

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/24/2024

| 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 | 24.29 | 24.25 | 21.77 | 19.36 | 19.15 | 20.96 | 22.83 | 22.08 | 19.62 | 19.25 | 19.14 | 22.89 | 25.08 | 25.74 | 25.35 | 24.64 | 35.69 | 42.56 | 39.50 | 32.41 | 39.39 | 37.64 | 28.58 | 26.58 |
| 24138 | 1.06 | 0.89 | 0.78 | 0.74 | 0.71 | 0.67 | 0.72 | 0.77 | 0.83 | 0.87 | 0.98 | 1.20 | 1.48 | 1.53 | 1.62 | 1.73 | 2.50 | 3.05 | 2.62 | 2.06 | 2.45 | 2.21 | 1.69 | 1.39 |
| | 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 | 24.37 | 24.32 | 21.82 | 19.40 | 19.18 | 20.99 | 22.88 | 22.12 | 19.65 | 19.26 | 19.16 | 22.92 | 25.11 | 25.76 | 25.39 | 24.67 | 35.73 | 42.63 | 39.57 | 32.49 | 39.50 | 37.73 | 28.62 | 26.62 |
| 24260 | 1.14 | 0.96 | 0.83 | 0.78 | 0.74 | 0.70 | 0.76 | 0.81 | 0.85 | 0.89 | 1.00 | 1.22 | 1.50 | 1.55 | 1.65 | 1.76 | 2.53 | 3.12 | 2.69 | 2.15 | 2.57 | 2.30 | 1.73 | 1.43 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 24.37 | 24.32 | 21.82 | 19.40 | 19.18 | 20.99 | 22.88 | 22.12 | 19.65 | 19.26 | 19.16 | 22.92 | 25.11 | 25.76 | 25.39 | 24.67 | 35.73 | 42.63 | 39.57 | 32.49 | 39.50 | 37.73 | 28.62 | 26.62 |
| 24261 | 1.14 | 0.96 | 0.83 | 0.78 | 0.74 | 0.70 | 0.76 | 0.81 | 0.85 | 0.89 | 1.00 | 1.22 | 1.50 | 1.55 | 1.65 | 1.76 | 2.53 | 3.12 | 2.69 | 2.15 | 2.57 | 2.30 | 1.73 | 1.43 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 24.65 | 24.66 | 22.25 | 19.77 | 19.54 | 21.45 | 23.30 | 22.36 | 19.64 | 19.07 | 18.77 | 22.44 | 24.49 | 25.13 | 24.72 | 24.03 | 34.98 | 42.15 | 39.72 | 32.88 | 40.05 | 38.15 | 28.99 | 26.93 |
| 24011 | 1.42 | 1.30 | 1.27 | 1.16 | 1.09 | 1.16 | 1.19 | 1.05 | 0.84 | 0.70 | 0.61 | 0.74 | 0.88 | 0.93 | 0.99 | 1.12 | 1.78 | 2.65 | 2.84 | 2.54 | 3.11 | 2.72 | 2.10 | 1.73 |
| | 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 | 24.77 | 24.74 | 22.33 | 19.86 | 19.64 | 21.58 | 23.47 | 22.50 | 19.73 | 19.13 | 18.80 | 22.47 | 24.55 | 25.19 | 24.77 | 24.09 | 35.11 | 42.41 | 40.07 | 33.24 | 40.46 | 38.51 | 29.24 | 27.15 |
| 23798 | 1.54 | 1.38 | 1.35 | 1.25 | 1.19 | 1.29 | 1.36 | 1.19 | 0.93 | 0.76 | 0.65 | 0.78 | 0.95 | 0.98 | 1.04 | 1.18 | 1.92 | 2.91 | 3.18 | 2.90 | 3.52 | 3.08 | 2.35 | 1.95 |
| | 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 | 24.65 | 24.66 | 22.25 | 19.77 | 19.54 | 21.45 | 23.30 | 22.36 | 19.64 | 19.07</ | | | | | | | | | | | | | | |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 23.22 -0.01 0.00 | 23.38 0.02 0.00 | 21.21 0.23 0.00 | 18.87 0.26 0.00 | 18.70 0.25 0.00 | 20.49 0.20 0.00 | 22.19 0.08 0.00 | 21.47 0.15 0.00 | 18.92 0.13 0.00 | 18.39 0.01 0.00 | 18.14 -0.02 0.00 | 21.66 -0.03 0.00 | 23.51 -0.09 0.00 | 24.10 -0.11 0.00 | 23.72 -0.01 0.00 | 23.03 0.12 0.00 | 33.27 0.08 0.00 | 39.75 0.24 0.00 | 37.17 0.29 0.00 | 30.64 0.30 0.00 | 37.39 0.45 0.00 | 35.73 0.30 0.00 | 27.10 0.22 0.00 | 25.25 0.05 0.00 |
| ALBANY___3 23573 | 23.22 -0.01 0.00 | 23.38 0.02 0.00 | 21.21 0.23 0.00 | 18.87 0.26 0.00 | 18.70 0.25 0.00 | 20.49 0.20 0.00 | 22.19 0.08 0.00 | 21.47 0.15 0.00 | 18.92 0.13 0.00 | 18.39 0.01 0.00 | 18.14 -0.02 0.00 | 21.66 -0.03 0.00 | 23.51 -0.09 0.00 | 24.10 -0.11 0.00 | 23.72 -0.01 0.00 | 23.03 0.12 0.00 | 33.27 0.08 0.00 | 39.75 0.24 0.00 | 37.17 0.29 0.00 | 30.64 0.30 0.00 | 37.39 0.45 0.00 | 35.73 0.30 0.00 | 27.10 0.22 0.00 | 25.25 0.05 0.00 |
| ALBANY___4 23574 | 23.22 -0.01 0.00 | 23.38 0.02 0.00 | 21.21 0.23 0.00 | 18.87 0.26 0.00 | 18.70 0.25 0.00 | 20.49 0.20 0.00 | 22.19 0.08 0.00 | 21.47 0.15 0.00 | 18.92 0.13 0.00 | 18.39 0.01 0.00 | 18.14 -0.02 0.00 | 21.66 -0.03 0.00 | 23.51 -0.09 0.00 | 24.10 -0.11 0.00 | 23.72 -0.01 0.00 | 23.03 0.12 0.00 | 33.27 0.08 0.00 | 39.75 0.24 0.00 | 37.17 0.29 0.00 | 30.64 0.30 0.00 | 37.39 0.45 0.00 | 35.73 0.30 0.00 | 27.10 0.22 0.00 | 25.25 0.05 0.00 |
| ALBANY___LFGE 323615 | 23.46 0.23 0.00 | 23.62 0.25 0.00 | 21.39 0.41 0.00 | 19.02 0.40 0.00 | 18.84 0.40 0.00 | 20.65 0.36 0.00 | 22.37 0.26 0.00 | 21.63 0.31 0.00 | 19.07 0.28 0.00 | 18.55 0.17 0.00 | 18.30 0.14 0.00 | 21.87 0.17 0.00 | 23.76 0.16 0.00 | 24.37 0.16 0.00 | 23.98 0.25 0.00 | 23.29 0.38 0.00 | 33.67 0.47 0.00 | 40.24 0.74 0.00 | 37.63 0.75 0.00 | 31.02 0.68 0.00 | 37.83 0.89 0.00 | 36.15 0.72 0.00 | 27.40 0.52 0.00 | 25.52 0.33 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 23.39 0.16 0.00 | 23.56 0.20 0.00 | 21.13 0.15 0.00 | 18.71 0.10 0.00 | 18.62 0.18 0.00 | 20.54 0.25 0.00 | 22.43 0.31 0.00 | 21.63 0.32 0.00 | 19.06 0.27 0.00 | 18.65 0.27 0.00 | 18.43 0.27 0.00 | 22.06 0.37 0.00 | 24.00 0.40 0.00 | 24.62 0.41 0.00 | 24.07 0.34 0.00 | 23.06 0.15 0.00 | 33.46 0.26 0.00 | 39.55 0.05 0.00 | 36.90 0.02 0.00 | 30.37 0.03 0.00 | 37.00 0.07 0.00 | 35.65 0.22 0.00 | 27.08 0.19 0.00 | 25.56 0.36 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 23.39 0.16 0.00 | 23.56 0.20 0.00 | 21.13 0.15 0.00 | 18.71 0.10 0.00 | 18.62 0.18 0.00 | 20.54 0.25 0.00 | 22.43 0.31 0.00 | 21.63 0.32 0.00 | 19.06 0.27 0.00 | 18.65 0.27 0.00 | 18.43 0.27 0.00 | 22.06 0.37 0.00 | 24.00 0.40 0.00 | 24.62 0.41 0.00 | 24.07 0.34 0.00 | 23.06 0.15 0.00 | 33.46 0.26 0.00 | 39.55 0.05 0.00 | 36.90 0.02 0.00 | 30.37 0.03 0.00 | 37.00 0.07 0.00 | 35.65 0.22 0.00 | 27.08 0.19 0.00 | 25.56 0.36 0.00 |
| ALCOA___DSASP 323711 | 23.39 0.16 0.00 | 23.56 0.20 0.00 | 21.13 0.15 0.00 | 18.71 0.10 0.00 | 18.62 0.18 0.00 | 20.54 0.25 0.00 | 22.43 0.31 0.00 | 21.63 0.32 0.00 | 19.06 0.27 0.00 | 18.65 0.27 0.00 | 18.43 0.27 0.00 | 22.06 0.37 0.00 | 24.00 0.40 0.00 | 24.62 0.41 0.00 | 24.07 0.34 0.00 | 23.06 0.15 0.00 | 33.45 0.26 0.00 | 39.55 0.05 0.00 | 36.90 0.02 0.00 | 30.37 0.03 0.00 | 37.00 0.07 0.00 | 35.65 0.22 0.00 | 27.08 0.20 0.00 | 25.56 0.36 0.00 |
| ALLEGHENY___COGEN 23514 | 23.36 0.13 0.00 | 23.46 0.10 0.00 | 20.93 -0.05 0.00 | 18.62 0.00 0.00 | 18.41 -0.04 0.00 | 20.32 0.03 0.00 | 22.33 0.22 0.00 | 21.38 0.07 0.00 | 18.58 -0.22 0.00 | 18.11 -0.26 0.00 | 17.99 -0.17 0.00 | 21.64 -0.05 0.00 | 23.56 -0.05 0.00 | 24.20 -0.01 0.00 | 23.50 -0.23 0.00 | 22.91 0.00 0.00 | 33.04 -0.15 0.00 | 39.48 -0.02 0.00 | 37.68 0.80 0.00 | 30.81 0.47 0.00 | 37.52 0.59 0.00 | 36.38 0.95 0.00 | 27.40 0.52 0.00 | 25.36 0.16 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 23.51 0.28 0.00 | 23.63 0.27 0.00 | 21.30 0.32 0.00 | 18.93 0.31 0.00 | 18.76 0.31 0.00 | 20.57 0.28 0.00 | 22.34 0.23 0.00 | 21.57 0.26 0.00 | 19.03 0.23 0.00 | 18.54 0.17 0.00 | 18.31 0.15 0.00 | 21.87 0.17 0.00 | 23.80 0.20 0.00 | 24.42 0.21 0.00 | 24.00 0.26 0.00 | 23.27 0.36 0.00 | 33.69 0.49 0.00 | 40.22 0.72 0.00 | 37.61 0.72 0.00 | 31.00 0.66 0.00 | 37.78 0.84 0.00 | 36.15 0.72 0.00 | 27.42 0.54 0.00 | 25.57 0.37 0.00 |
| ALTONA_WT_PWR 323606 | 23.25 0.02 0.00 | 23.44 0.08 0.00 | 21.19 0.20 0.00 | 18.84 0.23 0.00 | 18.69 0.24 0.00 | 20.57 0.28 0.00 | 22.59 0.48 0.00 | 21.89 0.58 0.00 | 19.23 0.43 0.00 | 18.68 0.30 0.00 | 18.43 0.27 0.00 | 22.07 0.38 0.00 | 24.05 0.45 0.00 | 24.60 0.39 0.00 | 24.03 0.29 0.00 | 23.24 0.34 0.00 | 33.75 0.55 0.00 | 39.85 0.35 0.00 | 37.87 0.98 0.00 | 31.49 1.14 0.00 | 38.20 1.27 0.00 | 36.54 1.10 0.00 | 27.54 0.65 0.00 | 25.87 0.68 0.00 |
| AMERICAN_REF_FUEL 24010 | 21.59 -1.64 0.00 | 21.81 -1.55 0.00 | 19.40 -1.58 0.00 | 17.26 -1.35 0.00 | 17.10 -1.34 0.00 | 18.91 -1.38 0.00 | 20.83 -1.29 0.00 | 19.87 -1.44 0.00 | 17.42 -1.38 0.00 | 17.30 -1.07 0.00 | 17.24 -0.92 0.00 | 20.81 -0.88 0.00 | 22.54 -1.06 0.00 | 23.14 -1.07 0.00 | 22.32 -1.42 0.00 | 21.75 -1.16 0.00 | 31.06 -2.14 0.00 | 36.81 -2.69 0.00 | 34.31 -2.57 0.00 | 27.99 -2.35 0.00 | 33.85 -3.08 0.00 | 33.12 -2.31 0.00 | 25.08 -1.81 0.00 | 23.37 -1.82 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 22.58 -0.65 0.00 | 22.67 -0.69 0.00 | 20.16 -0.82 0.00 | 17.93 -0.69 0.00 | 17.72 -0.73 0.00 | 19.59 -0.70 0.00 | 21.58 -0.54 0.00 | 20.65 -0.67 0.00 | 18.18 -0.62 0.00 | 17.98 -0.39 0.00 | 17.94 -0.22 0.00 | 21.65 -0.04 0.00 | 23.58 -0.02 0.00 | 24.26 0.05 0.00 | 23.45 -0.29 0.00 | 22.89 -0.02 0.00 | 32.81 -0.38 0.00 | 39.14 -0.36 0.00 | 36.48 -0.40 0.00 | 29.79 -0.55 0.00 | 36.07 -0.87 0.00 | 35.05 -0.38 0.00 | 26.42 -0.47 0.00 | 24.45 -0.75 0.00 |
| ARTHUR KILL_GT_1 23520 | 24.17 0.95 0.01 | 24.14 0.79 0.01 | 21.65 0.67 0.01 | 19.24 0.63 0.00 | 19.04 0.59 0.00 | 20.83 0.54 0.00 | 22.72 0.61 0.00 | 21.95 0.64 0.00 | 19.49 0.69 0.00 | 19.07 0.69 0.00 | 18.99 0.83 0.00 | 22.85 1.16 0.00 | 25.05 1.44 -0.01 | 25.69 1.48 -0.01 | 25.25 1.51 0.00 | 24.49 1.59 0.01 | 38.66 2.30 -3.16 | 42.44 2.94 0.00 | 39.36 2.48 0.00 | 32.44 2.10 0.00 | 39.26 2.33 0.00 | 37.64 2.20 0.00 | 28.66 1.76 -0.01 | 26.67 1.47 0.00 |
| ARTHUR_KILL_2 23512 | 24.10 0.88 0.01 | 24.08 0.72 0.01 | 21.59 0.62 0.01 | 19.18 0.57 0.00 | 18.99 0.54 0.00 | 20.78 0.49 0.00 | 22.66 0.55 0.00 | 21.89 0.58 0.00 | 19.44 0.64 0.00 | 19.02 0.65 0.00 | 18.94 0.78 0.00 | 22.79 1.10 0.00 | 24.99 1.38 -0.01 | 25.63 1.42 -0.01 | 25.18 1.45 0.00 | 24.42 1.52 0.01 | 38.54 2.19 -3.16 | 42.30 2.79 0.00 | 39.23 2.35 0.00 | 32.34 2.00 0.00 | 39.13 2.20 0.00 | 37.52 2.08 0.00 | 28.57 1.67 -0.01 | 26.59 1.39 0.00 |
| ARTHUR_KILL_3 23513 | 24.09 0.86 0.00 | 24.05 0.68 0.00 | 21.58 0.60 0.00 | 19.16 0.55 0.00 | 18.96 0.52 0.00 | 20.75 0.46 0.00 | 22.61 0.50 0.00 | 21.86 0.55 0.00 | 19.41 0.61 0.00 | 19.02 0.64 0.00 | 18.91 0.75 0.00 | 22.60 0.90 0.00 | 24.76 1.15 0.00 | 25.41 1.20 0.00 | 25.06 1.32 0.00 | 24.36 1.45 0.00 | 38.45 2.09 -3.16 | 42.07 2.57 0.00 | 39.05 2.17 0.00 | 32.08 1.74 0.00 | 38.98 2.05 0.00 | 37.23 1.80 0.00 | 28.27 1.38 0.00 | 26.32 1.12 0.00 |

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|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|
| ARTHUR_KILL_COGEN 323718 | 24.17 0.95 0.01 | 24.14 0.79 0.01 | 21.65 0.67 0.01 | 19.24 0.63 0.00 | 19.04 0.59 0.00 | 20.83 0.54 0.00 | 22.72 0.61 0.00 | 21.95 0.64 0.00 | 19.49 0.69 0.00 | 19.07 0.69 0.00 | 18.99 0.83 0.00 | 22.85 1.16 0.00 | 25.05 1.44 -0.01 | 25.69 1.48 -0.01 | 25.25 1.51 0.00 | 24.49 1.59 0.01 | 38.66 2.30 -3.16 | 42.44 2.94 0.00 | 39.36 2.48 0.00 | 32.44 2.10 0.00 | 39.26 2.33 0.00 | 37.64 2.20 0.00 | 28.66 1.76 -0.01 | 26.67 1.47 0.00 |
| ASHOKAN____ 23654 | 23.68 0.45 0.00 | 23.74 0.38 0.00 | 21.39 0.41 0.00 | 19.00 0.39 0.00 | 18.82 0.37 0.00 | 20.64 0.35 0.00 | 22.41 0.30 0.00 | 21.68 0.37 0.00 | 19.14 0.34 0.00 | 18.60 0.22 0.00 | 18.33 0.17 0.00 | 21.87 0.17 0.00 | 23.83 0.22 0.00 | 24.58 0.38 0.00 | 24.16 0.42 0.00 | 23.51 0.60 0.00 | 34.12 0.93 0.00 | 41.01 1.51 0.00 | 38.51 1.63 0.00 | 31.75 1.40 0.00 | 38.67 1.74 0.00 | 36.84 1.41 0.00 | 27.86 0.98 0.00 | 25.86 0.67 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 24.26 1.03 0.00 | 24.21 0.85 0.00 | 21.72 0.73 0.00 | 19.31 0.70 0.00 | 19.08 0.64 0.00 | 20.86 0.57 0.00 | 22.76 0.65 0.00 | 22.01 0.70 0.00 | 19.55 0.76 0.00 | 19.15 0.77 0.00 | 19.04 0.88 0.00 | 22.78 1.08 0.00 | 24.96 1.36 0.00 | 25.60 1.39 0.00 | 25.25 1.52 0.00 | 24.53 1.62 0.00 | 35.50 2.30 0.00 | 42.35 2.84 0.00 | 39.30 2.41 0.00 | 32.29 1.95 0.00 | 39.20 2.27 0.00 | 37.52 2.09 0.00 | 28.51 1.62 0.00 | 26.50 1.31 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 24.26 1.03 0.00 | 24.21 0.85 0.00 | 21.72 0.73 0.00 | 19.31 0.70 0.00 | 19.08 0.64 0.00 | 20.86 0.57 0.00 | 22.76 0.65 0.00 | 22.01 0.70 0.00 | 19.55 0.75 0.00 | 19.15 0.77 0.00 | 19.04 0.88 0.00 | 22.78 1.08 0.00 | 24.96 1.36 0.00 | 25.60 1.39 0.00 | 25.25 1.52 0.00 | 24.53 1.62 0.00 | 35.50 2.30 0.00 | 42.35 2.84 0.00 | 39.30 2.41 0.00 | 32.29 1.95 0.00 | 39.20 2.27 0.00 | 37.52 2.09 0.00 | 28.51 1.62 0.00 | 26.50 1.31 0.00 |
| ASTORIA_GT2_1 24094 | 24.26 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.80 1.11 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.53 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.31 0.00 |
| ASTORIA_GT2_2 24095 | 24.26 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.80 1.11 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.53 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.31 0.00 |
| ASTORIA_GT2_3 24096 | 24.26 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.80 1.11 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.53 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.31 0.00 |
| ASTORIA_GT2_4 24097 | 24.26 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.80 1.11 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.53 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.31 0.00 |
| ASTORIA_GT3_1 24098 | 24.26 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.80 1.11 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.53 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.31 0.00 |
| ASTORIA_GT3_2 24099 | 24.26 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.80 1.11 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.53 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.31 0.00 |
| ASTORIA_GT3_3 24100 | 24.26 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.80 1.11 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.53 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.31 0.00 |
| ASTORIA_GT3_4 24101 | 24.26 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.80 1.11 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.53 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.31 0.00 |
| ASTORIA_GT4_1 24102 | 24.26 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.80 1.11 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.53 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.31 0.00 |
| ASTORIA_GT4_2 24103 | 24.26 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.80 1.11 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.53 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.31 0.00 |
| ASTORIA_GT4_3 24104 | 24.26 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.80 1.11 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.53 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.31 0.00 |

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| ASTORIA_GT4_4 24105 | 24.26 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.80 1.11 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.53 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.31 0.00 |
| ASTORIA_GT_1 23523 | 24.31 1.08 0.00 | 24.26 0.90 0.00 | 21.76 0.78 0.00 | 19.35 0.73 0.00 | 19.12 0.68 0.00 | 20.90 0.61 0.00 | 22.82 0.70 0.00 | 22.05 0.74 0.00 | 19.60 0.80 0.00 | 19.19 0.81 0.00 | 19.09 0.94 0.00 | 22.84 1.14 0.00 | 25.03 1.43 0.00 | 25.67 1.46 0.00 | 25.32 1.58 0.00 | 24.60 1.68 0.00 | 35.60 2.41 0.00 | 42.46 2.96 0.00 | 39.40 2.52 0.00 | 32.37 2.03 0.00 | 39.31 2.37 0.00 | 37.62 2.19 0.00 | 28.59 1.70 0.00 | 26.56 1.37 0.00 |
| ASTORIA_GT_10 24110 | 24.24 1.01 0.00 | 24.21 0.84 0.00 | 21.71 0.73 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.88 0.59 0.00 | 22.75 0.64 0.00 | 22.00 0.69 0.00 | 19.54 0.74 0.00 | 19.15 0.77 0.00 | 19.05 0.89 0.00 | 22.78 1.09 0.00 | 24.95 1.35 0.00 | 25.60 1.39 0.00 | 25.23 1.49 0.00 | 24.51 1.60 0.00 | 35.50 2.30 0.00 | 42.34 2.84 0.00 | 39.32 2.43 0.00 | 32.29 1.95 0.00 | 39.23 2.30 0.00 | 37.51 2.08 0.00 | 28.47 1.59 0.00 | 26.48 1.29 0.00 |
| ASTORIA_GT_11 24225 | 24.24 1.01 0.00 | 24.21 0.84 0.00 | 21.71 0.73 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.88 0.59 0.00 | 22.75 0.64 0.00 | 22.00 0.69 0.00 | 19.54 0.74 0.00 | 19.15 0.77 0.00 | 19.05 0.89 0.00 | 22.78 1.09 0.00 | 24.95 1.35 0.00 | 25.60 1.39 0.00 | 25.23 1.49 0.00 | 24.51 1.60 0.00 | 35.50 2.30 0.00 | 42.34 2.84 0.00 | 39.32 2.43 0.00 | 32.29 1.95 0.00 | 39.23 2.30 0.00 | 37.51 2.08 0.00 | 28.47 1.59 0.00 | 26.48 1.29 0.00 |
| ASTORIA_GT_12 24226 | 24.24 1.01 0.00 | 24.21 0.84 0.00 | 21.71 0.73 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.88 0.59 0.00 | 22.75 0.64 0.00 | 22.00 0.69 0.00 | 19.54 0.74 0.00 | 19.15 0.77 0.00 | 19.05 0.89 0.00 | 22.78 1.09 0.00 | 24.95 1.35 0.00 | 25.60 1.39 0.00 | 25.23 1.49 0.00 | 24.51 1.60 0.00 | 35.50 2.30 0.00 | 42.34 2.84 0.00 | 39.32 2.43 0.00 | 32.29 1.95 0.00 | 39.23 2.30 0.00 | 37.51 2.08 0.00 | 28.47 1.59 0.00 | 26.48 1.29 0.00 |
| ASTORIA_GT_13 24227 | 24.24 1.01 0.00 | 24.21 0.84 0.00 | 21.71 0.73 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.88 0.59 0.00 | 22.75 0.64 0.00 | 22.00 0.69 0.00 | 19.54 0.74 0.00 | 19.15 0.77 0.00 | 19.05 0.89 0.00 | 22.78 1.09 0.00 | 24.95 1.35 0.00 | 25.60 1.39 0.00 | 25.23 1.49 0.00 | 24.51 1.60 0.00 | 35.50 2.30 0.00 | 42.34 2.84 0.00 | 39.32 2.43 0.00 | 32.29 1.95 0.00 | 39.23 2.30 0.00 | 37.51 2.08 0.00 | 28.47 1.59 0.00 | 26.48 1.29 0.00 |
| ASTORIA_GT_5 24106 | 24.31 1.08 0.00 | 24.26 0.90 0.00 | 21.76 0.78 0.00 | 19.35 0.73 0.00 | 19.12 0.68 0.00 | 20.91 0.62 0.00 | 22.82 0.70 0.00 | 22.05 0.74 0.00 | 19.60 0.80 0.00 | 19.19 0.81 0.00 | 19.09 0.94 0.00 | 22.84 1.15 0.00 | 25.03 1.42 0.00 | 25.67 1.46 0.00 | 25.32 1.58 0.00 | 24.60 1.69 0.00 | 35.60 2.41 0.00 | 42.46 2.96 0.00 | 39.40 2.52 0.00 | 32.37 2.03 0.00 | 39.31 2.37 0.00 | 37.62 2.18 0.00 | 28.59 1.70 0.00 | 26.56 1.37 0.00 |
| ASTORIA_GT_7 24107 | 24.31 1.08 0.00 | 24.26 0.90 0.00 | 21.76 0.78 0.00 | 19.35 0.73 0.00 | 19.12 0.68 0.00 | 20.91 0.62 0.00 | 22.82 0.70 0.00 | 22.05 0.74 0.00 | 19.60 0.80 0.00 | 19.19 0.81 0.00 | 19.09 0.94 0.00 | 22.84 1.15 0.00 | 25.03 1.42 0.00 | 25.67 1.46 0.00 | 25.32 1.58 0.00 | 24.60 1.69 0.00 | 35.60 2.41 0.00 | 42.46 2.96 0.00 | 39.40 2.52 0.00 | 32.37 2.03 0.00 | 39.31 2.37 0.00 | 37.62 2.18 0.00 | 28.59 1.70 0.00 | 26.56 1.37 0.00 |
| ASTORIA_GT_8 24108 | 24.31 1.08 0.00 | 24.26 0.90 0.00 | 21.76 0.78 0.00 | 19.35 0.73 0.00 | 19.12 0.68 0.00 | 20.91 0.62 0.00 | 22.82 0.70 0.00 | 22.05 0.74 0.00 | 19.60 0.80 0.00 | 19.19 0.81 0.00 | 19.09 0.94 0.00 | 22.84 1.15 0.00 | 25.03 1.42 0.00 | 25.67 1.46 0.00 | 25.32 1.58 0.00 | 24.60 1.69 0.00 | 35.60 2.41 0.00 | 42.46 2.96 0.00 | 39.40 2.52 0.00 | 32.37 2.03 0.00 | 39.31 2.37 0.00 | 37.62 2.18 0.00 | 28.59 1.70 0.00 | 26.56 1.37 0.00 |
| ASTORIA___2 24149 | 24.27 1.04 0.00 | 24.22 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.87 0.58 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.15 0.78 0.00 | 19.05 0.89 0.00 | 22.79 1.10 0.00 | 24.98 1.37 0.00 | 25.61 1.41 0.00 | 25.26 1.52 0.00 | 24.54 1.63 0.00 | 35.53 2.33 0.00 | 42.38 2.87 0.00 | 39.32 2.44 0.00 | 32.30 1.96 0.00 | 39.22 2.29 0.00 | 37.54 2.11 0.00 | 28.52 1.63 0.00 | 26.51 1.32 0.00 |
| ASTORIA___3 23516 | 24.24 1.01 0.00 | 24.21 0.84 0.00 | 21.72 0.73 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.88 0.59 0.00 | 22.75 0.64 0.00 | 22.00 0.69 0.00 | 19.54 0.74 0.00 | 19.15 0.77 0.00 | 19.05 0.89 0.00 | 22.77 1.08 0.00 | 24.95 1.35 0.00 | 25.59 1.39 0.00 | 25.23 1.49 0.00 | 24.51 1.60 0.00 | 35.50 2.30 0.00 | 42.34 2.84 0.00 | 39.32 2.44 0.00 | 32.29 1.95 0.00 | 39.23 2.30 0.00 | 37.51 2.08 0.00 | 28.47 1.59 0.00 | 26.49 1.29 0.00 |
| ASTORIA___4 23517 | 24.24 1.01 0.00 | 24.21 0.84 0.00 | 21.71 0.73 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.88 0.59 0.00 | 22.75 0.64 0.00 | 22.00 0.69 0.00 | 19.54 0.74 0.00 | 19.15 0.77 0.00 | 19.05 0.89 0.00 | 22.78 1.09 0.00 | 24.95 1.35 0.00 | 25.60 1.39 0.00 | 25.23 1.49 0.00 | 24.51 1.60 0.00 | 35.50 2.30 0.00 | 42.34 2.84 0.00 | 39.32 2.43 0.00 | 32.29 1.95 0.00 | 39.23 2.30 0.00 | 37.51 2.08 0.00 | 28.47 1.59 0.00 | 26.48 1.29 0.00 |
| ASTORIA___5 23518 | 24.24 1.01 0.00 | 24.21 0.84 0.00 | 21.72 0.73 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.88 0.59 0.00 | 22.75 0.64 0.00 | 22.00 0.69 0.00 | 19.54 0.74 0.00 | 19.15 0.77 0.00 | 19.05 0.89 0.00 | 22.77 1.08 0.00 | 24.95 1.35 0.00 | 25.59 1.39 0.00 | 25.23 1.49 0.00 | 24.51 1.60 0.00 | 35.50 2.30 0.00 | 42.34 2.84 0.00 | 39.32 2.44 0.00 | 32.29 1.95 0.00 | 39.23 2.30 0.00 | 37.51 2.08 0.00 | 28.47 1.59 0.00 | 26.49 1.29 0.00 |
| AST_ENERGY_2_CC3 323677 | 24.14 0.90 0.00 | 24.10 0.74 0.00 | 21.63 0.65 0.00 | 19.23 0.62 0.00 | 19.02 0.58 0.00 | 20.80 0.51 0.00 | 22.67 0.55 0.00 | 21.91 0.59 0.00 | 19.47 0.67 0.00 | 19.07 0.69 0.00 | 18.97 0.81 0.00 | 22.68 0.99 0.00 | 24.85 1.24 0.00 | 25.50 1.28 0.00 | 25.12 1.39 0.00 | 24.42 1.51 0.00 | 35.36 2.16 0.00 | 42.19 2.68 0.00 | 39.17 2.29 0.00 | 32.15 1.81 0.00 | 39.09 2.15 0.00 | 37.33 1.91 0.00 | 28.35 1.46 0.00 | 26.38 1.18 0.00 |
| AST_ENERGY_2_CC4 323678 | 24.14 0.90 0.00 | 24.10 0.74 0.00 | 21.63 0.65 0.00 | 19.23 0.62 0.00 | 19.02 0.58 0.00 | 20.80 0.51 0.00 | 22.67 0.55 0.00 | 21.91 0.59 0.00 | 19.47 0.67 0.00 | 19.07 0.69 0.00 | 18.97 0.81 0.00 | 22.68 0.99 0.00 | 24.85 1.24 0.00 | 25.50 1.28 0.00 | 25.12 1.39 0.00 | 24.42 1.51 0.00 | 35.36 2.16 0.00 | 42.19 2.68 0.00 | 39.17 2.29 0.00 | 32.15 1.81 0.00 | 39.09 2.15 0.00 | 37.33 1.91 0.00 | 28.35 1.46 0.00 | 26.38 1.18 0.00 |

