | 13.33 -1.11 0.00 | 14.26 -0.83 0.00 | 15.26 -0.74 0.00 | 14.52 -0.69 0.00 | 14.45 -0.58 0.00 | 15.66 -0.62 0.00 | 16.02 -0.76 0.00 | 18.34 -1.08 0.00 | 21.00 -1.71 0.00 | 24.45 -2.13 0.00 | 29.22 0.00 | 25.83 -2.80 0.00 | 22.74 -2.23 0.00 | 17.51 -1.54 0.00 | 15.52 -1.17 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 20.30 1.24 0.00 | 18.81 1.15 0.00 | 17.95 1.10 0.00 | 18.82 1.15 0.00 | 19.56 1.11 0.00 | 19.69 1.09 0.00 | 21.14 1.27 0.00 | 20.46 1.32 0.00 | 17.84 1.19 0.00 | 15.51 1.07 0.00 | 16.07 0.99 0.00 | 16.99 0.99 0.00 | 16.17 0.96 0.00 | 15.94 0.91 0.00 | 17.26 0.97 0.00 | 17.83 1.05 0.00 | 20.63 1.22 0.00 | 24.19 1.47 0.00 | 28.35 1.77 0.00 | 33.95 2.08 0.00 | 30.54 1.91 0.00 | 26.56 1.60 0.00 | 20.30 1.26 0.00 | 17.73 1.03 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 20.36 1.31 0.00 | 18.88 1.22 0.00 | 18.02 1.18 0.00 | 18.90 1.23 0.00 | 19.65 1.21 0.00 | 19.79 1.20 0.00 | 21.19 1.31 0.00 | 20.48 1.35 0.00 | 17.87 1.22 0.00 | 15.53 1.09 0.00 | 16.08 0.99 0.00 | 17.01 1.02 0.00 | 16.17 0.96 0.00 | 15.94 0.91 0.00 | 17.26 0.98 0.00 | 17.83 1.05 0.00 | 20.64 1.22 0.00 | 24.21 1.50 0.00 | 28.38 1.80 0.00 | 34.03 2.16 0.00 | 30.61 1.98 0.00 | 26.61 1.64 0.00 | 20.36 1.32 0.00 | 17.79 1.10 0.00 |
| PATROON__115KV_TB1 80586 | 19.23 0.17 0.00 | 17.82 0.16 0.00 | 17.03 0.18 0.00 | 17.86 0.18 0.00 | 18.60 0.16 0.00 | 18.76 0.17 0.00 | 20.08 0.21 0.00 | 19.34 0.20 0.00 | 16.81 0.16 0.00 | 14.66 0.22 0.00 | 15.24 0.15 0.00 | 16.09 0.09 0.00 | 15.37 0.16 0.00 | 15.17 0.13 0.00 | 16.35 0.06 0.00 | 16.83 0.05 0.00 | 19.54 0.13 0.00 | 22.89 0.17 0.00 | 26.84 0.26 0.00 | 32.16 0.29 0.00 | 28.90 0.28 0.00 | 25.17 0.20 0.00 | 19.18 0.13 0.00 | 16.83 0.14 0.00 |
| PATTRSNVILLE__SOLAR 323815 | 19.69 0.63 0.00 | 18.24 0.59 0.00 | 17.42 0.57 0.00 | 18.28 0.60 0.00 | 19.07 0.63 0.00 | 19.24 0.65 0.00 | 20.57 0.70 0.00 | 19.72 0.59 0.00 | 17.09 0.44 0.00 | 14.76 0.33 0.00 | 15.37 0.28 0.00 | 16.31 0.31 0.00 | 15.50 0.29 0.00 | 15.31 0.28 0.00 | 16.59 0.30 0.00 | 17.12 0.35 0.00 | 19.93 0.52 0.00 | 23.45 0.73 0.00 | 27.51 0.93 0.00 | 33.01 1.14 0.00 | 29.64 1.02 0.00 | 25.83 0.87 0.00 | 19.69 0.64 0.00 | 17.24 0.55 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 18.70 -0.36 0.00 | 17.45 -0.21 0.00 | 16.62 -0.23 0.00 | 17.36 -0.30 0.00 | 18.08 -0.36 0.00 | 18.18 -0.41 0.00 | 19.18 -0.69 0.00 | 18.44 -0.70 0.00 | 16.10 -0.55 0.00 | 14.02 -0.42 0.00 | 14.90 -0.18 0.00 | 15.91 -0.09 0.00 | 15.14 -0.07 0.00 | 15.06 0.03 0.00 | 16.33 0.04 0.00 | 16.74 -0.04 0.00 | 19.23 -0.18 0.00 | 22.10 -0.61 0.00 | 25.77 -0.81 0.00 | 30.86 -1.01 0.00 | 27.25 -1.37 0.00 | 23.98 -0.99 0.00 | 18.44 -0.61 0.00 | 16.30 -0.39 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 20.32 1.27 0.00 | 18.84 1.18 0.00 | 18.00 1.15 0.00 | 18.87 1.21 0.00 | 19.63 1.19 0.00 | 19.79 1.20 0.00 | 21.25 1.38 0.00 | 20.53 1.39 0.00 | 17.85 1.21 0.00 | 15.47 1.04 0.00 | 16.09 1.00 0.00 | 17.02 1.02 0.00 | 16.15 0.94 0.00 | 15.94 0.90 0.00 | 17.28 0.99 0.00 | 17.84 1.06 0.00 | 20.72 1.30 0.00 | 24.32 1.61 0.00 | 28.51 1.93 0.00 | 34.21 2.34 0.00 | 30.71 2.08 0.00 | 26.72 1.75 0.00 | 20.35 1.31 0.00 | 17.76 1.07 0.00 |
| PEEKSKILL____ 23653 | 20.14 1.08 0.00 | 18.67 1.01 0.00 | 17.84 0.99 0.00 | 18.70 1.03 0.00 | 19.44 1.00 0.00 | 19.58 0.99 0.00 | 21.04 1.17 0.00 | 20.32 1.19 0.00 | 17.69 1.04 0.00 | 15.35 0.91 0.00 | 15.96 0.87 0.00 | 16.88 0.88 0.00 | 16.03 0.82 0.00 | 15.81 0.78 0.00 | 17.15 0.86 0.00 | 17.69 0.91 0.00 | 20.52 1.11 0.00 | 24.06 1.35 0.00 | 28.19 1.61 0.00 | 33.80 1.93 0.00 | 30.35 1.72 0.00 | 26.41 1.45 0.00 | 20.14 1.10 0.00 | 17.58 0.89 0.00 |
| PGE MADISON__WINDPWR 24146 | 20.02 0.96 0.00 | 18.53 0.87 0.00 | 17.65 0.80 0.00 | 18.47 0.80 0.00 | 19.19 0.75 0.00 | 19.46 0.87 0.00 | 20.65 0.77 0.00 | 19.79 0.65 0.00 | 17.08 0.43 0.00 | 14.63 0.19 0.00 | 15.22 0.13 0.00 | 16.06 0.06 0.00 | 15.46 0.25 0.00 | 15.36 0.32 0.00 | 16.81 0.52 0.00 | 17.36 0.58 0.00 | 19.98 0.56 0.00 | 23.46 0.74 0.00 | 27.69 1.11 0.00 | 33.10 1.23 0.00 | 29.64 1.01 0.00 | 25.77 0.81 0.00 | 19.66 0.61 0.00 | 17.26 0.56 0.00 |
| PIERCEFIELD__HYD 23852 | 18.34 -0.72 0.00 | 16.94 -0.72 0.00 | 16.15 -0.70 0.00 | 16.96 -0.71 0.00 | 17.80 -0.64 0.00 | 17.96 -0.64 0.00 | 19.17 -0.71 0.00 | 18.43 -0.71 0.00 | 16.06 -0.59 0.00 | 13.93 -0.51 0.00 | 14.54 -0.55 0.00 | 15.40 -0.59 0.00 | 14.64 -0.57 0.00 | 14.49 -0.55 0.00 | 15.72 -0.57 0.00 | 16.23 -0.55 0.00 | 18.79 -0.62 0.00 | 22.10 -0.61 0.00 | 25.85 -0.73 0.00 | 31.03 -0.83 0.00 | 28.06 -0.56 0.00 | 24.50 -0.47 0.00 | 18.64 -0.40 0.00 | 16.29 -0.41 0.00 |

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| PINELAWN_CC_1 323563 | 20.44 1.39 0.00 | 19.00 1.35 0.00 | 18.15 1.31 0.00 | 19.01 1.34 0.00 | 19.77 1.33 0.00 | 19.91 1.32 0.00 | 21.45 1.58 0.00 | 20.71 1.57 0.00 | 17.94 1.29 0.00 | 15.48 1.04 0.00 | 16.10 1.01 0.00 | 17.14 1.14 0.00 | 16.21 1.00 0.00 | 103.10 0.95 -87.10 | 30.06 1.12 -12.65 | 48.29 1.23 -30.29 | 26.85 1.48 -5.96 | 26.07 1.83 -1.53 | 55.09 2.19 -26.32 | 56.79 2.63 -22.30 | 51.10 2.33 -20.15 | 34.25 1.99 -7.29 | 31.74 1.52 -11.18 | 31.09 1.18 -13.22 |
| PJM_GEN_HTP_PROXY 323702 | 20.26 1.21 0.00 | 18.78 1.13 0.00 | 17.94 1.09 0.00 | 18.80 1.14 0.00 | 19.54 1.10 0.00 | 19.68 1.09 0.00 | 21.15 1.28 0.00 | 20.46 1.32 0.00 | 17.83 1.18 0.00 | 15.51 1.07 0.00 | 16.10 1.01 0.00 | 17.01 1.02 0.00 | 16.17 0.95 0.00 | 15.94 0.90 0.00 | 17.28 1.00 0.00 | 17.83 1.05 0.00 | 20.65 1.24 0.00 | 24.20 1.48 0.00 | 28.32 1.74 0.00 | 33.95 2.09 0.00 | 30.50 1.87 0.00 | 26.55 1.57 0.00 | 20.27 1.22 0.00 | 16.96 1.00 0.74 |
| PJM_GEN_KEystone 24065 | 19.33 0.27 0.00 | 17.96 0.30 0.00 | 17.15 0.30 0.00 | 17.97 0.30 0.00 | 18.68 0.24 0.00 | 18.81 0.22 0.00 | 20.09 0.22 0.00 | 19.37 0.23 0.00 | 16.84 0.19 0.00 | 14.62 0.18 0.00 | 15.34 0.25 0.00 | 16.27 0.27 0.00 | 15.48 0.27 0.00 | 15.33 0.29 0.00 | 16.65 0.36 0.00 | 17.14 0.36 0.00 | 19.79 0.38 0.00 | 23.01 0.30 0.00 | 26.90 0.32 0.00 | 32.27 0.40 0.00 | 28.74 0.11 0.00 | 25.11 0.14 0.00 | 19.21 0.16 0.00 | 16.13 0.18 0.74 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 20.25 1.19 0.00 | 18.81 1.16 0.00 | 17.97 1.12 0.00 | 18.83 1.16 0.00 | 19.58 1.14 0.00 | 19.71 1.12 0.00 | 21.23 1.36 0.00 | 20.49 1.35 0.00 | 17.78 1.13 0.00 | 15.38 0.94 0.00 | 16.01 0.92 0.00 | 17.02 1.02 0.00 | 16.12 0.91 0.00 | 103.05 0.91 -87.10 | 30.05 1.09 -12.66 | 48.25 1.18 -30.29 | 26.79 1.42 -5.96 | 25.94 1.69 -1.53 | 54.91 2.01 -26.31 | 56.58 2.42 -22.30 | 50.92 2.14 -20.15 | 34.09 1.83 -7.29 | 31.62 1.40 -11.18 | 30.26 1.08 -12.48 |
| PJM_GEN_VFT_PROXY 323633 | 20.20 1.14 0.00 | 18.72 1.07 0.00 | 17.89 1.04 0.00 | 18.75 1.08 0.00 | 19.48 1.04 0.00 | 19.62 1.03 0.00 | 21.09 1.22 0.00 | 20.40 1.26 0.00 | 17.78 1.14 0.00 | 15.46 1.02 0.00 | 16.05 0.96 0.00 | 16.96 0.96 0.00 | 16.11 0.90 0.00 | 15.88 0.84 0.00 | 17.22 0.93 0.00 | 17.75 0.98 0.00 | 20.59 1.17 0.00 | 24.12 1.40 0.00 | 28.22 1.65 0.00 | 33.83 1.96 0.00 | 30.40 1.77 0.00 | 26.44 1.47 0.00 | 20.20 1.15 0.00 | 16.89 0.93 0.74 |
| PLATSBURG_115KV_PMLD1 355749 | 18.85 -0.21 0.00 | 17.42 -0.24 0.00 | 16.75 -0.10 0.00 | 17.76 0.09 0.00 | 18.62 0.18 0.00 | 18.69 0.10 0.00 | 19.93 0.06 0.00 | 19.37 0.23 0.00 | 17.04 0.40 0.00 | 14.93 0.49 0.00 | 15.66 0.57 0.00 | 16.50 0.50 0.00 | 15.49 0.28 0.00 | 15.19 0.15 0.00 | 16.41 0.12 0.00 | 16.92 0.14 0.00 | 19.73 0.32 0.00 | 23.52 0.81 0.00 | 27.60 1.02 0.00 | 33.35 1.48 0.00 | 30.14 1.52 0.00 | 26.20 1.23 0.00 | 19.82 0.78 0.00 | 17.14 0.45 0.00 |
| PLEASANTVLY___LBMP 24000 | 19.97 0.92 0.00 | 18.52 0.87 0.00 | 17.70 0.85 0.00 | 18.57 0.90 0.00 | 19.31 0.87 0.00 | 19.44 0.85 0.00 | 20.87 1.00 0.00 | 20.15 1.01 0.00 | 17.52 0.88 0.00 | 15.19 0.75 0.00 | 15.80 0.71 0.00 | 16.72 0.72 0.00 | 15.87 0.66 0.00 | 15.65 0.62 0.00 | 16.96 0.67 0.00 | 17.50 0.72 0.00 | 20.30 0.89 0.00 | 23.82 1.11 0.00 | 27.92 1.35 0.00 | 33.50 1.64 0.00 | 30.08 1.45 0.00 | 26.19 1.22 0.00 | 19.96 0.92 0.00 | 17.45 0.76 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 20.14 1.09 0.00 | 18.68 1.02 0.00 | 17.84 0.99 0.00 | 18.71 1.04 0.00 | 19.45 1.01 0.00 | 19.60 1.00 0.00 | 21.03 1.16 0.00 | 20.32 1.18 0.00 | 17.68 1.04 0.00 | 15.35 0.91 0.00 | 15.95 0.86 0.00 | 16.88 0.88 0.00 | 16.02 0.81 0.00 | 15.81 0.77 0.00 | 17.14 0.85 0.00 | 17.68 0.90 0.00 | 20.51 1.10 0.00 | 24.04 1.33 0.00 | 28.18 1.60 0.00 | 33.79 1.93 0.00 | 30.35 1.72 0.00 | 26.42 1.45 0.00 | 20.15 1.10 0.00 | 17.60 0.90 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 20.14 1.09 0.00 | 18.68 1.02 0.00 | 17.84 0.99 0.00 | 18.71 1.04 0.00 | 19.45 1.01 0.00 | 19.60 1.00 0.00 | 21.03 1.16 0.00 | 20.32 1.18 0.00 | 17.68 1.04 0.00 | 15.35 0.91 0.00 | 15.95 0.86 0.00 | 16.88 0.88 0.00 | 16.02 0.81 0.00 | 15.81 0.77 0.00 | 17.14 0.85 0.00 | 17.68 0.90 0.00 | 20.51 1.10 0.00 | 24.04 1.33 0.00 | 28.18 1.60 0.00 | 33.79 1.93 0.00 | 30.35 1.72 0.00 | 26.42 1.45 0.00 | 20.15 1.10 0.00 | 17.60 0.90 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 20.41 1.35 0.00 | 18.90 1.25 0.00 | 18.05 1.21 0.00 | 18.93 1.27 0.00 | 19.70 1.26 0.00 | 19.87 1.27 0.00 | 21.33 1.45 0.00 | 20.59 1.45 0.00 | 17.88 1.23 0.00 | 15.47 1.03 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.13 0.92 0.00 | 15.94 0.90 0.00 | 17.29 1.00 0.00 | 17.86 1.08 0.00 | 20.77 1.35 0.00 | 24.41 1.69 0.00 | 28.64 2.06 0.00 | 34.39 2.52 0.00 | 30.86 2.23 0.00 | 26.83 1.86 0.00 | 20.43 1.38 0.00 | 17.83 1.13 0.00 |
| POLETTI____ 23519 | 20.23 1.17 0.00 | 18.76 1.10 0.00 | 17.92 1.07 0.00 | 18.78 1.12 0.00 | 19.51 1.07 0.00 | 19.65 1.06 0.00 | 21.11 1.24 0.00 | 20.42 1.29 0.00 | 17.81 1.16 0.00 | 15.50 1.06 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.94 0.90 0.00 | 17.28 0.99 0.00 | 17.82 1.04 0.00 | 20.63 1.21 0.00 | 24.16 1.44 0.00 | 28.27 1.70 0.00 | 33.89 2.02 0.00 | 30.44 1.82 0.00 | 26.50 1.53 0.00 | 20.24 1.20 0.00 | 17.68 0.98 0.00 |
| POMONA___ESR 323819 | 20.14 1.08 0.00 | 18.66 1.00 0.00 | 17.82 0.98 0.00 | 18.70 1.03 0.00 | 19.44 1.00 0.00 | 19.59 1.00 0.00 | 21.04 1.17 0.00 | 20.32 1.18 0.00 | 17.68 1.04 0.00 | 15.34 0.90 0.00 | 15.95 0.86 0.00 | 16.88 0.88 0.00 | 16.03 0.82 0.00 | 15.80 0.76 0.00 | 17.13 0.84 0.00 | 17.68 0.90 0.00 | 20.53 1.12 0.00 | 24.07 1.36 0.00 | 28.19 1.61 0.00 | 33.82 1.96 0.00 | 30.33 1.70 0.00 | 26.37 1.40 0.00 | 20.10 1.05 0.00 | 17.54 0.85 0.00 |
| PORT_JEFF_3 23555 | 20.50 1.44 0.00 | 19.11 1.45 0.00 | 18.26 1.41 0.00 | 19.13 1.46 0.00 | 19.90 1.46 0.00 | 20.08 1.48 0.00 | 21.66 1.79 0.00 | 20.92 1.78 0.00 | 18.10 1.45 0.00 | 15.58 1.14 0.00 | 16.16 1.08 0.00 | 17.24 1.25 0.00 | 16.30 1.09 0.00 | 103.12 0.98 -87.10 | 30.06 1.11 -12.66 | 48.33 1.26 -30.29 | 26.87 1.50 -5.96 | 26.05 1.81 -1.53 | 55.07 2.18 -26.32 | 56.80 2.63 -22.30 | 51.10 2.32 -20.15 | 34.22 1.96 -7.29 | 31.76 1.54 -11.18 | 31.09 1.18 -13.22 |
| PORT_JEFF_4 23616 | 20.50 1.44 0.00 | 19.11 1.45 0.00 | 18.26 1.41 0.00 | 19.13 1.46 0.00 | 19.90 1.46 0.00 | 20.08 1.48 0.00 | 21.66 1.79 0.00 | 20.92 1.78 0.00 | 18.10 1.45 0.00 | 15.58 1.14 0.00 | 16.16 1.08 0.00 | 17.24 1.25 0.00 | 16.30 1.09 0.00 | 103.12 0.98 -87.10 | 30.06 1.11 -12.66 | 48.33 1.26 -30.29 | 26.87 1.50 -5.96 | 26.05 1.81 -1.53 | 55.07 2.18 -26.32 | 56.80 2.63 -22.30 | 51.10 2.32 -20.15 | 34.22 1.96 -7.29 | 31.76 1.54 -11.18 | 31.09 1.18 -13.22 |
| PORT_JEFF_IC 23713 | 20.50 1.45 0.00 | 19.11 1.46 0.00 | 18.26 1.42 0.00 | 19.13 1.46 0.00 | 19.90 1.46 0.00 | 20.09 1.49 0.00 | 21.68 1.80 0.00 | 20.94 1.80 0.00 | 18.11 1.46 0.00 | 15.58 1.14 0.00 | 16.16 1.08 0.00 | 17.25 1.25 0.00 | 16.30 1.09 0.00 | 103.12 0.98 -87.10 | 30.06 1.11 -12.66 | 48.35 1.28 -30.29 | 26.87 1.50 -5.96 | 26.06 1.81 -1.53 | 55.04 2.14 -26.32 | 56.75 2.59 -22.30 | 51.06 2.29 -20.15 | 34.20 1.93 -7.29 | 31.77 1.55 -11.18 | 31.09 1.18 -13.22 |

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| PPL PILGRIM_ST_GT1 24216 | 20.55 1.50 0.00 | 19.13 1.47 0.00 | 18.27 1.42 0.00 | 19.14 1.47 0.00 | 19.90 1.46 0.00 | 20.04 1.45 0.00 | 21.60 1.72 0.00 | 20.86 1.73 0.00 | 18.05 1.40 0.00 | 15.56 1.12 0.00 | 16.20 1.11 0.00 | 17.26 1.27 0.00 | 16.32 1.11 0.00 | 103.16 1.03 -87.10 | 30.13 1.18 -12.66 | 48.35 1.28 -30.29 | 26.91 1.54 -5.96 | 26.10 1.86 -1.53 | 55.13 2.23 -26.32 | 56.79 2.63 -22.30 | 51.03 2.26 -20.15 | 34.28 2.01 -7.29 | 31.78 1.56 -11.18 | 31.13 1.22 -13.22 |
| PPL PILGRIM_ST_GT2 24217 | 20.55 1.50 0.00 | 19.13 1.47 0.00 | 18.27 1.42 0.00 | 19.14 1.47 0.00 | 19.90 1.46 0.00 | 20.04 1.45 0.00 | 21.60 1.72 0.00 | 20.86 1.73 0.00 | 18.05 1.40 0.00 | 15.56 1.12 0.00 | 16.20 1.11 0.00 | 17.26 1.27 0.00 | 16.32 1.11 0.00 | 103.16 1.03 -87.10 | 30.13 1.18 -12.66 | 48.35 1.28 -30.29 | 26.91 1.54 -5.96 | 26.10 1.86 -1.53 | 55.13 2.23 -26.32 | 56.79 2.63 -22.30 | 51.03 2.26 -20.15 | 34.28 2.01 -7.29 | 31.78 1.56 -11.18 | 31.13 1.22 -13.22 |
| PPL_SHRM_GT3 24213 | 20.42 1.36 0.00 | 19.10 1.44 0.00 | 18.26 1.42 0.00 | 19.13 1.46 0.00 | 19.91 1.47 0.00 | 20.21 1.61 0.00 | 21.88 2.00 0.00 | 21.11 1.98 0.00 | 18.24 1.60 0.00 | 15.64 1.20 0.00 | 16.11 1.03 0.00 | 17.26 1.26 0.00 | 16.29 1.08 0.00 | 103.05 0.92 -87.10 | 29.95 1.00 -12.66 | 48.32 1.25 -30.29 | 26.74 1.37 -5.96 | 25.95 1.70 -1.53 | 55.09 2.19 -26.32 | 56.80 2.64 -22.30 | 51.11 2.33 -20.15 | 34.18 1.92 -7.29 | 31.72 1.50 -11.18 | 31.00 1.08 -13.22 |
| PPL_SHRM_GT4 24214 | 20.42 1.36 0.00 | 19.10 1.44 0.00 | 18.26 1.42 0.00 | 19.13 1.46 0.00 | 19.91 1.47 0.00 | 20.21 1.61 0.00 | 21.88 2.00 0.00 | 21.11 1.98 0.00 | 18.24 1.60 0.00 | 15.64 1.20 0.00 | 16.11 1.03 0.00 | 17.26 1.26 0.00 | 16.29 1.08 0.00 | 103.05 0.92 -87.10 | 29.95 1.00 -12.66 | 48.32 1.25 -30.29 | 26.74 1.37 -5.96 | 25.95 1.70 -1.53 | 55.09 2.19 -26.32 | 56.80 2.64 -22.30 | 51.11 2.33 -20.15 | 34.18 1.92 -7.29 | 31.72 1.50 -11.18 | 31.00 1.08 -13.22 |
| PROJECT___ORANGE 1 24174 | 18.90 -0.15 0.00 | 17.53 -0.13 0.00 | 16.73 -0.12 0.00 | 17.53 -0.14 0.00 | 18.27 -0.17 0.00 | 18.43 -0.16 0.00 | 19.68 -0.19 0.00 | 18.95 -0.19 0.00 | 16.48 -0.17 0.00 | 14.28 -0.15 0.00 | 14.96 -0.12 0.00 | 15.89 -0.11 0.00 | 15.13 -0.09 0.00 | 14.98 -0.06 0.00 | 16.23 -0.06 0.00 | 16.67 -0.11 0.00 | 19.21 -0.20 0.00 | 22.41 -0.30 0.00 | 26.23 -0.35 0.00 | 31.44 -0.43 0.00 | 28.13 -0.49 0.00 | 24.55 -0.42 0.00 | 18.74 -0.31 0.00 | 16.46 -0.24 0.00 |
| PROJECT___ORANGE 2 24166 | 18.90 -0.15 0.00 | 17.53 -0.13 0.00 | 16.73 -0.12 0.00 | 17.53 -0.14 0.00 | 18.27 -0.17 0.00 | 18.43 -0.16 0.00 | 19.68 -0.19 0.00 | 18.95 -0.19 0.00 | 16.48 -0.17 0.00 | 14.28 -0.15 0.00 | 14.96 -0.12 0.00 | 15.89 -0.11 0.00 | 15.13 -0.09 0.00 | 14.98 -0.06 0.00 | 16.23 -0.06 0.00 | 16.67 -0.11 0.00 | 19.21 -0.20 0.00 | 22.41 -0.30 0.00 | 26.23 -0.35 0.00 | 31.44 -0.43 0.00 | 28.13 -0.49 0.00 | 24.55 -0.42 0.00 | 18.74 -0.31 0.00 | 16.46 -0.24 0.00 |
| PUCKETT___SOLAR 323809 | 19.26 0.20 0.00 | 17.88 0.23 0.00 | 17.08 0.23 0.00 | 17.89 0.22 0.00 | 18.59 0.15 0.00 | 18.77 0.18 0.00 | 20.01 0.14 0.00 | 19.27 0.13 0.00 | 16.70 0.06 0.00 | 14.43 -0.01 0.00 | 15.07 -0.01 0.00 | 15.99 -0.01 0.00 | 15.23 0.02 0.00 | 15.10 0.07 0.00 | 16.44 0.15 0.00 | 16.95 0.17 0.00 | 19.54 0.12 0.00 | 22.89 0.18 0.00 | 26.85 0.27 0.00 | 32.12 0.26 0.00 | 28.70 0.08 0.00 | 25.05 0.08 0.00 | 19.14 0.09 0.00 | 16.82 0.12 0.00 |
| PYRITES___HYD 24023 | 18.80 -0.26 0.00 | 17.36 -0.29 0.00 | 16.55 -0.30 0.00 | 17.38 -0.29 0.00 | 18.23 -0.21 0.00 | 18.39 -0.20 0.00 | 19.62 -0.25 0.00 | 18.81 -0.33 0.00 | 16.34 -0.30 0.00 | 14.16 -0.27 0.00 | 14.79 -0.30 0.00 | 15.68 -0.32 0.00 | 14.91 -0.30 0.00 | 14.76 -0.27 0.00 | 16.02 -0.27 0.00 | 16.61 -0.17 0.00 | 19.28 -0.13 0.00 | 22.67 -0.05 0.00 | 26.50 -0.08 0.00 | 31.81 -0.05 0.00 | 28.77 0.14 0.00 | 25.12 0.15 0.00 | 19.11 0.06 0.00 | 16.70 0.00 0.00 |
| QUAKERRD_115KV_BK1 80622 | 18.20 -0.86 0.00 | 16.91 -0.74 0.00 | 16.12 -0.73 0.00 | 16.86 -0.80 0.00 | 17.59 -0.85 0.00 | 17.72 -0.87 0.00 | 18.82 -1.06 0.00 | 18.10 -1.04 0.00 | 15.79 -0.86 0.00 | 13.72 -0.71 0.00 | 14.48 -0.61 0.00 | 15.41 -0.59 0.00 | 14.67 -0.54 0.00 | 14.54 -0.49 0.00 | 15.76 -0.53 0.00 | 16.16 -0.61 0.00 | 18.63 -0.78 0.00 | 21.60 -1.11 0.00 | 25.20 -1.38 0.00 | 30.19 -1.67 0.00 | 26.92 -1.71 0.00 | 23.55 -1.42 0.00 | 18.01 -1.03 0.00 | 15.85 -0.84 0.00 |
| QUENSRY_115KV_TB8 356137 | 19.63 0.57 0.00 | 18.16 0.51 0.00 | 17.41 0.56 0.00 | 18.30 0.64 0.00 | 19.03 0.59 0.00 | 19.19 0.59 0.00 | 20.60 0.73 0.00 | 19.79 0.65 0.00 | 17.11 0.46 0.00 | 14.70 0.26 0.00 | 15.19 0.11 0.00 | 16.08 0.08 0.00 | 15.32 0.11 0.00 | 15.08 0.04 0.00 | 16.34 0.05 0.00 | 16.90 0.12 0.00 | 19.74 0.33 0.00 | 23.36 0.64 0.00 | 27.63 1.05 0.00 | 33.07 1.21 0.00 | 29.73 1.10 0.00 | 25.86 0.89 0.00 | 19.61 0.56 0.00 | 17.14 0.45 0.00 |
| RAMAPO___LBMP 323565 | 20.07 1.01 0.00 | 18.59 0.93 0.00 | 17.76 0.92 0.00 | 18.64 0.97 0.00 | 19.38 0.94 0.00 | 19.52 0.93 0.00 | 20.97 1.10 0.00 | 20.25 1.11 0.00 | 17.62 0.97 0.00 | 15.28 0.84 0.00 | 15.89 0.81 0.00 | 16.82 0.82 0.00 | 15.97 0.76 0.00 | 15.74 0.71 0.00 | 17.07 0.78 0.00 | 17.61 0.84 0.00 | 20.45 1.04 0.00 | 23.97 1.26 0.00 | 28.08 1.50 0.00 | 33.69 1.83 0.00 | 30.20 1.58 0.00 | 26.26 1.29 0.00 | 20.02 0.97 0.00 | 17.48 0.78 0.00 |
| RANKINE____ 23646 | 18.39 -0.67 0.00 | 17.16 -0.49 0.00 | 16.35 -0.50 0.00 | 17.07 -0.60 0.00 | 17.77 -0.67 0.00 | 17.87 -0.72 0.00 | 18.84 -1.04 0.00 | 18.10 -1.04 0.00 | 15.82 -0.82 0.00 | 13.79 -0.65 0.00 | 14.66 -0.43 0.00 | 15.64 -0.36 0.00 | 14.89 -0.32 0.00 | 14.81 -0.22 0.00 | 16.06 -0.23 0.00 | 16.44 -0.33 0.00 | 18.89 -0.52 0.00 | 21.72 -1.00 0.00 | 25.31 -1.27 0.00 | 30.29 -1.57 0.00 | 26.74 -1.88 0.00 | 23.53 -1.44 0.00 | 18.09 -0.95 0.00 | 16.00 -0.69 0.00 |
| RAVENSWOOD_GT2_1 24244 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.67 1.08 0.00 | 21.14 1.27 0.00 | 20.44 1.30 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.08 1.00 0.00 | 17.00 1.01 0.00 | 16.15 0.94 0.00 | 15.93 0.90 0.00 | 17.27 0.98 0.00 | 17.82 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.31 1.73 0.00 | 33.93 2.06 0.00 | 30.49 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.69 0.99 0.00 |
| RAVENSWOOD_GT2_2 24245 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.67 1.08 0.00 | 21.14 1.27 0.00 | 20.44 1.30 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.08 1.00 0.00 | 17.00 1.01 0.00 | 16.15 0.94 0.00 | 15.93 0.90 0.00 | 17.27 0.98 0.00 | 17.82 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.31 1.73 0.00 | 33.93 2.06 0.00 | 30.49 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.69 0.99 0.00 |
| RAVENSWOOD_GT2_3 24246 | 20.25 1.20 0.00 | 18.78 1.13 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.68 1.09 0.00 | 21.14 1.27 0.00 | 20.44 1.31 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.94 0.90 0.00 | 17.27 0.98 0.00 | 17.82 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.32 1.74 0.00 | 33.93 2.07 0.00 | 30.50 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.70 1.00 0.00 |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| RAVENSWOOD_GT2_4 24247 | 20.25 1.20 0.00 | 18.78 1.13 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.68 1.09 0.00 | 21.14 1.27 0.00 | 20.44 1.31 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.94 0.90 0.00 | 17.27 0.98 0.00 | 17.82 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.32 1.74 0.00 | 33.93 2.07 0.00 | 30.50 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.70 1.00 0.00 |
| RAVENSWOOD_GT3_1 24248 | 20.25 1.20 0.00 | 18.78 1.13 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.68 1.09 0.00 | 21.14 1.27 0.00 | 20.44 1.30 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.94 0.90 0.00 | 17.27 0.98 0.00 | 17.82 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.32 1.74 0.00 | 33.93 2.07 0.00 | 30.50 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.69 1.00 0.00 |
| RAVENSWOOD_GT3_2 24249 | 20.25 1.20 0.00 | 18.78 1.13 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.68 1.09 0.00 | 21.14 1.27 0.00 | 20.44 1.30 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.94 0.90 0.00 | 17.27 0.98 0.00 | 17.82 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.32 1.74 0.00 | 33.93 2.07 0.00 | 30.50 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.69 1.00 0.00 |
| RAVENSWOOD_GT3_3 24250 | 20.28 1.22 0.00 | 18.80 1.14 0.00 | 17.96 1.11 0.00 | 18.82 1.15 0.00 | 19.56 1.12 0.00 | 19.70 1.11 0.00 | 21.16 1.29 0.00 | 20.46 1.33 0.00 | 17.84 1.19 0.00 | 15.51 1.07 0.00 | 16.11 1.02 0.00 | 17.03 1.03 0.00 | 16.17 0.96 0.00 | 15.95 0.92 0.00 | 17.30 1.01 0.00 | 17.85 1.07 0.00 | 20.67 1.26 0.00 | 24.22 1.50 0.00 | 28.35 1.77 0.00 | 33.99 2.12 0.00 | 30.53 1.90 0.00 | 26.58 1.61 0.00 | 20.29 1.24 0.00 | 17.71 1.02 0.00 |
| RAVENSWOOD_GT3_4 24251 | 20.28 1.22 0.00 | 18.80 1.14 0.00 | 17.96 1.11 0.00 | 18.82 1.15 0.00 | 19.56 1.12 0.00 | 19.70 1.11 0.00 | 21.16 1.29 0.00 | 20.46 1.33 0.00 | 17.84 1.19 0.00 | 15.51 1.07 0.00 | 16.11 1.02 0.00 | 17.03 1.03 0.00 | 16.17 0.96 0.00 | 15.95 0.92 0.00 | 17.30 1.01 0.00 | 17.85 1.07 0.00 | 20.67 1.26 0.00 | 24.22 1.50 0.00 | 28.35 1.77 0.00 | 33.99 2.12 0.00 | 30.53 1.90 0.00 | 26.58 1.61 0.00 | 20.29 1.24 0.00 | 17.71 1.02 0.00 |
| RAVENSWOOD_GT_1 23729 | 20.30 1.24 0.00 | 18.82 1.16 0.00 | 17.97 1.13 0.00 | 18.83 1.16 0.00 | 19.56 1.12 0.00 | 19.70 1.11 0.00 | 21.17 1.30 0.00 | 20.48 1.34 0.00 | 17.86 1.21 0.00 | 15.54 1.10 0.00 | 16.12 1.03 0.00 | 17.03 1.04 0.00 | 16.19 0.98 0.00 | 15.97 0.93 0.00 | 17.30 1.01 0.00 | 17.85 1.07 0.00 | 20.68 1.27 0.00 | 24.22 1.51 0.00 | 28.37 1.79 0.00 | 33.97 2.11 0.00 | 30.56 1.93 0.00 | 26.59 1.62 0.00 | 20.31 1.26 0.00 | 17.72 1.03 0.00 |