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| ATHENS_STG_1 23668 | 23.56 0.33 0.00 | 23.62 0.26 0.00 | 21.26 0.27 0.00 | 18.89 0.27 0.00 | 18.71 0.26 0.00 | 20.51 0.22 0.00 | 22.30 0.19 0.00 | 21.52 0.21 0.00 | 19.04 0.24 0.00 | 18.61 0.23 0.00 | 18.41 0.25 0.00 | 21.98 0.28 0.00 | 23.99 0.38 0.00 | 24.61 0.40 0.00 | 24.21 0.47 0.00 | 23.47 0.56 0.00 | 34.00 0.80 0.00 | 40.57 1.06 0.00 | 37.83 0.95 0.00 | 31.14 0.80 0.00 | 37.93 1.00 0.00 | 36.26 0.84 0.00 | 27.52 0.63 0.00 | 25.65 0.45 0.00 |
| ATHENS_STG_2 23670 | 23.56 0.33 0.00 | 23.62 0.26 0.00 | 21.26 0.27 0.00 | 18.89 0.27 0.00 | 18.71 0.26 0.00 | 20.51 0.22 0.00 | 22.30 0.19 0.00 | 21.52 0.21 0.00 | 19.04 0.24 0.00 | 18.61 0.23 0.00 | 18.41 0.25 0.00 | 21.98 0.28 0.00 | 23.99 0.38 0.00 | 24.61 0.40 0.00 | 24.21 0.47 0.00 | 23.47 0.56 0.00 | 34.00 0.80 0.00 | 40.57 1.06 0.00 | 37.83 0.95 0.00 | 31.14 0.80 0.00 | 37.93 1.00 0.00 | 36.26 0.84 0.00 | 27.52 0.63 0.00 | 25.65 0.45 0.00 |
| ATHENS_STG_3 23677 | 23.56 0.33 0.00 | 23.62 0.26 0.00 | 21.26 0.27 0.00 | 18.89 0.27 0.00 | 18.71 0.26 0.00 | 20.51 0.22 0.00 | 22.30 0.19 0.00 | 21.52 0.21 0.00 | 19.04 0.24 0.00 | 18.61 0.23 0.00 | 18.41 0.25 0.00 | 21.98 0.28 0.00 | 23.99 0.38 0.00 | 24.61 0.40 0.00 | 24.21 0.47 0.00 | 23.47 0.56 0.00 | 34.00 0.80 0.00 | 40.57 1.06 0.00 | 37.83 0.95 0.00 | 31.14 0.80 0.00 | 37.93 1.00 0.00 | 36.26 0.84 0.00 | 27.52 0.63 0.00 | 25.65 0.45 0.00 |
| AUBURN___LFGE 323710 | 23.19 -0.04 0.00 | 23.33 -0.03 0.00 | 20.98 -0.01 0.00 | 18.62 0.01 0.00 | 18.38 -0.07 0.00 | 20.28 -0.01 0.00 | 22.13 0.02 0.00 | 21.32 0.01 0.00 | 18.76 -0.04 0.00 | 18.32 -0.06 0.00 | 18.10 -0.06 0.00 | 21.55 -0.14 0.00 | 23.49 -0.12 0.00 | 24.11 -0.10 0.00 | 23.61 -0.13 0.00 | 22.93 0.02 0.00 | 33.26 0.07 0.00 | 39.67 0.16 0.00 | 37.26 0.38 0.00 | 30.65 0.31 0.00 | 37.22 0.29 0.00 | 35.61 0.18 0.00 | 27.01 0.12 0.00 | 25.16 -0.04 0.00 |
| BABYLON_RES_REC 323704 | 24.50 1.27 0.00 | 24.44 1.08 0.00 | 21.91 0.93 0.00 | 19.44 0.83 0.00 | 19.24 0.79 0.00 | 21.09 0.80 0.00 | 22.98 0.87 0.00 | 22.19 0.88 0.00 | 19.79 0.99 0.00 | 21.59 1.05 -2.16 | 23.15 1.12 -3.87 | 31.89 1.35 -8.84 | 32.59 1.51 -7.48 | 31.83 1.50 -6.11 | 25.17 1.43 0.00 | 24.43 1.52 0.00 | 35.42 2.22 0.00 | 42.38 2.88 0.00 | 39.31 2.43 0.00 | 32.28 1.93 0.00 | 39.52 2.58 0.00 | 37.60 2.18 0.00 | 28.82 1.93 0.00 | 26.82 1.63 0.00 |
| BABYLON__69_KV_BK2 356345 | 24.75 1.52 0.00 | 24.67 1.31 0.00 | 22.10 1.12 0.00 | 19.62 1.00 0.00 | 19.41 0.96 0.00 | 21.28 0.99 0.00 | 23.20 1.09 0.00 | 22.40 1.09 0.00 | 19.99 1.20 0.00 | 21.80 1.27 -2.16 | 23.36 1.34 -3.87 | 32.17 1.64 -8.84 | 33.07 1.99 -7.48 | 32.37 2.05 -6.11 | 25.73 1.99 0.00 | 25.09 2.18 0.00 | 36.28 3.09 0.00 | 43.46 3.95 0.00 | 40.29 3.40 0.00 | 33.04 2.70 0.00 | 40.38 3.45 0.00 | 38.30 2.87 0.00 | 29.16 2.27 0.00 | 27.11 1.92 0.00 |
| BALL_HILL_WT_PWR 323825 | 22.30 -0.93 0.00 | 22.44 -0.93 0.00 | 19.98 -1.00 0.00 | 17.79 -0.83 0.00 | 17.59 -0.86 0.00 | 19.43 -0.85 0.00 | 21.39 -0.72 0.00 | 20.44 -0.87 0.00 | 17.96 -0.84 0.00 | 17.79 -0.59 0.00 | 17.72 -0.44 0.00 | 21.39 -0.31 0.00 | 23.27 -0.33 0.00 | 23.93 -0.29 0.00 | 23.13 -0.61 0.00 | 22.57 -0.34 0.00 | 32.35 -0.84 0.00 | 38.50 -1.00 0.00 | 35.84 -1.04 0.00 | 29.27 -1.08 0.00 | 35.41 -1.52 0.00 | 34.46 -0.97 0.00 | 26.01 -0.87 0.00 | 24.11 -1.08 0.00 |
| BARON_WINDS___WT_PWR 323822 | 22.63 -0.60 0.00 | 22.71 -0.65 0.00 | 20.31 -0.67 0.00 | 18.10 -0.52 0.00 | 17.87 -0.57 0.00 | 19.72 -0.57 0.00 | 21.64 -0.48 0.00 | 20.72 -0.59 0.00 | 18.21 -0.59 0.00 | 17.92 -0.46 0.00 | 17.79 -0.36 0.00 | 21.39 -0.30 0.00 | 23.34 -0.26 0.00 | 23.99 -0.22 0.00 | 23.29 -0.44 0.00 | 22.73 -0.18 0.00 | 32.75 -0.44 0.00 | 39.12 -0.38 0.00 | 36.43 -0.45 0.00 | 29.79 -0.55 0.00 | 36.06 -0.87 0.00 | 34.98 -0.45 0.00 | 26.45 -0.44 0.00 | 24.48 -0.72 0.00 |
| BARRETT_IC_1 23704 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BARRETT_IC_10 23701 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BARRETT_IC_11 23702 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BARRETT_IC_12 23703 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BARRETT_IC_2 23705 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BARRETT_IC_3 23706 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BARRETT_IC_4 23707 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |

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|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| BARRETT_IC_5 23708 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BARRETT_IC_6 23709 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BARRETT_IC_7 23710 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.90 -2.16 | 23.06 1.03 -3.87 | 31.78 1.24 -8.84 | 32.58 1.50 -7.48 | 31.87 1.55 -6.11 | 25.13 1.40 0.00 | 24.46 1.55 0.00 | 35.38 2.19 0.00 | 42.33 2.82 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.45 2.02 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BARRETT_IC_8 23711 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BARRETT_IC_9 23700 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BARRETT___1 23545 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BARRETT___2 23546 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.78 0.79 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.96 0.67 0.00 | 22.83 0.72 0.00 | 22.01 0.70 0.00 | 19.60 0.80 0.00 | 21.43 0.89 -2.16 | 23.06 1.03 -3.87 | 31.77 1.24 -8.84 | 32.58 1.50 -7.48 | 31.88 1.56 -6.11 | 25.14 1.40 0.00 | 24.45 1.54 0.00 | 35.38 2.19 0.00 | 42.33 2.83 0.00 | 39.21 2.33 0.00 | 32.17 1.83 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.57 1.68 0.00 | 26.68 1.49 0.00 |
| BATAVIA__115KV_TB1 55881 | 22.60 -0.63 0.00 | 22.78 -0.58 0.00 | 20.27 -0.72 0.00 | 18.02 -0.60 0.00 | 17.84 -0.61 0.00 | 19.72 -0.57 0.00 | 21.68 -0.43 0.00 | 20.70 -0.61 0.00 | 1 | | | | | | | | | | | | | | | |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG7 323688 | 24.17 0.94 0.00 | 24.13 0.77 0.00 | 21.65 0.67 0.00 | 19.24 0.62 0.00 | 19.03 0.59 0.00 | 20.82 0.53 0.00 | 22.69 0.58 0.00 | 21.93 0.62 0.00 | 19.49 0.69 0.00 | 19.09 0.71 0.00 | 18.99 0.83 0.00 | 22.70 1.01 0.00 | 24.87 1.27 0.00 | 25.52 1.31 0.00 | 25.16 1.42 0.00 | 24.45 1.54 0.00 | 35.42 2.23 0.00 | 42.24 2.74 0.00 | 39.21 2.33 0.00 | 32.19 1.85 0.00 | 39.14 2.20 0.00 | 37.40 1.97 0.00 | 28.38 1.50 0.00 | 26.42 1.22 0.00 |
| BAYONEEC___CTG8 323689 | 24.17 0.94 0.00 | 24.13 0.77 0.00 | 21.65 0.67 0.00 | 19.24 0.62 0.00 | 19.03 0.59 0.00 | 20.82 0.53 0.00 | 22.69 0.58 0.00 | 21.93 0.62 0.00 | 19.49 0.69 0.00 | 19.09 0.71 0.00 | 18.99 0.83 0.00 | 22.70 1.01 0.00 | 24.87 1.27 0.00 | 25.52 1.31 0.00 | 25.16 1.42 0.00 | 24.45 1.54 0.00 | 35.42 2.23 0.00 | 42.24 2.74 0.00 | 39.21 2.33 0.00 | 32.19 1.85 0.00 | 39.14 2.20 0.00 | 37.40 1.97 0.00 | 28.38 1.50 0.00 | 26.42 1.22 0.00 |
| BAYONEEC___CTG9 323749 | 24.17 0.94 0.00 | 24.13 0.77 0.00 | 21.65 0.67 0.00 | 19.24 0.62 0.00 | 19.03 0.59 0.00 | 20.82 0.53 0.00 | 22.69 0.58 0.00 | 21.93 0.62 0.00 | 19.49 0.69 0.00 | 19.09 0.71 0.00 | 18.99 0.83 0.00 | 22.70 1.01 0.00 | 24.87 1.27 0.00 | 25.52 1.31 0.00 | 25.16 1.42 0.00 | 24.45 1.54 0.00 | 35.42 2.23 0.00 | 42.24 2.74 0.00 | 39.21 2.33 0.00 | 32.19 1.85 0.00 | 39.14 2.20 0.00 | 37.40 1.97 0.00 | 28.38 1.50 0.00 | 26.42 1.22 0.00 |
| BEACON___LESR 323632 | 23.57 0.34 0.00 | 23.71 0.35 0.00 | 21.43 0.45 0.00 | 19.03 0.42 0.00 | 18.86 0.41 0.00 | 20.65 0.36 0.00 | 22.39 0.27 0.00 | 21.67 0.36 0.00 | 19.12 0.33 0.00 | 18.62 0.24 0.00 | 18.41 0.25 0.00 | 21.96 0.26 0.00 | 23.94 0.34 0.00 | 24.47 0.26 0.00 | 24.10 0.37 0.00 | 23.41 0.50 0.00 | 33.91 0.72 0.00 | 40.54 1.04 0.00 | 37.89 1.01 0.00 | 31.20 0.85 0.00 | 38.11 1.18 0.00 | 36.30 0.87 0.00 | 27.52 0.63 0.00 | 25.62 0.42 0.00 |
| BEAVER RIVER___HYD 24048 | 22.60 -0.63 0.00 | 22.78 -0.58 0.00 | 20.46 -0.52 0.00 | 18.16 -0.46 0.00 | 18.14 -0.30 0.00 | 19.96 -0.33 0.00 | 21.77 -0.34 0.00 | 20.99 -0.32 0.00 | 18.44 -0.36 0.00 | 18.00 -0.37 0.00 | 17.80 -0.36 0.00 | 21.21 -0.48 0.00 | 23.12 -0.48 0.00 | 23.78 -0.43 0.00 | 23.30 -0.43 0.00 | 22.52 -0.38 0.00 | 33.00 -0.20 0.00 | 39.19 -0.32 0.00 | 36.96 0.08 0.00 | 30.55 0.21 0.00 | 37.47 0.53 0.00 | 35.85 0.42 0.00 | 27.15 0.26 0.00 | 25.35 0.15 0.00 |
| BEEBEE_GT_13 23619 | 22.56 -0.67 0.00 | 22.73 -0.63 0.00 | 20.29 -0.69 0.00 | 18.03 -0.59 0.00 | 17.85 -0.60 0.00 | 19.69 -0.61 0.00 | 21.58 -0.53 0.00 | 20.67 -0.64 0.00 | 18.16 -0.63 0.00 | 17.92 -0.46 0.00 | 17.78 -0.38 0.00 | 21.37 -0.32 0.00 | 23.24 -0.37 0.00 | 23.87 -0.34 0.00 | 23.21 -0.52 0.00 | 22.59 -0.32 0.00 | 32.59 -0.60 0.00 | 38.85 -0.66 0.00 | 36.32 -0.56 0.00 | 29.66 -0.68 0.00 | 35.94 -0.99 0.00 | 34.77 -0.65 0.00 | 26.27 -0.61 0.00 | 24.44 -0.75 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 24.49 1.26 0.00 | 24.44 1.07 0.00 | 21.91 0.92 0.00 | 19.46 0.84 0.00 | 19.22 0.77 0.00 | 21.02 0.73 0.00 | 22.92 0.81 0.00 | 22.16 0.85 0.00 | 19.69 0.90 0.00 | 19.30 0.92 0.00 | 19.21 1.05 0.00 | 23.05 1.35 0.00 | 25.27 1.65 -0.01 | 25.93 1.71 -0.01 | 25.53 1.79 -0.01 | 24.81 1.90 0.00 | 40.24 2.73 -4.32 | 42.84 3.34 0.00 | 39.76 2.88 0.00 | 32.67 2.32 0.00 | 39.65 2.72 0.00 | 37.96 2.53 -0.01 | 28.83 1.93 -0.01 | 26.79 1.59 0.00 |
| BETHLEHEM___GRP 23843 | 23.22 -0.01 0.00 | 23.38 0.02 0.00 | 21.21 0.23 0.00 | 18.87 0.26 0.00 | 18.70 0.25 0.00 | 20.49 0.20 0.00 | 22.19 0.08 0.00 | 21.47 0.15 0.00 | 18.92 0.13 0.00 | 18.39 0.01 0.00 | 18.14 -0.02 0.00 | 21.66 -0.03 0.00 | 23.51 -0.09 0.00 | 24.10 -0.11 0.00 | 23.72 -0.01 0.00 | 23.03 0.12 0.00 | 33.27 0.08 0.00 | 39.75 0.24 0.00 | 37.17 0.29 0.00 | 30.64 0.30 0.00 | 37.39 0.45 0.00 | 35.73 0.30 0.00 | 27.10 0.22 0.00 | 25.25 0.05 0.00 |
| BETHLEHEM___GS1 323560 | 23.22 -0.01 0.00 | 23.38 0.02 0.00 | 21.21 0.22 0.00 | 18.87 0.26 0.00 | 18.70 0.25 0.00 | 20.49 0.20 0.00 | 22.19 0.08 0.00 | 21.46 0.15 0.00 | 18.92 0.13 0.00 | 18.39 0.01 0.00 | 18.14 -0.02 0.00 | 21.66 -0.03 0.00 | 23.51 -0.09 0.00 | 24.10 -0.11 0.00 | 23.72 -0.01 0.00 | 23.03 0.12 0.00 | 33.27 0.08 0.00 | 39.75 0.25 0.00 | 37.17 0.29 0.00 | 30.64 0.30 0.00 | 37.39 0.45 0.00 | 35.73 0.30 0.00 | 27.10 0.22 0.00 | 25.25 0.05 0.00 |
| BETHLEHEM___GS2 323561 | 23.22 -0.01 0.00 | 23.38 0.02 0.00 | 21.21 0.22 0.00 | 18.87 0.26 0.00 | 18.70 0.25 0.00 | 20.49 0.20 0.00 | 22.19 0.08 0.00 | 21.46 0.15 0.00 | 18.92 0.13 0.00 | 18.39 0.01 0.00 | 18.14 -0.02 0.00 | 21.66 -0.03 0.00 | 23.51 -0.09 0.00 | 24.10 -0.11 0.00 | 23.72 -0.01 0.00 | 23.03 0.12 0.00 | 33.27 0.08 0.00 | 39.75 0.25 0.00 | 37.17 0.29 0.00 | 30.64 0.30 0.00 | 37.39 0.45 0.00 | 35.73 0.30 0.00 | 27.10 0.22 0.00 | 25.25 0.05 0.00 |
| BETHLEHEM___GS3 323562 | 23.22 -0.01 0.00 | 23.38 0.02 0.00 | 21.21 0.22 0.00 | 18.87 0.26 0.00 | 18.70 0.25 0.00 | 20.49 0.20 0.00 | 22.19 0.08 0.00 | 21.46 0.15 0.00 | 18.92 0.13 0.00 | 18.39 0.01 0.00 | 18.14 -0.02 0.00 | 21.66 -0.03 0.00 | 23.51 -0.09 0.00 | 24.10 -0.11 0.00 | 23.72 -0.01 0.00 | 23.03 0.12 0.00 | 33.27 0.08 0.00 | 39.75 0.25 0.00 | 37.17 0.29 0.00 | 30.64 0.30 0.00 | 37.39 0.45 0.00 | 35.73 0.30 0.00 | 27.10 0.22 0.00 | 25.25 0.05 0.00 |
| BETHLEHEM___STEEL 23779 | 22.23 -1.01 0.00 | 22.40 -0.96 0.00 | 19.94 -1.04 0.00 | 17.74 -0.87 0.00 | 17.55 -0.90 0.00 | 19.41 -0.88 0.00 | 21.35 -0.76 0.00 | 20.37 -0.94 0.00 | 17.90 -0.89 0.00 | 17.77 -0.61 0.00 | 17.70 -0.46 0.00 | 21.35 -0.35 0.00 | 23.21 -0.39 0.00 | 23.84 -0.36 0.00 | 23.04 -0.70 0.00 | 22.46 -0.45 0.00 | 32.17 -1.02 0.00 | 38.22 -1.29 0.00 | 35.61 -1.27 0.00 | 29.04 -1.30 0.00 | 35.13 -1.81 0.00 | 34.26 -1.17 0.00 | 25.89 -1.00 0.00 | 24.05 -1.15 0.00 |
| BETHLHEM_115KV_TB1 79974 | 23.28 0.05 0.00 | 23.43 0.07 0.00 | 21.23 0.25 0.00 | 18.88 0.27 0.00 | 18.71 0.26 0.00 | 20.50 0.21 0.00 | 22.21 0.10 0.00 | 21.48 0.17 0.00 | 18.95 0.15 0.00 | 18.43 0.05 0.00 | 18.19 0.03 0.00 | 21.72 0.02 0.00 | 23.58 -0.02 0.00 | 24.18 -0.03 0.00 | 23.79 0.05 0.00 | 23.09 0.18 0.00 | 33.37 0.18 0.00 | 39.87 0.36 0.00 | 37.26 0.38 0.00 | 30.72 0.38 0.00 | 37.47 0.53 0.00 | 35.81 0.38 0.00 | 27.17 0.28 0.00 | 25.32 0.13 0.00 |
| BETHPAGE_CC_5 323564 | 24.45 1.21 0.00 | 24.39 1.03 0.00 | 21.85 0.87 0.00 | 19.40 0.78 0.00 | 19.20 0.75 0.00 | 21.04 0.75 0.00 | 22.92 0.81 0.00 | 22.14 0.83 0.00 | 19.74 0.94 0.00 | 21.55 1.01 -2.16 | 23.11 1.09 -3.87 | 31.83 1.30 -8.84 | 32.66 1.57 -7.48 | 31.87 1.55 -6.11 | 25.22 1.48 0.00 | 24.56 1.65 0.00 | 35.58 2.38 0.00 | 42.58 3.08 0.00 | 39.47 2.58 0.00 | 32.38 2.04 0.00 | 39.50 2.57 0.00 | 37.66 2.23 0.00 | 28.67 1.79 0.00 | 26.70 1.50 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 22.32 -0.91 0.00 | 22.49 -0.88 0.00 | 20.02 -0.97 0.00 | 17.82 -0.80 0.00 | 17.62 -0.82 0.00 | 19.48 -0.81 0.00 | 21.43 -0.68 0.00 | 20.45 -0.86 0.00 | 17.98 -0.82 0.00 | 17.84 -0.54 0.00 | 17.78 -0.38 0.00 | 21.44 -0.25 0.00 | 23.32 -0.29 0.00 | 23.96 -0.25 0.00 | 23.15 -0.59 0.00 | 22.57 -0.33 0.00 | 32.36 -0.84 0.00 | 38.42 -1.08 0.00 | 35.79 -1.09 0.00 | 29.20 -1.15 0.00 | 35.32 -1.62 0.00 | 34.42 -1.01 0.00 | 26.00 -0.89 0.00 | 24.15 -1.05 0.00 |

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| BINGHAMTON___COGEN 23790 | 23.10 -0.13 0.00 | 23.18 -0.18 0.00 | 20.78 -0.20 0.00 | 18.49 -0.12 0.00 | 18.28 -0.16 0.00 | 20.12 -0.17 0.00 | 21.99 -0.12 0.00 | 21.14 -0.17 0.00 | 18.64 -0.16 0.00 | 18.24 -0.14 0.00 | 18.05 -0.11 0.00 | 21.61 -0.08 0.00 | 23.59 -0.01 0.00 | 24.23 0.02 0.00 | 23.68 -0.05 0.00 | 23.03 0.12 0.00 | 33.35 0.15 0.00 | 39.87 0.36 0.00 | 37.16 0.28 0.00 | 30.53 0.18 0.00 | 37.06 0.12 0.00 | 35.59 0.16 0.00 | 26.92 0.04 0.00 | 25.01 -0.19 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 22.67 -0.56 0.00 | 22.81 -0.55 0.00 | 20.31 -0.67 0.00 | 18.07 -0.54 0.00 | 17.86 -0.59 0.00 | 19.74 -0.55 0.00 | 21.71 -0.40 0.00 | 20.74 -0.58 0.00 | 18.24 -0.56 0.00 | 18.08 -0.30 0.00 | 17.97 -0.19 0.00 | 21.64 -0.06 0.00 | 23.57 -0.03 0.00 | 24.21 0.00 0.00 | 23.40 -0.33 0.00 | 22.83 -0.07 0.00 | 32.83 -0.36 0.00 | 39.01 -0.49 0.00 | 36.30 -0.58 0.00 | 29.67 -0.68 0.00 | 35.87 -1.07 0.00 | 34.87 -0.56 0.00 | 26.34 -0.55 0.00 | 24.42 -0.78 0.00 |
| BLACK RIVER___HYD 24047 | 22.49 -0.74 0.00 | 22.67 -0.69 0.00 | 20.34 -0.64 0.00 | 18.03 -0.59 0.00 | 18.02 -0.43 0.00 | 19.82 -0.47 0.00 | 21.65 -0.47 0.00 | 20.85 -0.46 0.00 | 18.30 -0.50 0.00 | 17.86 -0.52 0.00 | 17.68 -0.48 0.00 | 21.02 -0.67 0.00 | 22.91 -0.69 0.00 | 23.55 -0.66 0.00 | 23.09 -0.65 0.00 | 22.36 -0.55 0.00 | 32.95 -0.24 0.00 | 39.05 -0.45 0.00 | 36.85 -0.03 0.00 | 30.51 0.17 0.00 | 37.49 0.56 0.00 | 35.76 0.33 0.00 | 27.10 0.21 0.00 | 25.27 0.08 0.00 |
| BLACKRVR_115KV_TB2 79977 | 22.49 -0.74 0.00 | 22.67 -0.69 0.00 | 20.34 -0.64 0.00 | 18.03 -0.58 0.00 | 18.02 -0.43 0.00 | 19.82 -0.47 0.00 | 21.65 -0.46 0.00 | 20.85 -0.46 0.00 | 18.30 -0.50 0.00 | 17.86 -0.52 0.00 | 17.68 -0.48 0.00 | 21.03 -0.67 0.00 | 22.91 -0.69 0.00 | 23.55 -0.66 0.00 | 23.09 -0.65 0.00 | 22.36 -0.55 0.00 | 32.95 -0.24 0.00 | 39.05 -0.45 0.00 | 36.85 -0.03 0.00 | 30.51 0.17 0.00 | 37.49 0.56 0.00 | 35.76 0.33 0.00 | 27.10 0.21 0.00 | 25.27 0.08 0.00 |
| BLISS_WT_PWR 323608 | 22.67 -0.56 0.00 | 22.81 -0.56 0.00 | 20.31 -0.67 0.00 | 18.06 -0.55 0.00 | 17.86 -0.59 0.00 | 19.74 -0.56 0.00 | 21.70 -0.42 0.00 | 20.75 -0.57 0.00 | 18.24 -0.56 0.00 | 18.08 -0.29 0.00 | 17.98 -0.18 0.00 | 21.66 -0.03 0.00 | 23.58 -0.03 0.00 | 24.22 0.01 0.00 | 23.41 -0.33 0.00 | 22.85 -0.06 0.00 | 32.84 -0.36 0.00 | 39.01 -0.49 0.00 | 36.30 -0.59 0.00 | 29.66 -0.68 0.00 | 35.86 -1.07 0.00 | 34.87 -0.56 0.00 | 26.34 -0.55 0.00 | 24.42 -0.78 0.00 |
| BLUESTONE___WT_PWR 323821 | 24.02 0.79 0.00 | 24.04 0.68 0.00 | 21.55 0.57 0.00 | 19.15 0.54 0.00 | 18.95 0.50 0.00 | 20.84 0.55 0.00 | 22.79 0.68 0.00 | 21.90 0.59 0.00 | 19.29 0.49 0.00 | 18.78 0.40 0.00 | 18.60 0.44 0.00 | 22.24 0.55 0.00 | 24.27 0.67 0.00 | 24.98 0.76 0.00 | 24.45 0.72 0.00 | 23.77 0.86 0.00 | 34.64 1.45 0.00 | 41.49 1.98 0.00 | 38.91 2.03 0.00 | 32.03 1.69 0.00 | 38.89 1.95 0.00 | 37.24 1.81 0.00 | 28.15 1.26 0.00 | 26.13 0.93 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 23.58 0.35 0.00 | 23.73 0.37 0.00 | 21.45 0.47 0.00 | 19.08 0.46 0.00 | 18.90 0.45 0.00 | 20.73 0.44 0.00 | 22.48 0.37 0.00 | 21.70 0.40 0.00 | 19.12 0.32 0.00 | 18.58 0.20 0.00 | 18.31 0.15 0.00 | 21.86 0.16 0.00 | 23.75 0.14 0.00 | 24.35 0.14 0.00 | 23.95 0.21 0.00 | 23.23 0.32 0.00 | 33.63 0.43 0.00 | 40.22 0.71 0.00 | 37.66 0.78 0.00 | 31.07 0.72 0.00 | 37.89 0.96 0.00 | 36.25 0.82 0.00 | 27.50 0.61 0.00 | 25.63 0.43 0.00 |
| BOC_GAS_DRP 24189 | 23.42 0.19 0.00 | 23.54 0.18 0.00 | 21.23 0.25 0.00 | 18.87 0.26 0.00 | 18.70 0.25 0.00 | 20.51 0.22 0.00 | 22.27 0.15 0.00 | 21.50 0.19 0.00 | 18.98 0.19 0.00 | 18.51 0.14 0.00 | 18.28 0.13 0.00 | 21.84 0.15 0.00 | 23.77 0.16 0.00 | 24.37 0.16 0.00 | 23.96 0.22 0.00 | 23.23 0.32 0.00 | 33.60 0.41 0.00 | 40.10 0.60 0.00 | 37.46 0.58 0.00 | 30.86 0.52 0.00 | 37.62 0.68 0.00 | 35.99 0.56 0.00 | 27.31 0.42 0.00 | 25.47 0.27 0.00 |
| BOONVILLE_115KV_TB1 79983 | 23.29 0.06 0.00 | 23.43 0.07 0.00 | 21.04 0.06 0.00 | 18.68 0.06 0.00 | 18.55 0.10 0.00 | 20.40 0.11 0.00 | 22.24 0.12 0.00 | 21.43 0.12 0.00 | 18.85 0.05 0.00 | 18.40 0.02 0.00 | 18.19 0.03 0.00 | 21.70 0.00 0.00 | 23.64 0.04 0.00 | 24.27 0.05 0.00 | 23.81 0.07 0.00 | 23.04 0.13 0.00 | 33.57 0.37 0.00 | 40.04 0.54 0.00 | 37.64 0.76 0.00 | 31.05 0.70 0.00 | 37.90 0.97 0.00 | 36.29 0.86 0.00 | 27.46 0.57 0.00 | 25.62 0.42 0.00 |
| BORALEX_4TH_BRANCH 23824 | 24.09 0.86 0.00 | 24.37 1.01 0.00 | 22.00 1.02 0.00 | 19.56 0.94 0.00 | 19.40 0.95 0.00 | 21.27 0.98 0.00 | 22.95 0.84 0.00 | 22.11 0.80 0.00 | 19.45 0.65 0.00 | 18.91 0.54 0.00 | 18.60 0.45 0.00 | 22.21 0.51 0.00 | 24.16 0.55 0.00 | 24.73 0.52 0.00 | 24.29 0.55 0.00 | 23.52 0.61 0.00 | 33.96 0.77 0.00 | 40.61 1.11 0.00 | 38.09 1.21 0.00 | 31.55 1.21 0.00 | 38.80 1.87 0.00 | 37.16 1.73 0.00 | 28.18 1.30 0.00 | 26.23 1.03 0.00 |
| BOWLINE___1 23526 | 23.96 0.73 0.00 | 23.93 0.57 0.00 | 21.47 0.49 0.00 | 19.07 0.45 0.00 | 18.88 0.44 0.00 | 20.67 0.39 0.00 | 22.53 0.42 0.00 | 21.76 0.45 0.00 | 19.31 0.51 0.00 | 18.91 0.54 0.00 | 18.78 0.62 0.00 | 22.47 0.78 0.00 | 24.60 1.00 0.00 | 25.27 1.05 0.00 | 24.89 1.15 0.00 | 24.18 1.26 0.00 | 35.03 1.84 0.00 | 41.84 2.34 0.00 | 38.89 2.01 0.00 | 31.94 1.60 0.00 | 38.83 1.90 0.00 | 37.06 1.63 0.00 | 28.13 1.24 0.00 | 26.19 0.99 0.00 |
| BOWLINE___2 23595 | 23.96 0.73 0.00 | 23.93 0.57 0.00 | 21.47 0.49 0.00 | 19.07 0.45 0.00 | 18.88 0.44 0.00 | 20.68 0.39 0.00 | 22.53 0.42 0.00 | 21.76 0.45 0.00 | 19.31 0.51 0.00 | 18.91 0.54 0.00 | 18.78 0.62 0.00 | 22.47 0.78 0.00 | 24.60 1.00 0.00 | 25.27 1.05 0.00 | 24.89 1.15 0.00 | 24.18 1.26 0.00 | 35.03 1.84 0.00 | 41.84 2.34 0.00 | 38.89 2.01 0.00 | 31.94 1.60 0.00 | 38.83 1.90 0.00 | 37.07 1.64 0.00 | 28.13 1.24 0.00 | 26.19 0.99 0.00 |
| BRADY___115KV_TB2 356060 | 23.52 0.29 0.00 | 23.68 0.32 0.00 | 21.23 0.25 0.00 | 18.80 0.19 0.00 | 18.76 0.31 0.00 | 20.70 0.41 0.00 | 22.61 0.50 0.00 | 21.79 0.48 0.00 | 19.14 0.35 0.00 | 18.68 0.30 0.00 | 18.46 0.30 0.00 | 22.10 0.40 0.00 | 24.05 0.45 0.00 | 24.70 0.49 0.00 | 24.13 0.40 0.00 | 23.09 0.19 0.00 | 33.56 0.37 0.00 | 39.76 0.26 0.00 | 37.07 0.19 0.00 | 30.68 0.34 0.00 | 37.47 0.54 0.00 | 36.10 0.67 0.00 | 27.40 0.51 0.00 | 25.83 0.63 0.00 |
| BRANSCOMB___SOLAR 323811 | 24.30 1.07 0.00 | 24.39 1.03 0.00 | 21.99 1.00 0.00 | 19.54 0.92 0.00 | 19.33 0.89 0.00 | 21.23 0.94 0.00 | 23.02 0.91 0.00 | 22.14 0.83 0.00 | 19.48 0.68 0.00 | 18.93 0.56 0.00 | 18.65 0.49 0.00 | 22.28 0.58 0.00 | 24.28 0.68 0.00 | 24.91 0.70 0.00 | 24.50 0.77 0.00 | 23.79 0.88 0.00 | 34.55 1.35 0.00 | 41.51 2.00 0.00 | 39.00 2.12 0.00 | 32.24 1.90 0.00 | 39.33 2.39 0.00 | 37.53 2.10 0.00 | 28.48 1.59 0.00 | 26.49 1.30 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 24.60 1.37 0.00 | 24.54 1.18 0.00 | 22.00 1.02 0.00 | 19.54 0.92 0.00 | 19.33 0.88 0.00 | 21.21 0.92 0.00 | 23.11 1.00 0.00 | 22.30 0.99 0.00 | 19.90 1.11 0.00 | 21.71 1.18 -2.16 | 23.25 1.23 -3.87 | 32.02 1.48 -8.84 | 32.87 1.79 -7.48 | 32.21 1.89 -6.11 | 25.57 1.83 0.00 | 24.93 2.02 0.00 | 36.01 2.82 0.00 | 43.12 3.62 0.00 | 39.97 3.09 0.00 | 32.83 2.49 0.00 | 40.18 3.24 0.00 | 38.04 2.61 0.00 | 28.96 2.07 0.00 | 26.94 1.74 0.00 |