| RAVENSWOOD_GT_10 24258 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.68 1.09 0.00 | 21.14 1.27 0.00 | 20.44 1.30 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.94 0.90 0.00 | 17.27 0.98 0.00 | 17.82 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.32 1.74 0.00 | 33.93 2.07 0.00 | 30.49 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.69 1.00 0.00 |
| RAVENSWOOD_GT_11 24259 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.68 1.09 0.00 | 21.14 1.27 0.00 | 20.44 1.30 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.94 0.90 0.00 | 17.27 0.98 0.00 | 17.82 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.32 1.74 0.00 | 33.93 2.07 0.00 | 30.49 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.69 1.00 0.00 |
| RAVENSWOOD_GT_4 24252 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.67 1.08 0.00 | 21.14 1.27 0.00 | 20.44 1.31 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.93 0.90 0.00 | 17.27 0.98 0.00 | 17.81 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.31 1.73 0.00 | 33.93 2.06 0.00 | 30.49 1.86 0.00 | 26.54 1.56 0.00 | 20.26 1.21 0.00 | 17.69 0.99 0.00 |
| RAVENSWOOD_GT_5 24254 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.67 1.08 0.00 | 21.14 1.27 0.00 | 20.44 1.31 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.93 0.90 0.00 | 17.27 0.98 0.00 | 17.81 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.31 1.73 0.00 | 33.93 2.06 0.00 | 30.49 1.86 0.00 | 26.54 1.56 0.00 | 20.26 1.21 0.00 | 17.69 0.99 0.00 |
| RAVENSWOOD_GT_6 24253 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.67 1.08 0.00 | 21.14 1.27 0.00 | 20.44 1.31 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.93 0.90 0.00 | 17.27 0.98 0.00 | 17.81 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.31 1.73 0.00 | 33.93 2.06 0.00 | 30.49 1.86 0.00 | 26.54 1.56 0.00 | 20.26 1.21 0.00 | 17.69 0.99 0.00 |
| RAVENSWOOD_GT_7 24255 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.67 1.08 0.00 | 21.14 1.27 0.00 | 20.44 1.31 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.93 0.90 0.00 | 17.27 0.98 0.00 | 17.81 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.31 1.73 0.00 | 33.93 2.06 0.00 | 30.49 1.86 0.00 | 26.54 1.56 0.00 | 20.26 1.21 0.00 | 17.69 0.99 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.68 1.09 0.00 | 21.14 1.27 0.00 | 20.44 1.30 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.94 0.90 0.00 | 17.27 0.98 0.00 | 17.82 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.32 1.74 0.00 | 33.93 2.07 0.00 | 30.49 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.69 1.00 0.00 |
| RAVENSWOOD_GT_9 24257 | 20.25 1.19 0.00 | 18.78 1.12 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.68 1.09 0.00 | 21.14 1.27 0.00 | 20.44 1.30 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.01 1.01 0.00 | 16.15 0.94 0.00 | 15.94 0.90 0.00 | 17.27 0.98 0.00 | 17.82 1.04 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.32 1.74 0.00 | 33.93 2.07 0.00 | 30.49 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.69 1.00 0.00 |
| RAVENSWOOD___1 23533 | 20.28 1.23 0.00 | 18.80 1.15 0.00 | 17.95 1.11 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.68 1.09 0.00 | 21.15 1.28 0.00 | 20.45 1.32 0.00 | 17.84 1.19 0.00 | 15.52 1.08 0.00 | 16.09 1.01 0.00 | 17.01 1.01 0.00 | 16.17 0.96 0.00 | 15.94 0.91 0.00 | 17.29 1.00 0.00 | 17.84 1.06 0.00 | 20.67 1.26 0.00 | 24.20 1.49 0.00 | 28.34 1.76 0.00 | 33.96 2.09 0.00 | 30.54 1.92 0.00 | 26.58 1.61 0.00 | 20.30 1.25 0.00 | 17.72 1.03 0.00 |

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| RAVENSWOOD___2 23534 | 20.28 1.23 0.00 | 18.80 1.15 0.00 | 17.95 1.11 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.68 1.09 0.00 | 21.15 1.28 0.00 | 20.45 1.32 0.00 | 17.84 1.19 0.00 | 15.52 1.08 0.00 | 16.09 1.01 0.00 | 17.01 1.01 0.00 | 16.17 0.96 0.00 | 15.94 0.91 0.00 | 17.29 1.00 0.00 | 17.84 1.06 0.00 | 20.67 1.26 0.00 | 24.20 1.49 0.00 | 28.34 1.76 0.00 | 33.96 2.09 0.00 | 30.54 1.92 0.00 | 26.58 1.61 0.00 | 20.30 1.25 0.00 | 17.72 1.03 0.00 |
| RAVENSWOOD___3 23535 | 20.25 1.20 0.00 | 18.78 1.13 0.00 | 17.94 1.09 0.00 | 18.80 1.13 0.00 | 19.53 1.09 0.00 | 19.68 1.09 0.00 | 21.14 1.27 0.00 | 20.44 1.30 0.00 | 17.82 1.17 0.00 | 15.49 1.05 0.00 | 16.09 1.00 0.00 | 17.00 1.01 0.00 | 16.15 0.94 0.00 | 15.93 0.90 0.00 | 17.27 0.98 0.00 | 17.81 1.03 0.00 | 20.65 1.23 0.00 | 24.19 1.48 0.00 | 28.32 1.74 0.00 | 33.93 2.07 0.00 | 30.50 1.87 0.00 | 26.54 1.57 0.00 | 20.27 1.22 0.00 | 17.70 1.00 0.00 |
| RAVENSWOOD___4 23820 | 20.28 1.23 0.00 | 18.80 1.15 0.00 | 17.95 1.11 0.00 | 18.81 1.14 0.00 | 19.54 1.10 0.00 | 19.68 1.09 0.00 | 21.15 1.28 0.00 | 20.45 1.32 0.00 | 17.84 1.19 0.00 | 15.52 1.08 0.00 | 16.09 1.01 0.00 | 17.01 1.01 0.00 | 16.17 0.96 0.00 | 15.94 0.91 0.00 | 17.29 1.00 0.00 | 17.84 1.06 0.00 | 20.67 1.26 0.00 | 24.20 1.49 0.00 | 28.34 1.76 0.00 | 33.96 2.09 0.00 | 30.54 1.92 0.00 | 26.58 1.61 0.00 | 20.30 1.25 0.00 | 17.72 1.03 0.00 |
| RCPI_TRUST___DRP 24196 | 20.28 1.22 0.00 | 18.80 1.14 0.00 | 17.96 1.11 0.00 | 18.82 1.15 0.00 | 19.55 1.11 0.00 | 19.70 1.11 0.00 | 21.17 1.29 0.00 | 20.48 1.34 0.00 | 17.84 1.19 0.00 | 15.52 1.08 0.00 | 16.12 1.03 0.00 | 17.04 1.04 0.00 | 16.18 0.97 0.00 | 15.96 0.92 0.00 | 17.30 1.01 0.00 | 17.85 1.07 0.00 | 20.68 1.26 0.00 | 24.22 1.50 0.00 | 28.35 1.77 0.00 | 33.98 2.12 0.00 | 30.53 1.90 0.00 | 26.57 1.60 0.00 | 20.29 1.25 0.00 | 17.71 1.02 0.00 |
| RED___ROCHESTER 323720 | 18.62 -0.44 0.00 | 17.31 -0.34 0.00 | 16.49 -0.36 0.00 | 17.25 -0.42 0.00 | 17.99 -0.45 0.00 | 18.12 -0.47 0.00 | 19.20 -0.68 0.00 | 18.46 -0.68 0.00 | 16.12 -0.53 0.00 | 14.04 -0.40 0.00 | 14.84 -0.25 0.00 | 15.82 -0.18 0.00 | 15.05 -0.16 0.00 | 14.92 -0.12 0.00 | 16.18 -0.11 0.00 | 16.60 -0.18 0.00 | 19.11 -0.30 0.00 | 22.11 -0.60 0.00 | 25.79 -0.79 0.00 | 30.90 -0.96 0.00 | 27.50 -1.13 0.00 | 24.09 -0.88 0.00 | 18.44 -0.61 0.00 | 16.23 -0.46 0.00 |
| REGAN___SOLAR 323812 | 21.16 2.10 0.00 | 19.57 1.91 0.00 | 18.62 1.77 0.00 | 19.50 1.83 0.00 | 20.50 2.06 0.00 | 20.78 2.19 0.00 | 22.10 2.23 0.00 | 20.91 1.77 0.00 | 17.78 1.13 0.00 | 15.02 0.58 0.00 | 15.41 0.32 0.00 | 16.53 0.53 0.00 | 15.57 0.36 0.00 | 15.40 0.36 0.00 | 16.83 0.54 0.00 | 17.87 1.09 0.00 | 21.30 1.88 0.00 | 25.31 2.60 0.00 | 29.79 3.21 0.00 | 35.88 4.01 0.00 | 32.22 3.59 0.00 | 28.01 3.04 0.00 | 21.30 2.26 0.00 | 18.63 1.94 0.00 |
| RENSSELAER___COGEN 23796 | 19.20 0.14 0.00 | 17.80 0.14 0.00 | 17.00 0.16 0.00 | 17.83 0.17 0.00 | 18.57 0.13 0.00 | 18.73 0.14 0.00 | 20.05 0.18 0.00 | 19.30 0.16 0.00 | 16.77 0.12 0.00 | 14.60 0.16 0.00 | 15.19 0.11 0.00 | 16.05 0.05 0.00 | 15.32 0.10 0.00 | 15.12 0.08 0.00 | 16.29 0.01 0.00 | 16.77 -0.01 0.00 | 19.47 0.05 0.00 | 22.78 0.07 0.00 | 26.73 0.15 0.00 | 32.04 0.18 0.00 | 28.80 0.18 0.00 | 25.09 0.12 0.00 | 19.13 0.08 0.00 | 16.79 0.10 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 20.14 1.08 0.00 | 18.59 0.93 0.00 | 17.91 1.06 0.00 | 18.87 1.20 0.00 | 19.62 1.18 0.00 | 19.73 1.14 0.00 | 21.17 1.30 0.00 | 20.35 1.22 0.00 | 17.51 0.86 0.00 | 14.83 0.40 0.00 | 15.30 0.21 0.00 | 16.18 0.19 0.00 | 15.37 0.16 0.00 | 15.16 0.13 0.00 | 16.46 0.16 0.00 | 17.01 0.23 0.00 | 19.98 0.56 0.00 | 23.86 1.14 0.00 | 28.64 2.06 0.00 | 34.20 2.33 0.00 | 30.84 2.21 0.00 | 26.78 1.81 0.00 | 20.16 1.11 0.00 | 17.60 0.91 0.00 |
| REVERE_CPPR_DRP 24186 | 19.52 0.46 0.00 | 18.04 0.38 0.00 | 17.19 0.34 0.00 | 18.03 0.35 0.00 | 18.84 0.40 0.00 | 19.07 0.48 0.00 | 20.38 0.51 0.00 | 19.57 0.43 0.00 | 16.96 0.31 0.00 | 14.65 0.21 0.00 | 15.21 0.12 0.00 | 16.12 0.13 0.00 | 15.31 0.09 0.00 | 15.24 0.21 0.00 | 16.59 0.30 0.00 | 17.14 0.36 0.00 | 19.78 0.36 0.00 | 23.21 0.50 0.00 | 27.23 0.65 0.00 | 32.67 0.81 0.00 | 29.25 0.62 0.00 | 25.49 0.52 0.00 | 19.41 0.36 0.00 | 16.99 0.30 0.00 |
| REYNOLDS_115KV_TB3 80639 | 19.38 0.32 0.00 | 17.96 0.30 0.00 | 17.16 0.31 0.00 | 18.00 0.33 0.00 | 18.74 0.30 0.00 | 18.90 0.31 0.00 | 20.23 0.36 0.00 | 19.46 0.32 0.00 | 16.91 0.26 0.00 | 14.68 0.24 0.00 | 15.28 0.20 0.00 | 16.16 0.16 0.00 | 15.40 0.19 0.00 | 15.20 0.16 0.00 | 16.41 0.12 0.00 | 16.90 0.13 0.00 | 19.61 0.20 0.00 | 22.94 0.23 0.00 | 26.89 0.31 0.00 | 32.25 0.38 0.00 | 28.99 0.36 0.00 | 25.26 0.29 0.00 | 19.26 0.21 0.00 | 16.92 0.22 0.00 |
| RIVERBAY____ 323610 | 20.36 1.31 0.00 | 18.88 1.22 0.00 | 18.02 1.18 0.00 | 18.90 1.23 0.00 | 19.65 1.21 0.00 | 19.79 1.20 0.00 | 21.19 1.31 0.00 | 20.48 1.35 0.00 | 17.87 1.22 0.00 | 15.53 1.09 0.00 | 16.08 0.99 0.00 | 17.01 1.02 0.00 | 16.17 0.96 0.00 | 15.94 0.91 0.00 | 17.26 0.98 0.00 | 17.83 1.05 0.00 | 20.64 1.22 0.00 | 24.21 1.50 0.00 | 28.38 1.80 0.00 | 34.03 2.16 0.00 | 30.61 1.98 0.00 | 26.61 1.64 0.00 | 20.36 1.32 0.00 | 17.79 1.10 0.00 |
| RIVERSDE_115KV_TB3 55908 | 19.23 0.17 0.00 | 17.82 0.16 0.00 | 17.03 0.18 0.00 | 17.86 0.19 0.00 | 18.60 0.16 0.00 | 18.76 0.17 0.00 | 20.08 0.21 0.00 | 19.33 0.19 0.00 | 16.80 0.15 0.00 | 14.62 0.18 0.00 | 15.21 0.12 0.00 | 16.07 0.07 0.00 | 15.34 0.12 0.00 | 15.13 0.09 0.00 | 16.33 0.04 0.00 | 16.80 0.02 0.00 | 19.50 0.08 0.00 | 22.82 0.11 0.00 | 26.76 0.18 0.00 | 32.07 0.20 0.00 | 28.83 0.20 0.00 | 25.11 0.14 0.00 | 19.14 0.10 0.00 | 16.81 0.12 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 18.61 -0.45 0.00 | 17.19 -0.46 0.00 | 16.37 -0.47 0.00 | 17.21 -0.46 0.00 | 18.08 -0.35 0.00 | 18.25 -0.34 0.00 | 19.48 -0.39 0.00 | 18.77 -0.37 0.00 | 16.37 -0.28 0.00 | 14.18 -0.26 0.00 | 14.79 -0.30 0.00 | 15.65 -0.35 0.00 | 14.87 -0.34 0.00 | 14.68 -0.36 0.00 | 15.92 -0.37 0.00 | 16.37 -0.40 0.00 | 18.95 -0.47 0.00 | 22.23 -0.48 0.00 | 26.05 -0.53 0.00 | 31.14 -0.72 0.00 | 28.06 -0.56 0.00 | 24.42 -0.55 0.00 | 18.55 -0.50 0.00 | 16.25 -0.45 0.00 |
| ROCHESRG_115KV_T4 355643 | 18.46 -0.60 0.00 | 17.17 -0.48 0.00 | 16.36 -0.49 0.00 | 17.12 -0.56 0.00 | 17.85 -0.59 0.00 | 17.98 -0.61 0.00 | 19.05 -0.83 0.00 | 18.31 -0.83 0.00 | 15.99 -0.66 0.00 | 13.91 -0.53 0.00 | 14.70 -0.39 0.00 | 15.67 -0.33 0.00 | 14.91 -0.30 0.00 | 14.79 -0.25 0.00 | 16.03 -0.26 0.00 | 16.42 -0.35 0.00 | 18.93 -0.49 0.00 | 21.90 -0.81 0.00 | 25.54 -1.04 0.00 | 30.60 -1.27 0.00 | 27.22 -1.41 0.00 | 23.85 -1.12 0.00 | 18.27 -0.78 0.00 | 16.10 -0.60 0.00 |
| ROCHESTER_9_IC 23652 | 18.55 -0.51 0.00 | 17.26 -0.40 0.00 | 16.44 -0.41 0.00 | 17.19 -0.48 0.00 | 17.93 -0.51 0.00 | 18.06 -0.53 0.00 | 19.14 -0.74 0.00 | 18.40 -0.74 0.00 | 16.07 -0.58 0.00 | 13.98 -0.45 0.00 | 14.78 -0.31 0.00 | 15.75 -0.24 0.00 | 14.99 -0.22 0.00 | 14.87 -0.17 0.00 | 16.12 -0.17 0.00 | 16.51 -0.27 0.00 | 19.03 -0.39 0.00 | 22.02 -0.70 0.00 | 25.67 -0.91 0.00 | 30.76 -1.10 0.00 | 27.37 -1.26 0.00 | 23.98 -0.99 0.00 | 18.36 -0.68 0.00 | 16.17 -0.52 0.00 |