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| BRISTLHL_115KV_TB1 79998 | 22.77 -0.46 0.00 | 22.92 -0.44 0.00 | 20.56 -0.42 0.00 | 18.26 -0.35 0.00 | 18.08 -0.36 0.00 | 19.89 -0.40 0.00 | 21.70 -0.41 0.00 | 20.90 -0.42 0.00 | 18.40 -0.40 0.00 | 17.98 -0.39 0.00 | 17.75 -0.41 0.00 | 21.17 -0.53 0.00 | 22.97 -0.63 0.00 | 23.56 -0.65 0.00 | 23.09 -0.65 0.00 | 22.39 -0.52 0.00 | 32.45 -0.74 0.00 | 38.74 -0.76 0.00 | 36.25 -0.63 0.00 | 29.83 -0.51 0.00 | 36.27 -0.67 0.00 | 34.79 -0.64 0.00 | 26.33 -0.55 0.00 | 24.58 -0.61 0.00 |
| BROOKHAVEN___DRP 24191 | 24.32 1.09 0.00 | 24.23 0.87 0.00 | 21.70 0.72 0.00 | 19.32 0.70 0.00 | 19.12 0.68 0.00 | 20.99 0.70 0.00 | 22.91 0.80 0.00 | 22.08 0.77 0.00 | 19.72 0.92 0.00 | 21.52 0.99 -2.16 | 23.05 1.03 -3.87 | 31.76 1.23 -8.84 | 32.59 1.51 -7.48 | 31.94 1.62 -6.11 | 25.34 1.60 0.00 | 24.73 1.82 0.00 | 35.78 2.58 0.00 | 42.91 3.41 0.00 | 39.76 2.88 0.00 | 32.62 2.28 0.00 | 39.83 2.89 0.00 | 37.64 2.21 0.00 | 28.68 1.79 0.00 | 26.66 1.47 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 24.17 0.94 0.00 | 24.13 0.77 0.00 | 21.65 0.67 0.00 | 19.25 0.63 0.00 | 19.03 0.58 0.00 | 20.82 0.53 0.00 | 22.69 0.58 0.00 | 21.94 0.62 0.00 | 19.49 0.69 0.00 | 19.10 0.72 0.00 | 18.99 0.84 0.00 | 22.71 1.01 0.00 | 24.89 1.28 0.00 | 25.52 1.31 0.00 | 25.15 1.42 0.00 | 24.45 1.54 0.00 | 35.42 2.23 0.00 | 42.24 2.74 0.00 | 39.23 2.35 0.00 | 32.20 1.86 0.00 | 39.15 2.21 0.00 | 37.40 1.97 0.00 | 28.40 1.52 0.00 | 26.42 1.22 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.19 0.81 0.00 | 19.10 0.94 0.00 | 22.91 1.21 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.72 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 24.56 1.33 0.00 | 24.50 1.14 0.00 | 21.95 0.97 0.00 | 19.48 0.87 0.00 | 19.27 0.83 0.00 | 21.12 0.83 0.00 | 23.01 0.90 0.00 | 22.23 0.92 0.00 | 19.82 1.02 0.00 | 21.63 1.09 -2.16 | 23.23 1.21 -3.87 | 32.03 1.49 -8.84 | 32.89 1.81 -7.48 | 32.19 1.87 -6.11 | 25.45 1.72 0.00 | 24.79 1.88 0.00 | 35.91 2.72 0.00 | 42.98 3.47 0.00 | 39.82 2.94 0.00 | 32.64 2.30 0.00 | 39.79 2.85 0.00 | 38.02 2.59 0.00 | 28.89 2.00 0.00 | 26.90 1.70 0.00 |
| BROOME_2_LFGE 323671 | 23.10 -0.13 0.00 | 23.18 -0.18 0.00 | 20.79 -0.20 0.00 | 18.50 -0.12 0.00 | 18.28 -0.16 0.00 | 20.12 -0.17 0.00 | 21.99 -0.12 0.00 | 21.14 -0.17 0.00 | 18.64 -0.16 0.00 | 18.24 -0.14 0.00 | 18.05 -0.11 0.00 | 21.61 -0.08 0.00 | 23.59 -0.01 0.00 | 24.23 0.02 0.00 | 23.68 -0.05 0.00 | 23.03 0.12 0.00 | 33.35 0.15 0.00 | 39.87 0.36 0.00 | 37.17 0.29 0.00 | 30.53 0.18 0.00 | 37.06 0.13 0.00 | 35.59 0.16 0.00 | 26.93 0.04 0.00 | 25.01 -0.19 0.00 |
| BROOME___LFGE 323600 | 23.10 -0.13 0.00 | 23.18 -0.18 0.00 | 20.79 -0.20 0.00 | 18.50 -0.12 0.00 | 18.28 -0.16 0.00 | 20.12 -0.17 0.00 | 21.99 -0.12 0.00 | 21.14 -0.17 0.00 | 18.64 -0.16 0.00 | 18.24 -0.14 0.00 | 18.05 -0.11 0.00 | 21.61 -0.08 0.00 | 23.59 -0.01 0.00 | 24.23 0.02 0.00 | 23.68 -0.05 0.00 | 23.03 0.12 0.00 | 33.35 0.15 0.00 | 39.87 0.36 0.00 | 37.17 0.29 0.00 | 30.53 0.18 0.00 | 37.06 0.13 0.00 | 35.59 0.16 0.00 | 26.93 0.04 0.00 | 25.01 -0.19 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 22.62 -0.61 0.00 | 22.79 -0.57 0.00 | 20.46 -0.52 0.00 | 18.15 -0.47 0.00 | 18.20 -0.25 0.00 | 20.05 -0.24 0.00 | 21.87 -0.24 0.00 | 21.12 -0.19 0.00 | 18.57 -0.23 0.00 | 18.15 -0.23 0.00 | 17.94 -0.22 0.00 | 21.43 -0.27 0.00 | 23.34 -0.26 0.00 | 24.07 -0.13 0.00 | 23.56 -0.17 0.00 | 22.70 -0.21 0.00 | 33.13 -0.06 0.00 | 39.29 -0.21 0.00 | 36.90 0.02 0.00 | 30.47 0.13 0.00 | 37.30 0.36 0.00 | 35.78 0.35 0.00 | 27.12 0.23 0.00 | 25.41 0.22 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 24.41 1.18 0.00 | 24.37 1.01 0.00 | 21.85 0.87 0.00 | 19.42 0.80 0.00 | 19.21 0.76 0.00 | 21.01 0.72 0.00 | 22.90 0.79 0.00 | 22.14 0.83 0.00 | 19.67 0.88 0.00 | 19.28 0.91 0.00 | 19.18 1.03 0.00 | 22.96 1.27 0.00 | 25.16 1.56 0.00 | 25.82 1.61 0.00 | 25.45 1.72 0.00 | 24.74 1.83 0.00 | 35.83 2.63 0.00 | 42.75 3.25 0.00 | 39.68 2.81 0.00 | 32.58 2.23 0.00 | 39.61 2.67 0.00 | 37.83 2.40 0.00 | 28.70 1.81 0.00 | 26.71 1.51 0.00 |
| BURROWS___LYONSDAL 23803 | 23.11 -0.12 0.00 | 23.27 -0.09 0.00 | 20.90 -0.08 0.00 | 18.56 -0.06 0.00 | 18.46 0.01 0.00 | 20.30 0.01 0.00 | 22.12 0.00 0.00 | 21.32 0.00 0.00 | 18.75 -0.05 0.00 | 18.31 -0.07 0.00 | 18.09 -0.07 0.00 | 21.58 -0.12 0.00 | 23.53 -0.08 0.00 | 24.15 -0.07 0.00 | 23.69 -0.04 0.00 | 22.92 0.01 0.00 | 33.43 0.24 0.00 | 39.84 0.34 0.00 | 37.49 0.61 0.00 | 30.93 0.59 0.00 | 37.82 0.89 0.00 | 36.20 0.77 0.00 | 27.39 0.51 0.00 | 25.56 0.36 0.00 |
| CAITHNESS_CC_1 323624 | 24.32 1.09 0.00 | 24.24 0.88 0.00 | 21.72 0.73 0.00 | 19.32 0.70 0.00 | 19.12 0.68 0.00 | 20.99 0.70 0.00 | 22.89 0.78 0.00 | 22.07 0.76 0.00 | 19.71 0.91 0.00 | 21.51 0.98 -2.16 | 23.04 1.02 -3.87 | 31.74 1.21 -8.84 | 32.57 1.49 -7.48 | 31.90 1.58 -6.11 | 25.30 1.57 0.00 | 24.70 1.79 0.00 | 35.72 2.52 0.00 | 42.83 3.33 0.00 | 39.68 2.80 0.00 | 32.56 2.22 0.00 | 39.76 2.83 0.00 | 37.60 2.17 0.00 | 28.65 1.76 0.00 | 26.64 1.44 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 24.48 1.25 0.00 | 24.41 1.06 0.00 | 21.88 0.90 0.00 | 19.42 0.81 0.00 | 19.22 0.77 0.00 | 21.07 0.78 0.00 | 22.95 0.84 0.00 | 22.17 0.85 0.00 | 19.76 0.97 0.00 | 21.57 1.03 -2.16 | 23.14 1.11 -3.87 | 31.86 1.33 -8.84 | 32.67 1.59 -7.48 | 31.84 1.52 -6.11 | 25.19 1.45 0.00 | 24.54 1.63 0.00 | 35.55 2.35 0.00 | 42.53 3.03 0.00 | 39.41 2.53 0.00 | 32.33 1.99 0.00 | 39.46 2.52 0.00 | 37.68 2.25 0.00 | 28.67 1.78 0.00 | 26.69 1.50 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 24.48 1.25 0.00 | 24.42 1.06 0.00 | 21.88 0.90 0.00 | 19.42 0.81 0.00 | 19.22 0.77 0.00 | 21.07 0.78 0.00 | 22.95 0.84 0.00 | 22.17 0.85 0.00 | 19.76 0.97 0.00 | 21.57 1.03 -2.16 | 23.14 1.11 -3.87 | 31.86 1.32 -8.84 | 32.67 1.59 -7.48 | 31.85 1.53 -6.11 | 25.19 1.45 0.00 | 24.54 1.62 0.00 | 35.55 2.35 0.00 | 42.54 3.04 0.00 | 39.41 2.53 0.00 | 32.33 1.99 0.00 | 39.46 2.52 0.00 | 37.68 2.25 0.00 | 28.67 1.78 0.00 | 26.69 1.50 0.00 |
| CALPINE_BP_GT1 23823 | 24.48 1.25 0.00 | 24.42 1.06 0.00 | 21.88 0.90 0.00 | 19.42 0.81 0.00 | 19.22 0.77 0.00 | 21.07 0.78 0.00 | 22.95 0.84 0.00 | 22.17 0.85 0.00 | 19.76 0.97 0.00 | 21.57 1.03 -2.16 | 23.14 1.11 -3.87 | 31.86 1.32 -8.84 | 32.67 1.59 -7.48 | 31.85 1.53 -6.11 | 25.19 1.45 0.00 | 24.54 1.62 0.00 | 35.55 2.35 0.00 | 42.54 3.04 0.00 | 39.41 2.53 0.00 | 32.33 1.99 0.00 | 39.46 2.52 0.00 | 37.68 2.25 0.00 | 28.67 1.78 0.00 | 26.69 1.50 0.00 |
| CALSPAN___DRP 24200 | 22.23 -1.01 0.00 | 22.40 -0.96 0.00 | 19.94 -1.04 0.00 | 17.74 -0.87 0.00 | 17.55 -0.90 0.00 | 19.41 -0.88 0.00 | 21.35 -0.76 0.00 | 20.37 -0.94 0.00 | 17.90 -0.89 0.00 | 17.77 -0.61 0.00 | 17.70 -0.46 0.00 | 21.35 -0.35 0.00 | 23.21 -0.39 0.00 | 23.84 -0.36 0.00 | 23.04 -0.70 0.00 | 22.46 -0.45 0.00 | 32.17 -1.02 0.00 | 38.22 -1.29 0.00 | 35.61 -1.27 0.00 | 29.04 -1.30 0.00 | 35.13 -1.81 0.00 | 34.26 -1.17 0.00 | 25.89 -1.00 0.00 | 24.05 -1.15 0.00 |

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| CALVERTON___SOLAR 323806 | 24.36 1.13 0.00 | 24.25 0.89 0.00 | 21.72 0.73 0.00 | 19.34 0.72 0.00 | 19.15 0.70 0.00 | 21.02 0.73 0.00 | 22.95 0.84 0.00 | 22.11 0.80 0.00 | 19.76 0.96 0.00 | 21.56 1.03 -2.16 | 23.10 1.08 -3.87 | 31.83 1.29 -8.84 | 32.67 1.59 -7.48 | 32.02 1.70 -6.11 | 25.42 1.68 0.00 | 24.82 1.92 0.00 | 35.91 2.72 0.00 | 43.11 3.60 0.00 | 39.93 3.05 0.00 | 32.74 2.40 0.00 | 39.96 3.02 0.00 | 37.75 2.32 0.00 | 28.76 1.88 0.00 | 26.72 1.52 0.00 |
| CANDIGU_WT_PWR 323617 | 22.63 -0.60 0.00 | 22.71 -0.65 0.00 | 20.31 -0.67 0.00 | 18.10 -0.52 0.00 | 17.87 -0.57 0.00 | 19.72 -0.57 0.00 | 21.64 -0.48 0.00 | 20.72 -0.59 0.00 | 18.21 -0.59 0.00 | 17.92 -0.46 0.00 | 17.79 -0.36 0.00 | 21.39 -0.30 0.00 | 23.34 -0.26 0.00 | 23.99 -0.22 0.00 | 23.29 -0.44 0.00 | 22.73 -0.18 0.00 | 32.75 -0.44 0.00 | 39.12 -0.38 0.00 | 36.43 -0.45 0.00 | 29.79 -0.55 0.00 | 36.06 -0.87 0.00 | 34.98 -0.45 0.00 | 26.45 -0.44 0.00 | 24.48 -0.72 0.00 |
| CARR STREET_E_SYR 24060 | 22.96 -0.27 0.00 | 23.11 -0.25 0.00 | 20.72 -0.26 0.00 | 18.41 -0.21 0.00 | 18.22 -0.23 0.00 | 20.04 -0.25 0.00 | 21.88 -0.23 0.00 | 21.06 -0.25 0.00 | 18.55 -0.24 0.00 | 18.15 -0.22 0.00 | 17.93 -0.23 0.00 | 21.41 -0.28 0.00 | 23.26 -0.34 0.00 | 23.87 -0.34 0.00 | 23.38 -0.36 0.00 | 22.69 -0.22 0.00 | 32.88 -0.32 0.00 | 39.27 -0.24 0.00 | 36.70 -0.19 0.00 | 30.16 -0.18 0.00 | 36.63 -0.30 0.00 | 35.14 -0.29 0.00 | 26.61 -0.28 0.00 | 24.81 -0.39 0.00 |
| CARTHAGE___PAPER 23857 | 22.71 -0.52 0.00 | 22.89 -0.47 0.00 | 20.55 -0.44 0.00 | 18.21 -0.40 0.00 | 18.21 -0.24 0.00 | 20.03 -0.26 0.00 | 21.86 -0.25 0.00 | 21.07 -0.24 0.00 | 18.47 -0.32 0.00 | 18.02 -0.36 0.00 | 17.82 -0.34 0.00 | 21.20 -0.49 0.00 | 23.11 -0.50 0.00 | 23.75 -0.46 0.00 | 23.28 -0.46 0.00 | 22.52 -0.39 0.00 | 33.12 -0.08 0.00 | 39.29 -0.21 0.00 | 37.15 0.27 0.00 | 30.77 0.42 0.00 | 37.75 0.82 0.00 | 36.07 0.64 0.00 | 27.32 0.43 0.00 | 25.50 0.30 0.00 |
| CASSADAGA_WT_PWR 323784 | 22.79 -0.44 0.00 | 22.87 -0.49 0.00 | 20.35 -0.63 0.00 | 18.09 -0.52 0.00 | 17.88 -0.57 0.00 | 19.76 -0.53 0.00 | 21.74 -0.37 0.00 | 20.81 -0.50 0.00 | 18.36 -0.44 0.00 | 18.17 -0.21 0.00 | 18.11 -0.05 0.00 | 21.85 0.16 0.00 | 23.82 0.21 0.00 | 24.50 0.29 0.00 | 23.67 -0.06 0.00 | 23.13 0.22 0.00 | 33.18 -0.01 0.00 | 39.59 0.09 0.00 | 36.90 0.02 0.00 | 30.13 -0.21 0.00 | 36.46 -0.47 0.00 | 35.40 -0.03 0.00 | 26.68 -0.21 0.00 | 24.66 -0.54 0.00 |
| CE_DUNWOOD___DRP 24194 | 24.09 0.86 0.00 | 24.07 0.70 0.00 | 21.60 0.61 0.00 | 19.19 0.57 0.00 | 18.99 0.55 0.00 | 20.79 0.50 0.00 | 22.65 0.54 0.00 | 21.88 0.57 0.00 | 19.42 0.63 0.00 | 19.03 0.65 0.00 | 18.90 0.74 0.00 | 22.62 0.92 0.00 | 24.75 1.15 0.00 | 25.41 1.20 0.00 | 25.02 1.28 0.00 | 24.31 1.40 0.00 | 35.22 2.02 0.00 | 42.05 2.55 0.00 | 39.08 2.20 0.00 | 32.10 1.76 0.00 | 39.04 2.11 0.00 | 37.27 1.84 0.00 | 28.29 1.40 0.00 | 26.32 1.13 0.00 |
| CE_MILLWOOD___DRP 24193 | 24.04 0.81 0.00 | 24.03 0.67 0.00 | 21.56 0.58 0.00 | 19.16 0.54 0.00 | 18.96 0.51 0.00 | 20.75 0.47 0.00 | 22.61 0.50 0.00 | 21.85 0.54 0.00 | 19.39 0.59 0.00 | 18.99 0.61 0.00 | 18.86 0.70 0.00 | 22.56 0.87 0.00 | 24.70 1.09 0.00 | 25.35 1.14 0.00 | 24.96 1.23 0.00 | 24.25 1.34 0.00 | 35.14 1.94 0.00 | 41.95 2.45 0.00 | 39.00 2.12 0.00 | 32.04 1.69 0.00 | 38.97 2.04 0.00 | 37.20 1.77 0.00 | 28.23 1.34 0.00 | 26.27 1.07 0.00 |
| CE_NYC2_DRP 24202 | 24.26 1.03 0.00 | 24.21 0.85 0.00 | 21.72 0.74 0.00 | 19.31 0.70 0.00 | 19.09 0.64 0.00 | 20.88 0.59 0.00 | 22.76 0.65 0.00 | 22.01 0.70 0.00 | 19.54 0.75 0.00 | 19.15 0.78 0.00 | 19.06 0.90 0.00 | 22.80 1.10 0.00 | 24.96 1.36 0.00 | 25.61 1.40 0.00 | 25.24 1.51 0.00 | 24.52 1.62 0.00 | 35.52 2.32 0.00 | 42.37 2.87 0.00 | 39.34 2.46 0.00 | 32.31 1.97 0.00 | 39.26 2.32 0.00 | 37.53 2.10 0.00 | 28.49 1.60 0.00 | 26.50 1.30 0.00 |
| CE_NYC_DRP 24195 | 24.19 0.97 0.00 | 24.16 0.80 0.00 | 21.68 0.70 0.00 | 19.27 0.65 0.00 | 19.06 0.61 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.95 0.64 0.00 | 19.51 0.71 0.00 | 19.11 0.74 0.00 | 19.01 0.85 0.00 | 22.74 1.04 0.00 | 24.91 1.31 0.00 | 25.57 1.36 0.00 | 25.19 1.46 0.00 | 24.48 1.58 0.00 | 35.46 2.27 0.00 | 42.31 2.81 0.00 | 39.28 2.40 0.00 | 32.25 1.90 0.00 | 39.20 2.27 0.00 | 37.44 2.01 0.00 | 28.42 1.53 0.00 | 26.44 1.25 0.00 |
| CHAFFEE___LFGE 323603 | 22.33 -0.90 0.00 | 22.50 -0.86 0.00 | 20.03 -0.95 0.00 | 17.84 -0.78 0.00 | 17.64 -0.81 0.00 | 19.50 -0.79 0.00 | 21.44 -0.67 0.00 | 20.48 -0.83 0.00 | 17.99 -0.81 0.00 | 17.86 -0.52 0.00 | 17.78 -0.37 0.00 | 21.47 -0.23 0.00 | 23.32 -0.28 0.00 | 23.97 -0.24 0.00 | 23.16 -0.57 0.00 | 22.61 -0.30 0.00 | 32.41 -0.79 0.00 | 38.47 -1.03 0.00 | 35.84 -1.04 0.00 | 29.24 -1.11 0.00 | 35.40 -1.53 0.00 | 34.50 -0.93 0.00 | 26.05 -0.84 0.00 | 24.18 -1.02 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 23.05 -0.18 0.00 | 23.25 -0.12 0.00 | 20.97 -0.01 0.00 | 18.61 0.00 0.00 | 18.47 0.02 0.00 | 20.38 0.09 0.00 | 22.39 0.28 0.00 | 21.68 0.37 0.00 | 19.09 0.29 0.00 | 18.58 0.20 0.00 | 18.34 0.18 0.00 | 21.96 0.27 0.00 | 23.90 0.30 0.00 | 24.45 0.24 0.00 | 23.87 0.14 0.00 | 23.03 0.12 0.00 | 33.39 0.20 0.00 | 39.45 -0.05 0.00 | 37.27 0.39 0.00 | 30.94 0.60 0.00 | 37.51 0.58 0.00 | 36.00 0.58 0.00 | 27.20 0.31 0.00 | 25.59 0.40 0.00 |
| CHATEAUG_WT_PWR 323614 | 22.99 -0.24 0.00 | 23.18 -0.19 0.00 | 20.91 -0.07 0.00 | 18.58 -0.04 0.00 | 18.42 -0.02 0.00 | 20.33 0.04 0.00 | 22.33 0.21 0.00 | 21.63 0.32 0.00 | 19.06 0.26 0.00 | 18.56 0.18 0.00 | 18.32 0.16 0.00 | 21.94 0.24 0.00 | 23.88 0.27 0.00 | 24.41 0.20 0.00 | 23.85 0.11 0.00 | 23.02 0.11 0.00 | 33.39 0.20 0.00 | 39.44 -0.06 0.00 | 37.28 0.39 0.00 | 30.89 0.55 0.00 | 37.48 0.54 0.00 | 35.93 0.50 0.00 | 27.13 0.24 0.00 | 25.52 0.33 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 23.05 -0.18 0.00 | 23.25 -0.12 0.00 | 20.97 -0.01 0.00 | 18.61 0.00 0.00 | 18.47 0.02 0.00 | 20.38 0.09 0.00 | 22.39 0.28 0.00 | 21.68 0.37 0.00 | 19.09 0.29 0.00 | 18.58 0.20 0.00 | 18.34 0.18 0.00 | 21.96 0.27 0.00 | 23.90 0.30 0.00 | 24.45 0.24 0.00 | 23.87 0.14 0.00 | 23.03 0.12 0.00 | 33.39 0.20 0.00 | 39.45 -0.05 0.00 | 37.27 0.39 0.00 | 30.94 0.60 0.00 | 37.51 0.58 0.00 | 36.00 0.58 0.00 | 27.20 0.31 0.00 | 25.59 0.40 0.00 |
| CHAUTAUQUA___LFGE 323629 | 22.49 -0.74 0.00 | 22.59 -0.77 0.00 | 20.11 -0.87 0.00 | 17.90 -0.71 0.00 | 17.70 -0.75 0.00 | 19.55 -0.74 0.00 | 21.54 -0.58 0.00 | 20.59 -0.72 0.00 | 18.10 -0.69 0.00 | 17.90 -0.48 0.00 | 17.85 -0.31 0.00 | 21.55 -0.15 0.00 | 23.47 -0.13 0.00 | 24.15 -0.06 0.00 | 23.33 -0.40 0.00 | 22.79 -0.12 0.00 | 32.67 -0.52 0.00 | 38.96 -0.55 0.00 | 36.29 -0.59 0.00 | 29.65 -0.70 0.00 | 35.89 -1.04 0.00 | 34.88 -0.55 0.00 | 26.29 -0.59 0.00 | 24.33 -0.87 0.00 |
| CHERRYST_13_KV_LD 356241 | 24.26 1.03 0.00 | 24.22 0.86 0.00 | 21.73 0.75 0.00 | 19.32 0.70 0.00 | 19.11 0.66 0.00 | 20.90 0.61 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.56 0.76 0.00 | 19.17 0.79 0.00 | 19.07 0.91 0.00 | 22.81 1.12 0.00 | 24.99 1.39 0.00 | 25.65 1.44 0.00 | 25.27 1.54 0.00 | 24.57 1.66 0.00 | 35.58 2.38 0.00 | 42.44 2.94 0.00 | 39.41 2.53 0.00 | 32.34 2.00 0.00 | 39.31 2.38 0.00 | 37.55 2.12 0.00 | 28.50 1.61 0.00 | 26.52 1.32 0.00 |

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| CHESTROR_138KV_BK263 355645 | 23.86 0.63 0.00 | 23.85 0.49 0.00 | 21.40 0.42 0.00 | 19.01 0.40 0.00 | 18.82 0.38 0.00 | 20.63 0.34 0.00 | 22.48 0.36 0.00 | 21.70 0.39 0.00 | 19.22 0.43 0.00 | 18.81 0.43 0.00 | 18.66 0.51 0.00 | 22.32 0.63 0.00 | 24.41 0.81 0.00 | 25.08 0.87 0.00 | 24.69 0.95 0.00 | 23.98 1.06 0.00 | 34.74 1.55 0.00 | 41.52 2.01 0.00 | 38.65 1.77 0.00 | 31.76 1.41 0.00 | 38.62 1.69 0.00 | 36.88 1.45 0.00 | 27.98 1.09 0.00 | 26.04 0.85 0.00 |
| CH_MIDHUDSON___DRP 24192 | 24.03 0.80 0.00 | 24.03 0.67 0.00 | 21.58 0.59 0.00 | 19.18 0.56 0.00 | 18.98 0.54 0.00 | 20.79 0.50 0.00 | 22.64 0.53 0.00 | 21.87 0.57 0.00 | 19.39 0.60 0.00 | 18.99 0.61 0.00 | 18.83 0.67 0.00 | 22.51 0.81 0.00 | 24.63 1.02 0.00 | 25.28 1.07 0.00 | 24.89 1.16 0.00 | 24.17 1.26 0.00 | 35.04 1.85 0.00 | 41.89 2.39 0.00 | 38.99 2.11 0.00 | 32.04 1.70 0.00 | 38.99 2.06 0.00 | 37.22 1.79 0.00 | 28.22 1.33 0.00 | 26.25 1.05 0.00 |
| CH_MISC_IPPS 23765 | 24.15 0.92 0.00 | 24.14 0.78 0.00 | 21.66 0.68 0.00 | 19.24 0.63 0.00 | 19.05 0.60 0.00 | 20.87 0.58 0.00 | 22.74 0.63 0.00 | 21.97 0.65 0.00 | 19.48 0.68 0.00 | 19.07 0.69 0.00 | 18.92 0.76 0.00 | 22.63 0.93 0.00 | 24.77 1.17 0.00 | 25.45 1.24 0.00 | 25.06 1.32 0.00 | 24.35 1.44 0.00 | 35.33 2.13 0.00 | 42.24 2.73 0.00 | 39.30 2.42 0.00 | 32.28 1.94 0.00 | 39.26 2.32 0.00 | 37.45 2.03 0.00 | 28.38 1.50 0.00 | 26.40 1.20 0.00 |
| CH_RES_BVR_FALLS 23983 | 23.11 -0.12 0.00 | 23.30 -0.06 0.00 | 20.91 -0.07 0.00 | 18.54 -0.08 0.00 | 18.40 -0.05 0.00 | 20.26 -0.03 0.00 | 22.08 -0.02 0.00 | 21.29 -0.02 0.00 | 18.80 0.00 0.00 | 18.40 0.03 0.00 | 18.17 0.01 0.00 | 21.75 0.05 0.00 | 23.67 0.06 0.00 | 24.27 0.06 0.00 | 23.76 0.03 0.00 | 22.86 -0.05 0.00 | 33.13 -0.07 0.00 | 39.29 -0.21 0.00 | 36.67 -0.21 0.00 | 30.16 -0.18 0.00 | 36.74 -0.19 0.00 | 35.34 -0.09 0.00 | 26.83 -0.06 0.00 | 25.23 0.03 0.00 |
| CH_RES_NIAGARA 23895 | 21.47 -1.77 0.00 | 21.70 -1.66 0.00 | 19.30 -1.69 0.00 | 17.18 -1.44 0.00 | 17.01 -1.44 0.00 | 18.81 -1.48 0.00 | 20.70 -1.41 0.00 | 19.73 -1.58 0.00 | 17.32 -1.48 0.00 | 17.22 -1.15 0.00 | 17.16 -1.00 0.00 | 20.70 -0.99 0.00 | 22.45 -1.15 0.00 | 23.04 -1.17 0.00 | 22.21 -1.53 0.00 | 21.62 -1.29 0.00 | 30.87 -2.32 0.00 | 36.56 -2.94 0.00 | 34.06 -2.82 0.00 | 27.78 -2.57 0.00 | 33.59 -3.34 0.00 | 32.89 -2.54 0.00 | 24.91 -1.97 0.00 | 23.23 -1.96 0.00 |
| CH_RES_SYRACUSE 23985 | 23.10 -0.13 0.00 | 23.24 -0.12 0.00 | 20.85 -0.13 0.00 | 18.52 -0.09 0.00 | 18.33 -0.12 0.00 | 20.17 -0.12 0.00 | 22.02 -0.10 0.00 | 21.20 -0.11 0.00 | 18.67 -0.13 0.00 | 18.26 -0.12 0.00 | 18.03 -0.13 0.00 | 21.52 -0.18 0.00 | 23.39 -0.21 0.00 | 24.00 -0.21 0.00 | 23.51 -0.22 0.00 | 22.83 -0.08 0.00 | 33.09 -0.10 0.00 | 39.52 0.02 0.00 | 36.96 0.08 0.00 | 30.38 0.03 0.00 | 36.90 -0.03 0.00 | 35.38 -0.05 0.00 | 26.79 -0.11 0.00 | 24.96 -0.24 0.00 |
| CLINTON_WT_PWR 323605 | 22.99 -0.24 0.00 | 23.18 -0.19 0.00 | 20.91 -0.07 0.00 | 18.58 -0.04 0.00 | 18.42 -0.02 0.00 | 20.33 0.04 0.00 | 22.33 0.21 0.00 | 21.63 0.32 0.00 | 19.06 0.26 0.00 | 18.56 0.18 0.00 | 18.32 0.16 0.00 | 21.94 0.24 0.00 | 23.88 0.27 0.00 | 24.41 0.20 0.00 | 23.85 0.11 0.00 | 23.02 0.11 0.00 | 33.39 0.20 0.00 | 39.44 -0.06 0.00 | 37.28 0.39 0.00 | 30.89 0.55 0.00 | 37.48 0.54 0.00 | 35.93 0.50 0.00 | 27.13 0.24 0.00 | 25.52 0.33 0.00 |
| CLINTON___LFGE 323618 | 23.42 0.19 0.00 | 23.60 0.24 0.00 | 21.34 0.35 0.00 | 18.98 0.37 0.00 | 18.82 0.38 0.00 | 20.70 0.41 0.00 | 22.74 0.63 0.00 | 22.03 0.72 0.00 | 19.32 0.52 0.00 | 18.75 0.37 0.00 | 18.50 0.34 0.00 | 22.13 0.44 0.00 | 24.15 0.54 0.00 | 24.69 0.48 0.00 | 24.11 0.37 0.00 | 23.34 0.43 0.00 | 33.92 0.72 0.00 | 40.08 0.57 0.00 | 38.17 1.29 0.00 | 31.78 1.43 0.00 | 38.57 1.64 0.00 | 36.86 1.43 0.00 | 27.77 0.88 0.00 | 26.07 0.87 0.00 |
| COBBLENY_34_KV_TB1 80064 | 22.33 -0.90 0.00 | 22.51 -0.85 0.00 | 20.03 -0.95 0.00 | 17.83 -0.78 0.00 | 17.64 -0.81 0.00 | 19.50 -0.79 0.00 | 21.44 -0.67 0.00 | 20.46 -0.85 0.00 | 17.99 -0.81 0.00 | 17.85 -0.52 0.00 | 17.78 -0.38 0.00 | 21.45 -0.25 0.00 | 23.32 -0.28 0.00 | 23.97 -0.24 0.00 | 23.17 -0.57 0.00 | 22.59 -0.31 0.00 | 32.41 -0.79 0.00 | 38.47 -1.03 0.00 | 35.84 -1.04 0.00 | 29.24 -1.11 0.00 | 35.40 -1.53 0.00 | 34.50 -0.93 0.00 | 26.05 -0.84 0.00 | 24.17 -1.02 0.00 |
| COFFEEN___115KV_TB3 355620 | 22.59 -0.64 0.00 | 22.76 -0.60 0.00 | 20.41 -0.57 0.00 | 18.09 -0.52 0.00 | 18.08 -0.37 0.00 | 19.89 -0.40 0.00 | 21.73 -0.39 0.00 | 20.92 -0.39 0.00 | 18.33 -0.47 0.00 | 17.88 -0.50 0.00 | 17.71 -0.45 0.00 | 21.05 -0.65 0.00 | 22.93 -0.67 0.00 | 23.57 -0.63 0.00 | 23.12 -0.62 0.00 | 22.39 -0.52 0.00 | 33.12 -0.08 0.00 | 39.20 -0.30 0.00 | 37.01 0.13 0.00 | 30.67 0.33 0.00 | 37.70 0.76 0.00 | 35.94 0.51 0.00 | 27.24 0.35 0.00 | 25.38 0.18 0.00 |
| COLDSPRG_115KV_BK1 355956 | 23.01 -0.22 0.00 | 23.09 -0.27 0.00 | 20.57 -0.42 0.00 | 18.31 -0.30 0.00 | 18.09 -0.35 0.00 | 20.00 -0.30 0.00 | 22.00 -0.11 0.00 | 21.05 -0.26 0.00 | 18.56 -0.24 0.00 | 18.37 0.00 0.00 | 18.27 0.11 0.00 | 22.01 0.31 0.00 | 24.03 0.43 0.00 | 24.69 0.48 0.00 | 23.86 0.12 0.00 | 23.32 0.41 0.00 | 33.55 0.36 0.00 | 40.03 0.53 0.00 | 37.28 0.39 0.00 | 30.44 0.10 0.00 | 36.79 -0.15 0.00 | 35.66 0.23 0.00 | 26.89 0.00 0.00 | 24.85 -0.35 0.00 |
| COLONIE_LFGE___ 323577 | 23.85 0.62 0.00 | 24.01 0.64 0.00 | 21.65 0.67 0.00 | 19.24 0.63 0.00 | 19.07 0.62 0.00 | 20.91 0.62 0.00 | 22.64 0.53 0.00 | 21.84 0.53 0.00 | 19.25 0.45 0.00 | 18.74 0.36 0.00 | 18.47 0.31 0.00 | 22.06 0.37 0.00 | 24.01 0.40 0.00 | 24.61 0.40 0.00 | 24.20 0.47 0.00 | 23.46 0.55 0.00 | 33.96 0.77 0.00 | 40.63 1.13 0.00 | 38.08 1.19 0.00 | 31.44 1.10 0.00 | 38.42 1.49 0.00 | 36.72 1.29 0.00 | 27.86 0.97 0.00 | 25.95 0.75 0.00 |
| COOPERNY_115KV_TB1 80082 | 23.70 0.47 0.00 | 23.72 0.36 0.00 | 21.29 0.31 0.00 | 18.90 0.29 0.00 | 18.72 0.27 0.00 | 20.53 0.23 0.00 | 22.37 0.26 0.00 | 21.59 0.28 0.00 | 19.11 0.31 0.00 | 18.70 0.32 0.00 | 18.54 0.38 0.00 | 22.17 0.47 0.00 | 24.18 0.58 0.00 | 24.86 0.65 0.00 | 24.47 0.73 0.00 | 23.73 0.82 0.00 | 34.41 1.21 0.00 | 41.07 1.57 0.00 | 38.26 1.38 0.00 | 31.44 1.09 0.00 | 38.23 1.30 0.00 | 36.54 1.11 0.00 | 27.73 0.84 0.00 | 25.85 0.65 0.00 |
| COPENHAGEN_WT_PWR 323753 | 22.39 -0.85 0.00 | 22.58 -0.78 0.00 | 20.26 -0.73 0.00 | 17.95 -0.67 0.00 | 17.95 -0.50 0.00 | 19.74 -0.55 0.00 | 21.56 -0.55 0.00 | 20.77 -0.54 0.00 | 18.26 -0.54 0.00 | 17.84 -0.53 0.00 | 17.66 -0.49 0.00 | 21.00 -0.69 0.00 | 22.88 -0.72 0.00 | 23.51 -0.70 0.00 | 23.04 -0.69 0.00 | 22.32 -0.59 0.00 | 32.84 -0.36 0.00 | 38.89 -0.61 0.00 | 36.71 -0.17 0.00 | 30.37 0.03 0.00 | 37.35 0.41 0.00 | 35.62 0.18 0.00 | 27.00 0.11 0.00 | 25.19 -0.01 0.00 |
| CORNELL_____ 23752 | 23.44 0.21 0.00 | 23.53 0.17 0.00 | 21.10 0.12 0.00 | 18.75 0.14 0.00 | 18.54 0.10 0.00 | 20.41 0.12 0.00 | 22.31 0.20 0.00 | 21.46 0.15 0.00 | 18.86 0.06 0.00 | 18.38 0.00 0.00 | 18.14 -0.02 0.00 | 21.65 -0.04 0.00 | 23.61 0.01 0.00 | 24.24 0.03 0.00 | 23.72 -0.02 0.00 | 23.07 0.16 0.00 | 33.49 0.29 0.00 | 40.12 0.62 0.00 | 37.66 0.78 0.00 | 31.06 0.71 0.00 | 37.71 0.78 0.00 | 36.18 0.75 0.00 | 27.36 0.47 0.00 | 25.42 0.23 0.00 |

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| CORONA__69_KV_TB1 355595 | 24.50 1.27 0.00 | 24.44 1.08 0.00 | 21.90 0.92 0.00 | 19.44 0.83 0.00 | 19.24 0.79 0.00 | 21.07 0.79 0.00 | 22.96 0.85 0.00 | 22.17 0.85 0.00 | 19.74 0.94 0.00 | 21.55 1.01 -2.16 | 23.16 1.13 -3.87 | 31.92 1.39 -8.84 | 32.77 1.69 -7.48 | 32.08 1.76 -6.11 | 25.42 1.69 0.00 | 24.75 1.84 0.00 | 35.85 2.65 0.00 | 42.89 3.39 0.00 | 39.75 2.87 0.00 | 32.61 2.27 0.00 | 39.71 2.77 0.00 | 37.86 2.43 0.00 | 28.80 1.92 0.00 | 26.84 1.64 0.00 |
| CORTLAND__115KV_TB3 80093 | 23.29 0.06 0.00 | 23.38 0.02 0.00 | 20.98 -0.01 0.00 | 18.64 0.03 0.00 | 18.45 0.00 0.00 | 20.30 0.00 0.00 | 22.17 0.05 0.00 | 21.32 0.01 0.00 | 18.76 -0.04 0.00 | 18.32 -0.06 0.00 | 18.09 -0.06 0.00 | 21.61 -0.08 0.00 | 23.55 -0.06 0.00 | 24.17 -0.04 0.00 | 23.66 -0.07 0.00 | 22.99 0.08 0.00 | 33.33 0.14 0.00 | 39.89 0.38 0.00 | 37.34 0.46 0.00 | 30.77 0.42 0.00 | 37.38 0.45 0.00 | 35.85 0.42 0.00 | 27.13 0.24 0.00 | 25.23 0.03 0.00 |
| COXSACKIE__GT 23611 | 24.39 1.16 0.00 | 24.55 1.18 0.00 | 22.21 1.24 0.00 | 19.76 1.14 0.00 | 19.56 1.12 0.00 | 21.49 1.20 0.00 | 23.28 1.17 0.00 | 22.48 1.18 0.00 | 19.73 0.93 0.00 | 18.96 0.58 0.00 | 18.58 0.43 0.00 | 22.15 0.45 0.00 | 24.04 0.43 0.00 | 24.72 0.51 0.00 | 24.31 0.58 0.00 | 23.66 0.75 0.00 | 34.41 1.22 0.00 | 41.54 2.04 0.00 | 39.42 2.53 0.00 | 32.61 2.27 0.00 | 39.76 2.83 0.00 | 37.95 2.52 0.00 | 28.67 1.78 0.00 | 26.57 1.38 0.00 |
| CPV_VALLEY__CC1 323721 | 23.71 0.48 0.00 | 23.71 0.34 0.00 | 21.28 0.29 0.00 | 18.90 0.28 0.00 | 18.71 0.26 0.00 | 20.50 0.21 0.00 | 22.35 0.23 0.00 | 21.57 0.26 0.00 | 19.11 0.31 0.00 | 18.71 0.33 0.00 | 18.55 0.39 0.00 | 22.19 0.49 0.00 | 24.27 0.66 0.00 | 24.91 0.70 0.00 | 24.52 0.79 0.00 | 23.81 0.90 0.00 | 34.47 1.28 0.00 | 41.17 1.67 0.00 | 38.32 1.44 0.00 | 31.49 1.15 0.00 | 38.30 1.36 0.00 | 36.57 1.14 0.00 | 27.77 0.88 0.00 | 25.87 0.67 0.00 |
| CPV_VALLEY__CC2 323722 | 23.71 0.48 0.00 | 23.71 0.34 0.00 | 21.28 0.29 0.00 | 18.90 0.28 0.00 | 18.71 0.26 0.00 | 20.50 0.21 0.00 | 22.35 0.23 0.00 | 21.57 0.26 0.00 | 19.11 0.31 0.00 | 18.71 0.33 0.00 | 18.55 0.39 0.00 | 22.19 0.49 0.00 | 24.27 0.66 0.00 | 24.91 0.70 0.00 | 24.52 0.79 0.00 | 23.81 0.90 0.00 | 34.47 1.28 0.00 | 41.17 1.67 0.00 | 38.32 1.44 0.00 | 31.49 1.15 0.00 | 38.30 1.36 0.00 | 36.57 1.14 0.00 | 27.77 0.88 0.00 | 25.87 0.67 0.00 |
| CRESCENT__HYD 24018 | 23.85 0.62 0.00 | 24.01 0.64 0.00 | 21.65 0.67 0.00 | 19.24 0.63 0.00 | 19.07 0.62 0.00 | 20.91 0.62 0.00 | 22.64 0.53 0.00 | 21.84 0.53 0.00 | 19.25 0.45 0.00 | 18.74 0.36 0.00 | 18.47 0.31 0.00 | 22.06 0.37 0.00 | 24.01 0.40 0.00 | 24.61 0.40 0.00 | 24.20 0.47 0.00 | 23.46 0.55 0.00 | 33.96 0.77 0.00 | 40.63 1.13 0.00 | 38.08 1.19 0.00 | 31.44 1.10 0.00 | 38.42 1.49 0.00 | 36.72 1.29 0.00 | 27.86 0.97 0.00 | 25.95 0.75 0.00 |
| CRICKET__VALLEY_CC1 323756 | 23.83 0.60 0.00 | 23.86 0.50 0.00 | 21.45 0.47 0.00 | 19.08 0.46 0.00 | 18.90 0.46 0.00 | 20.69 0.40 0.00 | 22.52 0.41 0.00 | 21.76 0.45 0.00 | 19.28 0.49 0.00 | 18.85 0.47 0.00 | 18.66 0.50 0.00 | 22.28 0.59 0.00 | 24.37 0.76 0.00 | 24.97 0.76 0.00 | 24.57 0.84 0.00 | 23.82 0.91 0.00 | 34.51 1.32 0.00 | 41.27 1.76 0.00 | 38.47 1.58 0.00 | 31.68 1.34 0.00 | 38.62 1.69 0.00 | 36.89 1.46 0.00 | 27.96 1.08 0.00 | 26.01 0.81 0.00 |
| CRICKET__VALLEY_CC2 323757 | 23.83 0.60 0.00 | 23.86 0.50 0.00 | 21.45 0.47 0.00 | 19.08 0.46 0.00 | 18.90 0.46 0.00 | 20.69 0.40 0.00 | 22.52 0.41 0.00 | 21.76 0.45 0.00 | 19.28 0.49 0.00 | 18.85 0.47 0.00 | 18.66 0.50 0.00 | 22.28 0.59 0.00 | 24.37 0.76 0.00 | 24.97 0.76 0.00 | 24.57 0.84 0.00 | 23.82 0.91 0.00 | 34.51 1.32 0.00 | 41.27 1.76 0.00 | 38.47 1.58 0.00 | 31.68 1.34 0.00 | 38.62 1.69 0.00 | 36.89 1.46 0.00 | 27.96 1.08 0.00 | 26.01 0.81 0.00 |
| CRICKET__VALLEY_CC3 323758 | 23.83 0.60 0.00 | 23.86 0.50 0.00 | 21.45 0.47 0.00 | 19.08 0.46 0.00 | 18.90 0.46 0.00 | 20.69 0.40 0.00 | 22.52 0.41 0.00 | 21.76 0.45 0.00 | 19.28 0.49 0.00 | 18.85 0.47 0.00 | 18.66 0.50 0.00 | 22.28 0.59 0.00 | 24.37 0.76 0.00 | 24.97 0.76 0.00 | 24.57 0.84 0.00 | 23.82 0.91 0.00 | 34.51 1.32 0.00 | 41.27 1.76 0.00 | 38.47 1.58 0.00 | 31.68 1.34 0.00 | 38.62 1.69 0.00 | 36.89 1.46 0.00 | 27.96 1.08 0.00 | 26.01 0.81 0.00 |
| CRUCIBLE__METL_DRP 24180 | 23.10 -0.13 0.00 | 23.24 -0.12 0.00 | 20.85 -0.13 0.00 | 18.52 -0.10 0.00 | 18.33 -0.12 0.00 | 20.17 -0.12 0.00 | 22.02 -0.10 0.00 | 21.20 -0.12 0.00 | 18.67 -0.13 0.00 | 18.26 -0.12 0.00 | 18.03 -0.13 0.00 | 21.52 -0.17 0.00 | 23.39 -0.21 0.00 | 24.00 -0.21 0.00 | 23.51 -0.22 0.00 | 22.83 -0.08 0.00 | 33.09 -0.11 0.00 | 39.52 0.02 0.00 | 36.96 0.08 0.00 | 30.38 0.03 0.00 | 36.90 -0.03 0.00 | 35.38 -0.05 0.00 | 26.78 -0.11 0.00 | 24.96 -0.24 0.00 |
| DAHOWA__HYDRO 323763 | 24.42 1.19 0.00 | 24.49 1.13 0.00 | 22.08 1.10 0.00 | 19.63 1.01 0.00 | 19.41 0.96 0.00 | 21.31 1.02 0.00 | 23.12 1.01 0.00 | 22.22 0.91 0.00 | 19.54 0.75 0.00 | 18.99 0.61 0.00 | 18.70 0.54 0.00 | 22.34 0.65 0.00 | 24.36 0.75 0.00 | 24.99 0.78 0.00 | 24.57 0.84 0.00 | 23.87 0.96 0.00 | 34.70 1.51 0.00 | 41.73 2.22 0.00 | 39.25 2.37 0.00 | 32.45 2.11 0.00 | 39.58 2.64 0.00 | 37.76 2.32 0.00 | 28.66 1.77 0.00 | 26.64 1.44 0.00 |
| DANC__LFGE 323619 | 22.48 -0.75 0.00 | 22.65 -0.71 0.00 | 20.32 -0.66 0.00 | 18.02 -0.59 0.00 | 17.95 -0.49 0.00 | 19.75 -0.54 0.00 | 21.56 -0.55 0.00 | 20.76 -0.55 0.00 | 18.25 -0.54 0.00 | 17.84 -0.54 0.00 | 17.65 -0.51 0.00 | 21.00 -0.70 0.00 | 22.85 -0.75 0.00 | 23.47 -0.74 0.00 | 22.99 -0.74 0.00 | 22.29 -0.62 0.00 | 32.61 -0.58 0.00 | 38.77 -0.74 0.00 | 36.45 -0.43 0.00 | 30.10 -0.24 0.00 | 36.86 -0.08 0.00 | 35.22 -0.21 0.00 | 26.69 -0.20 0.00 | 24.90 -0.30 0.00 |
| DANSKAMMER__1 23586 | 24.15 0.92 0.00 | 24.14 0.78 0.00 | 21.66 0.68 0.00 | 19.24 0.63 0.00 | 19.05 0.60 0.00 | 20.87 0.58 0.00 | 22.74 0.63 0.00 | 21.97 0.65 0.00 | 19.48 0.68 0.00 | 19.07 0.69 0.00 | 18.92 0.76 0.00 | 22.63 0.93 0.00 | 24.77 1.17 0.00 | 25.45 1.24 0.00 | 25.06 1.32 0.00 | 24.35 1.44 0.00 | 35.33 2.13 0.00 | 42.24 2.73 0.00 | 39.30 2.42 0.00 | 32.28 1.94 0.00 | 39.26 2.32 0.00 | 37.45 2.03 0.00 | 28.38 1.50 0.00 | 26.40 1.20 0.00 |
| DANSKAMMER__2 23589 | 24.15 0.92 0.00 | 24.14 0.78 0.00 | 21.66 0.68 0.00 | 19.24 0.63 0.00 | 19.05 0.60 0.00 | 20.87 0.58 0.00 | 22.74 0.63 0.00 | 21.97 0.65 0.00 | 19.48 0.68 0.00 | 19.07 0.69 0.00 | 18.92 0.76 0.00 | 22.63 0.93 0.00 | 24.77 1.17 0.00 | 25.45 1.24 0.00 | 25.06 1.32 0.00 | 24.35 1.44 0.00 | 35.33 2.13 0.00 | 42.24 2.73 0.00 | 39.30 2.42 0.00 | 32.28 1.94 0.00 | 39.26 2.32 0.00 | 37.45 2.03 0.00 | 28.38 1.50 0.00 | 26.40 1.20 0.00 |
| DANSKAMMER__3 23590 | 24.15 0.92 0.00 | 24.14 0.78 0.00 | 21.66 0.68 0.00 | 19.24 0.63 0.00 | 19.05 0.60 0.00 | 20.87 0.58 0.00 | 22.74 0.63 0.00 | 21.97 0.65 0.00 | 19.48 0.68 0.00 | 19.07 0.69 0.00 | 18.92 0.76 0.00 | 22.63 0.93 0.00 | 24.77 1.17 0.00 | 25.45 1.24 0.00 | 25.06 1.32 0.00 | 24.35 1.44 0.00 | 35.33 2.13 0.00 | 42.24 2.73 0.00 | 39.30 2.42 0.00 | 32.28 1.94 0.00 | 39.26 2.32 0.00 | 37.45 2.03 0.00 | 28.38 1.50 0.00 | 26.40 1.20 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| DANSKAMMER___4 23591 | 24.15 0.92 0.00 | 24.14 0.78 0.00 | 21.66 0.68 0.00 | 19.24 0.63 0.00 | 19.05 0.60 0.00 | 20.87 0.58 0.00 | 22.74 0.63 0.00 | 21.97 0.65 0.00 | 19.48 0.68 0.00 | 19.07 0.69 0.00 | 18.92 0.76 0.00 | 22.63 0.93 0.00 | 24.77 1.17 0.00 | 25.45 1.24 0.00 | 25.06 1.32 0.00 | 24.35 1.44 0.00 | 35.33 2.13 0.00 | 42.24 2.73 0.00 | 39.30 2.42 0.00 | 32.28 1.94 0.00 | 39.26 2.32 0.00 | 37.45 2.03 0.00 | 28.38 1.50 0.00 | 26.40 1.20 0.00 |
| DANSKAMMER___DIESEL 23592 | 24.15 0.92 0.00 | 24.14 0.78 0.00 | 21.66 0.67 0.00 | 19.24 0.63 0.00 | 19.05 0.60 0.00 | 20.87 0.58 0.00 | 22.74 0.63 0.00 | 21.97 0.66 0.00 | 19.48 0.68 0.00 | 19.07 0.69 0.00 | 18.92 0.76 0.00 | 22.63 0.93 0.00 | 24.77 1.17 0.00 | 25.45 1.24 0.00 | 25.06 1.32 0.00 | 24.35 1.44 0.00 | 35.33 2.13 0.00 | 42.24 2.73 0.00 | 39.30 2.42 0.00 | 32.28 1.94 0.00 | 39.26 2.32 0.00 | 37.45 2.03 0.00 | 28.39 1.50 0.00 | 26.39 1.20 0.00 |
| DARBY___SOLAR 323810 | 24.32 1.09 0.00 | 24.40 1.04 0.00 | 22.00 1.02 0.00 | 19.55 0.94 0.00 | 19.34 0.89 0.00 | 21.24 0.95 0.00 | 23.04 0.92 0.00 | 22.15 0.84 0.00 | 19.47 0.67 0.00 | 18.91 0.54 0.00 | 18.62 0.46 0.00 | 22.25 0.55 0.00 | 24.25 0.64 0.00 | 24.87 0.67 0.00 | 24.46 0.73 0.00 | 23.76 0.85 0.00 | 34.54 1.34 0.00 | 41.51 2.01 0.00 | 39.04 2.15 0.00 | 32.28 1.93 0.00 | 39.36 2.43 0.00 | 37.56 2.13 0.00 | 28.51 1.62 0.00 | 26.52 1.32 0.00 |
| DASHVILLE___HYD 23610 | 23.75 0.52 0.00 | 23.72 0.36 0.00 | 21.24 0.26 0.00 | 18.87 0.25 0.00 | 18.68 0.23 0.00 | 20.45 0.16 0.00 | 22.30 0.18 0.00 | 21.55 0.24 0.00 | 19.14 0.35 0.00 | 18.79 0.41 0.00 | 18.66 0.50 0.00 | 22.31 0.62 0.00 | 24.44 0.84 0.00 | 25.12 0.91 0.00 | 24.73 1.00 0.00 | 24.02 1.11 0.00 | 34.82 1.63 0.00 | 41.58 2.07 0.00 | 38.63 1.75 0.00 | 31.71 1.37 0.00 | 38.56 1.62 0.00 | 36.77 1.34 0.00 | 27.89 1.00 0.00 | 25.96 0.76 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 24.74 1.51 0.00 | 24.52 1.15 0.00 | 21.92 0.94 0.00 | 19.58 0.96 0.00 | 19.41 0.96 0.00 | 21.37 1.09 0.00 | 23.38 1.27 0.00 | 22.56 1.25 0.00 | 20.21 1.41 0.00 | 22.07 1.54 -2.16 | 23.65 1.62 -3.87 | 32.54 2.00 -8.84 | 33.42 2.33 -7.48 | 32.81 2.49 -6.11 | 26.18 2.45 0.00 | 25.60 2.70 0.00 | 36.98 3.79 0.00 | 44.37 4.87 0.00 | 41.02 4.14 0.00 | 33.57 3.22 0.00 | 40.96 4.02 0.00 | 38.62 3.19 0.00 | 29.40 2.51 0.00 | 27.26 2.06 0.00 |
| DELAWARE___LFGE 323621 | 23.63 0.39 0.00 | 23.69 0.33 0.00 | 21.26 0.27 0.00 | 18.87 0.26 0.00 | 18.68 0.24 0.00 | 20.53 0.24 0.00 | 22.41 0.30 0.00 | 21.60 0.28 0.00 | 19.06 0.27 0.00 | 18.65 0.28 0.00 | 18.46 0.31 0.00 | 22.07 0.38 0.00 | 24.10 0.50 0.00 | 24.73 0.52 0.00 | 24.26 0.52 0.00 | 23.52 0.61 0.00 | 34.10 0.90 0.00 | 40.68 1.18 0.00 | 37.99 1.10 0.00 | 31.22 0.88 0.00 | 37.95 1.01 0.00 | 36.35 0.92 0.00 | 27.55 0.66 0.00 | 25.67 0.47 0.00 |
| DERFIELD_115KV_TB7 355931 | 23.23 0.00 0.00 | 23.36 0.00 0.00 | 21.00 0.02 0.00 | 18.64 0.03 0.00 | 18.46 0.02 0.00 | 20.29 0.00 0.00 | 22.09 -0.01 0.00 | 21.29 -0.01 0.00 | 18.78 -0.02 0.00 | 18.35 -0.02 0.00 | 18.12 -0.04 0.00 | 21.65 -0.04 0.00 | 23.56 -0.05 0.00 | 24.16 -0.05 0.00 | 23.71 -0.02 0.00 | 22.94 0.02 0.00 | 33.22 0.03 0.00 | 39.60 0.10 0.00 | 36.99 0.11 0.00 | 30.46 0.12 0.00 | 37.08 0.15 0.00 | 35.54 0.11 0.00 | 26.97 0.08 0.00 | 25.22 0.02 0.00 |
| DOGLEVILLE___HYD 23807 | 23.10 -0.13 0.00 | 23.19 -0.17 0.00 | 20.94 -0.05 0.00 | 18.64 0.03 0.00 | 18.44 -0.01 0.00 | 20.21 -0.08 0.00 | 21.87 -0.24 0.00 | 21.00 -0.31 0.00 | 18.32 -0.48 0.00 | 17.66 -0.72 0.00 | 17.38 -0.78 0.00 | 20.82 -0.88 0.00 | 22.71 -0.89 0.00 | 23.33 -0.88 0.00 | 22.91 -0.82 0.00 | 22.35 -0.56 0.00 | 32.41 -0.79 0.00 | 39.09 -0.41 0.00 | 36.87 -0.01 0.00 | 30.64 0.29 0.00 | 37.49 0.55 0.00 | 35.88 0.45 0.00 | 27.15 0.26 0.00 | 25.21 0.01 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 22.44 -0.79 0.00 | 22.55 -0.81 0.00 | 20.08 -0.90 0.00 | 17.88 -0.74 0.00 | 17.66 -0.78 0.00 | 19.52 -0.77 0.00 | 21.50 -0.61 0.00 | 20.54 -0.77 0.00 | 18.07 -0.73 0.00 | 17.87 -0.51 0.00 | 17.81 -0.35 0.00 | 21.48 -0.21 0.00 | 23.43 -0.18 0.00 | 24.10 -0.11 0.00 | 23.29 -0.45 0.00 | 22.73 -0.17 0.00 | 32.61 -0.58 0.00 | 38.88 -0.62 0.00 | 36.20 -0.68 0.00 | 29.57 -0.77 0.00 | 35.79 -1.14 0.00 | 34.79 -0.64 0.00 | 26.23 -0.65 0.00 | 24.28 -0.92 0.00 |
| DUNKIRK___1 23563 | 22.44 -0.79 0.00 | 22.55 -0.81 0.00 | 20.08 -0.90 0.00 | 17.88 -0.74 0.00 | 17.66 -0.78 0.00 | 19.52 -0.77 0.00 | 21.50 -0.61 0.00 | 20.54 -0.77 0.00 | 18.07 -0.73 0.00 | 17.87 -0.51 0.00 | 17.81 -0.35 0.00 | 21.48 -0.21 0.00 | 23.43 -0.18 0.00 | 24.10 -0.11 0.00 | 23.29 -0.45 0.00 | 22.73 -0.17 0.00 | 32.61 -0.58 0.00 | 38.88 -0.62 0.00 | 36.20 -0.68 0.00 | 29.57 -0.77 0.00 | 35.79 -1.14 0.00 | 34.79 -0.64 0.00 | 26.23 -0.65 0.00 | 24.28 -0.92 0.00 |
| DUNKIRK___2 23564 | 22.44 -0.79 0.00 | 22.55 -0.81 0.00 | 20.08 -0.90 0.00 | 17.88 -0.74 0.00 | 17.66 -0.78 0.00 | 19.52 -0.77 0.00 | 21.50 -0.61 0.00 | 20.54 -0.77 0.00 | 18.07 -0.73 0.00 | 17.87 -0.51 0.00 | 17.81 -0.35 0.00 | 21.48 -0.21 0.00 | 23.43 -0.18 0.00 | 24.10 -0.11 0.00 | 23.29 -0.45 0.00 | 22.73 -0.17 0.00 | 32.61 -0.58 0.00 | 38.88 -0.62 0.00 | 36.20 -0.68 0.00 | 29.57 -0.77 0.00 | 35.79 -1.14 0.00 | 34.79 -0.64 0.00 | 26.23 -0.65 0.00 | 24.28 -0.92 0.00 |
| DUNKIRK___3 23565 | 22.35 -0.88 0.00 | 22.46 -0.90 0.00 | 20.01 -0.97 0.00 | 17.82 -0.79 0.00 | 17.61 -0.83 0.00 | 19.46 -0.83 0.00 | 21.42 -0.69 0.00 | 20.46 -0.85 0.00 | 18.00 -0.80 0.00 | 17.81 -0.57 0.00 | 17.74 -0.42 0.00 | 21.40 -0.30 0.00 | 23.32 -0.28 0.00 | 23.98 -0.23 0.00 | 23.18 -0.55 0.00 | 22.62 -0.29 0.00 | 32.45 -0.74 0.00 | 38.65 -0.85 0.00 | 35.98 -0.90 0.00 | 29.38 -0.96 0.00 | 35.55 -1.38 0.00 | 34.57 -0.86 0.00 | 26.09 -0.80 0.00 | 24.16 -1.03 0.00 |
| DUNKIRK___4 23566 | 22.35 -0.88 0.00 | 22.46 -0.90 0.00 | 20.01 -0.97 0.00 | 17.82 -0.79 0.00 | 17.61 -0.83 0.00 | 19.46 -0.83 0.00 | 21.42 -0.69 0.00 | 20.46 -0.85 0.00 | 18.00 -0.80 0.00 | 17.81 -0.57 0.00 | 17.74 -0.42 0.00 | 21.40 -0.30 0.00 | 23.32 -0.28 0.00 | 23.98 -0.23 0.00 | 23.18 -0.55 0.00 | 22.62 -0.29 0.00 | 32.45 -0.74 0.00 | 38.65 -0.85 0.00 | 35.98 -0.90 0.00 | 29.38 -0.96 0.00 | 35.55 -1.38 0.00 | 34.57 -0.86 0.00 | 26.09 -0.80 0.00 | 24.16 -1.03 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 24.14 0.91 0.00 | 24.12 0.75 0.00 | 21.64 0.66 0.00 | 19.23 0.62 0.00 | 19.03 0.59 0.00 | 20.83 0.54 0.00 | 22.69 0.58 0.00 | 21.92 0.61 0.00 | 19.47 0.67 0.00 | 19.08 0.70 0.00 | 18.95 0.79 0.00 | 22.67 0.98 0.00 | 24.83 1.22 0.00 | 25.48 1.27 0.00 | 25.09 1.35 0.00 | 24.38 1.47 0.00 | 35.32 2.12 0.00 | 42.17 2.67 0.00 | 39.18 2.30 0.00 | 32.17 1.82 0.00 | 39.13 2.19 0.00 | 37.36 1.93 0.00 | 28.35 1.46 0.00 | 26.39 1.19 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 23.98 0.75 0.00 | 23.97 0.60 0.00 | 21.50 0.52 0.00 | 19.10 0.48 0.00 | 18.91 0.46 0.00 | 20.71 0.42 0.00 | 22.57 0.46 0.00 | 21.80 0.49 0.00 | 19.33 0.53 0.00 | 18.91 0.54 0.00 | 18.77 0.61 0.00 | 22.44 0.75 0.00 | 24.56 0.96 0.00 | 25.23 1.02 0.00 | 24.85 1.12 0.00 | 24.13 1.23 0.00 | 35.01 1.81 0.00 | 41.85 2.34 0.00 | 38.95 2.07 0.00 | 32.00 1.65 0.00 | 38.90 1.97 0.00 | 37.14 1.70 0.00 | 28.16 1.27 0.00 | 26.20 1.00 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 24.24 1.01 0.00 | 24.19 0.83 0.00 | 21.70 0.72 0.00 | 19.29 0.67 0.00 | 19.07 0.62 0.00 | 20.86 0.56 0.00 | 22.76 0.65 0.00 | 22.00 0.69 0.00 | 19.54 0.74 0.00 | 19.13 0.75 0.00 | 19.02 0.86 0.00 | 22.74 1.05 0.00 | 24.91 1.31 0.00 | 25.55 1.34 0.00 | 25.19 1.45 0.00 | 24.46 1.55 0.00 | 35.42 2.22 0.00 | 42.26 2.76 0.00 | 39.26 2.37 0.00 | 32.26 1.92 0.00 | 39.18 2.25 0.00 | 37.49 2.06 0.00 | 28.46 1.57 0.00 | 26.46 1.27 0.00 |
| E179THST_13_KV_LOAD 356214 | 24.36 1.13 0.00 | 24.31 0.95 0.00 | 21.80 0.82 0.00 | 19.38 0.76 0.00 | 19.15 0.70 0.00 | 20.95 0.66 0.00 | 22.86 0.75 0.00 | 22.10 0.79 0.00 | 19.63 0.83 0.00 | 19.22 0.85 0.00 | 19.11 0.95 0.00 | 22.86 1.17 0.00 | 25.04 1.44 0.00 | 25.68 1.47 0.00 | 25.32 1.58 0.00 | 24.59 1.68 0.00 | 35.61 2.42 0.00 | 42.49 2.99 0.00 | 39.47 2.59 0.00 | 32.43 2.09 0.00 | 39.40 2.47 0.00 | 37.69 2.26 0.00 | 28.60 1.71 0.00 | 26.59 1.39 0.00 |
| EAST HAMPTON___GT 23717 | 24.94 1.71 0.00 | 24.60 1.24 0.00 | 21.95 0.97 0.00 | 19.67 1.06 0.00 | 19.55 1.11 0.00 | 21.62 1.33 0.00 | 23.72 1.61 0.00 | 22.90 1.59 0.00 | 20.55 1.76 0.00 | 22.43 1.90 -2.16 | 24.03 2.00 -3.87 | 33.02 2.48 -8.84 | 33.87 2.79 -7.48 | 33.28 2.97 -6.11 | 26.60 2.87 0.00 | 26.02 3.11 0.00 | 37.49 4.30 0.00 | 44.97 5.47 0.00 | 41.51 4.63 0.00 | 33.91 3.57 0.00 | 41.43 4.50 0.00 | 39.04 3.62 0.00 | 29.77 2.89 0.00 | 27.56 2.36 0.00 |
| EAST RIVER___6 23660 | 24.24 1.00 0.00 | 24.19 0.83 0.00 | 21.70 0.72 0.00 | 19.29 0.67 0.00 | 19.08 0.63 0.00 | 20.86 0.57 0.00 | 22.73 0.62 0.00 | 21.95 0.64 0.00 | 19.51 0.71 0.00 | 19.12 0.74 0.00 | 19.02 0.86 0.00 | 22.75 1.05 0.00 | 24.93 1.32 0.00 | 25.57 1.36 0.00 | 25.23 1.49 0.00 | 24.51 1.60 0.00 | 35.48 2.28 0.00 | 42.34 2.83 0.00 | 39.31 2.43 0.00 | 32.28 1.94 0.00 | 39.21 2.27 0.00 | 37.45 2.02 0.00 | 28.45 1.56 0.00 | 26.47 1.28 0.00 |
| EAST RIVER___7 23524 | 24.24 1.00 0.00 | 24.19 0.83 0.00 | 21.70 0.72 0.00 | 19.29 0.67 0.00 | 19.08 0.63 0.00 | 20.86 0.57 0.00 | 22.73 0.62 0.00 | 21.95 0.64 0.00 | 19.51 0.71 0.00 | 19.12 0.74 0.00 | 19.02 0.86 0.00 | 22.75 1.05 0.00 | 24.93 1.32 0.00 | 25.57 1.36 0.00 | 25.23 1.49 0.00 | 24.51 1.60 0.00 | 35.48 2.28 0.00 | 42.34 2.83 0.00 | 39.31 2.43 0.00 | 32.28 1.94 0.00 | 39.21 2.27 0.00 | 37.45 2.02 0.00 | 28.45 1.56 0.00 | 26.47 1.28 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 24.09 0.86 0.00 | 24.07 0.70 0.00 | 21.60 0.61 0.00 | 19.19 0.57 0.00 | 18.99 0.55 0.00 | 20.79 0.50 0.00 | 22.65 0.54 0.00 | 21.88 0.57 0.00 | 19.42 0.63 0.00 | 19.03 0.65 0.00 | 18.90 0.74 0.00 | 22.62 0.92 0.00 | 24.75 1.15 0.00 | 25.41 1.20 0.00 | 25.02 1.28 0.00 | 24.31 1.40 0.00 | 35.22 2.02 0.00 | 42.05 2.55 0.00 | 39.08 2.20 0.00 | 32.10 1.76 0.00 | 39.04 2.11 0.00 | 37.27 1.84 0.00 | 28.29 1.40 0.00 | 26.32 1.13 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 24.93 1.70 0.00 | 24.57 1.21 0.00 | 21.93 0.94 0.00 | 19.66 1.05 0.00 | 19.54 1.09 0.00 | 21.62 1.33 0.00 | 23.73 1.62 0.00 | 22.91 1.60 0.00 | 20.56 1.77 0.00 | 22.44 1.91 -2.16 | 24.03 2.01 -3.87 | 33.02 2.49 -8.84 | 33.89 2.81 -7.48 | 33.30 2.98 -6.11 | 26.61 2.87 0.00 | 26.02 3.11 0.00 | 37.49 4.30 0.00 | 44.96 5.46 0.00 | 41.49 4.61 0.00 | 33.89 3.55 0.00 | 41.43 4.50 0.00 | 39.04 3.61 0.00 | 29.77 2.88 0.00 | 27.55 2.35 0.00 |
| EAST_POINT___SOLAR 323840 | 24.71 1.48 0.00 | 24.78 1.42 0.00 | 22.17 1.19 0.00 | 19.63 1.02 0.00 | 19.44 1.00 0.00 | 21.41 1.13 0.00 | 23.42 1.31 0.00 | 22.16 0.84 0.00 | 19.06 0.27 0.00 | 18.53 0.15 0.00 | 18.21 0.05 0.00 | 21.90 0.21 0.00 | 24.00 0.40 0.00 | 24.73 0.52 0.00 | 24.51 0.78 0.00 | 23.90 0.99 0.00 | 34.72 1.52 0.00 | 41.61 2.11 0.00 | 39.26 2.38 0.00 | 32.59 2.25 0.00 | 39.64 2.70 0.00 | 38.06 2.63 0.00 | 28.79 1.90 0.00 | 26.84 1.64 0.00 |
| EAST_PULASKI___ESR 323781 | 22.65 -0.58 0.00 | 22.81 -0.55 0.00 | 20.46 -0.52 0.00 | 18.17 -0.45 0.00 | 18.03 -0.42 0.00 | 19.84 -0.46 0.00 | 21.64 -0.47 0.00 | 20.83 -0.47 0.00 | 18.33 -0.47 0.00 | 17.91 -0.47 0.00 | 17.69 -0.46 0.00 | 21.08 -0.62 0.00 | 22.90 -0.70 0.00 | 23.51 -0.70 0.00 | 23.04 -0.70 0.00 | 22.34 -0.57 0.00 | 32.53 -0.67 0.00 | 38.77 -0.73 0.00 | 36.34 -0.54 0.00 | 29.94 -0.40 0.00 | 36.51 -0.43 0.00 | 34.96 -0.47 0.00 | 26.48 -0.41 0.00 | 24.70 -0.50 0.00 |
| EAST_RIVER___1 323558 | 24.20 0.97 0.00 | 24.16 0.80 0.00 | 21.68 0.70 0.00 | 19.27 0.65 0.00 | 19.06 0.61 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.95 0.64 0.00 | 19.51 0.71 0.00 | 19.11 0.74 0.00 | 19.01 0.85 0.00 | 22.73 1.03 0.00 | 24.91 1.31 0.00 | 25.56 1.35 0.00 | 25.19 1.46 0.00 | 24.48 1.57 0.00 | 35.46 2.27 0.00 | 42.31 2.81 0.00 | 39.28 2.40 0.00 | 32.25 1.90 0.00 | 39.20 2.27 0.00 | 37.43 2.01 0.00 | 28.42 1.53 0.00 | 26.44 1.25 0.00 |
| EAST_RIVER___2 323559 | 24.24 1.00 0.00 | 24.19 0.83 0.00 | 21.70 0.72 0.00 | 19.29 0.67 0.00 | 19.08 0.63 0.00 | 20.86 0.57 0.00 | 22.73 0.62 0.00 | 21.95 0.64 0.00 | 19.51 0.71 0.00 | 19.12 0.74 0.00 | 19.02 0.86 0.00 | 22.75 1.05 0.00 | 24.93 1.32 0.00 | 25.57 1.36 0.00 | 25.23 1.49 0.00 | 24.51 1.60 0.00 | 35.48 2.28 0.00 | 42.34 2.83 0.00 | 39.31 2.43 0.00 | 32.28 1.94 0.00 | 39.21 2.27 0.00 | 37.45 2.02 0.00 | 28.45 1.56 0.00 | 26.47 1.28 0.00 |
| EAST___DELAWARE_HYD 23607 | 23.21 -0.02 0.00 | 23.18 -0.18 0.00 | 20.77 -0.21 0.00 | 18.44 -0.17 0.00 | 18.26 -0.19 0.00 | 20.01 -0.28 0.00 | 21.81 -0.30 0.00 | 21.07 -0.25 0.00 | 18.67 -0.12 0.00 | 18.26 -0.12 0.00 | 18.09 -0.06 0.00 | 21.62 -0.08 0.00 | 23.66 0.05 0.00 | 24.34 0.13 0.00 | 23.98 0.24 0.00 | 23.31 0.40 0.00 | 33.89 0.70 0.00 | 40.59 1.08 0.00 | 37.85 0.97 0.00 | 31.10 0.75 0.00 | 37.79 0.85 0.00 | 36.04 0.60 0.00 | 27.33 0.44 0.00 | 25.42 0.22 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 23.84 0.61 0.00 | 23.90 0.54 0.00 | 21.35 0.37 0.00 | 19.01 0.39 0.00 | 18.79 0.35 0.00 | 20.73 0.44 0.00 | 22.81 0.70 0.00 | 21.93 0.62 0.00 | 19.20 0.40 0.00 | 18.81 0.43 0.00 | 18.58 0.43 0.00 | 22.28 0.59 0.00 | 24.46 0.86 0.00 | 25.04 0.83 0.00 | 24.31 0.57 0.00 | 23.63 0.72 0.00 | 34.33 1.14 0.00 | 41.21 1.70 0.00 | 38.88 2.00 0.00 | 31.91 1.57 0.00 | 38.38 1.45 0.00 | 36.95 1.52 0.00 | 28.18 1.29 0.00 | 25.91 0.71 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 22.97 -0.26 0.00 | 23.11 -0.25 0.00 | 20.75 -0.23 0.00 | 18.43 -0.19 0.00 | 18.22 -0.22 0.00 | 20.07 -0.22 0.00 | 21.90 -0.21 0.00 | 21.09 -0.22 0.00 | 18.57 -0.22 0.00 | 18.17 -0.21 0.00 | 17.94 -0.22 0.00 | 21.39 -0.30 0.00 | 23.26 -0.34 0.00 | 23.87 -0.34 0.00 | 23.38 -0.36 0.00 | 22.70 -0.21 0.00 | 32.88 -0.31 0.00 | 39.23 -0.27 0.00 | 36.72 -0.16 0.00 | 30.19 -0.16 0.00 | 36.67 -0.26 0.00 | 35.15 -0.28 0.00 | 26.63 -0.25 0.00 | 24.83 -0.36 0.00 |
| ELEC_TRO_TEK 24086 | 24.37 1.14 0.00 | 24.31 0.96 0.00 | 21.80 0.81 0.00 | 19.35 0.74 0.00 | 19.15 0.70 0.00 | 20.99 0.69 0.00 | 22.85 0.74 0.00 | 22.07 0.76 0.00 | 19.66 0.86 0.00 | 21.46 0.92 -2.16 | 23.05 1.03 -3.87 | 31.79 1.25 -8.84 | 32.62 1.53 -7.48 | 31.90 1.59 -6.11 | 25.26 1.52 0.00 | 24.59 1.68 0.00 | 35.61 2.42 0.00 | 42.59 3.08 0.00 | 39.48 2.60 0.00 | 32.40 2.06 0.00 | 39.48 2.55 0.00 | 37.63 2.20 0.00 | 28.63 1.74 0.00 | 26.66 1.47 0.00 |