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| ROCKVIEW_13_KV_LD 356306 | 20.21 1.15 0.00 | 18.73 1.08 0.00 | 17.90 1.05 0.00 | 18.77 1.10 0.00 | 19.50 1.06 0.00 | 19.64 1.05 0.00 | 21.10 1.23 0.00 | 20.39 1.25 0.00 | 17.76 1.12 0.00 | 15.42 0.98 0.00 | 16.03 0.94 0.00 | 16.96 0.96 0.00 | 16.10 0.89 0.00 | 15.89 0.85 0.00 | 17.23 0.94 0.00 | 17.77 1.00 0.00 | 20.61 1.20 0.00 | 24.16 1.45 0.00 | 28.31 1.73 0.00 | 33.95 2.08 0.00 | 30.48 1.85 0.00 | 26.53 1.56 0.00 | 20.23 1.18 0.00 | 17.66 0.96 0.00 |
| ROME____115KV_TB2 80656 | 19.52 0.46 0.00 | 18.04 0.38 0.00 | 17.19 0.34 0.00 | 18.03 0.35 0.00 | 18.84 0.40 0.00 | 19.07 0.48 0.00 | 20.38 0.51 0.00 | 19.57 0.43 0.00 | 16.96 0.31 0.00 | 14.65 0.21 0.00 | 15.21 0.12 0.00 | 16.12 0.13 0.00 | 15.31 0.09 0.00 | 15.24 0.21 0.00 | 16.59 0.30 0.00 | 17.14 0.36 0.00 | 19.78 0.36 0.00 | 23.21 0.50 0.00 | 27.23 0.65 0.00 | 32.67 0.81 0.00 | 29.25 0.62 0.00 | 25.49 0.52 0.00 | 19.41 0.36 0.00 | 16.99 0.30 0.00 |
| ROSETON___1 23587 | 19.97 0.91 0.00 | 18.52 0.86 0.00 | 17.69 0.84 0.00 | 18.56 0.89 0.00 | 19.30 0.86 0.00 | 19.44 0.85 0.00 | 20.87 0.99 0.00 | 20.14 1.00 0.00 | 17.52 0.88 0.00 | 15.19 0.75 0.00 | 15.80 0.72 0.00 | 16.72 0.72 0.00 | 15.88 0.67 0.00 | 15.66 0.63 0.00 | 16.98 0.69 0.00 | 17.51 0.73 0.00 | 20.32 0.91 0.00 | 23.83 1.11 0.00 | 27.93 1.35 0.00 | 33.50 1.64 0.00 | 30.07 1.44 0.00 | 26.18 1.21 0.00 | 19.96 0.91 0.00 | 17.44 0.74 0.00 |
| ROSETON___2 23588 | 19.97 0.91 0.00 | 18.52 0.86 0.00 | 17.69 0.84 0.00 | 18.56 0.89 0.00 | 19.30 0.86 0.00 | 19.44 0.85 0.00 | 20.87 0.99 0.00 | 20.14 1.00 0.00 | 17.52 0.88 0.00 | 15.19 0.75 0.00 | 15.80 0.72 0.00 | 16.72 0.72 0.00 | 15.88 0.67 0.00 | 15.66 0.63 0.00 | 16.98 0.69 0.00 | 17.51 0.73 0.00 | 20.32 0.91 0.00 | 23.83 1.11 0.00 | 27.93 1.35 0.00 | 33.50 1.64 0.00 | 30.07 1.44 0.00 | 26.18 1.21 0.00 | 19.96 0.91 0.00 | 17.44 0.74 0.00 |
| ROTTDRAM_115KV_TB3 80664 | 19.50 0.44 0.00 | 18.07 0.42 0.00 | 17.27 0.42 0.00 | 18.11 0.44 0.00 | 18.87 0.43 0.00 | 19.03 0.44 0.00 | 20.37 0.50 0.00 | 19.60 0.47 0.00 | 17.02 0.37 0.00 | 14.73 0.29 0.00 | 15.34 0.25 0.00 | 16.24 0.24 0.00 | 15.45 0.24 0.00 | 15.24 0.21 0.00 | 16.51 0.22 0.00 | 17.03 0.25 0.00 | 19.78 0.36 0.00 | 23.21 0.49 0.00 | 27.22 0.63 0.00 | 32.63 0.77 0.00 | 29.31 0.68 0.00 | 25.54 0.57 0.00 | 19.46 0.41 0.00 | 17.05 0.35 0.00 |
| RUSSELL___1 23602 | 18.62 -0.44 0.00 | 17.31 -0.34 0.00 | 16.49 -0.36 0.00 | 17.25 -0.42 0.00 | 17.99 -0.45 0.00 | 18.12 -0.47 0.00 | 19.20 -0.68 0.00 | 18.46 -0.68 0.00 | 16.12 -0.53 0.00 | 14.04 -0.40 0.00 | 14.84 -0.25 0.00 | 15.82 -0.18 0.00 | 15.05 -0.16 0.00 | 14.92 -0.11 0.00 | 16.17 -0.12 0.00 | 16.57 -0.20 0.00 | 19.11 -0.31 0.00 | 22.11 -0.60 0.00 | 25.79 -0.79 0.00 | 30.90 -0.96 0.00 | 27.49 -1.13 0.00 | 24.09 -0.88 0.00 | 18.44 -0.61 0.00 | 16.23 -0.46 0.00 |
| RUSSELL___2 23532 | 18.62 -0.44 0.00 | 17.31 -0.34 0.00 | 16.49 -0.36 0.00 | 17.25 -0.42 0.00 | 17.99 -0.45 0.00 | 18.12 -0.47 0.00 | 19.20 -0.68 0.00 | 18.46 -0.68 0.00 | 16.12 -0.53 0.00 | 14.04 -0.40 0.00 | 14.84 -0.25 0.00 | 15.82 -0.18 0.00 | 15.05 -0.16 0.00 | 14.92 -0.11 0.00 | 16.17 -0.12 0.00 | 16.57 -0.20 0.00 | 19.11 -0.31 0.00 | 22.11 -0.60 0.00 | 25.79 -0.79 0.00 | 30.90 -0.96 0.00 | 27.49 -1.13 0.00 | 24.09 -0.88 0.00 | 18.44 -0.61 0.00 | 16.23 -0.46 0.00 |
| RUSSELL___3 23549 | 18.62 -0.44 0.00 | 17.31 -0.34 0.00 | 16.49 -0.36 0.00 | 17.25 -0.42 0.00 | 17.99 -0.45 0.00 | 18.12 -0.47 0.00 | 19.20 -0.68 0.00 | 18.46 -0.68 0.00 | 16.12 -0.53 0.00 | 14.04 -0.40 0.00 | 14.84 -0.25 0.00 | 15.82 -0.18 0.00 | 15.05 -0.16 0.00 | 14.92 -0.11 0.00 | 16.17 -0.12 0.00 | 16.57 -0.20 0.00 | 19.11 -0.31 0.00 | 22.11 -0.60 0.00 | 25.79 -0.79 0.00 | 30.90 -0.96 0.00 | 27.49 -1.13 0.00 | 24.09 -0.88 0.00 | 18.44 -0.61 0.00 | 16.23 -0.46 0.00 |
| RUSSELL___4 23556 | 18.62 -0.44 0.00 | 17.31 -0.34 0.00 | 16.49 -0.36 0.00 | 17.25 -0.42 0.00 | 17.99 -0.45 0.00 | 18.12 -0.47 0.00 | 19.20 -0.68 0.00 | 18.46 -0.68 0.00 | 16.12 -0.53 0.00 | 14.04 -0.40 0.00 | 14.84 -0.25 0.00 | 15.82 -0.18 0.00 | 15.05 -0.16 0.00 | 14.92 -0.11 0.00 | 16.17 -0.12 0.00 | 16.57 -0.20 0.00 | 19.11 -0.31 0.00 | 22.11 -0.60 0.00 | 25.79 -0.79 0.00 | 30.90 -0.96 0.00 | 27.49 -1.13 0.00 | 24.09 -0.88 0.00 | 18.44 -0.61 0.00 | 16.23 -0.46 0.00 |
| RUSSELL___STATION 23914 | 18.62 -0.44 0.00 | 17.31 -0.34 0.00 | 16.49 -0.36 0.00 | 17.25 -0.42 0.00 | 17.99 -0.45 0.00 | 18.12 -0.47 0.00 | 19.20 -0.68 0.00 | 18.46 -0.68 0.00 | 16.12 -0.53 0.00 | 14.04 -0.40 0.00 | 14.84 -0.25 0.00 | 15.82 -0.18 0.00 | 15.05 -0.16 0.00 | 14.92 -0.11 0.00 | 16.17 -0.12 0.00 | 16.57 -0.20 0.00 | 19.11 -0.31 0.00 | 22.11 -0.60 0.00 | 25.79 -0.79 0.00 | 30.90 -0.96 0.00 | 27.49 -1.13 0.00 | 24.09 -0.88 0.00 | 18.44 -0.61 0.00 | 16.23 -0.46 0.00 |
| S SALMON___HYD 24043 | 18.61 -0.45 0.00 | 17.20 -0.45 0.00 | 16.39 -0.46 0.00 | 17.17 -0.50 0.00 | 17.95 -0.49 0.00 | 18.15 -0.44 0.00 | 19.41 -0.47 0.00 | 18.66 -0.48 0.00 | 16.23 -0.42 0.00 | 14.03 -0.41 0.00 | 14.60 -0.48 0.00 | 15.42 -0.57 0.00 | 14.71 -0.50 0.00 | 14.59 -0.44 0.00 | 15.89 -0.40 0.00 | 16.34 -0.43 0.00 | 18.79 -0.62 0.00 | 22.03 -0.68 0.00 | 25.84 -0.74 0.00 | 31.00 -0.87 0.00 | 27.79 -0.84 0.00 | 24.25 -0.72 0.00 | 18.49 -0.55 0.00 | 16.21 -0.48 0.00 |
| S.PERRY___115KV_TB1 80734 | 18.80 -0.26 0.00 | 17.49 -0.16 0.00 | 16.66 -0.19 0.00 | 17.40 -0.28 0.00 | 18.10 -0.34 0.00 | 18.24 -0.35 0.00 | 19.36 -0.52 0.00 | 18.64 -0.50 0.00 | 16.18 -0.46 0.00 | 13.99 -0.44 0.00 | 14.95 -0.14 0.00 | 15.89 -0.11 0.00 | 14.99 -0.22 0.00 | 14.79 -0.25 0.00 | 16.20 -0.08 0.00 | 16.53 -0.25 0.00 | 19.04 -0.37 0.00 | 22.06 -0.65 0.00 | 25.81 -0.77 0.00 | 31.18 -0.69 0.00 | 27.73 -0.90 0.00 | 24.33 -0.64 0.00 | 18.59 -0.46 0.00 | 16.36 -0.33 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 18.19 -0.87 0.00 | 16.97 -0.68 0.00 | 16.16 -0.69 0.00 | 16.88 -0.79 0.00 | 17.58 -0.86 0.00 | 17.68 -0.91 0.00 | 18.60 -1.27 0.00 | 17.86 -1.28 0.00 | 15.63 -1.02 0.00 | 13.63 -0.81 0.00 | 14.50 -0.59 0.00 | 15.49 -0.51 0.00 | 14.74 -0.47 0.00 | 14.67 -0.37 0.00 | 15.90 -0.39 0.00 | 16.27 -0.51 0.00 | 18.69 -0.73 0.00 | 21.47 -1.25 0.00 | 25.01 -1.57 0.00 | 29.92 -1.95 0.00 | 26.43 -2.20 0.00 | 23.26 -1.71 0.00 | 17.89 -1.16 0.00 | 15.83 -0.86 0.00 |
| SAWYER___23_KV_LOAD 55526 | 18.19 -0.87 0.00 | 16.97 -0.68 0.00 | 16.16 -0.69 0.00 | 16.88 -0.79 0.00 | 17.58 -0.86 0.00 | 17.68 -0.91 0.00 | 18.60 -1.27 0.00 | 17.86 -1.28 0.00 | 15.63 -1.02 0.00 | 13.63 -0.81 0.00 | 14.50 -0.59 0.00 | 15.49 -0.51 0.00 | 14.74 -0.47 0.00 | 14.67 -0.37 0.00 | 15.90 -0.39 0.00 | 16.27 -0.51 0.00 | 18.69 -0.73 0.00 | 21.47 -1.25 0.00 | 25.01 -1.57 0.00 | 29.92 -1.95 0.00 | 26.43 -2.20 0.00 | 23.26 -1.71 0.00 | 17.89 -1.16 0.00 | 15.83 -0.86 0.00 |
| SELKIRK___I 23801 | 19.37 0.31 0.00 | 17.96 0.30 0.00 | 17.15 0.31 0.00 | 17.99 0.32 0.00 | 18.74 0.30 0.00 | 18.91 0.32 0.00 | 20.23 0.35 0.00 | 19.42 0.28 0.00 | 16.83 0.18 0.00 | 14.59 0.15 0.00 | 15.18 0.09 0.00 | 16.05 0.06 0.00 | 15.30 0.09 0.00 | 15.11 0.08 0.00 | 16.32 0.03 0.00 | 16.80 0.02 0.00 | 19.56 0.15 0.00 | 22.96 0.24 0.00 | 26.97 0.39 0.00 | 32.33 0.46 0.00 | 29.05 0.42 0.00 | 25.32 0.35 0.00 | 19.31 0.26 0.00 | 16.94 0.24 0.00 |

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| SELKIRK___II 23799 | 19.31 0.25 0.00 | 17.90 0.24 0.00 | 17.10 0.25 0.00 | 17.93 0.27 0.00 | 18.68 0.24 0.00 | 18.84 0.24 0.00 | 20.16 0.29 0.00 | 19.41 0.27 0.00 | 16.86 0.21 0.00 | 14.65 0.21 0.00 | 15.25 0.17 0.00 | 16.14 0.14 0.00 | 15.37 0.16 0.00 | 15.17 0.13 0.00 | 16.39 0.10 0.00 | 16.87 0.09 0.00 | 19.58 0.16 0.00 | 22.94 0.22 0.00 | 26.90 0.32 0.00 | 32.25 0.38 0.00 | 28.97 0.35 0.00 | 25.25 0.28 0.00 | 19.25 0.20 0.00 | 16.89 0.20 0.00 |
| SENECA OSWGO___HYD 24041 | 18.63 -0.43 0.00 | 17.27 -0.39 0.00 | 16.48 -0.37 0.00 | 17.27 -0.40 0.00 | 18.01 -0.43 0.00 | 18.17 -0.43 0.00 | 19.41 -0.46 0.00 | 18.69 -0.45 0.00 | 16.25 -0.40 0.00 | 14.07 -0.37 0.00 | 14.72 -0.36 0.00 | 15.63 -0.37 0.00 | 14.88 -0.33 0.00 | 14.74 -0.30 0.00 | 15.97 -0.32 0.00 | 16.43 -0.34 0.00 | 18.96 -0.46 0.00 | 22.13 -0.58 0.00 | 25.88 -0.70 0.00 | 31.03 -0.84 0.00 | 27.78 -0.84 0.00 | 24.23 -0.74 0.00 | 18.51 -0.54 0.00 | 16.25 -0.45 0.00 |
| SENECA___115KV_TB3 355854 | 18.42 -0.64 0.00 | 17.19 -0.47 0.00 | 16.37 -0.48 0.00 | 17.09 -0.58 0.00 | 17.79 -0.65 0.00 | 17.90 -0.70 0.00 | 18.86 -1.01 0.00 | 18.12 -1.02 0.00 | 15.85 -0.80 0.00 | 13.81 -0.63 0.00 | 14.68 -0.40 0.00 | 15.67 -0.33 0.00 | 14.91 -0.30 0.00 | 14.84 -0.20 0.00 | 16.08 -0.21 0.00 | 16.46 -0.31 0.00 | 18.92 -0.50 0.00 | 21.74 -0.97 0.00 | 25.35 -1.23 0.00 | 30.34 -1.52 0.00 | 26.78 -1.85 0.00 | 23.56 -1.41 0.00 | 18.12 -0.93 0.00 | 16.03 -0.67 0.00 |
| SENECA___ENERGY 23797 | 18.92 -0.14 0.00 | 17.57 -0.08 0.00 | 16.75 -0.10 0.00 | 17.52 -0.14 0.00 | 18.26 -0.18 0.00 | 18.40 -0.19 0.00 | 19.59 -0.29 0.00 | 18.90 -0.24 0.00 | 16.42 -0.23 0.00 | 14.22 -0.22 0.00 | 14.95 -0.14 0.00 | 15.87 -0.12 0.00 | 15.16 -0.05 0.00 | 15.04 0.00 0.00 | 16.30 0.01 0.00 | 16.59 -0.18 0.00 | 19.07 -0.34 0.00 | 22.24 -0.48 0.00 | 25.94 -0.64 0.00 | 31.06 -0.80 0.00 | 27.80 -0.83 0.00 | 24.28 -0.68 0.00 | 18.55 -0.50 0.00 | 16.28 -0.41 0.00 |
| SHOEMAKER___GT 23640 | 19.95 0.89 0.00 | 18.49 0.83 0.00 | 17.66 0.81 0.00 | 18.53 0.86 0.00 | 19.27 0.83 0.00 | 19.42 0.83 0.00 | 20.83 0.96 0.00 | 20.09 0.96 0.00 | 17.46 0.81 0.00 | 15.12 0.68 0.00 | 15.73 0.65 0.00 | 16.65 0.65 0.00 | 15.80 0.59 0.00 | 15.60 0.56 0.00 | 16.92 0.64 0.00 | 17.48 0.70 0.00 | 20.29 0.88 0.00 | 23.80 1.09 0.00 | 27.89 1.31 0.00 | 33.47 1.61 0.00 | 30.03 1.41 0.00 | 26.14 1.17 0.00 | 19.92 0.87 0.00 | 17.41 0.72 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 19.94 0.88 0.00 | 18.48 0.82 0.00 | 17.65 0.80 0.00 | 18.52 0.85 0.00 | 19.26 0.82 0.00 | 19.41 0.82 0.00 | 20.83 0.96 0.00 | 20.09 0.95 0.00 | 17.46 0.81 0.00 | 15.13 0.69 0.00 | 15.75 0.66 0.00 | 16.66 0.66 0.00 | 15.82 0.61 0.00 | 15.61 0.57 0.00 | 16.93 0.64 0.00 | 17.49 0.71 0.00 | 20.29 0.88 0.00 | 23.80 1.09 0.00 | 27.88 1.31 0.00 | 33.46 1.60 0.00 | 30.01 1.39 0.00 | 26.13 1.16 0.00 | 19.91 0.87 0.00 | 17.40 0.71 0.00 |
| SHOREHAM_IC_1 23715 | 20.42 1.36 0.00 | 19.10 1.44 0.00 | 18.26 1.42 0.00 | 19.13 1.46 0.00 | 19.91 1.47 0.00 | 20.21 1.61 0.00 | 21.88 2.00 0.00 | 21.11 1.98 0.00 | 18.24 1.60 0.00 | 15.64 1.20 0.00 | 16.11 1.03 0.00 | 17.26 1.26 0.00 | 16.29 1.08 0.00 | 103.05 0.92 -87.10 | 29.95 1.00 -12.66 | 48.32 1.25 -30.29 | 26.74 1.37 -5.96 | 25.95 1.70 -1.53 | 55.09 2.19 -26.32 | 56.80 2.64 -22.30 | 51.11 2.33 -20.15 | 34.18 1.92 -7.29 | 31.72 1.50 -11.18 | 31.00 1.08 -13.22 |
| SHOREHAM_IC_2 23716 | 20.42 1.36 0.00 | 19.10 1.44 0.00 | 18.26 1.42 0.00 | 19.13 1.46 0.00 | 19.91 1.47 0.00 | 20.21 1.61 0.00 | 21.88 2.00 0.00 | 21.11 1.98 0.00 | 18.24 1.60 0.00 | 15.64 1.20 0.00 | 16.11 1.03 0.00 | 17.26 1.26 0.00 | 16.29 1.08 0.00 | 103.05 0.92 -87.10 | 29.95 1.00 -12.66 | 48.32 1.25 -30.29 | 26.74 1.37 -5.96 | 25.95 1.70 -1.53 | 55.09 2.19 -26.32 | 56.80 2.64 -22.30 | 51.11 2.33 -20.15 | 34.18 1.92 -7.29 | 31.72 1.50 -11.18 | 31.00 1.08 -13.22 |
| SISSONVILLE____ 23735 | 18.34 -0.72 0.00 | 16.94 -0.72 0.00 | 16.15 -0.70 0.00 | 16.96 -0.71 0.00 | 17.80 -0.64 0.00 | 17.96 -0.64 0.00 | 19.17 -0.71 0.00 | 18.43 -0.71 0.00 | 16.06 -0.59 0.00 | 13.93 -0.51 0.00 | 14.54 -0.55 0.00 | 15.40 -0.59 0.00 | 14.64 -0.57 0.00 | 14.49 -0.55 0.00 | 15.72 -0.57 0.00 | 16.23 -0.55 0.00 | 18.79 -0.62 0.00 | 22.10 -0.61 0.00 | 25.85 -0.73 0.00 | 31.03 -0.83 0.00 | 28.06 -0.56 0.00 | 24.50 -0.47 0.00 | 18.64 -0.40 0.00 | 16.29 -0.41 0.00 |
| SITHE_IND_GS1 24169 | 18.50 -0.56 0.00 | 17.15 -0.50 0.00 | 16.37 -0.48 0.00 | 17.16 -0.51 0.00 | 17.90 -0.54 0.00 | 18.05 -0.55 0.00 | 19.27 -0.60 0.00 | 18.55 -0.59 0.00 | 16.14 -0.51 0.00 | 14.00 -0.44 0.00 | 14.64 -0.44 0.00 | 15.54 -0.46 0.00 | 14.79 -0.42 0.00 | 14.63 -0.40 0.00 | 15.85 -0.44 0.00 | 16.31 -0.46 0.00 | 18.82 -0.60 0.00 | 21.95 -0.77 0.00 | 25.66 -0.92 0.00 | 30.76 -1.11 0.00 | 27.56 -1.06 0.00 | 24.06 -0.92 0.00 | 18.38 -0.67 0.00 | 16.14 -0.56 0.00 |
| SITHE_IND_GS2 24170 | 18.50 -0.56 0.00 | 17.15 -0.50 0.00 | 16.37 -0.48 0.00 | 17.16 -0.51 0.00 | 17.90 -0.54 0.00 | 18.05 -0.55 0.00 | 19.27 -0.60 0.00 | 18.55 -0.59 0.00 | 16.14 -0.51 0.00 | 14.00 -0.44 0.00 | 14.64 -0.44 0.00 | 15.54 -0.46 0.00 | 14.79 -0.42 0.00 | 14.63 -0.40 0.00 | 15.85 -0.44 0.00 | 16.31 -0.46 0.00 | 18.82 -0.60 0.00 | 21.95 -0.77 0.00 | 25.66 -0.92 0.00 | 30.76 -1.11 0.00 | 27.56 -1.06 0.00 | 24.06 -0.92 0.00 | 18.38 -0.67 0.00 | 16.14 -0.56 0.00 |
| SITHE_IND_GS3 24171 | 18.50 -0.56 0.00 | 17.15 -0.50 0.00 | 16.37 -0.48 0.00 | 17.16 -0.51 0.00 | 17.90 -0.54 0.00 | 18.05 -0.55 0.00 | 19.27 -0.60 0.00 | 18.55 -0.59 0.00 | 16.14 -0.51 0.00 | 14.00 -0.44 0.00 | 14.64 -0.44 0.00 | 15.54 -0.46 0.00 | 14.79 -0.42 0.00 | 14.63 -0.40 0.00 | 15.85 -0.44 0.00 | 16.31 -0.46 0.00 | 18.82 -0.60 0.00 | 21.95 -0.77 0.00 | 25.66 -0.92 0.00 | 30.76 -1.11 0.00 | 27.56 -1.06 0.00 | 24.06 -0.92 0.00 | 18.38 -0.67 0.00 | 16.14 -0.56 0.00 |
| SITHE_IND_GS4 24172 | 18.50 -0.56 0.00 | 17.15 -0.50 0.00 | 16.37 -0.48 0.00 | 17.16 -0.51 0.00 | 17.90 -0.54 0.00 | 18.05 -0.55 0.00 | 19.27 -0.60 0.00 | 18.55 -0.59 0.00 | 16.14 -0.51 0.00 | 14.00 -0.44 0.00 | 14.64 -0.44 0.00 | 15.54 -0.46 0.00 | 14.79 -0.42 0.00 | 14.63 -0.40 0.00 | 15.85 -0.44 0.00 | 16.31 -0.46 0.00 | 18.82 -0.60 0.00 | 21.95 -0.77 0.00 | 25.66 -0.92 0.00 | 30.76 -1.11 0.00 | 27.56 -1.06 0.00 | 24.06 -0.92 0.00 | 18.38 -0.67 0.00 | 16.14 -0.56 0.00 |
| SITHE___BATAVIA 24024 | 18.63 -0.43 0.00 | 17.35 -0.30 0.00 | 16.52 -0.33 0.00 | 17.27 -0.40 0.00 | 18.00 -0.44 0.00 | 18.12 -0.47 0.00 | 19.11 -0.76 0.00 | 18.37 -0.77 0.00 | 16.07 -0.58 0.00 | 14.03 -0.41 0.00 | 14.88 -0.21 0.00 | 15.89 -0.11 0.00 | 15.06 -0.15 0.00 | 14.95 -0.09 0.00 | 16.22 -0.07 0.00 | 16.60 -0.18 0.00 | 19.15 -0.26 0.00 | 21.99 -0.72 0.00 | 25.64 -0.94 0.00 | 30.76 -1.11 0.00 | 27.31 -1.32 0.00 | 23.98 -0.99 0.00 | 18.40 -0.65 0.00 | 16.23 -0.47 0.00 |
| SITHE___INDEPEND 23800 | 18.50 -0.56 0.00 | 17.15 -0.50 0.00 | 16.37 -0.48 0.00 | 17.16 -0.51 0.00 | 17.90 -0.54 0.00 | 18.05 -0.55 0.00 | 19.27 -0.60 0.00 | 18.55 -0.59 0.00 | 16.14 -0.51 0.00 | 14.00 -0.44 0.00 | 14.65 -0.44 0.00 | 15.54 -0.46 0.00 | 14.79 -0.43 0.00 | 14.63 -0.41 0.00 | 15.85 -0.44 0.00 | 16.31 -0.47 0.00 | 18.82 -0.60 0.00 | 21.95 -0.77 0.00 | 25.66 -0.92 0.00 | 30.76 -1.11 0.00 | 27.56 -1.06 0.00 | 24.05 -0.92 0.00 | 18.38 -0.67 0.00 | 16.14 -0.55 0.00 |

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| SITHE___MASSENA 23902 | 18.91 -0.15 0.00 | 17.49 -0.17 0.00 | 16.68 -0.17 0.00 | 17.50 -0.17 0.00 | 18.34 -0.10 0.00 | 18.47 -0.12 0.00 | 19.71 -0.17 0.00 | 18.96 -0.18 0.00 | 16.52 -0.13 0.00 | 14.35 -0.09 0.00 | 15.02 -0.06 0.00 | 15.95 -0.05 0.00 | 15.16 -0.05 0.00 | 15.00 -0.03 0.00 | 16.26 -0.03 0.00 | 16.75 -0.03 0.00 | 19.38 -0.03 0.00 | 22.72 0.01 0.00 | 26.53 -0.04 0.00 | 31.83 -0.04 0.00 | 28.76 0.13 0.00 | 25.12 0.15 0.00 | 19.13 0.09 0.00 | 16.76 0.06 0.00 |
| SITHE___OGDNSBRG 24021 | 18.94 -0.12 0.00 | 17.50 -0.15 0.00 | 16.69 -0.16 0.00 | 17.51 -0.16 0.00 | 18.36 -0.08 0.00 | 18.52 -0.07 0.00 | 19.75 -0.12 0.00 | 18.94 -0.20 0.00 | 16.45 -0.20 0.00 | 14.26 -0.18 0.00 | 14.90 -0.19 0.00 | 15.81 -0.19 0.00 | 15.04 -0.17 0.00 | 14.89 -0.15 0.00 | 16.14 -0.14 0.00 | 16.74 -0.04 0.00 | 19.42 0.01 0.00 | 22.82 0.11 0.00 | 26.67 0.09 0.00 | 32.01 0.14 0.00 | 28.94 0.32 0.00 | 25.28 0.31 0.00 | 19.23 0.19 0.00 | 16.82 0.13 0.00 |
| SITHE___STERLING 23777 | 19.43 0.37 0.00 | 17.97 0.32 0.00 | 17.14 0.30 0.00 | 17.97 0.30 0.00 | 18.77 0.33 0.00 | 18.98 0.39 0.00 | 20.27 0.40 0.00 | 19.49 0.35 0.00 | 16.88 0.23 0.00 | 14.59 0.15 0.00 | 15.18 0.10 0.00 | 16.11 0.12 0.00 | 15.30 0.09 0.00 | 15.20 0.17 0.00 | 16.52 0.23 0.00 | 17.04 0.27 0.00 | 19.68 0.26 0.00 | 23.07 0.36 0.00 | 27.05 0.47 0.00 | 32.44 0.57 0.00 | 29.06 0.43 0.00 | 25.32 0.35 0.00 | 19.28 0.24 0.00 | 16.90 0.20 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 18.62 -0.43 0.00 | 17.31 -0.35 0.00 | 16.49 -0.36 0.00 | 17.26 -0.41 0.00 | 18.01 -0.43 0.00 | 18.15 -0.44 0.00 | 19.30 -0.57 0.00 | 18.59 -0.55 0.00 | 16.19 -0.46 0.00 | 14.05 -0.39 0.00 | 14.81 -0.28 0.00 | 15.75 -0.24 0.00 | 15.02 -0.19 0.00 | 14.88 -0.15 0.00 | 16.14 -0.15 0.00 | 16.50 -0.28 0.00 | 19.01 -0.41 0.00 | 22.09 -0.63 0.00 | 25.77 -0.81 0.00 | 30.88 -0.99 0.00 | 27.56 -1.07 0.00 | 24.08 -0.89 0.00 | 18.42 -0.63 0.00 | 16.17 -0.52 0.00 |
| SOUTH CAIRO___GT 23612 | 19.81 0.75 0.00 | 18.34 0.69 0.00 | 17.52 0.68 0.00 | 18.38 0.72 0.00 | 19.16 0.72 0.00 | 19.36 0.77 0.00 | 20.72 0.85 0.00 | 19.86 0.72 0.00 | 17.10 0.46 0.00 | 14.73 0.29 0.00 | 15.25 0.16 0.00 | 16.08 0.08 0.00 | 15.38 0.17 0.00 | 15.21 0.17 0.00 | 16.36 0.08 0.00 | 16.87 0.09 0.00 | 19.77 0.36 0.00 | 23.33 0.61 0.00 | 27.69 1.11 0.00 | 33.31 1.44 0.00 | 29.91 1.28 0.00 | 26.02 1.05 0.00 | 19.79 0.74 0.00 | 17.35 0.66 0.00 |
| SOUTH HAMPTN___IC 23720 | 20.75 1.69 0.00 | 19.39 1.74 0.00 | 18.54 1.69 0.00 | 19.41 1.75 0.00 | 20.22 1.78 0.00 | 20.50 1.91 0.00 | 22.17 2.30 0.00 | 21.38 2.25 0.00 | 18.48 1.83 0.00 | 15.85 1.41 0.00 | 16.35 1.26 0.00 | 17.48 1.48 0.00 | 16.48 1.27 0.00 | 103.17 1.03 -87.10 | 30.06 1.11 -12.66 | 48.45 1.38 -30.29 | 26.92 1.55 -5.96 | 26.14 1.89 -1.53 | 55.30 2.40 -26.32 | 57.08 2.92 -22.30 | 51.33 2.56 -20.15 | 34.38 2.12 -7.29 | 31.86 1.63 -11.18 | 31.12 1.20 -13.22 |
| SOUTHDOW__115KV_TB1 355954 | 18.75 -0.31 0.00 | 17.49 -0.17 0.00 | 16.65 -0.20 0.00 | 17.38 -0.29 0.00 | 18.08 -0.36 0.00 | 18.20 -0.39 0.00 | 19.23 -0.64 0.00 | 18.55 -0.59 0.00 | 16.20 -0.45 0.00 | 14.18 -0.25 0.00 | 15.04 -0.05 0.00 | 16.04 0.04 0.00 | 15.23 0.02 0.00 | 15.16 0.12 0.00 | 16.47 0.18 0.00 | 16.92 0.14 0.00 | 19.43 0.01 0.00 | 22.29 -0.42 0.00 | 26.01 -0.57 0.00 | 31.17 -0.70 0.00 | 27.33 -1.29 0.00 | 24.06 -0.91 0.00 | 18.51 -0.54 0.00 | 16.28 -0.42 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 20.89 1.83 0.00 | 19.52 1.86 0.00 | 18.66 1.81 0.00 | 19.53 1.87 0.00 | 20.36 1.92 0.00 | 20.65 2.05 0.00 | 22.32 2.45 0.00 | 21.53 2.39 0.00 | 18.60 1.95 0.00 | 15.95 1.51 0.00 | 16.44 1.35 0.00 | 17.58 1.58 0.00 | 16.56 1.35 0.00 | 103.05 0.91 -87.10 | 29.95 1.01 -12.66 | 48.50 1.43 -30.29 | 26.97 1.60 -5.96 | 26.19 1.95 -1.53 | 55.40 2.50 -26.32 | 57.18 3.02 -22.30 | 51.42 2.65 -20.15 | 34.45 2.19 -7.29 | 31.89 1.67 -11.18 | 31.15 1.24 -13.22 |
| SOUTHOLD___IC 23719 | 20.89 1.83 0.00 | 19.52 1.86 0.00 | 18.66 1.82 0.00 | 19.53 1.87 0.00 | 20.36 1.92 0.00 | 20.65 2.06 0.00 | 22.32 2.45 0.00 | 21.53 2.39 0.00 | 18.60 1.95 0.00 | 15.95 1.51 0.00 | 16.44 1.35 0.00 | 17.58 1.58 0.00 | 16.56 1.35 0.00 | 103.05 0.91 -87.10 | 29.95 1.00 -12.66 | 48.49 1.43 -30.29 | 26.97 1.60 -5.96 | 26.19 1.95 -1.53 | 55.40 2.50 -26.32 | 57.18 3.02 -22.30 | 51.42 2.65 -20.15 | 34.45 2.19 -7.29 | 31.89 1.67 -11.18 | 31.15 1.24 -13.22 |
| SOUTH_FORK_WT_PWR 323839 | 20.93 1.87 0.00 | 19.56 1.90 0.00 | 18.70 1.85 0.00 | 19.57 1.90 0.00 | 20.40 1.96 0.00 | 20.69 2.10 0.00 | 22.34 2.46 0.00 | 21.53 2.39 0.00 | 18.61 1.96 0.00 | 15.97 1.54 0.00 | 16.47 1.38 0.00 | 17.61 1.61 0.00 | 16.57 1.36 0.00 | 103.11 0.96 -87.10 | 30.01 1.06 -12.66 | 48.42 1.35 -30.29 | 26.85 1.48 -5.96 | 26.02 1.78 -1.53 | 55.21 2.31 -26.32 | 56.96 2.80 -22.30 | 51.22 2.44 -20.15 | 34.26 2.00 -7.29 | 31.75 1.53 -11.18 | 31.03 1.11 -13.22 |
| SPIERFLS_115KV_TB 1 80737 | 19.54 0.48 0.00 | 18.08 0.42 0.00 | 17.31 0.46 0.00 | 18.21 0.54 0.00 | 18.93 0.50 0.00 | 19.09 0.50 0.00 | 20.50 0.63 0.00 | 19.68 0.54 0.00 | 17.03 0.38 0.00 | 14.65 0.21 0.00 | 15.16 0.07 0.00 | 16.04 0.04 0.00 | 15.29 0.08 0.00 | 15.04 0.01 0.00 | 16.30 0.00 0.00 | 16.85 0.07 0.00 | 19.67 0.26 0.00 | 23.25 0.53 0.00 | 27.44 0.86 0.00 | 32.87 1.01 0.00 | 29.54 0.91 0.00 | 25.70 0.73 0.00 | 19.50 0.46 0.00 | 17.06 0.37 0.00 |
| ST LAWRENCE___ 23600 | 18.79 -0.27 0.00 | 17.39 -0.27 0.00 | 16.58 -0.27 0.00 | 17.40 -0.27 0.00 | 18.22 -0.22 0.00 | 18.35 -0.24 0.00 | 19.58 -0.30 0.00 | 18.84 -0.29 0.00 | 16.42 -0.22 0.00 | 14.27 -0.17 0.00 | 14.95 -0.14 0.00 | 15.87 -0.12 0.00 | 15.09 -0.13 0.00 | 14.93 -0.11 0.00 | 16.16 -0.12 0.00 | 16.64 -0.13 0.00 | 19.26 -0.15 0.00 | 22.57 -0.15 0.00 | 26.35 -0.23 0.00 | 31.60 -0.26 0.00 | 28.56 -0.07 0.00 | 24.94 -0.03 0.00 | 19.00 -0.05 0.00 | 16.64 -0.05 0.00 |
| STATE_CA_115KV_115_LB 55624 | 19.23 0.17 0.00 | 17.82 0.16 0.00 | 17.03 0.18 0.00 | 17.86 0.18 0.00 | 18.60 0.16 0.00 | 18.76 0.17 0.00 | 20.08 0.21 0.00 | 19.34 0.20 0.00 | 16.81 0.16 0.00 | 14.66 0.22 0.00 | 15.24 0.15 0.00 | 16.09 0.10 0.00 | 15.37 0.16 0.00 | 15.17 0.14 0.00 | 16.35 0.06 0.00 | 16.83 0.05 0.00 | 19.54 0.13 0.00 | 22.89 0.18 0.00 | 26.84 0.26 0.00 | 32.16 0.29 0.00 | 28.90 0.28 0.00 | 25.17 0.20 0.00 | 19.18 0.13 0.00 | 16.83 0.14 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 19.27 0.20 0.00 | 17.90 0.25 0.00 | 17.08 0.23 0.00 | 17.89 0.22 0.00 | 18.66 0.22 0.00 | 18.80 0.20 0.00 | 20.02 0.15 0.00 | 19.32 0.18 0.00 | 16.76 0.11 0.00 | 14.48 0.04 0.00 | 15.19 0.10 0.00 | 16.14 0.14 0.00 | 15.45 0.24 0.00 | 15.31 0.27 0.00 | 16.59 0.29 0.00 | 16.82 0.04 0.00 | 19.36 -0.05 0.00 | 22.63 -0.09 0.00 | 26.36 -0.22 0.00 | 31.62 -0.25 0.00 | 28.35 -0.28 0.00 | 24.72 -0.24 0.00 | 18.90 -0.15 0.00 | 16.53 -0.17 0.00 |
| STATION 5_MISC_HYD 23604 | 18.55 -0.51 0.00 | 17.26 -0.40 0.00 | 16.44 -0.41 0.00 | 17.19 -0.48 0.00 | 17.93 -0.51 0.00 | 18.06 -0.53 0.00 | 19.14 -0.74 0.00 | 18.40 -0.74 0.00 | 16.07 -0.58 0.00 | 13.98 -0.46 0.00 | 14.78 -0.31 0.00 | 15.75 -0.24 0.00 | 14.99 -0.22 0.00 | 14.87 -0.17 0.00 | 16.12 -0.17 0.00 | 16.53 -0.24 0.00 | 19.03 -0.39 0.00 | 22.02 -0.70 0.00 | 25.67 -0.91 0.00 | 30.76 -1.11 0.00 | 27.37 -1.26 0.00 | 23.98 -0.99 0.00 | 18.36 -0.69 0.00 | 16.17 -0.52 0.00 |