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| ELLENBURG_WT_PWR 323604 | 22.99 -0.24 0.00 | 23.18 -0.19 0.00 | 20.91 -0.07 0.00 | 18.58 -0.04 0.00 | 18.42 -0.02 0.00 | 20.33 0.04 0.00 | 22.33 0.21 0.00 | 21.63 0.32 0.00 | 19.06 0.26 0.00 | 18.56 0.18 0.00 | 18.32 0.16 0.00 | 21.94 0.24 0.00 | 23.88 0.27 0.00 | 24.41 0.20 0.00 | 23.85 0.11 0.00 | 23.02 0.11 0.00 | 33.39 0.20 0.00 | 39.44 -0.06 0.00 | 37.28 0.39 0.00 | 30.89 0.55 0.00 | 37.48 0.54 0.00 | 35.93 0.50 0.00 | 27.13 0.24 0.00 | 25.52 0.33 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 22.09 -1.14 0.00 | 22.27 -1.09 0.00 | 19.82 -1.16 0.00 | 17.64 -0.97 0.00 | 17.46 -0.99 0.00 | 19.30 -0.99 0.00 | 21.24 -0.88 0.00 | 20.26 -1.05 0.00 | 17.80 -1.00 0.00 | 17.67 -0.71 0.00 | 17.61 -0.55 0.00 | 21.23 -0.46 0.00 | 23.07 -0.53 0.00 | 23.70 -0.51 0.00 | 22.88 -0.85 0.00 | 22.30 -0.61 0.00 | 31.93 -1.26 0.00 | 37.91 -1.59 0.00 | 35.32 -1.56 0.00 | 28.81 -1.53 0.00 | 34.86 -2.07 0.00 | 34.02 -1.41 0.00 | 25.71 -1.17 0.00 | 23.90 -1.30 0.00 |
| EMPIRE_CC_1 323656 | 23.53 0.30 0.00 | 23.69 0.32 0.00 | 21.38 0.39 0.00 | 19.00 0.38 0.00 | 18.84 0.39 0.00 | 20.64 0.35 0.00 | 22.28 0.17 0.00 | 21.54 0.23 0.00 | 19.04 0.25 0.00 | 18.56 0.18 0.00 | 18.30 0.14 0.00 | 21.85 0.15 0.00 | 23.70 0.09 0.00 | 24.28 0.07 0.00 | 23.90 0.17 0.00 | 23.17 0.26 0.00 | 33.44 0.25 0.00 | 39.90 0.39 0.00 | 37.34 0.46 0.00 | 30.85 0.51 0.00 | 37.67 0.74 0.00 | 36.03 0.59 0.00 | 27.36 0.48 0.00 | 25.49 0.29 0.00 |
| EMPIRE_CC_2 323658 | 23.53 0.30 0.00 | 23.69 0.32 0.00 | 21.38 0.39 0.00 | 19.00 0.38 0.00 | 18.84 0.39 0.00 | 20.64 0.35 0.00 | 22.28 0.17 0.00 | 21.54 0.23 0.00 | 19.04 0.25 0.00 | 18.56 0.18 0.00 | 18.30 0.14 0.00 | 21.85 0.15 0.00 | 23.70 0.09 0.00 | 24.28 0.07 0.00 | 23.90 0.17 0.00 | 23.17 0.26 0.00 | 33.44 0.25 0.00 | 39.90 0.39 0.00 | 37.34 0.46 0.00 | 30.85 0.51 0.00 | 37.67 0.74 0.00 | 36.03 0.59 0.00 | 27.36 0.48 0.00 | 25.49 0.29 0.00 |
| ENORWICH_115KV_TB1 80156 | 24.44 1.20 0.00 | 24.46 1.10 0.00 | 21.92 0.94 0.00 | 19.49 0.88 0.00 | 19.28 0.84 0.00 | 21.24 0.95 0.00 | 23.25 1.14 0.00 | 22.31 1.00 0.00 | 19.53 0.74 0.00 | 18.90 0.52 0.00 | 18.63 0.48 0.00 | 22.24 0.55 0.00 | 24.29 0.69 0.00 | 24.98 0.77 0.00 | 24.43 0.69 0.00 | 23.80 0.89 0.00 | 34.83 1.64 0.00 | 41.79 2.28 0.00 | 39.50 2.62 0.00 | 32.68 2.34 0.00 | 39.72 2.78 0.00 | 38.06 2.63 0.00 | 28.69 1.80 0.00 | 26.58 1.38 0.00 |
| ERIE_ST_34_KV_TB1-2 80199 | 22.60 -0.63 0.00 | 22.74 -0.62 0.00 | 20.25 -0.73 0.00 | 18.02 -0.60 0.00 | 17.81 -0.63 0.00 | 19.70 -0.59 0.00 | 21.66 -0.45 0.00 | 20.70 -0.61 0.00 | 18.20 -0.60 0.00 | 18.04 -0.33 0.00 | 17.96 -0.19 0.00 | 21.66 -0.04 0.00 | 23.59 -0.02 0.00 | 24.25 0.04 0.00 | 23.44 -0.30 0.00 | 22.87 -0.04 0.00 | 32.88 -0.31 0.00 | 39.12 -0.38 0.00 | 36.38 -0.50 0.00 | 29.71 -0.63 0.00 | 35.92 -1.02 0.00 | 34.93 -0.50 0.00 | 26.36 -0.53 0.00 | 24.46 -0.74 0.00 |
| ERIE_WT_PWR 323693 | 22.24 -0.99 0.00 | 22.41 -0.95 0.00 | 19.96 -1.02 0.00 | 17.75 -0.87 0.00 | 17.57 -0.88 0.00 | 19.42 -0.87 0.00 | 21.37 -0.74 0.00 | 20.40 -0.91 0.00 | 17.91 -0.88 0.00 | 17.78 -0.60 0.00 | 17.71 -0.45 0.00 | 21.38 -0.31 0.00 | 23.21 -0.39 0.00 | 23.85 -0.36 0.00 | 23.04 -0.69 0.00 | 22.47 -0.43 0.00 | 32.19 -1.00 0.00 | 38.23 -1.27 0.00 | 35.64 -1.24 0.00 | 29.05 -1.29 0.00 | 35.16 -1.77 0.00 | 34.29 -1.15 0.00 | 25.91 -0.98 0.00 | 24.06 -1.13 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 24.31 1.08 0.00 | 24.36 1.01 0.00 | 21.77 0.79 0.00 | 19.27 0.66 0.00 | 19.08 0.63 0.00 | 21.02 0.73 0.00 | 23.06 0.95 0.00 | 22.16 0.85 0.00 | 19.48 0.68 0.00 | 19.09 0.71 0.00 | 18.91 0.75 0.00 | 22.62 0.92 0.00 | 24.69 1.08 0.00 | 25.36 1.15 0.00 | 24.86 1.13 0.00 | 24.03 1.12 0.00 | 34.91 1.71 0.00 | 41.63 2.12 0.00 | 38.98 2.10 0.00 | 32.07 1.73 0.00 | 38.88 1.95 0.00 | 37.34 1.91 0.00 | 28.27 1.38 0.00 | 26.37 1.17 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 23.41 0.18 0.00 | 23.51 0.14 0.00 | 21.08 0.10 0.00 | 18.74 0.12 0.00 | 18.53 0.08 0.00 | 20.39 0.10 0.00 | 22.29 0.18 0.00 | 21.43 0.12 0.00 | 18.84 0.05 0.00 | 18.36 -0.02 0.00 | 18.12 -0.04 0.00 | 21.63 -0.06 0.00 | 23.59 -0.02 0.00 | 24.22 0.01 0.00 | 23.69 -0.05 0.00 | 23.05 0.14 0.00 | 33.44 0.25 0.00 | 40.05 0.55 0.00 | 37.59 0.71 0.00 | 31.00 0.65 0.00 | 37.65 0.72 0.00 | 36.11 0.68 0.00 | 27.31 0.42 0.00 | 25.39 0.19 0.00 |
| ETNA____115KV_TB2 80207 | 23.41 0.18 0.00 | 23.51 0.14 0.00 | 21.08 0.10 0.00 | 18.74 0.12 0.00 | 18.53 0.08 0.00 | 20.39 0.10 0.00 | 22.29 0.18 0.00 | 21.43 0.12 0.00 | 18.84 0.05 0.00 | 18.36 -0.02 0.00 | 18.12 -0.04 0.00 | 21.63 -0.06 0.00 | 23.59 -0.02 0.00 | 24.22 0.01 0.00 | 23.69 -0.05 0.00 | 23.05 0.14 0.00 | 33.44 0.25 0.00 | 40.05 0.55 0.00 | 37.59 0.71 0.00 | 31.00 0.65 0.00 | 37.65 0.72 0.00 | 36.11 0.68 0.00 | 27.31 0.42 0.00 | 25.39 0.19 0.00 |
| EUCLID____115KV_TB2 356179 | 22.86 -0.37 0.00 | 23.01 -0.35 0.00 | 20.64 -0.34 0.00 | 18.34 -0.28 0.00 | 18.15 -0.29 0.00 | 19.97 -0.33 0.00 | 21.79 -0.32 0.00 | 20.97 -0.34 0.00 | 18.47 -0.33 0.00 | 18.08 -0.30 0.00 | 17.85 -0.31 0.00 | 21.31 -0.39 0.00 | 23.14 -0.46 0.00 | 23.74 -0.47 0.00 | 23.25 -0.48 0.00 | 22.56 -0.35 0.00 | 32.67 -0.53 0.00 | 39.00 -0.51 0.00 | 36.45 -0.43 0.00 | 29.95 -0.39 0.00 | 36.41 -0.52 0.00 | 34.93 -0.50 0.00 | 26.45 -0.44 0.00 | 24.69 -0.51 0.00 |
| E_CANADA_CAP_HY 24051 | 24.62 1.39 0.00 | 24.72 1.35 0.00 | 22.09 1.10 0.00 | 19.54 0.93 0.00 | 19.35 0.91 0.00 | 21.33 1.04 0.00 | 23.38 1.27 0.00 | 22.39 1.08 0.00 | 19.55 0.75 0.00 | 19.10 0.73 0.00 | 18.87 0.71 0.00 | 22.58 0.89 0.00 | 24.63 1.03 0.00 | 25.30 1.09 0.00 | 24.85 1.12 0.00 | 24.02 1.11 0.00 | 34.81 1.62 0.00 | 41.54 2.04 0.00 | 39.08 2.19 0.00 | 32.27 1.93 0.00 | 39.19 2.26 0.00 | 37.72 2.30 0.00 | 28.58 1.69 0.00 | 26.70 1.50 0.00 |
| E_CANADA_MHWK_HY 24050 | 23.10 -0.13 0.00 | 23.19 -0.17 0.00 | 20.94 -0.05 0.00 | 18.64 0.03 0.00 | 18.44 -0.01 0.00 | 20.21 -0.08 0.00 | 21.87 -0.24 0.00 | 21.00 -0.31 0.00 | 18.32 -0.48 0.00 | 17.66 -0.72 0.00 | 17.38 -0.78 0.00 | 20.82 -0.88 0.00 | 22.71 -0.89 0.00 | 23.33 -0.88 0.00 | 22.91 -0.82 0.00 | 22.35 -0.56 0.00 | 32.41 -0.79 0.00 | 39.09 -0.41 0.00 | 36.87 -0.01 0.00 | 30.64 0.29 0.00 | 37.49 0.55 0.00 | 35.88 0.45 0.00 | 27.15 0.26 0.00 | 25.21 0.01 0.00 |
| E_FISHKILL____LBMP 23776 | 23.93 0.70 0.00 | 23.93 0.57 0.00 | 21.50 0.52 0.00 | 19.11 0.49 0.00 | 18.92 0.47 0.00 | 20.71 0.42 0.00 | 22.55 0.44 0.00 | 21.79 0.47 0.00 | 19.32 0.52 0.00 | 18.91 0.53 0.00 | 18.76 0.60 0.00 | 22.42 0.73 0.00 | 24.52 0.92 0.00 | 25.16 0.96 0.00 | 24.76 1.03 0.00 | 24.05 1.14 0.00 | 34.84 1.64 0.00 | 41.61 2.10 0.00 | 38.71 1.83 0.00 | 31.83 1.49 0.00 | 38.74 1.81 0.00 | 37.00 1.56 0.00 | 28.07 1.18 0.00 | 26.12 0.92 0.00 |
| FALCON____SEABRD_CC1 323796 | 23.48 0.24 0.00 | 23.66 0.30 0.00 | 21.41 0.43 0.00 | 19.06 0.44 0.00 | 18.90 0.46 0.00 | 20.77 0.48 0.00 | 22.81 0.69 0.00 | 22.07 0.77 0.00 | 19.32 0.52 0.00 | 18.73 0.36 0.00 | 18.48 0.32 0.00 | 22.12 0.43 0.00 | 24.13 0.53 0.00 | 24.69 0.48 0.00 | 24.10 0.36 0.00 | 23.35 0.44 0.00 | 33.92 0.72 0.00 | 40.05 0.55 0.00 | 38.24 1.35 0.00 | 31.88 1.54 0.00 | 38.68 1.75 0.00 | 36.95 1.52 0.00 | 27.84 0.95 0.00 | 26.12 0.92 0.00 |

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| FALCON___SEABRD_CC2 323797 | 23.48 0.24 0.00 | 23.66 0.30 0.00 | 21.41 0.43 0.00 | 19.06 0.44 0.00 | 18.90 0.46 0.00 | 20.77 0.48 0.00 | 22.81 0.69 0.00 | 22.07 0.77 0.00 | 19.32 0.52 0.00 | 18.73 0.36 0.00 | 18.48 0.32 0.00 | 22.12 0.43 0.00 | 24.13 0.53 0.00 | 24.69 0.48 0.00 | 24.10 0.36 0.00 | 23.35 0.44 0.00 | 33.92 0.72 0.00 | 40.05 0.55 0.00 | 38.24 1.35 0.00 | 31.88 1.54 0.00 | 38.68 1.75 0.00 | 36.95 1.52 0.00 | 27.84 0.95 0.00 | 26.12 0.92 0.00 |
| FAR ROCKAWAY___4 23548 | 24.71 1.47 0.00 | 24.63 1.27 0.00 | 22.06 1.08 0.00 | 19.58 0.97 0.00 | 19.38 0.93 0.00 | 21.23 0.94 0.00 | 23.13 1.02 0.00 | 22.33 1.02 0.00 | 19.89 1.10 0.00 | 21.70 1.17 -2.16 | 23.33 1.30 -3.87 | 32.15 1.62 -8.84 | 33.03 1.95 -7.48 | 32.34 2.03 -6.11 | 25.69 1.95 0.00 | 25.02 2.11 0.00 | 36.25 3.05 0.00 | 43.36 3.86 0.00 | 40.17 3.29 0.00 | 32.94 2.60 0.00 | 40.10 3.17 0.00 | 38.22 2.79 0.00 | 29.07 2.18 0.00 | 27.07 1.87 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 24.20 0.97 0.00 | 24.17 0.81 0.00 | 21.68 0.70 0.00 | 19.27 0.65 0.00 | 19.06 0.61 0.00 | 20.85 0.56 0.00 | 22.72 0.61 0.00 | 21.97 0.66 0.00 | 19.52 0.72 0.00 | 19.12 0.74 0.00 | 19.01 0.86 0.00 | 22.75 1.05 0.00 | 24.92 1.31 0.00 | 25.57 1.36 0.00 | 25.20 1.46 0.00 | 24.49 1.58 0.00 | 35.46 2.27 0.00 | 42.31 2.81 0.00 | 39.29 2.41 0.00 | 32.25 1.91 0.00 | 39.21 2.27 0.00 | 37.44 2.01 0.00 | 28.43 1.54 0.00 | 26.45 1.25 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 24.23 1.00 0.00 | 24.19 0.83 0.00 | 21.70 0.72 0.00 | 19.29 0.67 0.00 | 19.08 0.63 0.00 | 20.87 0.58 0.00 | 22.74 0.63 0.00 | 21.98 0.67 0.00 | 19.53 0.73 0.00 | 19.14 0.76 0.00 | 19.03 0.87 0.00 | 22.76 1.07 0.00 | 24.94 1.33 0.00 | 25.59 1.38 0.00 | 25.22 1.49 0.00 | 24.51 1.61 0.00 | 35.50 2.31 0.00 | 42.36 2.86 0.00 | 39.33 2.45 0.00 | 32.29 1.94 0.00 | 39.25 2.31 0.00 | 37.49 2.06 0.00 | 28.46 1.57 0.00 | 26.50 1.30 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 24.19 0.97 0.00 | 24.16 0.80 0.00 | 21.68 0.70 0.00 | 19.27 0.65 0.00 | 19.06 0.61 0.00 | 20.85 0.56 0.00 | 22.72 0.60 0.00 | 21.96 0.65 0.00 | 19.51 0.72 0.00 | 19.12 0.74 0.00 | 19.01 0.85 0.00 | 22.74 1.04 0.00 | 24.91 1.31 0.00 | 25.57 1.36 0.00 | 25.19 1.46 0.00 | 24.48 1.58 0.00 | 35.46 2.27 0.00 | 42.31 2.81 0.00 | 39.28 2.40 0.00 | 32.25 1.90 0.00 | 39.20 2.27 0.00 | 37.44 2.01 0.00 | 28.42 1.54 0.00 | 26.44 1.25 0.00 |
| FARRAGUT___LBMP 323566 | 24.18 0.95 0.00 | 24.15 0.79 0.00 | 21.67 0.68 0.00 | 19.25 0.64 0.00 | 19.05 0.60 0.00 | 20.84 0.54 0.00 | 22.70 0.59 0.00 | 21.95 0.64 0.00 | 19.50 0.70 0.00 | 19.10 0.72 0.00 | 19.00 0.84 0.00 | 22.72 1.03 0.00 | 24.89 1.28 0.00 | 25.54 1.33 0.00 | 25.17 1.43 0.00 | 24.46 1.55 0.00 | 35.43 2.24 0.00 | 42.27 2.77 0.00 | 39.25 2.37 0.00 | 32.22 1.88 0.00 | 39.17 2.24 0.00 | 37.41 1.98 0.00 | 28.40 1.52 0.00 | 26.43 1.23 0.00 |
| FENNER___WINDPWR 24204 | 23.46 0.23 0.00 | 23.57 0.21 0.00 | 21.15 0.17 0.00 | 18.79 0.17 0.00 | 18.60 0.16 0.00 | 20.46 0.17 0.00 | 22.33 0.22 0.00 | 21.49 0.18 0.00 | 18.90 0.10 0.00 | 18.44 0.06 0.00 | 18.21 0.06 0.00 | 21.76 0.07 0.00 | 23.70 0.10 0.00 | 24.31 0.10 0.00 | 23.84 0.10 0.00 | 23.12 0.21 0.00 | 33.58 0.38 0.00 | 40.13 0.63 0.00 | 37.63 0.74 0.00 | 31.02 0.68 0.00 | 37.73 0.80 0.00 | 36.17 0.74 0.00 | 27.37 0.48 0.00 | 25.50 0.30 0.00 |
| FIBERTEK___ENERGY 23856 | 23.10 -0.13 0.00 | 23.24 -0.12 0.00 | 20.85 -0.13 0.00 | 18.52 -0.10 0.00 | 18.33 -0.12 0.00 | 20.17 -0.12 0.00 | 22.02 -0.10 0.00 | 21.20 -0.12 0.00 | 18.67 -0.13 0.00 | 18.26 -0.12 0.00 | 18.03 -0.13 0.00 | 21.52 -0.17 0.00 | 23.39 -0.21 0.00 | 24.00 -0.21 0.00 | 23.51 -0.22 0.00 | 22.83 -0.08 0.00 | 33.09 -0.11 0.00 | 39.52 0.02 0.00 | 36.96 0.08 0.00 | 30.38 0.03 0.00 | 36.90 -0.03 0.00 | 35.38 -0.05 0.00 | 26.78 -0.11 0.00 | 24.96 -0.24 0.00 |
| FITZPATRICK____ 23598 | 22.61 -0.62 0.00 | 22.79 -0.57 0.00 | 20.45 -0.54 0.00 | 18.15 -0.46 0.00 | 17.98 -0.47 0.00 | 19.79 -0.51 0.00 | 21.58 -0.53 0.00 | 20.78 -0.53 0.00 | 18.30 -0.49 0.00 | 17.91 -0.47 0.00 | 17.68 -0.48 0.00 | 21.07 -0.62 0.00 | 22.86 -0.75 0.00 | 23.43 -0.78 0.00 | 22.95 -0.78 0.00 | 22.25 -0.66 0.00 | 32.21 -0.99 0.00 | 38.39 -1.11 0.00 | 35.88 -1.00 0.00 | 29.50 -0.85 0.00 | 35.86 -1.07 0.00 | 34.42 -1.01 0.00 | 26.09 -0.80 0.00 | 24.39 -0.81 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 24.50 1.27 0.00 | 24.43 1.07 0.00 | 21.89 0.90 0.00 | 19.45 0.83 0.00 | 19.25 0.80 0.00 | 21.12 0.83 0.00 | 23.03 0.92 0.00 | 22.22 0.92 0.00 | 19.84 1.05 0.00 | 21.66 1.12 -2.16 | 23.20 1.17 -3.87 | 31.95 1.42 -8.84 | 32.83 1.74 -7.48 | 32.18 1.86 -6.11 | 25.58 1.84 0.00 | 24.97 2.06 0.00 | 36.02 2.83 0.00 | 43.18 3.67 0.00 | 39.99 3.10 0.00 | 32.80 2.46 0.00 | 40.14 3.21 0.00 | 37.95 2.52 0.00 | 28.89 2.01 0.00 | 26.86 1.66 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 24.20 0.97 0.00 | 24.19 0.83 0.00 | 21.70 0.72 0.00 | 19.28 0.67 0.00 | 19.09 0.64 0.00 | 20.91 0.62 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.52 0.72 0.00 | 19.11 0.73 0.00 | 18.96 0.80 0.00 | 22.68 0.99 0.00 | 24.83 1.23 0.00 | 25.52 1.31 0.00 | 25.12 1.38 0.00 | 24.41 1.50 0.00 | 35.41 2.22 0.00 | 42.35 2.85 0.00 | 39.40 2.52 0.00 | 32.36 2.02 0.00 | 39.34 2.41 0.00 | 37.54 2.11 0.00 | 28.45 1.56 0.00 | 26.45 1.25 0.00 |
| FORT ORANGE____ 23900 | 23.47 0.24 0.00 | 23.62 0.26 0.00 | 21.39 0.41 0.00 | 19.02 0.41 0.00 | 18.85 0.41 0.00 | 20.66 0.37 0.00 | 22.38 0.27 0.00 | 21.64 0.33 0.00 | 19.07 0.27 0.00 | 18.53 0.15 0.00 | 18.26 0.10 0.00 | 21.80 0.11 0.00 | 23.68 0.07 0.00 | 24.29 0.08 0.00 | 23.90 0.16 0.00 | 23.20 0.29 0.00 | 33.56 0.37 0.00 | 40.14 0.64 0.00 | 37.61 0.72 0.00 | 31.03 0.69 0.00 | 37.86 0.93 0.00 | 36.18 0.75 0.00 | 27.43 0.54 0.00 | 25.53 0.33 0.00 |
| FORT_DRUM_COGEN 23780 | 22.50 -0.73 0.00 | 22.68 -0.68 0.00 | 20.35 -0.63 0.00 | 18.04 -0.57 0.00 | 18.03 -0.42 0.00 | 19.83 -0.46 0.00 | 21.65 -0.46 0.00 | 20.86 -0.45 0.00 | 18.31 -0.49 0.00 | 17.87 -0.51 0.00 | 17.69 -0.47 0.00 | 21.04 -0.66 0.00 | 22.93 -0.68 0.00 | 23.57 -0.64 0.00 | 23.10 -0.63 0.00 | 22.37 -0.54 0.00 | 32.96 -0.23 0.00 | 39.06 -0.44 0.00 | 36.86 -0.02 0.00 | 30.52 0.18 0.00 | 37.51 0.57 0.00 | 35.77 0.34 0.00 | 27.10 0.22 0.00 | 25.28 0.08 0.00 |
| FOX_HILLS___ESR 323835 | 24.30 1.07 0.00 | 24.25 0.89 0.00 | 21.74 0.76 0.00 | 19.33 0.71 0.00 | 19.10 0.65 0.00 | 20.89 0.60 0.00 | 22.78 0.67 0.00 | 22.02 0.71 0.00 | 19.56 0.76 0.00 | 19.16 0.78 0.00 | 19.07 0.91 0.00 | 22.90 1.21 0.00 | 25.10 1.49 -0.01 | 25.76 1.54 -0.01 | 25.34 1.60 -0.01 | 24.61 1.70 0.00 | 39.95 2.44 -4.32 | 42.52 3.02 0.00 | 39.45 2.57 0.00 | 32.45 2.11 0.00 | 39.35 2.41 0.00 | 37.71 2.27 -0.01 | 28.65 1.76 -0.01 | 26.65 1.46 0.00 |
| FPL FAR_ROCK_GT1 24212 | 24.71 1.48 0.00 | 24.63 1.27 0.00 | 22.06 1.08 0.00 | 19.58 0.97 0.00 | 19.38 0.93 0.00 | 21.23 0.94 0.00 | 23.13 1.02 0.00 | 22.33 1.02 0.00 | 19.89 1.10 0.00 | 21.71 1.17 -2.16 | 23.33 1.30 -3.87 | 32.15 1.61 -8.84 | 33.03 1.95 -7.48 | 32.34 2.02 -6.11 | 25.69 1.95 0.00 | 25.02 2.11 0.00 | 36.25 3.05 0.00 | 43.36 3.86 0.00 | 40.17 3.29 0.00 | 32.94 2.60 0.00 | 40.10 3.17 0.00 | 38.22 2.79 0.00 | 29.07 2.18 0.00 | 27.07 1.87 0.00 |

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| FPL FAR_ROCK_GT2 23815 | 24.71 1.48 0.00 | 24.63 1.27 0.00 | 22.06 1.08 0.00 | 19.58 0.97 0.00 | 19.38 0.93 0.00 | 21.23 0.94 0.00 | 23.13 1.02 0.00 | 22.33 1.02 0.00 | 19.89 1.10 0.00 | 21.71 1.17 -2.16 | 23.33 1.30 -3.87 | 32.15 1.61 -8.84 | 33.03 1.95 -7.48 | 32.34 2.02 -6.11 | 25.69 1.95 0.00 | 25.02 2.11 0.00 | 36.25 3.05 0.00 | 43.36 3.86 0.00 | 40.17 3.29 0.00 | 32.94 2.60 0.00 | 40.10 3.17 0.00 | 38.22 2.79 0.00 | 29.07 2.18 0.00 | 27.07 1.87 0.00 |
| FRANKLIN_FALL_HYD 24054 | 23.13 -0.10 0.00 | 23.30 -0.06 0.00 | 20.99 0.01 0.00 | 18.62 0.01 0.00 | 18.55 0.10 0.00 | 20.47 0.18 0.00 | 22.46 0.35 0.00 | 21.76 0.45 0.00 | 19.18 0.38 0.00 | 18.69 0.32 0.00 | 18.46 0.30 0.00 | 22.12 0.42 0.00 | 24.07 0.46 0.00 | 24.65 0.44 0.00 | 24.07 0.34 0.00 | 23.18 0.27 0.00 | 33.63 0.44 0.00 | 39.77 0.26 0.00 | 37.49 0.61 0.00 | 31.04 0.70 0.00 | 37.72 0.78 0.00 | 36.21 0.78 0.00 | 27.36 0.48 0.00 | 25.74 0.54 0.00 |
| FREEPORT_EQUS_GT1 23764 | 24.52 1.29 0.00 | 24.45 1.09 0.00 | 21.91 0.93 0.00 | 19.44 0.83 0.00 | 19.24 0.80 0.00 | 21.08 0.79 0.00 | 22.97 0.86 0.00 | 22.18 0.87 0.00 | 19.77 0.97 0.00 | 21.58 1.05 -2.16 | 23.18 1.15 -3.87 | 31.95 1.42 -8.84 | 32.81 1.73 -7.48 | 32.09 1.77 -6.11 | 25.36 1.62 0.00 | 24.69 1.78 0.00 | 35.78 2.58 0.00 | 42.82 3.31 0.00 | 39.68 2.80 0.00 | 32.55 2.21 0.00 | 39.68 2.74 0.00 | 37.92 2.49 0.00 | 28.84 1.95 0.00 | 26.85 1.65 0.00 |
| FREEPORT___CT2 23818 | 24.52 1.29 0.00 | 24.45 1.09 0.00 | 21.91 0.93 0.00 | 19.44 0.83 0.00 | 19.24 0.80 0.00 | 21.08 0.79 0.00 | 22.97 0.86 0.00 | 22.18 0.87 0.00 | 19.77 0.97 0.00 | 21.58 1.05 -2.16 | 23.18 1.15 -3.87 | 31.95 1.42 -8.84 | 32.81 1.73 -7.48 | 32.09 1.77 -6.11 | 25.36 1.62 0.00 | 24.69 1.78 0.00 | 35.78 2.58 0.00 | 42.82 3.31 0.00 | 39.68 2.80 0.00 | 32.55 2.21 0.00 | 39.68 2.74 0.00 | 37.92 2.49 0.00 | 28.84 1.95 0.00 | 26.85 1.65 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 24.18 0.95 0.00 | 24.15 0.79 0.00 | 21.65 0.67 0.00 | 19.24 0.63 0.00 | 19.04 0.59 0.00 | 20.83 0.54 0.00 | 22.72 0.61 0.00 | 21.95 0.64 0.00 | 19.49 0.69 0.00 | 19.07 0.69 0.00 | 18.99 0.83 0.00 | 22.86 1.16 0.00 | 25.05 1.44 -0.01 | 25.69 1.48 -0.01 | 25.26 1.52 0.00 | 24.50 1.59 0.00 | 38.66 2.30 -3.16 | 42.44 2.94 0.00 | 39.37 2.49 0.00 | 32.44 2.10 0.00 | 39.26 2.33 0.00 | 37.64 2.21 -0.01 | 28.66 1.76 -0.01 | 26.66 1.47 0.00 |
| FULTON COGEN____ 23766 | 22.77 -0.46 0.00 | 22.92 -0.44 0.00 | 20.56 -0.42 0.00 | 18.26 -0.35 0.00 | 18.08 -0.36 0.00 | 19.89 -0.40 0.00 | 21.70 -0.41 0.00 | 20.90 -0.42 0.00 | 18.40 -0.40 0.00 | 17.98 -0.39 0.00 | 17.75 -0.41 0.00 | 21.17 -0.53 0.00 | 22.97 -0.63 0.00 | 23.56 -0.65 0.00 | 23.09 -0.65 0.00 | 22.39 -0.52 0.00 | 32.45 -0.74 0.00 | 38.74 -0.76 0.00 | 36.25 -0.63 0.00 | 29.83 -0.51 0.00 | 36.27 -0.67 0.00 | 34.79 -0.64 0.00 | 26.33 -0.55 0.00 | 24.58 -0.61 0.00 |
| FULTON___LFGE 323630 | 24.52 1.29 0.00 | 24.60 1.24 0.00 | 22.04 1.06 0.00 | 19.53 0.91 0.00 | 19.33 0.89 0.00 | 21.28 0.99 0.00 | 23.24 1.13 0.00 | 22.20 0.89 0.00 | 19.21 0.41 0.00 | 18.63 0.25 0.00 | 18.35 0.19 0.00 | 21.94 0.24 0.00 | 23.91 0.31 0.00 | 24.57 0.36 0.00 | 24.16 0.42 0.00 | 23.42 0.51 0.00 | 34.04 0.84 0.00 | 40.90 1.40 0.00 | 38.83 1.96 0.00 | 32.31 1.96 0.00 | 39.33 2.39 0.00 | 37.74 2.31 0.00 | 28.57 1.68 0.00 | 26.63 1.43 0.00 |
| G.F.CEMENT___DRP 24184 | 24.65 1.42 0.00 | 24.66 1.30 0.00 | 22.25 1.27 0.00 | 19.77 1.16 0.00 | 19.54 1.09 0.00 | 21.45 1.16 0.00 | 23.30 1.19 0.00 | 22.36 1.05 0.00 | 19.64 0.84 0.00 | 19.07 0.70 0.00 | 18.77 0.61 0.00 | 22.44 0.74 0.00 | 24.49 0.88 0.00 | 25.13 0.93 0.00 | 24.72 0.99 0.00 | 24.03 1.12 0.00 | 34.98 1.78 0.00 | 42.15 2.65 0.00 | 39.72 2.84 0.00 | 32.88 2.54 0.00 | 40.05 3.11 0.00 | 38.15 2.72 0.00 | 28.99 2.10 0.00 | 26.93 1.73 0.00 |
| GARDENVILLE___LBMP 24039 | 22.18 -1.05 0.00 | 22.35 -1.01 0.00 | 19.90 -1.08 0.00 | 17.71 -0.91 0.00 | 17.52 -0.92 0.00 | 19.37 -0.92 0.00 | 21.31 -0.80 0.00 | 20.34 -0.97 0.00 | 17.87 -0.93 0.00 | 17.73 -0.65 0.00 | 17.66 -0.50 0.00 | 21.30 -0.40 0.00 | 23.16 -0.45 0.00 | 23.79 -0.42 0.00 | 22.98 -0.76 0.00 | 22.41 -0.50 0.00 | 32.10 -1.10 0.00 | 38.12 -1.38 0.00 | 35.52 -1.36 0.00 | 28.98 -1.36 0.00 | 35.06 -1.88 0.00 | 34.18 -1.25 0.00 | 25.83 -1.05 0.00 | 24.00 -1.20 0.00 |
| GARDNVLA_35_KV_LD 355827 | 22.25 -0.97 0.00 | 22.43 -0.93 0.00 | 19.96 -1.02 0.00 | 17.76 -0.85 0.00 | 17.57 -0.88 0.00 | 19.43 -0.86 0.00 | 21.37 -0.74 0.00 | 20.40 -0.91 0.00 | 17.92 -0.88 0.00 | 17.79 -0.59 0.00 | 17.73 -0.43 0.00 | 21.39 -0.31 0.00 | 23.26 -0.35 0.00 | 23.90 -0.31 0.00 | 23.09 -0.65 0.00 | 22.51 -0.40 0.00 | 32.24 -0.95 0.00 | 38.29 -1.22 0.00 | 35.68 -1.21 0.00 | 29.10 -1.25 0.00 | 35.20 -1.74 0.00 | 34.33 -1.11 0.00 | 25.93 -0.96 0.00 | 24.09 -1.11 0.00 |
| GELCKHM__115KV_LOAD 80723 | 22.95 -0.28 0.00 | 23.09 -0.27 0.00 | 20.72 -0.26 0.00 | 18.40 -0.22 0.00 | 18.22 -0.23 0.00 | 20.04 -0.25 0.00 | 21.87 -0.24 0.00 | 21.04 -0.27 0.00 | 18.54 -0.26 0.00 | 18.14 -0.23 0.00 | 17.92 -0.24 0.00 | 21.38 -0.31 0.00 | 23.23 -0.37 0.00 | 23.83 -0.38 0.00 | 23.34 -0.39 0.00 | 22.65 -0.26 0.00 | 32.82 -0.37 0.00 | 39.18 -0.32 0.00 | 36.62 -0.26 0.00 | 30.10 -0.24 0.00 | 36.57 -0.36 0.00 | 35.07 -0.36 0.00 | 26.56 -0.32 0.00 | 24.79 -0.41 0.00 |
| GENERAL___MILLS 23808 | 22.23 -1.01 0.00 | 22.40 -0.96 0.00 | 19.94 -1.04 0.00 | 17.74 -0.87 0.00 | 17.55 -0.90 0.00 | 19.41 -0.88 0.00 | 21.35 -0.76 0.00 | 20.37 -0.94 0.00 | 17.90 -0.89 0.00 | 17.77 -0.61 0.00 | 17.70 -0.46 0.00 | 21.35 -0.35 0.00 | 23.21 -0.39 0.00 | 23.84 -0.36 0.00 | 23.04 -0.70 0.00 | 22.46 -0.45 0.00 | 32.17 -1.02 0.00 | 38.22 -1.29 0.00 | 35.61 -1.27 0.00 | 29.04 -1.30 0.00 | 35.13 -1.81 0.00 | 34.26 -1.17 0.00 | 25.89 -1.00 0.00 | 24.05 -1.15 0.00 |
| GE_PLASTICS___DRP 24183 | 23.43 0.20 0.00 | 23.56 0.20 0.00 | 21.29 0.31 0.00 | 18.93 0.31 0.00 | 18.76 0.31 0.00 | 20.56 0.27 0.00 | 22.30 0.19 0.00 | 21.55 0.24 0.00 | 19.01 0.22 0.00 | 18.51 0.14 0.00 | 18.28 0.12 0.00 | 21.83 0.13 0.00 | 23.73 0.13 0.00 | 24.34 0.13 0.00 | 23.93 0.20 0.00 | 23.21 0.30 0.00 | 33.57 0.38 0.00 | 40.09 0.59 0.00 | 37.49 0.60 0.00 | 30.89 0.55 0.00 | 37.68 0.74 0.00 | 36.03 0.60 0.00 | 27.33 0.45 0.00 | 25.47 0.27 0.00 |
| GILBOA___1 23756 | 23.50 0.27 0.00 | 23.59 0.23 0.00 | 21.22 0.23 0.00 | 18.85 0.23 0.00 | 18.67 0.22 0.00 | 20.48 0.19 0.00 | 22.28 0.17 0.00 | 21.50 0.18 0.00 | 19.00 0.20 0.00 | 18.56 0.18 0.00 | 18.35 0.19 0.00 | 21.92 0.23 0.00 | 23.91 0.30 0.00 | 24.53 0.32 0.00 | 24.10 0.37 0.00 | 23.37 0.46 0.00 | 33.83 0.64 0.00 | 40.32 0.82 0.00 | 37.63 0.75 0.00 | 30.98 0.63 0.00 | 37.73 0.80 0.00 | 36.12 0.68 0.00 | 27.43 0.54 0.00 | 25.56 0.36 0.00 |
| GILBOA___2 23757 | 23.50 0.27 0.00 | 23.59 0.23 0.00 | 21.22 0.23 0.00 | 18.85 0.23 0.00 | 18.67 0.22 0.00 | 20.48 0.19 0.00 | 22.28 0.17 0.00 | 21.50 0.18 0.00 | 19.00 0.20 0.00 | 18.56 0.18 0.00 | 18.35 0.19 0.00 | 21.92 0.23 0.00 | 23.91 0.30 0.00 | 24.53 0.32 0.00 | 24.10 0.37 0.00 | 23.37 0.46 0.00 | 33.83 0.64 0.00 | 40.32 0.82 0.00 | 37.63 0.75 0.00 | 30.98 0.63 0.00 | 37.73 0.80 0.00 | 36.12 0.68 0.00 | 27.43 0.54 0.00 | 25.56 0.36 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GILBOA___3 23758 | 23.50 0.27 0.00 | 23.59 0.23 0.00 | 21.22 0.23 0.00 | 18.85 0.23 0.00 | 18.67 0.22 0.00 | 20.48 0.19 0.00 | 22.28 0.17 0.00 | 21.50 0.18 0.00 | 19.00 0.20 0.00 | 18.56 0.18 0.00 | 18.35 0.19 0.00 | 21.92 0.23 0.00 | 23.91 0.30 0.00 | 24.53 0.32 0.00 | 24.10 0.37 0.00 | 23.37 0.46 0.00 | 33.83 0.64 0.00 | 40.32 0.82 0.00 | 37.63 0.75 0.00 | 30.98 0.63 0.00 | 37.73 0.80 0.00 | 36.12 0.68 0.00 | 27.43 0.54 0.00 | 25.56 0.36 0.00 |
| GILBOA___4 23759 | 23.50 0.27 0.00 | 23.59 0.23 0.00 | 21.22 0.23 0.00 | 18.85 0.23 0.00 | 18.67 0.22 0.00 | 20.48 0.19 0.00 | 22.28 0.17 0.00 | 21.50 0.18 0.00 | 19.00 0.20 0.00 | 18.56 0.18 0.00 | 18.35 0.19 0.00 | 21.92 0.23 0.00 | 23.91 0.30 0.00 | 24.53 0.32 0.00 | 24.10 0.37 0.00 | 23.37 0.46 0.00 | 33.83 0.64 0.00 | 40.32 0.82 0.00 | 37.63 0.75 0.00 | 30.98 0.63 0.00 | 37.73 0.80 0.00 | 36.12 0.68 0.00 | 27.43 0.54 0.00 | 25.56 0.36 0.00 |
| GILBOA___ 23599 | 23.50 0.27 0.00 | 23.59 0.23 0.00 | 21.22 0.23 0.00 | 18.85 0.24 0.00 | 18.67 0.22 0.00 | 20.48 0.19 0.00 | 22.29 0.17 0.00 | 21.50 0.19 0.00 | 19.00 0.20 0.00 | 18.56 0.18 0.00 | 18.35 0.19 0.00 | 21.92 0.23 0.00 | 23.91 0.30 0.00 | 24.53 0.32 0.00 | 24.10 0.37 0.00 | 23.37 0.46 0.00 | 33.83 0.64 0.00 | 40.32 0.82 0.00 | 37.63 0.75 0.00 | 30.98 0.63 0.00 | 37.73 0.80 0.00 | 36.12 0.69 0.00 | 27.43 0.54 0.00 | 25.56 0.36 0.00 |
| GINNA___ 23603 | 21.70 -1.53 0.00 | 21.86 -1.50 0.00 | 19.53 -1.45 0.00 | 17.34 -1.28 0.00 | 17.17 -1.28 0.00 | 18.93 -1.36 0.00 | 20.74 -1.37 0.00 | 19.89 -1.41 0.00 | 17.48 -1.32 0.00 | 17.22 -1.16 0.00 | 17.07 -1.09 0.00 | 20.50 -1.19 0.00 | 22.30 -1.31 0.00 | 22.91 -1.30 0.00 | 22.31 -1.42 0.00 | 21.72 -1.19 0.00 | 31.37 -1.83 0.00 | 37.42 -2.09 0.00 | 34.97 -1.91 0.00 | 28.58 -1.76 0.00 | 34.65 -2.28 0.00 | 33.44 -1.99 0.00 | 25.28 -1.61 0.00 | 23.51 -1.69 0.00 |
| GLEN PARK___ 23778 | 22.52 -0.71 0.00 | 22.69 -0.67 0.00 | 20.35 -0.63 0.00 | 18.04 -0.57 0.00 | 18.02 -0.42 0.00 | 19.84 -0.46 0.00 | 21.66 -0.45 0.00 | 20.86 -0.45 0.00 | 18.29 -0.51 0.00 | 17.85 -0.53 0.00 | 17.67 -0.48 0.00 | 21.01 -0.68 0.00 | 22.90 -0.71 0.00 | 23.55 -0.67 0.00 | 23.09 -0.65 0.00 | 22.36 -0.55 0.00 | 33.04 -0.15 0.00 | 39.12 -0.38 0.00 | 36.90 0.02 0.00 | 30.56 0.21 0.00 | 37.56 0.62 0.00 | 35.80 0.37 0.00 | 27.15 0.26 0.00 | 25.31 0.11 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 24.36 1.13 0.00 | 24.32 0.95 0.00 | 21.81 0.83 0.00 | 19.39 0.77 0.00 | 19.16 0.72 0.00 | 20.96 0.67 0.00 | 22.85 0.74 0.00 | 22.09 0.78 0.00 | 19.63 0.84 0.00 | 19.24 0.87 0.00 | 19.14 0.99 0.00 | 22.91 1.22 0.00 | 25.09 1.49 0.00 | 25.75 1.54 0.00 | 25.37 1.64 0.00 | 24.66 1.75 0.00 | 35.71 2.52 0.00 | 42.60 3.10 0.00 | 39.56 2.68 0.00 | 32.49 2.14 0.00 | 39.47 2.54 0.00 | 37.74 2.31 0.00 | 28.64 1.75 0.00 | 26.63 1.43 0.00 |
| GLENWOOD_IC_1_G5 23712 | 24.48 1.25 0.00 | 24.42 1.06 0.00 | 21.88 0.90 0.00 | 19.42 0.81 0.00 | 19.22 0.77 0.00 | 21.06 0.77 0.00 | 22.94 0.83 0.00 | 22.16 0.85 0.00 | 19.75 0.95 0.00 | 21.56 1.03 -2.16 | 23.16 1.13 -3.87 | 31.94 1.40 -8.84 | 32.79 1.71 -7.48 | 32.07 1.75 -6.11 | 25.26 1.53 0.00 | 24.61 1.70 0.00 | 35.65 2.45 0.00 | 42.63 3.13 0.00 | 39.52 2.64 0.00 | 32.40 2.06 0.00 | 39.51 2.57 0.00 | 37.87 2.44 0.00 | 28.79 1.91 0.00 | 26.81 1.61 0.00 |
| GLENWOOD_IC_2_G1 23688 | 24.42 1.19 0.00 | 24.36 1.00 0.00 | 21.83 0.85 0.00 | 19.38 0.77 0.00 | 19.18 0.73 0.00 | 21.01 0.72 0.00 | 22.89 0.78 0.00 | 22.11 0.80 0.00 | 19.69 0.90 0.00 | 21.50 0.96 -2.16 | 23.10 1.07 -3.87 | 31.85 1.32 -8.84 | 32.69 1.61 -7.48 | 31.99 1.67 -6.11 | 25.31 1.58 0.00 | 24.64 1.73 0.00 | 35.71 2.51 0.00 | 42.70 3.20 0.00 | 39.60 2.71 0.00 | 32.46 2.12 0.00 | 39.57 2.63 0.00 | 37.75 2.32 0.00 | 28.71 1.82 0.00 | 26.73 1.53 0.00 |
| GLENWOOD_IC_3_G1 23689 | 24.42 1.19 0.00 | 24.36 1.00 0.00 | 21.83 0.85 0.00 | 19.38 0.77 0.00 | 19.18 0.73 0.00 | 21.01 0.72 0.00 | 22.89 0.78 0.00 | 22.11 0.80 0.00 | 19.69 0.90 0.00 | 21.50 0.96 -2.16 | 23.10 1.07 -3.87 | 31.85 1.32 -8.84 | 32.69 1.61 -7.48 | 31.99 1.67 -6.11 | 25.31 1.58 0.00 | 24.64 1.73 0.00 | 35.71 2.51 0.00 | 42.70 3.20 0.00 | 39.60 2.71 0.00 | 32.46 2.12 0.00 | 39.57 2.63 0.00 | 37.75 2.32 0.00 | 28.71 1.82 0.00 | 26.73 1.53 0.00 |
| GLENWOOD___4 23550 | 24.48 1.25 0.00 | 24.42 1.06 0.00 | 21.88 0.90 0.00 | 19.42 0.81 0.00 | 19.22 0.77 0.00 | 21.06 0.77 0.00 | 22.94 0.83 0.00 | 22.16 0.85 0.00 | 19.75 0.95 0.00 | 21.56 1.03 -2.16 | 23.16 1.13 -3.87 | 31.94 1.40 -8.84 | 32.79 1.71 -7.48 | 32.08 1.76 -6.11 | 25.33 1.59 0.00 | 24.66 1.75 0.00 | 35.74 2.55 0.00 | 42.74 3.24 0.00 | 39.62 2.74 0.00 | 32.48 2.13 0.00 | 39.59 2.66 0.00 | 37.87 2.44 0.00 | 28.79 1.91 0.00 | 26.81 1.61 0.00 |
| GLENWOOD___5 23614 | 24.48 1.25 0.00 | 24.42 1.06 0.00 | 21.88 0.90 0.00 | 19.42 0.81 0.00 | 19.22 0.77 0.00 | 21.06 0.77 0.00 | 22.94 0.83 0.00 | 22.16 0.85 0.00 | 19.75 0.95 0.00 | 21.56 1.03 -2.16 | 23.16 1.13 -3.87 | 31.94 1.40 -8.84 | 32.79 1.71 -7.48 | 32.08 1.76 -6.11 | 25.33 1.59 0.00 | 24.66 1.75 0.00 | 35.74 2.55 0.00 | 42.74 3.24 0.00 | 39.62 2.74 0.00 | 32.48 2.13 0.00 | 39.59 2.66 0.00 | 37.87 2.44 0.00 | 28.79 1.91 0.00 | 26.81 1.61 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 24.94 1.71 0.00 | 24.65 1.29 0.00 | 22.02 1.03 0.00 | 19.69 1.07 0.00 | 19.55 1.10 0.00 | 21.58 1.28 0.00 | 23.64 1.53 0.00 | 22.82 1.51 0.00 | 20.47 1.68 0.00 | 22.34 1.81 -2.16 | 23.93 1.90 -3.87 | 32.89 2.36 -8.84 | 33.78 2.70 -7.48 | 33.19 2.87 -6.11 | 26.54 2.80 0.00 | 25.96 3.05 0.00 | 37.47 4.28 0.00 | 44.97 5.46 0.00 | 41.54 4.66 0.00 | 33.94 3.59 0.00 | 41.43 4.49 0.00 | 39.05 3.62 0.00 | 29.75 2.86 0.00 | 27.54 2.34 0.00 |
| GLOBE___DSASP 323697 | 21.43 -1.81 0.00 | 21.66 -1.71 0.00 | 19.26 -1.72 0.00 | 17.14 -1.47 0.00 | 16.97 -1.47 0.00 | 18.77 -1.52 0.00 | 20.66 -1.45 0.00 | 19.70 -1.61 0.00 | 17.29 -1.51 0.00 | 17.19 -1.19 0.00 | 17.12 -1.03 0.00 | 20.66 -1.04 0.00 | 22.40 -1.20 0.00 | 22.98 -1.23 0.00 | 22.16 -1.57 0.00 | 21.57 -1.34 0.00 | 30.81 -2.39 0.00 | 36.48 -3.02 0.00 | 33.98 -2.90 0.00 | 27.72 -2.63 0.00 | 33.52 -3.42 0.00 | 32.81 -2.62 0.00 | 24.86 -2.03 0.00 | 23.19 -2.01 0.00 |
| GOETHSLN___LBMP 323567 | 24.09 0.86 0.00 | 24.05 0.68 0.00 | 21.57 0.59 0.00 | 19.16 0.55 0.00 | 18.96 0.51 0.00 | 20.74 0.45 0.00 | 22.61 0.50 0.00 | 21.85 0.55 0.00 | 19.41 0.61 0.00 | 19.01 0.64 0.00 | 18.90 0.74 0.00 | 22.60 0.91 0.00 | 24.75 1.15 0.00 | 25.41 1.20 0.00 | 25.05 1.31 0.00 | 24.35 1.44 0.00 | 35.28 2.08 0.00 | 42.05 2.55 0.00 | 39.04 2.17 0.00 | 32.07 1.73 0.00 | 38.98 2.04 0.00 | 37.23 1.80 0.00 | 28.27 1.38 0.00 | 26.31 1.11 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 22.64 -0.59 0.00 | 22.81 -0.55 0.00 | 20.34 -0.64 0.00 | 18.08 -0.54 0.00 | 17.88 -0.56 0.00 | 19.74 -0.55 0.00 | 21.66 -0.45 0.00 | 20.74 -0.57 0.00 | 18.19 -0.61 0.00 | 17.94 -0.44 0.00 | 17.79 -0.37 0.00 | 21.38 -0.32 0.00 | 23.23 -0.37 0.00 | 23.86 -0.34 0.00 | 23.20 -0.54 0.00 | 22.59 -0.32 0.00 | 32.62 -0.57 0.00 | 38.94 -0.56 0.00 | 36.46 -0.42 0.00 | 29.78 -0.56 0.00 | 36.09 -0.84 0.00 | 34.93 -0.50 0.00 | 26.39 -0.50 0.00 | 24.53 -0.67 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|
| GOODYEAR_LAKE_HYD 323669 | 23.88 0.65 0.00 | 23.94 0.58 0.00 | 21.45 0.47 0.00 | 19.02 0.41 0.00 | 18.83 0.38 0.00 | 20.72 0.43 0.00 | 22.65 0.53 0.00 | 21.82 0.51 0.00 | 19.24 0.45 0.00 | 18.85 0.47 0.00 | 18.66 0.50 0.00 | 22.32 0.62 0.00 | 24.37 0.77 0.00 | 25.03 0.82 0.00 | 24.54 0.80 0.00 | 23.77 0.86 0.00 | 34.53 1.33 0.00 | 41.20 1.69 0.00 | 38.50 1.62 0.00 | 31.64 1.30 0.00 | 38.41 1.47 0.00 | 36.81 1.38 0.00 | 27.86 0.97 0.00 | 25.96 0.76 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 23.10 -0.13 0.00 | 23.18 -0.18 0.00 | 20.79 -0.19 0.00 | 18.50 -0.11 0.00 | 18.29 -0.16 0.00 | 20.13 -0.16 0.00 | 22.00 -0.11 0.00 | 21.15 -0.16 0.00 | 18.65 -0.15 0.00 | 18.24 -0.13 0.00 | 18.06 -0.09 0.00 | 21.62 -0.08 0.00 | 23.62 0.01 0.00 | 24.25 0.04 0.00 | 23.69 -0.04 0.00 | 23.05 0.14 0.00 | 33.36 0.17 0.00 | 39.89 0.39 0.00 | 37.18 0.30 0.00 | 30.54 0.20 0.00 | 37.07 0.14 0.00 | 35.60 0.17 0.00 | 26.94 0.06 0.00 | 25.01 -0.18 0.00 |
| GOUDEY___7 23579 | 23.10 -0.13 0.00 | 23.18 -0.18 0.00 | 20.79 -0.19 0.00 | 18.50 -0.11 0.00 | 18.29 -0.16 0.00 | 20.13 -0.16 0.00 | 22.00 -0.11 0.00 | 21.15 -0.16 0.00 | 18.65 -0.15 0.00 | 18.24 -0.13 0.00 | 18.06 -0.09 0.00 | 21.62 -0.08 0.00 | 23.62 0.01 0.00 | 24.25 0.04 0.00 | 23.69 -0.04 0.00 | 23.05 0.14 0.00 | 33.36 0.17 0.00 | 39.89 0.39 0.00 | 37.18 0.30 0.00 | 30.54 0.20 0.00 | 37.07 0.14 0.00 | 35.60 0.17 0.00 | 26.94 0.06 0.00 | 25.01 -0.18 0.00 |
| GOUDEY___8 23580 | 23.10 -0.13 0.00 | 23.18 -0.18 0.00 | 20.79 -0.19 0.00 | 18.50 -0.11 0.00 | 18.29 -0.16 0.00 | 20.13 -0.16 0.00 | 22.00 -0.11 0.00 | 21.15 -0.16 0.00 | 18.65 -0.15 0.00 | 18.24 -0.13 0.00 | 18.06 -0.09 0.00 | 21.62 -0.08 0.00 | 23.62 0.01 0.00 | 24.25 0.04 0.00 | 23.69 -0.04 0.00 | 23.05 0.14 0.00 | 33.36 0.17 0.00 | 39.89 0.39 0.00 | 37.18 0.30 0.00 | 30.54 0.20 0.00 | 37.07 0.14 0.00 | 35.60 0.17 0.00 | 26.94 0.06 0.00 | 25.01 -0.18 0.00 |
| GOWANUS_GT1_1 24077 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.19 0.81 0.00 | 19.10 0.94 0.00 | 22.91 1.21 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.72 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| GOWANUS_GT1_2 24078 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.19 0.81 0.00 | 19.10 0.94 0.00 | 22.91 1.21 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.72 0.00 | 39.99 2.48 0.00 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| GOWANUS_GT1_3 24079 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.19 0.81 0.00 | 19.10 0.94 0.00 | 22.91 1.21 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.72 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| GOWANUS_GT1_4 24080 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0. | | | | | | | | | | | | | | | | | |