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| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 18.82 -0.24 0.00 | 17.48 -0.17 0.00 | 16.66 -0.19 0.00 | 17.43 -0.24 0.00 | 18.18 -0.26 0.00 | 18.33 -0.27 0.00 | 19.48 -0.39 0.00 | 18.75 -0.38 0.00 | 16.34 -0.30 0.00 | 14.19 -0.24 0.00 | 14.97 -0.12 0.00 | 15.92 -0.07 0.00 | 15.17 -0.04 0.00 | 15.04 0.00 0.00 | 16.29 0.00 0.00 | 16.68 -0.10 0.00 | 19.21 -0.20 0.00 | 22.30 -0.42 0.00 | 26.02 -0.56 0.00 | 31.17 -0.69 0.00 | 27.80 -0.82 0.00 | 24.32 -0.65 0.00 | 18.58 -0.46 0.00 | 16.34 -0.36 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 18.53 -0.53 0.00 | 17.23 -0.43 0.00 | 16.41 -0.44 0.00 | 17.16 -0.51 0.00 | 17.90 -0.54 0.00 | 18.04 -0.56 0.00 | 19.12 -0.75 0.00 | 18.40 -0.74 0.00 | 16.07 -0.58 0.00 | 13.98 -0.45 0.00 | 14.78 -0.31 0.00 | 15.75 -0.25 0.00 | 14.99 -0.22 0.00 | 14.86 -0.18 0.00 | 16.11 -0.18 0.00 | 16.51 -0.26 0.00 | 19.04 -0.37 0.00 | 22.04 -0.68 0.00 | 25.70 -0.88 0.00 | 30.79 -1.07 0.00 | 27.41 -1.22 0.00 | 24.00 -0.97 0.00 | 18.36 -0.68 0.00 | 16.16 -0.54 0.00 |
| STA_56____34_KV_BUS2 355983 | 18.53 -0.53 0.00 | 17.23 -0.43 0.00 | 16.41 -0.44 0.00 | 17.16 -0.51 0.00 | 17.90 -0.54 0.00 | 18.04 -0.56 0.00 | 19.12 -0.75 0.00 | 18.40 -0.74 0.00 | 16.07 -0.58 0.00 | 13.98 -0.45 0.00 | 14.78 -0.31 0.00 | 15.75 -0.25 0.00 | 14.99 -0.22 0.00 | 14.86 -0.18 0.00 | 16.11 -0.18 0.00 | 16.51 -0.26 0.00 | 19.04 -0.37 0.00 | 22.04 -0.68 0.00 | 25.70 -0.88 0.00 | 30.79 -1.07 0.00 | 27.41 -1.22 0.00 | 24.00 -0.97 0.00 | 18.36 -0.68 0.00 | 16.16 -0.54 0.00 |
| STA_67____115KV_BK2 355882 | 18.52 -0.54 0.00 | 17.23 -0.43 0.00 | 16.41 -0.44 0.00 | 17.16 -0.50 0.00 | 17.90 -0.54 0.00 | 18.03 -0.56 0.00 | 19.10 -0.78 0.00 | 18.37 -0.77 0.00 | 16.04 -0.61 0.00 | 13.95 -0.48 0.00 | 14.75 -0.34 0.00 | 15.72 -0.27 0.00 | 14.96 -0.25 0.00 | 14.84 -0.20 0.00 | 16.09 -0.20 0.00 | 16.48 -0.30 0.00 | 18.99 -0.42 0.00 | 21.97 -0.74 0.00 | 25.62 -0.96 0.00 | 30.70 -1.17 0.00 | 27.31 -1.32 0.00 | 23.93 -1.04 0.00 | 18.33 -0.72 0.00 | 16.15 -0.55 0.00 |
| STA_7____115KV_9TRANS 80674 | 18.62 -0.44 0.00 | 17.31 -0.34 0.00 | 16.49 -0.36 0.00 | 17.25 -0.42 0.00 | 17.99 -0.45 0.00 | 18.12 -0.47 0.00 | 19.20 -0.68 0.00 | 18.46 -0.68 0.00 | 16.12 -0.53 0.00 | 14.04 -0.40 0.00 | 14.84 -0.25 0.00 | 15.82 -0.18 0.00 | 15.05 -0.16 0.00 | 14.92 -0.11 0.00 | 16.17 -0.12 0.00 | 16.57 -0.20 0.00 | 19.11 -0.31 0.00 | 22.11 -0.60 0.00 | 25.79 -0.79 0.00 | 30.90 -0.96 0.00 | 27.49 -1.13 0.00 | 24.09 -0.88 0.00 | 18.44 -0.61 0.00 | 16.23 -0.46 0.00 |
| STA_82____115KV_TB1 80780 | 18.53 -0.53 0.00 | 17.24 -0.42 0.00 | 16.42 -0.43 0.00 | 17.18 -0.49 0.00 | 17.91 -0.53 0.00 | 18.04 -0.55 0.00 | 19.12 -0.76 0.00 | 18.37 -0.76 0.00 | 16.04 -0.60 0.00 | 13.97 -0.47 0.00 | 14.76 -0.32 0.00 | 15.73 -0.26 0.00 | 14.97 -0.24 0.00 | 14.85 -0.19 0.00 | 16.10 -0.19 0.00 | 16.49 -0.29 0.00 | 19.00 -0.41 0.00 | 21.99 -0.73 0.00 | 25.64 -0.94 0.00 | 30.72 -1.15 0.00 | 27.33 -1.30 0.00 | 23.94 -1.03 0.00 | 18.34 -0.71 0.00 | 16.15 -0.54 0.00 |
| STEEL____WIND 323596 | 18.40 -0.66 0.00 | 17.18 -0.48 0.00 | 16.36 -0.49 0.00 | 17.08 -0.59 0.00 | 17.79 -0.65 0.00 | 17.88 -0.71 0.00 | 18.86 -1.02 0.00 | 18.11 -1.03 0.00 | 15.83 -0.82 0.00 | 13.79 -0.65 0.00 | 14.66 -0.43 0.00 | 15.64 -0.36 0.00 | 14.89 -0.32 0.00 | 14.81 -0.22 0.00 | 16.06 -0.23 0.00 | 16.46 -0.31 0.00 | 18.89 -0.52 0.00 | 21.71 -1.01 0.00 | 25.30 -1.28 0.00 | 30.30 -1.57 0.00 | 26.74 -1.89 0.00 | 23.53 -1.44 0.00 | 18.09 -0.96 0.00 | 15.99 -0.70 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 19.44 0.39 0.00 | 18.00 0.35 0.00 | 17.19 0.34 0.00 | 18.03 0.37 0.00 | 18.80 0.36 0.00 | 18.96 0.37 0.00 | 20.33 0.46 0.00 | 19.55 0.41 0.00 | 16.97 0.32 0.00 | 14.74 0.31 0.00 | 15.34 0.25 0.00 | 16.23 0.23 0.00 | 15.47 0.26 0.00 | 15.24 0.20 0.00 | 16.43 0.14 0.00 | 16.93 0.15 0.00 | 19.70 0.29 0.00 | 23.12 0.41 0.00 | 27.08 0.50 0.00 | 32.50 0.64 0.00 | 29.21 0.58 0.00 | 25.42 0.45 0.00 | 19.35 0.30 0.00 | 16.98 0.28 0.00 |
| STEUBEN_REC_LFGE 323667 | 18.14 -0.91 0.00 | 16.95 -0.70 0.00 | 16.15 -0.70 0.00 | 16.84 -0.82 0.00 | 17.45 -0.99 0.00 | 17.60 -1.00 0.00 | 18.71 -1.16 0.00 | 18.05 -1.08 0.00 | 15.69 -0.96 0.00 | 13.59 -0.85 0.00 | 14.44 -0.65 0.00 | 15.31 -0.69 0.00 | 14.52 -0.69 0.00 | 14.42 -0.62 0.00 | 15.72 -0.57 0.00 | 16.19 -0.58 0.00 | 18.57 -0.84 0.00 | 21.46 -1.26 0.00 | 25.14 -1.44 0.00 | 30.13 -1.74 0.00 | 26.66 -1.97 0.00 | 23.44 -1.53 0.00 | 17.90 -1.14 0.00 | 15.77 -0.93 0.00 |
| STILLWATER____SOLAR 323814 | 19.69 0.63 0.00 | 18.23 0.58 0.00 | 17.44 0.59 0.00 | 18.31 0.64 0.00 | 19.06 0.62 0.00 | 19.22 0.63 0.00 | 20.60 0.73 0.00 | 19.79 0.65 0.00 | 17.12 0.47 0.00 | 14.76 0.32 0.00 | 15.32 0.23 0.00 | 16.20 0.21 0.00 | 15.44 0.23 0.00 | 15.22 0.18 0.00 | 16.47 0.18 0.00 | 17.03 0.25 0.00 | 19.84 0.42 0.00 | 23.38 0.67 0.00 | 27.49 0.91 0.00 | 32.98 1.11 0.00 | 29.62 0.99 0.00 | 25.80 0.83 0.00 | 19.63 0.58 0.00 | 17.19 0.50 0.00 |
| STONY____BROOK 24151 | 20.51 1.45 0.00 | 19.11 1.45 0.00 | 18.26 1.41 0.00 | 19.13 1.46 0.00 | 19.90 1.46 0.00 | 20.08 1.49 0.00 | 21.66 1.79 0.00 | 20.93 1.79 0.00 | 18.10 1.45 0.00 | 15.58 1.14 0.00 | 16.16 1.07 0.00 | 17.24 1.24 0.00 | 16.30 1.09 0.00 | 103.11 0.97 -87.10 | 30.05 1.11 -12.66 | 48.33 1.26 -30.29 | 26.88 1.51 -5.96 | 26.07 1.83 -1.53 | 55.08 2.18 -26.32 | 56.79 2.63 -22.30 | 51.09 2.32 -20.15 | 34.22 1.96 -7.29 | 31.78 1.55 -11.18 | 31.10 1.18 -13.22 |
| STURGEON_POOL_HYD 23609 | 20.23 1.17 0.00 | 18.76 1.10 0.00 | 17.92 1.07 0.00 | 18.79 1.12 0.00 | 19.54 1.10 0.00 | 19.68 1.09 0.00 | 21.15 1.27 0.00 | 20.44 1.30 0.00 | 17.78 1.13 0.00 | 15.40 0.96 0.00 | 16.03 0.94 0.00 | 16.97 0.97 0.00 | 16.07 0.86 0.00 | 15.86 0.83 0.00 | 17.22 0.93 0.00 | 17.78 1.01 0.00 | 20.65 1.24 0.00 | 24.22 1.50 0.00 | 28.38 1.81 0.00 | 34.05 2.18 0.00 | 30.56 1.93 0.00 | 26.58 1.61 0.00 | 20.25 1.21 0.00 | 17.67 0.97 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 20.03 0.96 0.00 | 18.55 0.90 0.00 | 17.73 0.88 0.00 | 18.60 0.93 0.00 | 19.34 0.90 0.00 | 19.49 0.90 0.00 | 20.92 1.05 0.00 | 20.19 1.05 0.00 | 17.56 0.91 0.00 | 15.22 0.78 0.00 | 15.84 0.75 0.00 | 16.76 0.76 0.00 | 15.91 0.70 0.00 | 15.69 0.66 0.00 | 17.02 0.73 0.00 | 17.57 0.79 0.00 | 20.40 0.98 0.00 | 23.92 1.20 0.00 | 28.02 1.44 0.00 | 33.61 1.74 0.00 | 30.15 1.52 0.00 | 26.23 1.26 0.00 | 19.99 0.94 0.00 | 17.46 0.77 0.00 |
| SWANROAD_115KV_TB1 355699 | 17.82 -1.23 0.00 | 16.63 -1.03 0.00 | 15.84 -1.01 0.00 | 16.54 -1.13 0.00 | 17.23 -1.21 0.00 | 17.32 -1.27 0.00 | 18.18 -1.69 0.00 | 17.44 -1.69 0.00 | 15.30 -1.35 0.00 | 13.34 -1.10 0.00 | 14.18 -0.91 0.00 | 15.16 -0.84 0.00 | 14.43 -0.78 0.00 | 14.35 -0.69 0.00 | 15.55 -0.74 0.00 | 15.90 -0.87 0.00 | 18.28 -1.14 0.00 | 20.97 -1.75 0.00 | 24.43 -2.15 0.00 | 29.22 -2.65 0.00 | 25.83 -2.79 0.00 | 22.74 -2.23 0.00 | 17.52 -1.53 0.00 | 15.52 -1.17 0.00 |
| SYNERGY____BIOGAS 323694 | 18.63 -0.43 0.00 | 17.35 -0.30 0.00 | 16.52 -0.33 0.00 | 17.27 -0.40 0.00 | 18.00 -0.44 0.00 | 18.12 -0.47 0.00 | 19.11 -0.76 0.00 | 18.37 -0.77 0.00 | 16.07 -0.58 0.00 | 14.03 -0.41 0.00 | 14.88 -0.21 0.00 | 15.89 -0.11 0.00 | 15.06 -0.15 0.00 | 14.95 -0.09 0.00 | 16.22 -0.07 0.00 | 16.60 -0.18 0.00 | 19.15 -0.26 0.00 | 21.99 -0.72 0.00 | 25.64 -0.94 0.00 | 30.76 -1.11 0.00 | 27.31 -1.32 0.00 | 23.98 -0.99 0.00 | 18.40 -0.65 0.00 | 16.23 -0.47 0.00 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| SYRACUSE___ENERGY_ST1 323597 | 19.11 0.05 0.00 | 17.73 0.07 0.00 | 16.92 0.07 0.00 | 17.73 0.06 0.00 | 18.49 0.05 0.00 | 18.64 0.05 0.00 | 19.89 0.02 0.00 | 19.16 0.03 0.00 | 16.65 0.00 0.00 | 14.43 -0.01 0.00 | 15.11 0.02 0.00 | 16.05 0.05 0.00 | 15.30 0.09 0.00 | 15.16 0.12 0.00 | 16.43 0.14 0.00 | 16.74 -0.04 0.00 | 19.25 -0.17 0.00 | 22.47 -0.24 0.00 | 26.27 -0.31 0.00 | 31.49 -0.37 0.00 | 28.20 -0.43 0.00 | 24.60 -0.38 0.00 | 18.78 -0.26 0.00 | 16.47 -0.22 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 19.11 0.05 0.00 | 17.73 0.07 0.00 | 16.92 0.07 0.00 | 17.73 0.06 0.00 | 18.49 0.05 0.00 | 18.64 0.05 0.00 | 19.89 0.02 0.00 | 19.16 0.03 0.00 | 16.65 0.00 0.00 | 14.43 -0.01 0.00 | 15.11 0.02 0.00 | 16.05 0.05 0.00 | 15.30 0.09 0.00 | 15.16 0.12 0.00 | 16.43 0.14 0.00 | 16.74 -0.04 0.00 | 19.25 -0.17 0.00 | 22.47 -0.24 0.00 | 26.27 -0.31 0.00 | 31.49 -0.37 0.00 | 28.20 -0.43 0.00 | 24.60 -0.38 0.00 | 18.78 -0.26 0.00 | 16.47 -0.22 0.00 |
| SYRACUSE___POWER 24017 | 19.03 -0.03 0.00 | 17.65 -0.01 0.00 | 16.84 -0.01 0.00 | 17.65 -0.02 0.00 | 18.40 -0.05 0.00 | 18.56 -0.03 0.00 | 19.82 -0.05 0.00 | 19.08 -0.06 0.00 | 16.58 -0.07 0.00 | 14.36 -0.08 0.00 | 15.04 -0.05 0.00 | 15.97 -0.03 0.00 | 15.21 -0.01 0.00 | 15.07 0.03 0.00 | 16.33 0.04 0.00 | 16.76 -0.02 0.00 | 19.32 -0.10 0.00 | 22.55 -0.16 0.00 | 26.40 -0.18 0.00 | 31.64 -0.22 0.00 | 28.31 -0.31 0.00 | 24.70 -0.27 0.00 | 18.86 -0.19 0.00 | 16.54 -0.15 0.00 |
| TALLMAN___138KV_BK151 55660 | 20.12 1.07 0.00 | 18.64 0.98 0.00 | 17.81 0.97 0.00 | 18.69 1.02 0.00 | 19.43 0.99 0.00 | 19.58 0.98 0.00 | 21.03 1.16 0.00 | 20.30 1.17 0.00 | 17.67 1.02 0.00 | 15.33 0.89 0.00 | 15.95 0.86 0.00 | 16.88 0.88 0.00 | 16.02 0.81 0.00 | 15.80 0.76 0.00 | 17.12 0.83 0.00 | 17.67 0.89 0.00 | 20.52 1.10 0.00 | 24.05 1.34 0.00 | 28.17 1.59 0.00 | 33.79 1.93 0.00 | 30.30 1.67 0.00 | 26.34 1.37 0.00 | 20.08 1.03 0.00 | 17.53 0.83 0.00 |
| TEALLAVE_115KV_TB7 355573 | 18.88 -0.18 0.00 | 17.51 -0.14 0.00 | 16.71 -0.14 0.00 | 17.51 -0.16 0.00 | 18.25 -0.19 0.00 | 18.41 -0.18 0.00 | 19.65 -0.22 0.00 | 18.92 -0.22 0.00 | 16.45 -0.20 0.00 | 14.26 -0.18 0.00 | 14.94 -0.15 0.00 | 15.86 -0.14 0.00 | 15.10 -0.11 0.00 | 14.96 -0.08 0.00 | 16.21 -0.07 0.00 | 16.65 -0.13 0.00 | 19.19 -0.22 0.00 | 22.39 -0.32 0.00 | 26.21 -0.37 0.00 | 31.41 -0.46 0.00 | 28.10 -0.52 0.00 | 24.53 -0.44 0.00 | 18.73 -0.32 0.00 | 16.44 -0.26 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 18.28 -0.78 0.00 | 17.04 -0.61 0.00 | 16.23 -0.63 0.00 | 16.95 -0.72 0.00 | 17.66 -0.78 0.00 | 17.77 -0.82 0.00 | 18.70 -1.18 0.00 | 17.96 -1.18 0.00 | 15.73 -0.92 0.00 | 13.72 -0.71 0.00 | 14.58 -0.50 0.00 | 15.58 -0.42 0.00 | 14.81 -0.40 0.00 | 14.71 -0.32 0.00 | 15.94 -0.35 0.00 | 16.31 -0.47 0.00 | 18.77 -0.64 0.00 | 21.54 -1.17 0.00 | 25.10 -1.48 0.00 | 30.07 -1.79 0.00 | 26.64 -1.99 0.00 | 23.43 -1.54 0.00 | 18.00 -1.04 0.00 | 15.92 -0.78 0.00 |
| TEMPLE___115KV_TB 2 55572 | 18.90 -0.15 0.00 | 17.53 -0.13 0.00 | 16.73 -0.12 0.00 | 17.53 -0.14 0.00 | 18.27 -0.17 0.00 | 18.43 -0.16 0.00 | 19.68 -0.19 0.00 | 18.95 -0.19 0.00 | 16.48 -0.17 0.00 | 14.28 -0.15 0.00 | 14.96 -0.12 0.00 | 15.89 -0.11 0.00 | 15.13 -0.09 0.00 | 14.98 -0.06 0.00 | 16.23 -0.06 0.00 | 16.67 -0.11 0.00 | 19.21 -0.20 0.00 | 22.41 -0.30 0.00 | 26.23 -0.35 0.00 | 31.44 -0.43 0.00 | 28.13 -0.49 0.00 | 24.55 -0.42 0.00 | 18.74 -0.31 0.00 | 16.46 -0.24 0.00 |
| TIANA____69_KV_BK 1 55817 | 20.68 1.63 0.00 | 19.33 1.67 0.00 | 18.48 1.63 0.00 | 19.35 1.68 0.00 | 20.15 1.71 0.00 | 20.43 1.83 0.00 | 22.10 2.22 0.00 | 21.32 2.18 0.00 | 18.41 1.76 0.00 | 15.80 1.36 0.00 | 16.29 1.21 0.00 | 17.43 1.43 0.00 | 16.44 1.23 0.00 | 103.16 1.02 -87.10 | 30.05 1.10 -12.66 | 48.44 1.37 -30.29 | 26.90 1.53 -5.96 | 26.13 1.89 -1.53 | 55.29 2.40 -26.32 | 57.07 2.91 -22.30 | 51.33 2.56 -20.15 | 34.38 2.12 -7.29 | 31.86 1.63 -11.18 | 31.12 1.21 -13.22 |
| TILDEN___115KV_TB1 80814 | 19.03 -0.03 0.00 | 17.65 -0.01 0.00 | 16.84 -0.01 0.00 | 17.65 -0.02 0.00 | 18.40 -0.05 0.00 | 18.56 -0.03 0.00 | 19.82 -0.05 0.00 | 19.08 -0.06 0.00 | 16.58 -0.07 0.00 | 14.36 -0.08 0.00 | 15.04 -0.05 0.00 | 15.97 -0.03 0.00 | 15.21 -0.01 0.00 | 15.07 0.03 0.00 | 16.33 0.04 0.00 | 16.76 -0.02 0.00 | 19.32 -0.10 0.00 | 22.55 -0.16 0.00 | 26.40 -0.18 0.00 | 31.64 -0.22 0.00 | 28.31 -0.31 0.00 | 24.70 -0.27 0.00 | 18.86 -0.19 0.00 | 16.54 -0.15 0.00 |
| TRIGEN___CC 323695 | 20.32 1.26 0.00 | 18.87 1.21 0.00 | 18.02 1.17 0.00 | 18.88 1.22 0.00 | 19.64 1.20 0.00 | 19.77 1.18 0.00 | 21.28 1.40 0.00 | 20.55 1.41 0.00 | 17.83 1.18 0.00 | 15.44 1.00 0.00 | 16.07 0.98 0.00 | 17.08 1.09 0.00 | 16.18 0.97 0.00 | 103.10 0.96 -87.10 | 30.03 1.13 -12.61 | 48.31 1.24 -30.29 | 26.84 1.47 -5.96 | 25.99 1.75 -1.53 | 54.98 2.09 -26.32 | 56.68 2.51 -22.30 | 51.01 2.24 -20.15 | 34.17 1.91 -7.29 | 31.67 1.44 -11.18 | 31.06 1.15 -13.22 |
| TRINITY___115KV__4 BK 55933 | 19.19 0.13 0.00 | 17.79 0.13 0.00 | 16.99 0.14 0.00 | 17.82 0.15 0.00 | 18.56 0.12 0.00 | 18.71 0.12 0.00 | 20.03 0.16 0.00 | 19.29 0.15 0.00 | 16.76 0.11 0.00 | 14.60 0.16 0.00 | 15.19 0.10 0.00 | 16.04 0.04 0.00 | 15.32 0.10 0.00 | 15.11 0.08 0.00 | 16.30 0.01 0.00 | 16.76 -0.01 0.00 | 19.46 0.05 0.00 | 22.78 0.07 0.00 | 26.70 0.13 0.00 | 32.01 0.15 0.00 | 28.77 0.15 0.00 | 25.07 0.10 0.00 | 19.11 0.06 0.00 | 16.78 0.09 0.00 |
| UNION___PROCESSING_DRP 323587 | 18.54 -0.52 0.00 | 17.24 -0.42 0.00 | 16.43 -0.42 0.00 | 17.18 -0.49 0.00 | 17.92 -0.52 0.00 | 18.05 -0.54 0.00 | 19.12 -0.76 0.00 | 18.38 -0.75 0.00 | 16.05 -0.59 0.00 | 13.97 -0.47 0.00 | 14.77 -0.32 0.00 | 15.75 -0.25 0.00 | 14.98 -0.23 0.00 | 14.85 -0.19 0.00 | 16.10 -0.19 0.00 | 16.49 -0.29 0.00 | 19.01 -0.40 0.00 | 21.99 -0.72 0.00 | 25.65 -0.93 0.00 | 30.73 -1.14 0.00 | 27.34 -1.29 0.00 | 23.95 -1.02 0.00 | 18.34 -0.70 0.00 | 16.16 -0.54 0.00 |
| UPPER HUDSON___HYD 24058 | 19.54 0.48 0.00 | 18.08 0.42 0.00 | 17.31 0.46 0.00 | 18.21 0.54 0.00 | 18.93 0.50 0.00 | 19.09 0.50 0.00 | 20.50 0.63 0.00 | 19.68 0.54 0.00 | 17.03 0.38 0.00 | 14.65 0.21 0.00 | 15.16 0.07 0.00 | 16.04 0.04 0.00 | 15.29 0.08 0.00 | 15.04 0.01 0.00 | 16.30 0.00 0.00 | 16.85 0.07 0.00 | 19.67 0.26 0.00 | 23.25 0.53 0.00 | 27.44 0.86 0.00 | 32.87 1.01 0.00 | 29.54 0.91 0.00 | 25.70 0.73 0.00 | 19.50 0.46 0.00 | 17.06 0.37 0.00 |
| UPPER RAQUET___HYD 24056 | 18.34 -0.72 0.00 | 16.94 -0.72 0.00 | 16.15 -0.70 0.00 | 16.96 -0.71 0.00 | 17.80 -0.64 0.00 | 17.96 -0.64 0.00 | 19.17 -0.71 0.00 | 18.43 -0.71 0.00 | 16.06 -0.58 0.00 | 13.93 -0.51 0.00 | 14.54 -0.55 0.00 | 15.40 -0.59 0.00 | 14.64 -0.57 0.00 | 14.49 -0.55 0.00 | 15.72 -0.57 0.00 | 16.22 -0.55 0.00 | 18.79 -0.62 0.00 | 22.10 -0.61 0.00 | 25.85 -0.73 0.00 | 31.03 -0.83 0.00 | 28.06 -0.56 0.00 | 24.50 -0.47 0.00 | 18.64 -0.40 0.00 | 16.29 -0.41 0.00 |
| VALLEY44_115KV_TB2 355964 | 19.03 -0.03 0.00 | 17.75 0.09 0.00 | 16.93 0.08 0.00 | 17.69 0.02 0.00 | 18.40 -0.04 0.00 | 18.51 -0.08 0.00 | 19.61 -0.26 0.00 | 18.85 -0.28 0.00 | 16.36 -0.29 0.00 | 14.21 -0.23 0.00 | 15.10 0.01 0.00 | 16.10 0.11 0.00 | 15.35 0.14 0.00 | 15.34 0.31 0.00 | 16.69 0.40 0.00 | 17.13 0.35 0.00 | 19.66 0.25 0.00 | 22.49 -0.22 0.00 | 26.23 -0.35 0.00 | 31.46 -0.41 0.00 | 27.74 -0.89 0.00 | 24.41 -0.56 0.00 | 18.79 -0.25 0.00 | 16.65 -0.05 0.00 |

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| VALLEY___115KV_TB 1-4 80826 | 19.00 -0.06 0.00 | 17.56 -0.09 0.00 | 16.76 -0.09 0.00 | 17.62 -0.05 0.00 | 18.47 0.03 0.00 | 18.70 0.10 0.00 | 19.98 0.11 0.00 | 19.21 0.08 0.00 | 16.63 -0.02 0.00 | 14.30 -0.14 0.00 | 14.82 -0.27 0.00 | 15.70 -0.30 0.00 | 14.95 -0.26 0.00 | 14.75 -0.28 0.00 | 15.97 -0.32 0.00 | 16.57 -0.21 0.00 | 19.29 -0.13 0.00 | 22.69 -0.03 0.00 | 26.67 0.09 0.00 | 32.07 0.20 0.00 | 28.79 0.17 0.00 | 25.06 0.09 0.00 | 19.11 0.06 0.00 | 16.71 0.01 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 19.74 0.69 0.00 | 18.32 0.66 0.00 | 17.50 0.65 0.00 | 18.35 0.68 0.00 | 19.12 0.68 0.00 | 19.29 0.70 0.00 | 20.65 0.78 0.00 | 19.90 0.76 0.00 | 17.31 0.66 0.00 | 14.98 0.54 0.00 | 15.63 0.54 0.00 | 16.56 0.57 0.00 | 15.73 0.51 0.00 | 15.55 0.51 0.00 | 16.85 0.56 0.00 | 17.38 0.60 0.00 | 20.12 0.70 0.00 | 23.56 0.84 0.00 | 27.61 1.03 0.00 | 33.09 1.23 0.00 | 29.66 1.04 0.00 | 25.86 0.89 0.00 | 19.71 0.66 0.00 | 17.27 0.57 0.00 |
| VISCHER___FERRY HYD 24020 | 19.55 0.49 0.00 | 18.11 0.46 0.00 | 17.33 0.48 0.00 | 18.18 0.51 0.00 | 18.93 0.49 0.00 | 19.08 0.49 0.00 | 20.44 0.57 0.00 | 19.65 0.51 0.00 | 17.03 0.38 0.00 | 14.70 0.26 0.00 | 15.29 0.20 0.00 | 16.17 0.18 0.00 | 15.43 0.22 0.00 | 15.21 0.17 0.00 | 16.45 0.16 0.00 | 16.97 0.19 0.00 | 19.71 0.29 0.00 | 23.16 0.45 0.00 | 27.16 0.59 0.00 | 32.60 0.74 0.00 | 29.30 0.67 0.00 | 25.54 0.57 0.00 | 19.46 0.41 0.00 | 17.06 0.37 0.00 |
| V_A_10_SYNC_DSASP 323832 | 18.13 -0.93 0.00 | 16.90 -0.75 0.00 | 16.10 -0.75 0.00 | 16.82 -0.85 0.00 | 17.54 -0.90 0.00 | 17.64 -0.95 0.00 | 18.61 -1.26 0.00 | 17.87 -1.26 0.00 | 15.62 -1.03 0.00 | 13.60 -0.84 0.00 | 14.43 -0.65 0.00 | 15.41 -0.59 0.00 | 14.67 -0.54 0.00 | 14.59 -0.45 0.00 | 15.83 -0.46 0.00 | 16.22 -0.55 0.00 | 18.62 -0.79 0.00 | 21.44 -1.27 0.00 | 24.98 -1.60 0.00 | 29.90 -1.97 0.00 | 26.49 -2.14 0.00 | 23.27 -1.70 0.00 | 17.88 -1.17 0.00 | 15.80 -0.89 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 18.87 -0.19 0.00 | 17.47 -0.19 0.00 | 16.65 -0.19 0.00 | 17.47 -0.19 0.00 | 18.30 -0.14 0.00 | 18.43 -0.16 0.00 | 19.67 -0.20 0.00 | 18.93 -0.21 0.00 | 16.50 -0.15 0.00 | 14.33 -0.11 0.00 | 15.02 -0.07 0.00 | 15.95 -0.05 0.00 | 15.15 -0.06 0.00 | 15.00 -0.04 0.00 | 16.24 -0.04 0.00 | 16.73 -0.05 0.00 | 19.36 -0.06 0.00 | 22.67 -0.04 0.00 | 26.47 -0.10 0.00 | 31.74 -0.12 0.00 | 28.68 0.06 0.00 | 25.05 0.08 0.00 | 19.09 0.05 0.00 | 16.72 0.03 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 18.85 -0.21 0.00 | 17.42 -0.24 0.00 | 16.75 -0.10 0.00 | 17.76 0.09 0.00 | 18.61 0.18 0.00 | 18.69 0.10 0.00 | 19.93 0.06 0.00 | 19.37 0.23 0.00 | 17.04 0.39 0.00 | 14.93 0.49 0.00 | 15.66 0.57 0.00 | 16.50 0.50 0.00 | 15.49 0.28 0.00 | 15.19 0.15 0.00 | 16.41 0.12 0.00 | 16.92 0.14 0.00 | 19.73 0.31 0.00 | 23.52 0.81 0.00 | 27.60 1.02 0.00 | 33.35 1.48 0.00 | 30.14 1.52 0.00 | 26.19 1.23 0.00 | 19.82 0.78 0.00 | 17.14 0.45 0.00 |
| V_D_10_SYNC_DSASP 323841 | 18.91 -0.15 0.00 | 17.49 -0.16 0.00 | 16.68 -0.17 0.00 | 17.50 -0.17 0.00 | 18.34 -0.10 0.00 | 18.48 -0.12 0.00 | 19.71 -0.16 0.00 | 18.96 -0.18 0.00 | 16.53 -0.12 0.00 | 14.35 -0.09 0.00 | 15.03 -0.06 0.00 | 15.95 -0.04 0.00 | 15.16 -0.05 0.00 | 15.01 -0.03 0.00 | 16.27 -0.02 0.00 | 16.76 -0.02 0.00 | 19.39 -0.02 0.00 | 22.72 0.01 0.00 | 26.54 -0.04 0.00 | 31.83 -0.03 0.00 | 28.76 0.13 0.00 | 25.12 0.15 0.00 | 19.14 0.09 0.00 | 16.76 0.06 0.00 |
| V_E_10_SYNC_DSASP 323830 | 20.02 0.96 0.00 | 18.53 0.87 0.00 | 17.65 0.80 0.00 | 18.47 0.80 0.00 | 19.19 0.75 0.00 | 19.46 0.87 0.00 | 20.65 0.77 0.00 | 19.79 0.65 0.00 | 17.08 0.43 0.00 | 14.63 0.19 0.00 | 15.22 0.13 0.00 | 16.06 0.06 0.00 | 15.46 0.25 0.00 | 15.36 0.32 0.00 | 16.81 0.52 0.00 | 17.36 0.58 0.00 | 19.98 0.56 0.00 | 23.46 0.74 0.00 | 27.69 1.11 0.00 | 33.10 1.23 0.00 | 29.64 1.01 0.00 | 25.77 0.81 0.00 | 19.66 0.61 0.00 | 17.26 0.56 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 19.71 0.65 0.00 | 18.25 0.59 0.00 | 17.46 0.61 0.00 | 18.33 0.66 0.00 | 19.08 0.64 0.00 | 19.25 0.65 0.00 | 20.62 0.75 0.00 | 19.81 0.67 0.00 | 17.16 0.51 0.00 | 14.80 0.36 0.00 | 15.36 0.27 0.00 | 16.25 0.26 0.00 | 15.49 0.28 0.00 | 15.26 0.22 0.00 | 16.53 0.24 0.00 | 17.08 0.30 0.00 | 19.89 0.48 0.00 | 23.43 0.72 0.00 | 27.53 0.95 0.00 | 33.02 1.16 0.00 | 29.66 1.03 0.00 | 25.83 0.86 0.00 | 19.66 0.61 0.00 | 17.21 0.52 0.00 |
| V_F_30_SYNC_DSASP 323786 | 19.23 0.17 0.00 | 17.82 0.16 0.00 | 17.03 0.18 0.00 | 17.86 0.18 0.00 | 18.60 0.16 0.00 | 18.76 0.17 0.00 | 20.08 0.21 0.00 | 19.34 0.20 0.00 | 16.81 0.16 0.00 | 14.66 0.22 0.00 | 15.24 0.15 0.00 | 16.09 0.09 0.00 | 15.37 0.16 0.00 | 15.17 0.13 0.00 | 16.35 0.06 0.00 | 16.83 0.05 0.00 | 19.54 0.13 0.00 | 22.89 0.17 0.00 | 26.84 0.26 0.00 | 32.16 0.29 0.00 | 28.90 0.28 0.00 | 25.17 0.20 0.00 | 19.18 0.13 0.00 | 16.83 0.14 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 18.85 -0.21 0.00 | 17.42 -0.24 0.00 | 16.75 -0.10 0.00 | 17.76 0.09 0.00 | 18.61 0.18 0.00 | 18.69 0.10 0.00 | 19.93 0.06 0.00 | 19.37 0.23 0.00 | 17.04 0.39 0.00 | 14.93 0.49 0.00 | 15.66 0.57 0.00 | 16.50 0.50 0.00 | 15.49 0.28 0.00 | 15.19 0.15 0.00 | 16.41 0.12 0.00 | 16.92 0.14 0.00 | 19.73 0.31 0.00 | 23.52 0.81 0.00 | 27.60 1.02 0.00 | 33.35 1.48 0.00 | 30.14 1.52 0.00 | 26.19 1.23 0.00 | 19.82 0.78 0.00 | 17.14 0.45 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 20.18 1.12 0.00 | 18.70 1.04 0.00 | 17.87 1.02 0.00 | 18.74 1.08 0.00 | 19.48 1.04 0.00 | 19.63 1.04 0.00 | 21.09 1.22 0.00 | 20.36 1.22 0.00 | 17.72 1.07 0.00 | 15.37 0.93 0.00 | 15.99 0.90 0.00 | 16.92 0.93 0.00 | 16.07 0.85 0.00 | 15.84 0.81 0.00 | 17.18 0.89 0.00 | 17.72 0.95 0.00 | 20.58 1.17 0.00 | 24.13 1.42 0.00 | 28.26 1.68 0.00 | 33.90 2.04 0.00 | 30.40 1.77 0.00 | 26.43 1.46 0.00 | 20.14 1.10 0.00 | 17.58 0.89 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 20.28 1.23 0.00 | 18.80 1.15 0.00 | 17.96 1.11 0.00 | 18.82 1.15 0.00 | 19.56 1.12 0.00 | 19.70 1.11 0.00 | 21.17 1.30 0.00 | 20.48 1.34 0.00 | 17.85 1.21 0.00 | 15.52 1.09 0.00 | 16.12 1.03 0.00 | 17.04 1.04 0.00 | 16.18 0.97 0.00 | 15.97 0.93 0.00 | 17.31 1.02 0.00 | 17.85 1.08 0.00 | 20.68 1.27 0.00 | 24.22 1.51 0.00 | 28.36 1.78 0.00 | 33.99 2.12 0.00 | 30.54 1.91 0.00 | 26.58 1.61 0.00 | 20.30 1.25 0.00 | 17.72 1.03 0.00 |
| W50THST__13_KV_LOAD 356117 | 20.37 1.32 0.00 | 18.88 1.23 0.00 | 18.04 1.19 0.00 | 18.90 1.23 0.00 | 19.64 1.20 0.00 | 19.78 1.19 0.00 | 21.25 1.38 0.00 | 20.56 1.43 0.00 | 17.93 1.28 0.00 | 15.60 1.16 0.00 | 16.20 1.11 0.00 | 17.13 1.13 0.00 | 16.26 1.05 0.00 | 16.04 1.00 0.00 | 17.40 1.11 0.00 | 17.95 1.18 0.00 | 20.79 1.37 0.00 | 24.35 1.64 0.00 | 28.49 1.92 0.00 | 34.15 2.29 0.00 | 30.69 2.06 0.00 | 26.71 1.74 0.00 | 20.40 1.35 0.00 | 17.80 1.11 0.00 |