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|------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|
| GOWANUS_GT2_4 24117 | 24.36 <u>1.12</u> 0.00 | 24.30 <u>0.94</u> 0.00 | 21.80 <u>0.82</u> 0.00 | 19.36 <u>0.74</u> 0.00 | 19.12 <u>0.68</u> 0.00 | 20.92 <u>0.63</u> 0.00 | 22.81 <u>0.70</u> 0.00 | 22.05 <u>0.74</u> 0.00 | 19.59 <u>0.79</u> 0.00 | 19.20 <u>0.81</u> 0.00 | 19.10 <u>0.94</u> 0.00 | 22.90 <u>1.20</u> 0.00 | 25.11 <u>1.49</u> -0.01 | 25.76 <u>1.54</u> -0.01 | 25.37 <u>1.63</u> -0.01 | 24.64 <u>1.73</u> 0.00 | 39.99 <u>2.48</u> -4.32 | 42.55 <u>3.05</u> 0.00 | 39.49 <u>2.61</u> 0.00 | 32.45 <u>2.11</u> 0.00 | 39.39 <u>2.46</u> 0.00 | 37.72 <u>2.28</u> -0.01 | 28.65 <u>1.75</u> -0.01 | 26.64 <u>1.44</u> 0.00 |
| GOWANUS_GT2_5 24118 | 24.36 <u>1.12</u> 0.00 | 24.30 <u>0.94</u> 0.00 | 21.80 <u>0.82</u> 0.00 | 19.36 <u>0.74</u> 0.00 | 19.12 <u>0.68</u> 0.00 | 20.92 <u>0.63</u> 0.00 | 22.81 <u>0.70</u> 0.00 | 22.05 <u>0.74</u> 0.00 | 19.59 <u>0.79</u> 0.00 | 19.20 <u>0.81</u> 0.00 | 19.10 <u>0.94</u> 0.00 | 22.90 <u>1.20</u> 0.00 | 25.11 <u>1.49</u> -0.01 | 25.76 <u>1.54</u> -0.01 | 25.37 <u>1.63</u> -0.01 | 24.64 <u>1.73</u> 0.00 | 39.99 <u>2.48</u> -4.32 | 42.55 <u>3.05</u> 0.00 | 39.49 <u>2.61</u> 0.00 | 32.45 <u>2.11</u> 0.00 | 39.39 <u>2.46</u> 0.00 | 37.72 <u>2.28</u> -0.01 | 28.65 <u>1.75</u> -0.01 | 26.64 <u>1.44</u> 0.00 |
| GOWANUS_GT2_6 24119 | 24.36 <u>1.12</u> 0.00 | 24.30 <u>0.94</u> 0.00 | 21.80 <u>0.82</u> 0.00 | 19.36 <u>0.74</u> 0.00 | 19.12 <u>0.68</u> 0.00 | 20.92 <u>0.63</u> 0.00 | 22.81 <u>0.70</u> 0.00 | 22.05 <u>0.74</u> 0.00 | 19.59 <u>0.79</u> 0.00 | 19.20 <u>0.81</u> 0.00 | 19.10 <u>0.94</u> 0.00 | 22.90 <u>1.20</u> 0.00 | 25.11 <u>1.49</u> -0.01 | 25.76 <u>1.54</u> -0.01 | 25.37 <u>1.63</u> -0.01 | 24.64 <u>1.73</u> 0.00 | 39.99 <u>2.48</u> -4.32 | 42.55 <u>3.05</u> 0.00 | 39.49 <u>2.61</u> 0.00 | 32.45 <u>2.11</u> 0.00 | 39.39 <u>2.46</u> 0.00 | 37.72 <u>2.28</u> -0.01 | 28.65 <u>1.75</u> -0.01 | 26.64 <u>1.44</u> 0.00 |
| GOWANUS_GT2_7 24120 | 24.36 <u>1.12</u> 0.00 | 24.30 <u>0.94</u> 0.00 | 21.80 <u>0.82</u> 0.00 | 19.36 <u>0.74</u> 0.00 | 19.12 <u>0.68</u> 0.00 | 20.92 <u>0.63</u> 0.00 | 22.81 <u>0.70</u> 0.00 | 22.05 <u>0.74</u> 0.00 | 19.59 <u>0.79</u> 0.00 | 19.20 <u>0.81</u> 0.00 | 19.10 <u>0.94</u> 0.00 | 22.90 <u>1.20</u> 0.00 | 25.11 <u>1.49</u> -0.01 | 25.76 <u>1.54</u> -0.01 | 25.37 <u>1.63</u> -0.01 | 24.64 <u>1.73</u> 0.00 | 39.99 <u>2.48</u> -4.32 | 42.55 <u>3.05</u> 0.00 | 39.49 <u>2.61</u> 0.00 | 32.45 <u>2.11</u> 0.00 | 39.39 <u>2.46</u> 0.00 | 37.72 <u>2.28</u> -0.01 | 28.65 <u>1.75</u> -0.01 | 26.64 <u>1.44</u> 0.00 |
| GOWANUS_GT2_8 24121 | 24.36 <u>1.12</u> 0.00 | 24.30 <u>0.94</u> 0.00 | 21.80 <u>0.82</u> 0.00 | 19.36 <u>0.74</u> 0.00 | 19.12 <u>0.68</u> 0.00 | 20.92 <u>0.63</u> 0.00 | 22.81 <u>0.70</u> 0.00 | 22.05 <u>0.74</u> 0.00 | 19.59 <u>0.79</u> 0.00 | 19.20 <u>0.81</u> 0.00 | 19.10 <u>0.94</u> 0.00 | 22.90 <u>1.20</u> 0.00 | 25.11 <u>1.49</u> -0.01 | 25.76 <u>1.54</u> -0.01 | 25.37 <u>1.63</u> -0.01 | 24.64 <u>1.73</u> 0.00 | 39.99 <u>2.48</u> -4.32 | 42.55 <u>3.05</u> 0.00 | 39.49 <u>2.61</u> 0.00 | 32.45 <u>2.11</u> 0.00 | 39.39 <u>2.46</u> 0.00 | 37.72 <u>2.28</u> -0.01 | 28.65 <u>1.75</u> -0.01 | 26.64 <u>1.44</u> 0.00 |
| GOWANUS_GT3_1 24122 | 24.36 <u>1.12</u> 0.00 | 24.30 <u>0.94</u> 0.00 | 21.80 <u>0.82</u> 0.00 | 19.36 <u>0.74</u> 0.00 | 19.12 <u>0.68</u> 0.00 | 20.92 <u>0.63</u> 0.00 | 22.81 <u>0.70</u> 0.00 | 22.05 <u>0.74</u> 0.00 | 19.59 <u>0.79</u> 0.00 | 19.20 <u>0.81</u> 0.00 | 19.10 <u>0.94</u> 0.00 | 22.90 <u>1.20</u> 0.00 | 25.11 <u>1.49</u> -0.01 | 25.76 <u>1.54</u> -0.01 | 25.37 <u>1.63</u> -0.01 | 24.64 <u>1.73</u> 0.00 | 39.99 <u>2.48</u> -4.32 | 42.55 <u>3.05</u> 0.00 | 39.49 <u>2.61</u> 0.00 | 32.45 <u>2.11</u> 0.00 | 39.39 <u>2.46</u> 0.00 | 37.72 <u>2.28</u> -0.01 | 28.65 <u>1.75</u> -0.01 | 26.64 <u>1.44</u> 0.00 |
| GOWANUS_GT3_2 24123 | 24.36 <u></u> | | | | | | | | | | | | | | | | | | | | | | | |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_3 24132 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.19 0.81 0.00 | 19.10 0.94 0.00 | 22.91 1.21 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.72 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| GOWANUS_GT4_4 24133 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.19 0.81 0.00 | 19.10 0.94 0.00 | 22.91 1.21 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.72 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| GOWANUS_GT4_5 24134 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.19 0.81 0.00 | 19.10 0.94 0.00 | 22.91 1.21 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.72 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| GOWANUS_GT4_6 24135 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.19 0.81 0.00 | 19.10 0.94 0.00 | 22.91 1.21 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.72 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| GOWANUS_GT4_7 24136 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.19 0.81 0.00 | 19.10 0.94 0.00 | 22.91 1.21 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.72 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| GOWANUS_GT4_8 24137 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.19 0.81 0.00 | 19.10 0.94 0.00 | 22.91 1.21 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.72 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| GREENBSH_115KV_TB3 55895 | 23.34 0.10 0.00 | 23.50 0.14 0.00 | 21.29 0.30 0.00 | 18.93 0.32 0.00 | 18.76 0.31 0.00 | 20.55 0.27 0.00 | 22.26 0.15 0.00 | 21.54 0.23 0.00 | 18.99 0.19 0.00 | 18.46 0.08 0.00 | 18.21 0.05 0.00 | 21.75 0.06 0.00 | 23.62 0.02 0.00 | 24.21 0.00 0.00 | 23.83 0.09 0.00 | 23.13 0.22 0.00 | 33.43 0.24 0.00 | 39.94 0.43 0.00 | 37.35 0.47 0.00 | 30.80 0.46 0.00 | 37.58 0.64 0.00 | 35.91 0.48 0.00 | 27.24 0.36 0.00 | 25.37 0.18 0.00 |
| GREENIDGE_115KV_TB5 80291 | 23.03 -0.20 0.00 | 23.12 -0.24 0.00 | 20.69 -0.29 0.00 | 18.41 -0.21 0.00 | 18.20 -0.25 0.00 | 20.05 -0.23 0.00 | 21.99 -0.12 0.00 | 21.11 -0.20 0.00 | 18.53 -0.26 0.00 | 18.13 -0.24 0.00 | 17.92 -0.23 0.00 | 21.46 -0.23 0.00 | 23.42 -0.18 0.00 | 24.06 -0.15 0.00 | 23.44 -0.29 0.00 | 22.84 -0.08 0.00 | 33.01 -0.18 0.00 | 39.52 0.02 0.00 | 37.04 0.16 0.00 | 30.57 0.23 0.00 | 36.82 -0.12 0.00 | 35.59 0.16 0.00 | 26.96 0.07 0.00 | 24.96 -0.23 0.00 |
| GREENIDGE___3 23582 | 23.03 -0.20 0.00 | 23.12 -0.24 0.00 | 20.69 -0.29 0.00 | 18.41 -0.21 0.00 | 18.20 -0.25 0.00 | 20.05 -0.23 0.00 | 21.99 -0.12 0.00 | 21.11 -0.20 0.00 | 18.53 -0.26 0.00 | 18.13 -0.24 0.00 | 17.92 -0.23 0.00 | 21.46 -0.23 0.00 | 23.42 -0.18 0.00 | 24.06 -0.15 0.00 | 23.44 -0.29 0.00 | 22.84 -0.08 0.00 | 33.01 -0.18 0.00 | 39.52 0.02 0.00 | 37.04 0.16 0.00 | 30.57 0.23 0.00 | 36.82 -0.12 0.00 | 35.59 0.16 0.00 | 26.96 0.07 0.00 | 24.96 -0.23 0.00 |
| GREENIDGE___4 23583 | 23.03 -0.20 0.00 | 23.12 -0.24 0.00 | 20.69 -0.29 0.00 | 18.41 -0.21 0.00 | 18.20 -0.25 0.00 | 20.05 -0.23 0.00 | 21.99 -0.12 0.00 | 21.12 -0.19 0.00 | 18.53 -0.26 0.00 | 18.13 -0.25 0.00 | 17.92 -0.23 0.00 | 21.47 -0.23 0.00 | 23.42 -0.18 0.00 | 24.06 -0.15 0.00 | 23.44 -0.29 0.00 | 22.84 -0.07 0.00 | 33.01 -0.18 0.00 | 39.52 0.02 0.00 | 37.05 0.16 0.00 | 30.57 0.23 0.00 | 36.82 -0.12 0.00 | 35.59 0.16 0.00 | 26.96 0.08 0.00 | 24.96 -0.23 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 24.40 1.17 0.00 | 24.35 0.99 0.00 | 21.84 0.85 0.00 | 19.39 0.77 0.00 | 19.18 0.74 0.00 | 21.03 0.74 0.00 | 22.91 0.80 0.00 | 22.12 0.81 0.00 | 19.72 0.92 0.00 | 21.54 1.00 -2.16 | 23.10 1.08 -3.87 | 31.81 1.27 -8.84 | 32.62 1.53 -7.48 | 31.90 1.58 -6.11 | 25.27 1.54 0.00 | 24.63 1.72 0.00 | 35.68 2.48 0.00 | 42.70 3.19 0.00 | 39.56 2.68 0.00 | 32.47 2.13 0.00 | 39.61 2.67 0.00 | 37.58 2.15 0.00 | 28.62 1.73 0.00 | 26.68 1.49 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.19 0.81 0.00 | 19.10 0.94 0.00 | 22.91 1.21 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.72 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| GRISSOM___SOLAR 323813 | 24.44 1.21 0.00 | 24.52 1.16 0.00 | 21.97 0.99 0.00 | 19.48 0.86 0.00 | 19.29 0.85 0.00 | 21.22 0.93 0.00 | 23.16 1.04 0.00 | 22.11 0.80 0.00 | 19.06 0.26 0.00 | 18.44 0.06 0.00 | 18.16 0.00 0.00 | 21.70 0.01 0.00 | 23.64 0.04 0.00 | 24.28 0.07 0.00 | 23.89 0.15 0.00 | 23.16 0.25 0.00 | 33.68 0.48 0.00 | 40.53 1.03 0.00 | 38.62 1.73 0.00 | 32.20 1.86 0.00 | 39.23 2.30 0.00 | 37.62 2.19 0.00 | 28.48 1.59 0.00 | 26.54 1.34 0.00 |
| GROVEVILLE___HYD 323602 | 24.20 0.97 0.00 | 24.19 0.83 0.00 | 21.70 0.72 0.00 | 19.28 0.67 0.00 | 19.09 0.64 0.00 | 20.91 0.62 0.00 | 22.78 0.67 0.00 | 22.01 0.70 0.00 | 19.52 0.72 0.00 | 19.11 0.73 0.00 | 18.96 0.80 0.00 | 22.68 0.99 0.00 | 24.83 1.23 0.00 | 25.52 1.31 0.00 | 25.12 1.38 0.00 | 24.41 1.50 0.00 | 35.41 2.22 0.00 | 42.35 2.85 0.00 | 39.40 2.52 0.00 | 32.36 2.02 0.00 | 39.34 2.41 0.00 | 37.54 2.11 0.00 | 28.45 1.56 0.00 | 26.45 1.25 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 23.10 -0.13 0.00 | 23.24 -0.12 0.00 | 20.85 -0.13 0.00 | 18.52 -0.10 0.00 | 18.33 -0.12 0.00 | 20.17 -0.12 0.00 | 22.02 -0.10 0.00 | 21.20 -0.12 0.00 | 18.67 -0.13 0.00 | 18.26 -0.12 0.00 | 18.03 -0.13 0.00 | 21.52 -0.17 0.00 | 23.39 -0.21 0.00 | 24.00 -0.21 0.00 | 23.51 -0.22 0.00 | 22.83 -0.08 0.00 | 33.09 -0.11 0.00 | 39.52 0.02 0.00 | 36.96 0.08 0.00 | 30.38 0.03 0.00 | 36.90 -0.03 0.00 | 35.38 -0.05 0.00 | 26.78 -0.11 0.00 | 24.96 -0.24 0.00 |

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| HAMLTNNY_34_KV_TB 80303 | 23.10 -0.13 0.00 | 23.24 -0.13 0.00 | 20.84 -0.14 0.00 | 18.52 -0.10 0.00 | 18.31 -0.14 0.00 | 20.16 -0.12 0.00 | 22.00 -0.11 0.00 | 21.19 -0.12 0.00 | 18.66 -0.14 0.00 | 18.26 -0.12 0.00 | 18.03 -0.13 0.00 | 21.50 -0.19 0.00 | 23.39 -0.21 0.00 | 24.01 -0.20 0.00 | 23.50 -0.23 0.00 | 22.83 -0.08 0.00 | 33.10 -0.10 0.00 | 39.54 0.04 0.00 | 37.00 0.12 0.00 | 30.41 0.07 0.00 | 36.93 0.00 0.00 | 35.39 -0.04 0.00 | 26.80 -0.09 0.00 | 24.96 -0.23 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 22.62 -0.61 0.00 | 22.79 -0.57 0.00 | 20.46 -0.52 0.00 | 18.15 -0.47 0.00 | 18.20 -0.25 0.00 | 20.05 -0.24 0.00 | 21.87 -0.24 0.00 | 21.12 -0.19 0.00 | 18.56 -0.23 0.00 | 18.15 -0.23 0.00 | 17.94 -0.22 0.00 | 21.43 -0.27 0.00 | 23.34 -0.26 0.00 | 24.08 -0.13 0.00 | 23.56 -0.17 0.00 | 22.70 -0.21 0.00 | 33.13 -0.06 0.00 | 39.29 -0.21 0.00 | 36.90 0.02 0.00 | 30.48 0.13 0.00 | 37.30 0.36 0.00 | 35.78 0.35 0.00 | 27.12 0.23 0.00 | 25.41 0.22 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 23.19 -0.04 0.00 | 23.29 -0.07 0.00 | 21.00 0.02 0.00 | 18.69 0.08 0.00 | 18.49 0.04 0.00 | 20.28 -0.01 0.00 | 21.98 -0.13 0.00 | 21.12 -0.19 0.00 | 18.47 -0.33 0.00 | 17.87 -0.51 0.00 | 17.60 -0.56 0.00 | 21.07 -0.62 0.00 | 22.97 -0.63 0.00 | 23.58 -0.63 0.00 | 23.17 -0.57 0.00 | 22.55 -0.36 0.00 | 32.69 -0.50 0.00 | 39.34 -0.16 0.00 | 37.03 0.15 0.00 | 30.68 0.34 0.00 | 37.49 0.56 0.00 | 35.91 0.49 0.00 | 27.18 0.29 0.00 | 25.28 0.08 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 24.07 0.84 0.00 | 24.05 0.68 0.00 | 21.56 0.58 0.00 | 19.15 0.53 0.00 | 18.96 0.51 0.00 | 20.77 0.48 0.00 | 22.64 0.53 0.00 | 21.87 0.56 0.00 | 19.38 0.59 0.00 | 18.99 0.61 0.00 | 18.85 0.69 0.00 | 22.58 0.88 0.00 | 24.73 1.12 0.00 | 25.41 1.20 0.00 | 25.03 1.30 0.00 | 24.32 1.42 0.00 | 35.27 2.08 0.00 | 42.15 2.65 0.00 | 39.21 2.32 0.00 | 32.18 1.83 0.00 | 39.09 2.16 0.00 | 37.30 1.87 0.00 | 28.27 1.39 0.00 | 26.31 1.11 0.00 |
| HARSNRAD_115KV_TB1 81005 | 21.89 -1.34 0.00 | 22.10 -1.26 0.00 | 19.65 -1.33 0.00 | 17.49 -1.13 0.00 | 17.32 -1.13 0.00 | 19.15 -1.14 0.00 | 21.08 -1.03 0.00 | 20.10 -1.21 0.00 | 17.63 -1.16 0.00 | 17.51 -0.87 0.00 | 17.43 -0.72 0.00 | 21.03 -0.67 0.00 | 22.82 -0.78 0.00 | 23.43 -0.78 0.00 | 22.61 -1.12 0.00 | 22.05 -0.86 0.00 | 31.55 -1.65 0.00 | 37.44 -2.06 0.00 | 34.91 -1.97 0.00 | 28.47 -1.87 0.00 | 34.44 -2.50 0.00 | 33.65 -1.78 0.00 | 25.45 -1.43 0.00 | 23.70 -1.50 0.00 |
| HARZA MOOSE___RIVER 24016 | 23.11 -0.12 0.00 | 23.27 -0.09 0.00 | 20.90 -0.08 0.00 | 18.56 -0.06 0.00 | 18.46 0.01 0.00 | 20.30 0.01 0.00 | 22.12 0.00 0.00 | 21.32 0.00 0.00 | 18.75 -0.05 0.00 | 18.31 -0.07 0.00 | 18.09 -0.07 0.00 | 21.58 -0.12 0.00 | 23.53 -0.08 0.00 | 24.15 -0.07 0.00 | 23.69 -0.04 0.00 | 22.92 0.01 0.00 | 33.43 0.24 0.00 | 39.84 0.34 0.00 | 37.49 0.61 0.00 | 30.93 0.59 0.00 | 37.82 0.89 0.00 | 36.20 0.77 0.00 | 27.39 0.51 0.00 | 25.56 0.36 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 22.95 -0.28 0.00 | 23.10 -0.26 0.00 | 20.72 -0.27 0.00 | 18.40 -0.22 0.00 | 18.22 -0.23 0.00 | 20.03 -0.26 0.00 | 21.87 -0.24 0.00 | 21.05 -0.26 0.00 | 18.54 -0.26 0.00 | 18.14 -0.23 0.00 | 17.92 -0.24 0.00 | 21.40 -0.30 0.00 | 23.26 -0.35 0.00 | 23.86 -0.35 0.00 | 23.36 -0.37 0.00 | 22.68 -0.23 0.00 | 32.86 -0.33 0.00 | 39.24 -0.26 0.00 | 36.68 -0.21 0.00 | 30.13 -0.20 0.00 | 36.61 -0.33 0.00 | 35.12 -0.31 0.00 | 26.59 -0.29 0.00 | 24.79 -0.41 0.00 |
| HELLGATE_13_KV_LD 55870 | 24.26 1.03 0.00 | 24.21 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.88 0.59 0.00 | 22.76 0.65 0.00 | 22.01 0.70 0.00 | 19.54 0.75 0.00 | 19.15 0.78 0.00 | 19.06 0.90 0.00 | 22.79 1.09 0.00 | 24.96 1.36 0.00 | 25.61 1.40 0.00 | 25.24 1.50 0.00 | 24.52 1.61 0.00 | 35.51 2.31 0.00 | 42.36 2.85 0.00 | 39.34 2.46 0.00 | 32.31 1.96 0.00 | 39.25 2.32 0.00 | 37.53 2.10 0.00 | 28.48 1.60 0.00 | 26.49 1.29 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 24.26 1.03 0.00 | 24.21 0.85 0.00 | 21.72 0.74 0.00 | 19.32 0.70 0.00 | 19.09 0.64 0.00 | 20.88 0.59 0.00 | 22.76 0.65 0.00 | 22.01 0.70 0.00 | 19.54 0.75 0.00 | 19.15 0.78 0.00 | 19.06 0.90 0.00 | 22.79 1.09 0.00 | 24.96 1.36 0.00 | 25.61 1.40 0.00 | 25.24 1.50 0.00 | 24.52 1.61 0.00 | 35.51 2.31 0.00 | 42.36 2.85 0.00 | 39.34 2.46 0.00 | 32.31 1.96 0.00 | 39.25 2.32 0.00 | 37.53 2.10 0.00 | 28.48 1.60 0.00 | 26.49 1.29 0.00 |
| HEMPSTEAD____ 23647 | 24.37 1.14 0.00 | 24.31 0.95 0.00 | 21.79 0.80 0.00 | 19.34 0.72 0.00 | 19.13 0.69 0.00 | 20.97 0.68 0.00 | 22.84 0.73 0.00 | 22.06 0.75 0.00 | 19.67 0.87 0.00 | 21.47 0.94 -2.16 | 23.07 1.04 -3.87 | 31.81 1.28 -8.84 | 32.65 1.56 -7.48 | 31.92 1.60 -6.11 | 25.22 1.49 0.00 | 24.56 1.65 0.00 | 35.58 2.39 0.00 | 42.56 3.06 0.00 | 39.45 2.57 0.00 | 32.35 2.01 0.00 | 39.45 2.52 0.00 | 37.65 2.22 0.00 | 28.64 1.75 0.00 | 26.67 1.47 0.00 |
| HEWLETT_69_KV_BK3 55828 | 24.59 1.35 0.00 | 24.52 1.16 0.00 | 21.97 0.98 0.00 | 19.50 0.89 0.00 | 19.30 0.85 0.00 | 21.14 0.85 0.00 | 23.03 0.92 0.00 | 22.23 0.92 0.00 | 19.80 1.01 0.00 | 21.61 1.08 -2.16 | 23.23 1.21 -3.87 | 32.02 1.48 -8.84 | 32.88 1.80 -7.48 | 32.20 1.87 -6.11 | 25.54 1.80 0.00 | 24.87 1.96 0.00 | 36.01 2.82 0.00 | 43.09 3.58 0.00 | 39.92 3.04 0.00 | 32.74 2.40 0.00 | 39.87 2.93 0.00 | 38.01 2.57 0.00 | 28.91 2.02 0.00 | 26.93 1.74 0.00 |
| HICKLING___1 23621 | 22.91 -0.32 0.00 | 22.96 -0.40 0.00 | 20.56 -0.42 0.00 | 18.34 -0.28 0.00 | 18.10 -0.35 0.00 | 19.94 -0.35 0.00 | 21.87 -0.24 0.00 | 20.97 -0.34 0.00 | 18.45 -0.34 0.00 | 18.08 -0.30 0.00 | 17.93 -0.23 0.00 | 21.53 -0.17 0.00 | 23.55 -0.05 0.00 | 24.22 0.01 0.00 | 23.57 -0.17 0.00 | 23.00 0.09 0.00 | 33.23 0.04 0.00 | 39.85 0.34 0.00 | 37.09 0.21 0.00 | 30.42 0.08 0.00 | 36.82 -0.12 0.00 | 35.50 0.06 0.00 | 26.82 -0.07 0.00 | 24.79 -0.41 0.00 |
| HICKLING___2 23622 | 22.91 -0.32 0.00 | 22.96 -0.40 0.00 | 20.56 -0.42 0.00 | 18.34 -0.28 0.00 | 18.10 -0.35 0.00 | 19.94 -0.35 0.00 | 21.87 -0.24 0.00 | 20.97 -0.34 0.00 | 18.45 -0.34 0.00 | 18.08 -0.30 0.00 | 17.93 -0.23 0.00 | 21.53 -0.17 0.00 | 23.55 -0.05 0.00 | 24.22 0.01 0.00 | 23.57 -0.17 0.00 | 23.00 0.09 0.00 | 33.23 0.04 0.00 | 39.85 0.34 0.00 | 37.09 0.21 0.00 | 30.42 0.08 0.00 | 36.82 -0.12 0.00 | 35.50 0.06 0.00 | 26.82 -0.07 0.00 | 24.79 -0.41 0.00 |
| HIGH FALLS___HY 23754 | 24.01 0.78 0.00 | 23.95 0.59 0.00 | 21.42 0.44 0.00 | 19.02 0.40 0.00 | 18.82 0.38 0.00 | 20.62 0.33 0.00 | 22.51 0.40 0.00 | 21.74 0.43 0.00 | 19.30 0.50 0.00 | 18.92 0.54 0.00 | 18.77 0.61 0.00 | 22.42 0.73 0.00 | 24.60 0.99 0.00 | 25.30 1.09 0.00 | 24.92 1.18 0.00 | 24.22 1.31 0.00 | 35.20 2.00 0.00 | 42.16 2.65 0.00 | 39.23 2.35 0.00 | 32.21 1.87 0.00 | 39.12 2.19 0.00 | 37.30 1.87 0.00 | 28.28 1.40 0.00 | 26.30 1.10 0.00 |
| HIGH_RIVER___SOLAR 323847 | 23.99 0.76 0.00 | 24.08 0.72 0.00 | 21.62 0.64 0.00 | 19.19 0.58 0.00 | 19.01 0.56 0.00 | 20.89 0.59 0.00 | 22.74 0.63 0.00 | 21.82 0.51 0.00 | 19.04 0.24 0.00 | 18.45 0.07 0.00 | 18.15 -0.01 0.00 | 21.69 0.00 0.00 | 23.63 0.02 0.00 | 24.26 0.05 0.00 | 23.84 0.10 0.00 | 23.10 0.19 0.00 | 33.62 0.43 0.00 | 40.40 0.90 0.00 | 38.15 1.27 0.00 | 31.61 1.27 0.00 | 38.51 1.58 0.00 | 36.89 1.46 0.00 | 27.96 1.08 0.00 | 26.07 0.88 0.00 |