| WADING RIVER_IC_1 23522 | 20.39 1.33 0.00 | 19.08 1.42 0.00 | 18.25 1.40 0.00 | 19.12 1.45 0.00 | 19.90 1.46 0.00 | 20.20 1.61 0.00 | 21.88 2.00 0.00 | 21.11 1.97 0.00 | 18.25 1.60 0.00 | 15.64 1.20 0.00 | 16.10 1.01 0.00 | 17.25 1.26 0.00 | 16.29 1.08 0.00 | 103.05 0.91 -87.10 | 29.94 0.99 -12.66 | 48.32 1.25 -30.29 | 26.73 1.36 -5.96 | 25.93 1.68 -1.53 | 55.05 2.16 -26.32 | 56.75 2.59 -22.30 | 51.06 2.29 -20.15 | 34.14 1.88 -7.29 | 31.70 1.48 -11.18 | 30.97 1.06 -13.22 |

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|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| WADING RIVER_IC_2 23547 | 20.39 1.33 0.00 | 19.08 1.42 0.00 | 18.25 1.40 0.00 | 19.12 1.45 0.00 | 19.90 1.46 0.00 | 20.20 1.61 0.00 | 21.88 2.00 0.00 | 21.11 1.97 0.00 | 18.25 1.60 0.00 | 15.64 1.20 0.00 | 16.10 1.01 0.00 | 17.25 1.26 0.00 | 16.29 1.08 0.00 | 103.05 0.91 -87.10 | 29.94 0.99 -12.66 | 48.32 1.25 -30.29 | 26.73 1.36 -5.96 | 25.93 1.68 -1.53 | 55.05 2.16 -26.32 | 56.75 2.59 -22.30 | 51.06 2.29 -20.15 | 34.14 1.88 -7.29 | 31.70 1.48 -11.18 | 30.97 1.06 -13.22 |
| WADING RIVER_IC_3 23601 | 20.39 1.33 0.00 | 19.08 1.42 0.00 | 18.25 1.40 0.00 | 19.12 1.45 0.00 | 19.90 1.46 0.00 | 20.20 1.61 0.00 | 21.88 2.00 0.00 | 21.11 1.97 0.00 | 18.25 1.60 0.00 | 15.64 1.20 0.00 | 16.10 1.01 0.00 | 17.25 1.26 0.00 | 16.29 1.08 0.00 | 103.05 0.91 -87.10 | 29.94 0.99 -12.66 | 48.32 1.25 -30.29 | 26.73 1.36 -5.96 | 25.93 1.68 -1.53 | 55.05 2.16 -26.32 | 56.75 2.59 -22.30 | 51.06 2.29 -20.15 | 34.14 1.88 -7.29 | 31.70 1.48 -11.18 | 30.97 1.06 -13.22 |
| WALDENNY_12_KV_BK2 80841 | 18.40 -0.66 0.00 | 17.17 -0.49 0.00 | 16.35 -0.50 0.00 | 17.07 -0.60 0.00 | 17.77 -0.66 0.00 | 17.88 -0.71 0.00 | 18.83 -1.04 0.00 | 18.10 -1.04 0.00 | 15.84 -0.81 0.00 | 13.80 -0.64 0.00 | 14.67 -0.41 0.00 | 15.66 -0.34 0.00 | 14.90 -0.31 0.00 | 14.83 -0.21 0.00 | 16.07 -0.22 0.00 | 16.45 -0.32 0.00 | 18.90 -0.51 0.00 | 21.71 -1.00 0.00 | 25.32 -1.25 0.00 | 30.31 -1.56 0.00 | 26.76 -1.86 0.00 | 23.55 -1.42 0.00 | 18.11 -0.94 0.00 | 16.01 -0.68 0.00 |
| WALDEN___HYDRO 24148 | 20.16 1.10 0.00 | 18.68 1.02 0.00 | 17.84 0.99 0.00 | 18.72 1.05 0.00 | 19.46 1.02 0.00 | 19.62 1.03 0.00 | 21.06 1.19 0.00 | 20.33 1.19 0.00 | 17.67 1.02 0.00 | 15.30 0.86 0.00 | 15.92 0.83 0.00 | 16.84 0.84 0.00 | 15.98 0.77 0.00 | 15.77 0.73 0.00 | 17.10 0.82 0.00 | 17.67 0.89 0.00 | 20.53 1.11 0.00 | 24.09 1.38 0.00 | 28.24 1.66 0.00 | 33.89 2.02 0.00 | 30.40 1.77 0.00 | 26.44 1.47 0.00 | 20.15 1.10 0.00 | 17.59 0.89 0.00 |
| WARRENSBURG____ 23737 | 19.54 0.48 0.00 | 18.08 0.42 0.00 | 17.31 0.46 0.00 | 18.21 0.54 0.00 | 18.93 0.50 0.00 | 19.09 0.50 0.00 | 20.50 0.63 0.00 | 19.68 0.54 0.00 | 17.03 0.38 0.00 | 14.65 0.21 0.00 | 15.16 0.07 0.00 | 16.04 0.04 0.00 | 15.29 0.08 0.00 | 15.04 0.01 0.00 | 16.30 0.00 0.00 | 16.85 0.07 0.00 | 19.67 0.26 0.00 | 23.25 0.53 0.00 | 27.44 0.86 0.00 | 32.87 1.01 0.00 | 29.54 0.91 0.00 | 25.70 0.73 0.00 | 19.50 0.46 0.00 | 17.06 0.37 0.00 |
| WATERSIDE___6 8 9 23538 | 20.28 1.22 0.00 | 18.80 1.14 0.00 | 17.95 1.11 0.00 | 18.81 1.15 0.00 | 19.54 1.10 0.00 | 19.68 1.09 0.00 | 21.15 1.28 0.00 | 20.46 1.32 0.00 | 17.83 1.19 0.00 | 15.52 1.08 0.00 | 16.10 1.01 0.00 | 17.02 1.02 0.00 | 16.17 0.96 0.00 | 15.94 0.91 0.00 | 17.28 0.99 0.00 | 17.84 1.07 0.00 | 20.67 1.26 0.00 | 24.20 1.49 0.00 | 28.34 1.76 0.00 | 33.96 2.09 0.00 | 30.55 1.92 0.00 | 26.58 1.61 0.00 | 20.30 1.25 0.00 | 17.72 1.03 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 19.11 0.05 0.00 | 17.68 0.03 0.00 | 16.88 0.04 0.00 | 17.73 0.06 0.00 | 18.51 0.07 0.00 | 18.70 0.10 0.00 | 19.99 0.12 0.00 | 19.23 0.09 0.00 | 16.66 0.01 0.00 | 14.38 -0.06 0.00 | 14.95 -0.14 0.00 | 15.83 -0.17 0.00 | 15.06 -0.15 0.00 | 14.87 -0.17 0.00 | 16.09 -0.20 0.00 | 16.66 -0.12 0.00 | 19.37 -0.05 0.00 | 22.75 0.03 0.00 | 26.70 0.12 0.00 | 32.06 0.19 0.00 | 28.77 0.15 0.00 | 25.07 0.10 0.00 | 19.11 0.06 0.00 | 16.72 0.03 0.00 |
| WATSON___69_KV_BK 1 55734 | 20.64 1.58 0.00 | 19.22 1.56 0.00 | 18.35 1.51 0.00 | 19.23 1.56 0.00 | 19.99 1.55 0.00 | 20.15 1.56 0.00 | 21.72 1.85 0.00 | 20.98 1.84 0.00 | 18.15 1.50 0.00 | 15.63 1.20 0.00 | 16.25 1.17 0.00 | 17.32 1.32 0.00 | 16.37 1.16 0.00 | 103.21 1.07 -87.10 | 30.17 1.23 -12.65 | 48.43 1.37 -30.29 | 27.03 1.66 -5.96 | 26.26 2.01 -1.53 | 55.33 2.43 -26.32 | 57.08 2.92 -22.30 | 51.32 2.55 -20.15 | 34.46 2.20 -7.29 | 31.92 1.69 -11.18 | 31.23 1.31 -13.22 |
| WDELAWARE___HYD 323627 | 19.80 0.74 0.00 | 18.34 0.69 0.00 | 17.51 0.66 0.00 | 18.37 0.70 0.00 | 19.11 0.67 0.00 | 19.28 0.68 0.00 | 20.69 0.82 0.00 | 19.98 0.84 0.00 | 17.34 0.69 0.00 | 14.97 0.53 0.00 | 15.53 0.44 0.00 | 16.43 0.44 0.00 | 15.59 0.37 0.00 | 15.39 0.35 0.00 | 16.73 0.44 0.00 | 17.30 0.52 0.00 | 20.13 0.72 0.00 | 23.67 0.95 0.00 | 27.76 1.18 0.00 | 33.34 1.47 0.00 | 29.93 1.31 0.00 | 26.04 1.07 0.00 | 19.84 0.79 0.00 | 17.30 0.61 0.00 |
| WEST BABYLON___IC 23714 | 20.60 1.54 0.00 | 19.15 1.49 0.00 | 18.29 1.44 0.00 | 19.16 1.49 0.00 | 19.92 1.48 0.00 | 20.06 1.47 0.00 | 21.62 1.74 0.00 | 20.88 1.74 0.00 | 18.08 1.43 0.00 | 15.59 1.15 0.00 | 16.21 1.13 0.00 | 17.27 1.27 0.00 | 16.33 1.12 0.00 | 103.20 1.06 -87.10 | 30.18 1.24 -12.65 | 48.43 1.36 -30.29 | 27.03 1.66 -5.96 | 26.27 2.03 -1.53 | 55.32 2.42 -26.32 | 57.07 2.91 -22.30 | 51.33 2.55 -20.15 | 34.46 2.20 -7.29 | 31.91 1.68 -11.18 | 31.23 1.31 -13.22 |
| WEST CANADA___HYD 24049 | 19.09 0.03 0.00 | 17.68 0.03 0.00 | 16.88 0.03 0.00 | 17.70 0.04 0.00 | 18.47 0.04 0.00 | 18.63 0.04 0.00 | 19.92 0.05 0.00 | 19.18 0.04 0.00 | 16.67 0.03 0.00 | 14.45 0.01 0.00 | 15.07 -0.01 0.00 | 15.98 -0.02 0.00 | 15.20 -0.02 0.00 | 15.02 -0.02 0.00 | 16.27 -0.02 0.00 | 16.77 -0.01 0.00 | 19.42 0.00 0.00 | 22.72 0.01 0.00 | 26.61 0.03 0.00 | 31.90 0.03 0.00 | 28.63 0.01 0.00 | 24.97 0.01 0.00 | 19.05 0.00 0.00 | 16.69 0.00 0.00 |
| WESTERN_NY_WIND 24143 | 18.60 -0.46 0.00 | 17.33 -0.32 0.00 | 16.50 -0.35 0.00 | 17.24 -0.43 0.00 | 17.97 -0.47 0.00 | 18.09 -0.50 0.00 | 19.08 -0.80 0.00 | 18.33 -0.81 0.00 | 16.05 -0.60 0.00 | 14.01 -0.43 0.00 | 14.86 -0.23 0.00 | 15.87 -0.13 0.00 | 15.04 -0.17 0.00 | 14.93 -0.11 0.00 | 16.18 -0.10 0.00 | 16.55 -0.23 0.00 | 19.12 -0.29 0.00 | 21.96 -0.76 0.00 | 25.60 -0.98 0.00 | 30.72 -1.15 0.00 | 27.25 -1.38 0.00 | 23.94 -1.03 0.00 | 18.37 -0.68 0.00 | 16.21 -0.49 0.00 |
| WESTOVER___LESR 323668 | 19.11 0.05 0.00 | 17.76 0.10 0.00 | 16.96 0.11 0.00 | 17.76 0.09 0.00 | 18.47 0.03 0.00 | 18.62 0.03 0.00 | 19.88 0.01 0.00 | 19.17 0.03 0.00 | 16.63 -0.02 0.00 | 14.43 -0.01 0.00 | 15.16 0.07 0.00 | 16.06 0.06 0.00 | 15.29 0.08 0.00 | 15.17 0.13 0.00 | 16.46 0.18 0.00 | 16.94 0.16 0.00 | 19.53 0.11 0.00 | 22.77 0.05 0.00 | 26.65 0.07 0.00 | 31.94 0.08 0.00 | 28.48 -0.14 0.00 | 24.92 -0.05 0.00 | 19.04 -0.01 0.00 | 16.74 0.05 0.00 |
| WETHRSFD_WT_PWR 323626 | 18.07 -0.99 0.00 | 16.88 -0.78 0.00 | 16.10 -0.74 0.00 | 16.78 -0.88 0.00 | 17.41 -1.03 0.00 | 17.52 -1.07 0.00 | 18.58 -1.29 0.00 | 17.87 -1.26 0.00 | 15.58 -1.07 0.00 | 13.54 -0.90 0.00 | 14.37 -0.72 0.00 | 15.27 -0.72 0.00 | 14.54 -0.67 0.00 | 14.48 -0.56 0.00 | 15.69 -0.60 0.00 | 16.12 -0.66 0.00 | 18.51 -0.91 0.00 | 21.34 -1.38 0.00 | 24.92 -1.66 0.00 | 29.81 -2.06 0.00 | 26.32 -2.31 0.00 | 23.11 -1.86 0.00 | 17.74 -1.30 0.00 | 15.68 -1.02 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 20.10 1.04 0.00 | 18.62 0.97 0.00 | 17.79 0.94 0.00 | 18.67 1.00 0.00 | 19.40 0.96 0.00 | 19.55 0.96 0.00 | 21.00 1.13 0.00 | 20.28 1.15 0.00 | 17.65 1.00 0.00 | 15.31 0.87 0.00 | 15.92 0.84 0.00 | 16.85 0.85 0.00 | 16.00 0.79 0.00 | 15.77 0.74 0.00 | 17.10 0.81 0.00 | 17.65 0.87 0.00 | 20.49 1.07 0.00 | 24.02 1.30 0.00 | 28.13 1.55 0.00 | 33.74 1.87 0.00 | 30.25 1.63 0.00 | 26.31 1.34 0.00 | 20.06 1.01 0.00 | 17.51 0.81 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 20.10 1.04 0.00 | 18.62 0.97 0.00 | 17.79 0.94 0.00 | 18.67 1.00 0.00 | 19.40 0.96 0.00 | 19.55 0.96 0.00 | 21.00 1.13 0.00 | 20.28 1.15 0.00 | 17.65 1.00 0.00 | 15.31 0.87 0.00 | 15.92 0.84 0.00 | 16.85 0.85 0.00 | 16.00 0.79 0.00 | 15.77 0.74 0.00 | 17.10 0.81 0.00 | 17.65 0.87 0.00 | 20.49 1.07 0.00 | 24.02 1.30 0.00 | 28.13 1.55 0.00 | 33.74 1.87 0.00 | 30.25 1.63 0.00 | 26.31 1.34 0.00 | 20.06 1.01 0.00 | 17.51 0.81 0.00 |
| WHITEHAL_115KV_TB1 80871 | 19.92 0.86 0.00 | 18.39 0.73 0.00 | 17.71 0.86 0.00 | 18.64 0.98 0.00 | 19.37 0.93 0.00 | 19.47 0.87 0.00 | 20.89 1.02 0.00 | 20.12 0.98 0.00 | 17.31 0.66 0.00 | 14.68 0.24 0.00 | 15.15 0.06 0.00 | 16.02 0.03 0.00 | 15.24 0.03 0.00 | 15.02 -0.01 0.00 | 16.31 0.02 0.00 | 16.86 0.08 0.00 | 19.76 0.34 0.00 | 23.57 0.85 0.00 | 28.24 1.67 0.00 | 33.72 1.86 0.00 | 30.34 1.71 0.00 | 26.38 1.42 0.00 | 19.87 0.82 0.00 | 17.37 0.67 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 20.30 1.24 0.00 | 18.82 1.16 0.00 | 17.97 1.13 0.00 | 18.85 1.18 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.21 1.34 0.00 | 20.50 1.36 0.00 | 17.84 1.19 0.00 | 15.48 1.04 0.00 | 16.09 1.01 0.00 | 17.03 1.03 0.00 | 16.17 0.95 0.00 | 15.95 0.91 0.00 | 17.30 1.01 0.00 | 17.85 1.07 0.00 | 20.70 1.29 0.00 | 24.28 1.56 0.00 | 28.46 1.88 0.00 | 34.13 2.26 0.00 | 30.64 2.02 0.00 | 26.67 1.70 0.00 | 20.32 1.27 0.00 | 17.74 1.04 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 20.55 1.49 0.00 | 19.18 1.53 0.00 | 18.34 1.49 0.00 | 19.21 1.54 0.00 | 19.99 1.55 0.00 | 20.23 1.63 0.00 | 21.86 1.98 0.00 | 21.10 1.96 0.00 | 18.22 1.58 0.00 | 15.65 1.21 0.00 | 16.17 1.09 0.00 | 17.28 1.28 0.00 | 16.32 1.11 0.00 | 103.11 0.97 -87.10 | 30.03 1.08 -12.66 | 48.37 1.30 -30.29 | 26.86 1.49 -5.96 | 26.09 1.84 -1.53 | 55.21 2.31 -26.32 | 56.96 2.80 -22.30 | 51.25 2.48 -20.15 | 34.33 2.07 -7.29 | 31.83 1.61 -11.18 | 31.12 1.20 -13.22 |
| WOODARD__115KV_TB2 355635 | 18.86 -0.20 0.00 | 17.49 -0.16 0.00 | 16.69 -0.16 0.00 | 17.49 -0.18 0.00 | 18.24 -0.20 0.00 | 18.39 -0.20 0.00 | 19.63 -0.24 0.00 | 18.91 -0.23 0.00 | 16.44 -0.21 0.00 | 14.25 -0.19 0.00 | 14.92 -0.17 0.00 | 15.85 -0.15 0.00 | 15.08 -0.13 0.00 | 14.94 -0.10 0.00 | 16.19 -0.10 0.00 | 16.60 -0.18 0.00 | 19.14 -0.28 0.00 | 22.33 -0.38 0.00 | 26.13 -0.45 0.00 | 31.32 -0.54 0.00 | 28.04 -0.58 0.00 | 24.47 -0.50 0.00 | 18.69 -0.36 0.00 | 16.40 -0.30 0.00 |
| YORK___WARBASSE 23770 | 20.34 1.29 0.00 | 18.85 1.20 0.00 | 18.00 1.16 0.00 | 18.86 1.20 0.00 | 19.60 1.16 0.00 | 19.74 1.15 0.00 | 21.23 1.35 0.00 | 20.53 1.39 0.00 | 17.90 1.25 0.00 | 15.57 1.13 0.00 | 16.15 1.06 0.00 | 17.07 1.07 0.00 | 16.22 1.01 0.00 | 15.99 0.96 0.00 | 17.33 1.04 0.00 | 17.88 1.10 0.00 | 20.73 1.32 0.00 | 24.29 1.57 0.00 | 28.44 1.86 0.00 | 34.02 2.16 0.00 | 30.63 2.01 0.00 | 26.64 1.67 0.00 | 20.35 1.30 0.00 | 17.76 1.06 0.00 |