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| HILLBURN___GT 23639 | 24.02 0.79 0.00 | 23.99 0.63 0.00 | 21.51 0.53 0.00 | 19.10 0.49 0.00 | 18.91 0.47 0.00 | 20.71 0.42 0.00 | 22.58 0.47 0.00 | 21.81 0.50 0.00 | 19.36 0.56 0.00 | 18.96 0.59 0.00 | 18.84 0.68 0.00 | 22.55 0.86 0.00 | 24.70 1.10 0.00 | 25.37 1.16 0.00 | 25.00 1.26 0.00 | 24.29 1.38 0.00 | 35.21 2.01 0.00 | 42.05 2.55 0.00 | 39.08 2.20 0.00 | 32.08 1.74 0.00 | 38.98 2.04 0.00 | 37.19 1.76 0.00 | 28.21 1.32 0.00 | 26.27 1.07 0.00 |
| HILLSIDE_115KV_TB1 80332 | 22.63 -0.61 0.00 | 22.67 -0.69 0.00 | 20.33 -0.66 0.00 | 18.14 -0.48 0.00 | 17.88 -0.57 0.00 | 19.71 -0.58 0.00 | 21.60 -0.51 0.00 | 20.72 -0.59 0.00 | 18.25 -0.54 0.00 | 17.87 -0.50 0.00 | 17.74 -0.42 0.00 | 21.28 -0.41 0.00 | 23.30 -0.30 0.00 | 23.96 -0.24 0.00 | 23.32 -0.41 0.00 | 22.76 -0.15 0.00 | 32.88 -0.32 0.00 | 39.40 -0.11 0.00 | 36.60 -0.28 0.00 | 30.03 -0.31 0.00 | 36.37 -0.57 0.00 | 35.03 -0.40 0.00 | 26.47 -0.42 0.00 | 24.46 -0.74 0.00 |
| HISHELDN_WT_PWR 323625 | 22.24 -0.99 0.00 | 22.40 -0.97 0.00 | 19.96 -1.02 0.00 | 17.77 -0.85 0.00 | 17.57 -0.88 0.00 | 19.41 -0.87 0.00 | 21.35 -0.76 0.00 | 20.40 -0.91 0.00 | 17.91 -0.88 0.00 | 17.74 -0.64 0.00 | 17.65 -0.51 0.00 | 21.28 -0.41 0.00 | 23.13 -0.47 0.00 | 23.77 -0.44 0.00 | 22.99 -0.75 0.00 | 22.42 -0.49 0.00 | 32.15 -1.04 0.00 | 38.22 -1.28 0.00 | 35.62 -1.27 0.00 | 29.09 -1.25 0.00 | 35.19 -1.74 0.00 | 34.29 -1.14 0.00 | 25.92 -0.97 0.00 | 24.06 -1.13 0.00 |
| HOLTSVILLE_IC_1 23690 | 24.39 1.16 0.00 | 24.32 0.96 0.00 | 21.80 0.82 0.00 | 19.37 0.76 0.00 | 19.18 0.73 0.00 | 21.04 0.75 0.00 | 22.94 0.83 0.00 | 22.13 0.82 0.00 | 19.75 0.96 0.00 | 21.55 1.02 -2.16 | 23.09 1.06 -3.87 | 31.79 1.26 -8.84 | 32.63 1.55 -7.48 | 31.95 1.63 -6.11 | 25.35 1.61 0.00 | 24.72 1.82 0.00 | 35.76 2.56 0.00 | 42.84 3.34 0.00 | 39.69 2.81 0.00 | 32.59 2.25 0.00 | 39.81 2.87 0.00 | 37.65 2.22 0.00 | 28.69 1.81 0.00 | 26.69 1.49 0.00 |
| HOLTSVILLE_IC_10 23699 | 24.48 1.25 0.00 | 24.41 1.05 0.00 | 21.87 0.88 0.00 | 19.44 0.82 0.00 | 19.23 0.78 0.00 | 21.11 0.82 0.00 | 23.02 0.91 0.00 | 22.20 0.89 0.00 | 19.83 1.04 0.00 | 21.64 1.10 -2.16 | 23.17 1.14 -3.87 | 31.91 1.37 -8.84 | 32.79 1.70 -7.48 | 32.12 1.80 -6.11 | 25.52 1.78 0.00 | 24.91 2.00 0.00 | 36.01 2.81 0.00 | 43.18 3.67 0.00 | 39.99 3.11 0.00 | 32.81 2.47 0.00 | 40.07 3.14 0.00 | 37.89 2.46 0.00 | 28.85 1.97 0.00 | 26.82 1.63 0.00 |
| HOLTSVILLE_IC_2 23691 | 24.39 1.16 0.00 | 24.32 0.96 0.00 | 21.80 0.82 0.00 | 19.37 0.76 0.00 | 19.18 0.73 0.00 | 21.04 0.75 0.00 | 22.94 0.83 0.00 | 22.13 0.82 0.00 | 19.75 0.96 0.00 | 21.55 1.02 -2.16 | 23.09 1.06 -3.87 | 31.79 1.26 -8.84 | 32.63 1.55 -7.48 | 31.95 1.63 -6.11 | 25.35 1.61 0.00 | 24.72 1.82 0.00 | 35.76 2.56 0.00 | 42.84 3.34 0.00 | 39.69 2.81 0.00 | 32.59 2.25 0.00 | 39.81 2.87 0.00 | 37.65 2.22 0.00 | 28.69 1.81 0.00 | 26.69 1.49 0.00 |
| HOLTSVILLE_IC_3 23692 | 24.39 1.16 0.00 | 24.32 0.96 0.00 | 21.80 0.82 0.00 | 19.37 0.76 0.00 | 19.18 0.73 0.00 | 21.04 0.75 0.00 | 22.94 0.83 0.00 | 22.13 0.82 0.00 | 19.75 0.96 0.00 | 21.55 1.02 -2.16 | 23.09 1.06 -3.87 | 31.79 1.26 -8.84 | 32.63 1.55 -7.48 | 31.95 1.63 -6.11 | 25.35 1.61 0.00 | 24.72 1.82 0.00 | 35.76 2.56 0.00 | 42.84 3.34 0.00 | 39.69 2.81 0.00 | 32.59 2.25 0.00 | 39.81 2.87 0.00 | 37.65 2.22 0.00 | 28.69 1.81 0.00 | 26.69 1.49 0.00 |
| HOLTSVILLE_IC_4 23693 | 24.39 1.16 0.00 | 24.32 0.96 0.00 | 21.80 0.82 0.00 | 19.37 0.76 0.00 | 19.18 0.73 0.00 | 21.04 0.75 0.00 | 22.94 0.83 0.00 | 22.13 0.82 0.00 | 19.75 0.96 0.00 | 21.55 1.02 -2.16 | 23.09 1.06 -3.87 | 31.79 1.26 -8.84 | 32.63 1.55 -7.48 | 31.95 1.63 -6.11 | 25.35 1.61 0.00 | 24.72 1.82 0.00 | 35.76 2.56 0.00 | 42.84 3.34 0.00 | 39.69 2.81 0.00 | 32.59 2.25 0.00 | 39.81 2.87 0.00 | 37.65 2.22 0.00 | 28.69 1.81 0.00 | 26.69 1.49 0.00 |
| HOLTSVILLE_IC_5 23694 | 24.39 1.16 0.00 | 24.32 0.96 0.00 | 21.80 0.82 0.00 | 19.37 0.76 0.00 | 19.18 0.73 0.00 | 21.04 0.75 0.00 | 22.94 0.83 0.00 | 22.13 0.82 0.00 | 19.75 0.96 0.00 | 21.55 1.02 -2.16 | 23.09 1.06 -3.87 | 31.79 1.26 -8.84 | 32.63 1.55 -7.48 | 31.95 1.63 -6.11 | 25.35 1.61 0.00 | 24.72 1.82 0.00 | 35.76 2.56 0.00 | 42.84 3.34 0.00 | 39.69 2.81 0.00 | 32.59 2.25 0.00 | 39.81 2.87 0.00 | 37.65 2.22 0.00 | 28.69 1.81 0.00 | 26.69 1.49 0.00 |
| HOLTSVILLE_IC_6 23695 | 24.48 1.25 0.00 | 24.41 1.05 0.00 | 21.87 0.88 0.00 | 19.44 0.82 0.00 | 19.23 0.78 0.00 | 21.11 0.82 0.00 | 23.02 0.91 0.00 | 22.20 0.89 0.00 | 19.83 1.04 0.00 | 21.64 1.10 -2.16 | 23.17 1.14 -3.87 | 31.91 1.37 -8.84 | 32.79 1.70 -7.48 | 32.12 1.80 -6.11 | 25.52 1.78 0.00 | 24.91 2.00 0.00 | 36.01 2.81 0.00 | 43.18 3.67 0.00 | 39.99 3.11 0.00 | 32.81 2.47 0.00 | 40.07 3.14 0.00 | 37.89 2.46 0.00 | 28.85 1.97 0.00 | 26.82 1.63 0.00 |
| HOLTSVILLE_IC_7 23696 | 24.48 1.25 0.00 | 24.41 1.05 0.00 | 21.87 0.88 0.00 | 19.44 0.82 0.00 | 19.23 0.78 0.00 | 21.11 0.82 0.00 | 23.02 0.91 0.00 | 22.20 0.89 0.00 | 19.83 1.04 0.00 | 21.64 1.10 -2.16 | 23.17 1.14 -3.87 | 31.91 1.37 -8.84 | 32.79 1.70 -7.48 | 32.12 1.80 -6.11 | 25.52 1.78 0.00 | 24.91 2.00 0.00 | 36.01 2.81 0.00 | 43.18 3.67 0.00 | 39.99 3.11 0.00 | 32.81 2.47 0.00 | 40.07 3.14 0.00 | 37.89 2.46 0.00 | 28.85 1.97 0.00 | 26.82 1.63 0.00 |
| HOLTSVILLE_IC_8 23697 | 24.48 1.25 0.00 | 24.41 1.05 0.00 | 21.87 0.88 0.00 | 19.44 0.82 0.00 | 19.23 0.78 0.00 | 21.11 0.82 0.00 | 23.02 0.91 0.00 | 22.20 0.89 0.00 | 19.83 1.04 0.00 | 21.64 1.10 -2.16 | 23.17 1.14 -3.87 | 31.91 1.37 -8.84 | 32.79 1.70 -7.48 | 32.12 1.80 -6.11 | 25.52 1.78 0.00 | 24.91 2.00 0.00 | 36.01 2.81 0.00 | 43.18 3.67 0.00 | 39.99 3.11 0.00 | 32.81 2.47 0.00 | 40.07 3.14 0.00 | 37.89 2.46 0.00 | 28.85 1.97 0.00 | 26.82 1.63 0.00 |
| HOLTSVILLE_IC_9 23698 | 24.48 1.25 0.00 | 24.41 1.05 0.00 | 21.87 0.88 0.00 | 19.44 0.82 0.00 | 19.23 0.78 0.00 | 21.11 0.82 0.00 | 23.02 0.91 0.00 | 22.20 0.89 0.00 | 19.83 1.04 0.00 | 21.64 1.10 -2.16 | 23.17 1.14 -3.87 | 31.91 1.37 -8.84 | 32.79 1.70 -7.48 | 32.12 1.80 -6.11 | 25.52 1.78 0.00 | 24.91 2.00 0.00 | 36.01 2.81 0.00 | 43.18 3.67 0.00 | 39.99 3.11 0.00 | 32.81 2.47 0.00 | 40.07 3.14 0.00 | 37.89 2.46 0.00 | 28.85 1.97 0.00 | 26.82 1.63 0.00 |
| HOMER_HL_115KV_TB2 355744 | 22.79 -0.45 0.00 | 22.88 -0.48 0.00 | 20.41 -0.57 0.00 | 18.20 -0.42 0.00 | 17.97 -0.47 0.00 | 19.85 -0.45 0.00 | 21.81 -0.31 0.00 | 20.87 -0.44 0.00 | 18.36 -0.44 0.00 | 18.18 -0.20 0.00 | 18.01 -0.15 0.00 | 21.63 -0.06 0.00 | 23.65 0.04 0.00 | 24.27 0.06 0.00 | 23.48 -0.26 0.00 | 22.93 0.02 0.00 | 33.07 -0.12 0.00 | 39.43 -0.08 0.00 | 36.67 -0.21 0.00 | 29.94 -0.40 0.00 | 36.21 -0.72 0.00 | 35.02 -0.41 0.00 | 26.50 -0.39 0.00 | 24.48 -0.71 0.00 |
| HOWARD_WT_PWR 323690 | 23.80 0.58 0.00 | 23.87 0.51 0.00 | 21.33 0.34 0.00 | 18.98 0.37 0.00 | 18.77 0.32 0.00 | 20.70 0.41 0.00 | 22.77 0.66 0.00 | 21.89 0.58 0.00 | 19.17 0.37 0.00 | 18.78 0.41 0.00 | 18.56 0.40 0.00 | 22.26 0.57 0.00 | 24.43 0.82 0.00 | 25.01 0.80 0.00 | 24.27 0.54 0.00 | 23.60 0.69 0.00 | 34.28 1.09 0.00 | 41.14 1.64 0.00 | 38.81 1.93 0.00 | 31.85 1.50 0.00 | 38.29 1.35 0.00 | 36.90 1.47 0.00 | 28.12 1.24 0.00 | 25.86 0.67 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_CEDARS 23644 | 23.34 0.11 0.00 | 23.51 0.15 0.00 | 21.09 0.10 0.00 | 18.68 0.06 0.00 | 18.61 0.16 0.00 | 20.53 0.24 0.00 | 22.41 0.30 0.00 | 21.63 0.31 0.00 | 19.05 0.26 0.00 | 18.64 0.27 0.00 | 18.42 0.26 0.00 | 22.05 0.36 0.00 | 24.00 0.40 0.00 | 24.62 0.41 0.00 | 24.07 0.33 0.00 | 23.05 0.14 0.00 | 33.45 0.26 0.00 | 39.53 0.03 0.00 | 36.89 0.01 0.00 | 30.37 0.03 0.00 | 37.00 0.07 0.00 | 35.65 0.22 0.00 | 27.08 0.19 0.00 | 25.56 0.36 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 23.34 0.11 0.00 | 23.51 0.15 0.00 | 21.09 0.10 0.00 | 18.68 0.06 0.00 | 18.61 0.16 0.00 | 20.53 0.24 0.00 | 22.41 0.30 0.00 | 21.63 0.31 0.00 | 19.05 0.26 0.00 | 18.64 0.27 0.00 | 18.42 0.26 0.00 | 22.05 0.36 0.00 | 24.00 0.40 0.00 | 24.62 0.41 0.00 | 24.15 0.33 -0.08 | 22.78 0.14 0.27 | 33.45 0.26 0.00 | 39.53 0.03 0.00 | 36.89 0.01 0.00 | 30.37 0.03 0.00 | 37.00 0.07 0.00 | 35.65 0.22 0.00 | 27.08 0.20 0.00 | 25.56 0.36 0.00 |
| HQ_GEN_IMPORT 323601 | 23.30 0.07 0.00 | 23.45 0.09 0.00 | 21.05 0.06 0.00 | 18.63 0.02 0.00 | 18.49 0.04 0.00 | 20.38 0.09 0.00 | 22.23 0.12 0.00 | 21.43 0.12 0.00 | 18.90 0.10 0.00 | 18.49 0.11 0.00 | 18.27 0.11 0.00 | 21.84 0.15 0.00 | 23.77 0.16 0.00 | 24.37 0.16 0.00 | 24.15 0.13 -0.30 | 22.55 -0.04 0.31 | 33.16 -0.03 0.00 | 39.29 -0.21 0.00 | 36.65 -0.23 0.00 | 30.14 -0.20 0.00 | 36.70 -0.24 0.00 | 35.29 -0.14 0.00 | 26.81 -0.08 0.00 | 25.30 0.10 0.00 |
| HQ_GEN_WHEEL 23651 | 23.30 0.07 0.00 | 23.45 0.09 0.00 | 21.05 0.06 0.00 | 18.63 0.02 0.00 | 18.49 0.04 0.00 | 20.38 0.09 0.00 | 22.23 0.12 0.00 | 21.43 0.12 0.00 | 18.90 0.10 0.00 | 18.49 0.11 0.00 | 18.27 0.11 0.00 | 21.84 0.15 0.00 | 23.77 0.16 0.00 | 24.37 0.16 0.00 | 24.15 0.13 -0.30 | 22.55 -0.04 0.31 | 33.16 -0.03 0.00 | 39.29 -0.21 0.00 | 36.65 -0.23 0.00 | 30.14 -0.20 0.00 | 36.70 -0.24 0.00 | 35.29 -0.14 0.00 | 26.81 -0.08 0.00 | 25.30 0.10 0.00 |
| HUDSON AVE_GT_3 23810 | 24.24 1.01 0.00 | 24.20 0.84 0.00 | 21.71 0.73 0.00 | 19.30 0.68 0.00 | 19.09 0.64 0.00 | 20.88 0.59 0.00 | 22.76 0.64 0.00 | 21.99 0.68 0.00 | 19.54 0.75 0.00 | 19.15 0.77 0.00 | 19.05 0.89 0.00 | 22.78 1.09 0.00 | 24.96 1.35 0.00 | 25.61 1.40 0.00 | 25.24 1.50 0.00 | 24.53 1.62 0.00 | 35.53 2.33 0.00 | 42.39 2.89 0.00 | 39.35 2.47 0.00 | 32.31 1.96 0.00 | 39.27 2.34 0.00 | 37.51 2.08 0.00 | 28.48 1.59 0.00 | 26.50 1.30 0.00 |
| HUDSON AVE_GT_4 23540 | 24.24 1.01 0.00 | 24.20 0.84 0.00 | 21.71 0.73 0.00 | 19.30 0.68 0.00 | 19.09 0.64 0.00 | 20.88 0.59 0.00 | 22.76 0.64 0.00 | 21.99 0.68 0.00 | 19.54 0.75 0.00 | 19.15 0.77 0.00 | 19.05 0.89 0.00 | 22.78 1.09 0.00 | 24.96 1.35 0.00 | 25.61 1.40 0.00 | 25.24 1.50 0.00 | 24.53 1.62 0.00 | 35.53 2.33 0.00 | 42.39 2.89 0.00 | 39.35 2.47 0.00 | 32.31 1.96 0.00 | 39.27 2.34 0.00 | 37.51 2.08 0.00 | 28.48 1.59 0.00 | 26.50 1.30 0.00 |
| HUDSON AVE_GT_5 23657 | 24.24 1.01 0.00 | 24.20 0.84 0.00 | 21.71 0.73 0.00 | 19.30 0.68 0.00 | 19.09 0.64 0.00 | 20.88 0.59 0.00 | 22.76 0.64 0.00 | 21.99 0.68 0.00 | 19.54 0.75 0.00 | 19.15 0.77 0.00 | 19.05 0.89 0.00 | 22.78 1.09 0.00 | 24.96 1.35 0.00 | 25.61 1.40 0.00 | 25.24 1.50 0.00 | 24.53 1.62 0.00 | 35.53 2.33 0.00 | 42.39 2.89 0.00 | 39.35 2.47 0.00 | 32.31 1.96 0.00 | 39.27 2.34 0.00 | 37.51 2.08 0.00 | 28.48 1.59 0.00 | 26.50 1.30 0.00 |
| HUDSON_AVE_10 24168 | 24.17 0.94 0.00 | 24.13 0.76 0.00 | 21.65 0.67 0.00 | 19.25 0.63 0.00 | 19.03 0.58 0.00 | 20.82 0.53 0.00 | 22.69 0.58 0.00 | 21.94 0.63 0.00 | 19.49 0.69 0.00 | 19.10 0.72 0.00 | 18.99 0.84 0.00 | 22.72 1.02 0.00 | 24.89 1.28 0.00 | 25.53 1.31 0.00 | 25.15 1.42 0.00 | 24.45 1.54 0.00 | 35.41 2.22 0.00 | 42.24 2.74 0.00 | 39.23 2.35 0.00 | 32.20 1.86 0.00 | 39.15 2.21 0.00 | 37.40 1.97 0.00 | 28.40 1.52 0.00 | 26.42 1.22 0.00 |
| HUDSON___115KV_TB 4 355613 | 23.82 0.59 0.00 | 23.96 0.60 0.00 | 21.69 0.71 0.00 | 19.29 0.68 0.00 | 19.11 0.66 0.00 | 20.96 0.67 0.00 | 22.71 0.59 0.00 | 21.94 0.63 0.00 | 19.30 0.51 0.00 | 18.70 0.32 0.00 | 18.39 0.24 0.00 | 21.95 0.25 0.00 | 23.83 0.23 0.00 | 24.47 0.26 0.00 | 24.08 0.34 0.00 | 23.40 0.49 0.00 | 33.92 0.73 0.00 | 40.71 1.21 0.00 | 38.29 1.40 0.00 | 31.62 1.28 0.00 | 38.57 1.64 0.00 | 36.84 1.41 0.00 | 27.88 1.00 0.00 | 25.91 0.72 0.00 |
| HUNTER MOUNT___DRP 323613 | 23.92 0.69 0.00 | 24.08 0.72 0.00 | 21.81 0.83 0.00 | 19.40 0.78 0.00 | 19.22 0.77 0.00 | 21.08 0.80 0.00 | 22.84 0.73 0.00 | 22.07 0.76 0.00 | 19.39 0.59 0.00 | 18.73 0.35 0.00 | 18.40 0.24 0.00 | 21.95 0.25 0.00 | 23.81 0.20 0.00 | 24.47 0.26 0.00 | 24.07 0.33 0.00 | 23.40 0.49 0.00 | 33.94 0.75 0.00 | 40.78 1.28 0.00 | 38.47 1.59 0.00 | 31.79 1.45 0.00 | 38.79 1.86 0.00 | 37.04 1.61 0.00 | 28.02 1.13 0.00 | 26.03 0.83 0.00 |
| HUNTINGTON_RES_REC 323705 | 24.44 1.20 0.00 | 24.38 1.01 0.00 | 21.85 0.86 0.00 | 19.41 0.79 0.00 | 19.20 0.75 0.00 | 21.06 0.77 0.00 | 22.95 0.84 0.00 | 22.16 0.85 0.00 | 19.77 0.98 0.00 | 21.59 1.05 -2.16 | 23.14 1.11 -3.87 | 31.87 1.34 -8.84 | 32.72 1.64 -7.48 | 32.05 1.73 -6.11 | 25.44 1.70 0.00 | 24.81 1.91 0.00 | 35.89 2.70 0.00 | 43.01 3.51 0.00 | 39.84 2.96 0.00 | 32.69 2.35 0.00 | 39.91 2.98 0.00 | 37.76 2.33 0.00 | 28.75 1.87 0.00 | 26.78 1.58 0.00 |
| HUNTLEY___63 23557 | 22.02 -1.21 0.00 | 22.22 -1.14 0.00 | 19.76 -1.22 0.00 | 17.58 -1.03 0.00 | 17.40 -1.04 0.00 | 19.25 -1.05 0.00 | 21.18 -0.93 0.00 | 20.20 -1.11 0.00 | 17.74 -1.05 0.00 | 17.62 -0.75 0.00 | 17.56 -0.60 0.00 | 21.19 -0.50 0.00 | 23.02 -0.59 0.00 | 23.63 -0.58 0.00 | 22.82 -0.91 0.00 | 22.25 -0.66 0.00 | 31.83 -1.36 0.00 | 37.76 -1.75 0.00 | 35.19 -1.69 0.00 | 28.68 -1.67 0.00 | 34.67 -2.27 0.00 | 33.88 -1.55 0.00 | 25.62 -1.27 0.00 | 23.84 -1.36 0.00 |
| HUNTLEY___64 23558 | 22.02 -1.21 0.00 | 22.22 -1.14 0.00 | 19.76 -1.22 0.00 | 17.58 -1.03 0.00 | 17.40 -1.04 0.00 | 19.25 -1.05 0.00 | 21.18 -0.93 0.00 | 20.20 -1.11 0.00 | 17.74 -1.05 0.00 | 17.62 -0.75 0.00 | 17.56 -0.60 0.00 | 21.19 -0.50 0.00 | 23.02 -0.59 0.00 | 23.63 -0.58 0.00 | 22.82 -0.91 0.00 | 22.25 -0.66 0.00 | 31.83 -1.36 0.00 | 37.76 -1.75 0.00 | 35.19 -1.69 0.00 | 28.68 -1.67 0.00 | 34.67 -2.27 0.00 | 33.88 -1.55 0.00 | 25.62 -1.27 0.00 | 23.84 -1.36 0.00 |
| HUNTLEY___65 23559 | 22.02 -1.21 0.00 | 22.22 -1.14 0.00 | 19.76 -1.22 0.00 | 17.58 -1.03 0.00 | 17.40 -1.04 0.00 | 19.25 -1.05 0.00 | 21.18 -0.93 0.00 | 20.20 -1.11 0.00 | 17.74 -1.05 0.00 | 17.62 -0.75 0.00 | 17.56 -0.60 0.00 | 21.19 -0.50 0.00 | 23.02 -0.59 0.00 | 23.63 -0.58 0.00 | 22.82 -0.91 0.00 | 22.25 -0.66 0.00 | 31.83 -1.36 0.00 | 37.76 -1.75 0.00 | 35.19 -1.69 0.00 | 28.68 -1.67 0.00 | 34.67 -2.27 0.00 | 33.88 -1.55 0.00 | 25.62 -1.27 0.00 | 23.84 -1.36 0.00 |
| HUNTLEY___66 23560 | 22.02 -1.21 0.00 | 22.22 -1.14 0.00 | 19.76 -1.22 0.00 | 17.58 -1.03 0.00 | 17.40 -1.04 0.00 | 19.25 -1.05 0.00 | 21.18 -0.93 0.00 | 20.20 -1.11 0.00 | 17.74 -1.05 0.00 | 17.62 -0.75 0.00 | 17.56 -0.60 0.00 | 21.19 -0.50 0.00 | 23.02 -0.59 0.00 | 23.63 -0.58 0.00 | 22.82 -0.91 0.00 | 22.25 -0.66 0.00 | 31.83 -1.36 0.00 | 37.76 -1.75 0.00 | 35.19 -1.69 0.00 | 28.68 -1.67 0.00 | 34.67 -2.27 0.00 | 33.88 -1.55 0.00 | 25.62 -1.27 0.00 | 23.84 -1.36 0.00 |

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| HUNTLEY___67 23561 | 21.92 -1.32 0.00 | 22.12 -1.24 0.00 | 19.68 -1.31 0.00 | 17.52 -1.10 0.00 | 17.33 -1.12 0.00 | 19.16 -1.13 0.00 | 21.08 -1.03 0.00 | 20.12 -1.19 0.00 | 17.67 -1.13 0.00 | 17.54 -0.83 0.00 | 17.48 -0.68 0.00 | 21.08 -0.62 0.00 | 22.89 -0.72 0.00 | 23.50 -0.71 0.00 | 22.68 -1.05 0.00 | 22.09 -0.82 0.00 | 31.63 -1.57 0.00 | 37.52 -1.99 0.00 | 34.96 -1.92 0.00 | 28.51 -1.84 0.00 | 34.50 -2.43 0.00 | 33.70 -1.73 0.00 | 25.49 -1.39 0.00 | 23.72 -1.48 0.00 |
| HUNTLEY___68 23562 | 21.92 -1.32 0.00 | 22.12 -1.24 0.00 | 19.68 -1.31 0.00 | 17.52 -1.10 0.00 | 17.33 -1.12 0.00 | 19.16 -1.13 0.00 | 21.08 -1.03 0.00 | 20.12 -1.19 0.00 | 17.67 -1.13 0.00 | 17.54 -0.83 0.00 | 17.48 -0.68 0.00 | 21.08 -0.62 0.00 | 22.89 -0.72 0.00 | 23.50 -0.71 0.00 | 22.68 -1.05 0.00 | 22.09 -0.82 0.00 | 31.63 -1.57 0.00 | 37.52 -1.99 0.00 | 34.96 -1.92 0.00 | 28.51 -1.84 0.00 | 34.50 -2.43 0.00 | 33.70 -1.73 0.00 | 25.49 -1.39 0.00 | 23.72 -1.48 0.00 |
| HYLAND___LFGE 323620 | 23.44 0.21 0.00 | 23.53 0.17 0.00 | 21.00 0.01 0.00 | 18.67 0.06 0.00 | 18.46 0.02 0.00 | 20.38 0.09 0.00 | 22.40 0.28 0.00 | 21.45 0.13 0.00 | 18.61 -0.19 0.00 | 18.10 -0.28 0.00 | 17.96 -0.20 0.00 | 21.62 -0.07 0.00 | 23.53 -0.08 0.00 | 24.16 -0.05 0.00 | 23.47 -0.26 0.00 | 22.88 -0.03 0.00 | 33.00 -0.20 0.00 | 39.43 -0.07 0.00 | 37.75 0.87 0.00 | 30.89 0.55 0.00 | 37.69 0.75 0.00 | 36.55 1.12 0.00 | 27.52 0.63 0.00 | 25.46 0.26 0.00 |
| INDECK___CORINTH 23802 | 24.57 1.34 0.00 | 24.59 1.23 0.00 | 22.17 1.19 0.00 | 19.71 1.09 0.00 | 19.42 0.98 0.00 | 21.33 1.04 0.00 | 23.17 1.05 0.00 | 22.20 0.89 0.00 | 19.52 0.72 0.00 | 18.97 0.59 0.00 | 18.68 0.53 0.00 | 22.34 0.64 0.00 | 24.38 0.78 0.00 | 25.03 0.82 0.00 | 24.63 0.89 0.00 | 23.93 1.02 0.00 | 34.84 1.64 0.00 | 41.97 2.46 0.00 | 39.52 2.64 0.00 | 32.69 2.34 0.00 | 39.80 2.87 0.00 | 37.93 2.49 0.00 | 28.86 1.97 0.00 | 26.82 1.62 0.00 |
| INDECK___ILION 23567 | 23.22 -0.01 0.00 | 23.33 -0.03 0.00 | 21.01 0.02 0.00 | 18.67 0.06 0.00 | 18.48 0.04 0.00 | 20.29 0.00 0.00 | 22.04 -0.07 0.00 | 21.22 -0.09 0.00 | 18.63 -0.16 0.00 | 18.12 -0.26 0.00 | 17.87 -0.29 0.00 | 21.37 -0.33 0.00 | 23.27 -0.33 0.00 | 23.89 -0.32 0.00 | 23.45 -0.29 0.00 | 22.75 -0.16 0.00 | 32.98 -0.21 0.00 | 39.50 0.00 0.00 | 37.04 0.16 0.00 | 30.60 0.26 0.00 | 37.33 0.39 0.00 | 35.75 0.32 0.00 | 27.09 0.20 0.00 | 25.26 0.06 0.00 |
| INDECK___OLEAN 23982 | 22.79 -0.44 0.00 | 22.88 -0.49 0.00 | 20.41 -0.57 0.00 | 18.20 -0.42 0.00 | 17.97 -0.47 0.00 | 19.84 -0.45 0.00 | 21.81 -0.30 0.00 | 20.88 -0.43 0.00 | 18.36 -0.43 0.00 | 18.18 -0.20 0.00 | 18.02 -0.14 0.00 | 21.65 -0.04 0.00 | 23.65 0.04 0.00 | 24.27 0.07 0.00 | 23.48 -0.26 0.00 | 22.94 0.03 0.00 | 33.07 -0.12 0.00 | 39.43 -0.07 0.00 | 36.67 -0.21 0.00 | 29.94 -0.40 0.00 | 36.21 -0.73 0.00 | 35.02 -0.41 0.00 | 26.50 -0.38 0.00 | 24.48 -0.71 0.00 |
| INDECK___OSWEGO 23783 | 22.68 -0.55 0.00 | 22.84 -0.52 0.00 | 20.50 -0.49 0.00 | 18.20 -0.41 0.00 | 18.03 -0.41 0.00 | 19.83 -0.46 0.00 | 21.64 -0.48 0.00 | 20.83 -0.47 0.00 | 18.35 -0.45 0.00 | 17.94 -0.43 0.00 | 17.72 -0.44 0.00 | 21.11 -0.58 0.00 | 22.90 -0.70 0.00 | 23.49 -0.72 0.00 | 23.02 -0.71 0.00 | 22.32 -0.59 0.00 | 32.37 -0.83 0.00 | 38.61 -0.89 0.00 | 36.11 -0.77 0.00 | 29.70 -0.64 0.00 | 36.14 -0.79 0.00 | 34.65 -0.78 0.00 | 26.25 -0.63 0.00 | 24.51 -0.69 0.00 |
| INDECK___YERKES 23781 | 22.04 -1.19 0.00 | 22.24 -1.13 0.00 | 19.78 -1.20 0.00 | 17.60 -1.02 0.00 | 17.42 -1.03 0.00 | 19.27 -1.03 0.00 | 21.20 -0.91 0.00 | 20.23 -1.08 0.00 | 17.76 -1.04 0.00 | 17.64 -0.74 0.00 | 17.58 -0.58 0.00 | 21.23 -0.46 0.00 | 23.04 -0.56 0.00 | 23.65 -0.56 0.00 | 22.85 -0.89 0.00 | 22.28 -0.63 0.00 | 31.86 -1.33 0.00 | 37.80 -1.71 0.00 | 35.22 -1.66 0.00 | 28.70 -1.64 0.00 | 34.70 -2.23 0.00 | 33.91 -1.52 0.00 | 25.64 -1.25 0.00 | 23.85 -1.34 0.00 |
| INDIAN POINT_GT_1 24139 | 24.02 0.78 0.00 | 24.00 0.64 0.00 | 21.53 0.55 0.00 | 19.13 0.51 0.00 | 18.93 0.49 0.00 | 20.73 0.44 0.00 | 22.59 0.47 0.00 | 21.82 0.51 0.00 | 19.36 0.57 0.00 | 18.97 0.59 0.00 | 18.84 0.68 0.00 | 22.53 0.84 0.00 | 24.67 1.07 0.00 | 25.33 1.12 0.00 | 24.94 1.21 0.00 | 24.23 1.32 0.00 | 35.11 1.91 0.00 | 41.93 2.43 0.00 | 38.97 2.09 0.00 | 32.02 1.67 0.00 | 38.94 2.01 0.00 | 37.16 1.73 0.00 | 28.20 1.32 0.00 | 26.25 1.05 0.00 |
| INDIAN POINT_GT_2 23659 | 24.02 0.78 0.00 | 24.00 0.64 0.00 | 21.53 0.55 0.00 | 19.13 0.51 0.00 | 18.93 0.49 0.00 | 20.73 0.44 0.00 | 22.59 0.47 0.00 | 21.82 0.51 0.00 | 19.36 0.57 0.00 | 18.97 0.59 0.00 | 18.84 0.68 0.00 | 22.53 0.84 0.00 | 24.67 1.07 0.00 | 25.33 1.12 0.00 | 24.94 1.21 0.00 | 24.23 1.32 0.00 | 35.11 1.91 0.00 | 41.93 2.43 0.00 | 38.97 2.09 0.00 | 32.02 1.67 0.00 | 38.94 2.01 0.00 | 37.16 1.73 0.00 | 28.20 1.32 0.00 | 26.25 1.05 0.00 |
| INDIAN POINT_GT_3 24019 | 24.02 0.78 0.00 | 24.00 0.64 0.00 | 21.53 0.55 0.00 | 19.13 0.51 0.00 | 18.93 0.49 0.00 | 20.73 0.44 0.00 | 22.59 0.47 0.00 | 21.82 0.51 0.00 | 19.36 0.57 0.00 | 18.97 0.59 0.00 | 18.84 0.68 0.00 | 22.53 0.84 0.00 | 24.67 1.07 0.00 | 25.33 1.12 0.00 | 24.94 1.21 0.00 | 24.23 1.32 0.00 | 35.11 1.91 0.00 | 41.93 2.43 0.00 | 38.97 2.09 0.00 | 32.02 1.67 0.00 | 38.94 2.01 0.00 | 37.16 1.73 0.00 | 28.20 1.32 0.00 | 26.25 1.05 0.00 |
| INDIAN POINT___2 23530 | 23.99 0.76 0.00 | 23.97 0.61 0.00 | 21.50 0.52 0.00 | 19.10 0.49 0.00 | 18.91 0.46 0.00 | 20.71 0.42 0.00 | 22.56 0.45 0.00 | 21.80 0.49 0.00 | 19.34 0.55 0.00 | 18.95 0.57 0.00 | 18.81 0.66 0.00 | 22.51 0.81 0.00 | 24.65 1.04 0.00 | 25.31 1.10 0.00 | 24.92 1.19 0.00 | 24.21 1.30 0.00 | 35.08 1.89 0.00 | 41.91 2.40 0.00 | 38.94 2.06 0.00 | 31.98 1.64 0.00 | 38.89 1.95 0.00 | 37.12 1.69 0.00 | 28.16 1.28 0.00 | 26.23 1.03 0.00 |
| INDIAN POINT___3 23531 | 24.01 0.78 0.00 | 23.98 0.62 0.00 | 21.52 0.54 0.00 | 19.12 0.51 0.00 | 18.92 0.48 0.00 | 20.72 0.43 0.00 | 22.58 0.47 0.00 | 21.81 0.50 0.00 | 19.35 0.56 0.00 | 18.95 0.57 0.00 | 18.82 0.66 0.00 | 22.51 0.82 0.00 | 24.65 1.04 0.00 | 25.30 1.09 0.00 | 24.92 1.18 0.00 | 24.21 1.30 0.00 | 35.07 1.87 0.00 | 41.88 2.38 0.00 | 38.93 2.05 0.00 | 31.98 1.64 0.00 | 38.90 1.97 0.00 | 37.13 1.70 0.00 | 28.18 1.29 0.00 | 26.22 1.03 0.00 |
| INGHAM_C_115KV_TB7 356103 | 23.10 -0.13 0.00 | 23.19 -0.17 0.00 | 20.94 -0.05 0.00 | 18.64 0.03 0.00 | 18.44 -0.01 0.00 | 20.21 -0.08 0.00 | 21.87 -0.24 0.00 | 21.01 -0.31 0.00 | 18.32 -0.48 0.00 | 17.66 -0.72 0.00 | 17.38 -0.78 0.00 | 20.82 -0.88 0.00 | 22.71 -0.89 0.00 | 23.32 -0.88 0.00 | 22.91 -0.82 0.00 | 22.35 -0.56 0.00 | 32.41 -0.79 0.00 | 39.09 -0.41 0.00 | 36.87 -0.01 0.00 | 30.64 0.29 0.00 | 37.48 0.55 0.00 | 35.88 0.46 0.00 | 27.15 0.26 0.00 | 25.21 0.01 0.00 |
| IP CORINTH___1 23988 | 24.57 1.34 0.00 | 24.59 1.23 0.00 | 22.17 1.19 0.00 | 19.71 1.09 0.00 | 19.43 0.98 0.00 | 21.33 1.04 0.00 | 23.17 1.05 0.00 | 22.20 0.90 0.00 | 19.52 0.72 0.00 | 18.97 0.59 0.00 | 18.68 0.53 0.00 | 22.34 0.64 0.00 | 24.38 0.78 0.00 | 25.03 0.82 0.00 | 24.63 0.89 0.00 | 23.93 1.02 0.00 | 34.84 1.64 0.00 | 41.97 2.46 0.00 | 39.52 2.64 0.00 | 32.68 2.34 0.00 | 39.80 2.87 0.00 | 37.93 2.49 0.00 | 28.86 1.97 0.00 | 26.82 1.62 0.00 |

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| IP___TICONDEROGA 23804 | 25.35 2.12 0.00 | 25.19 1.83 0.00 | 22.79 1.81 0.00 | 20.28 1.67 0.00 | 20.15 1.70 0.00 | 22.21 1.92 0.00 | 24.24 2.13 0.00 | 23.22 1.92 0.00 | 20.26 1.47 0.00 | 19.60 1.22 0.00 | 19.19 1.03 0.00 | 22.92 1.23 0.00 | 25.08 1.48 0.00 | 25.71 1.50 0.00 | 25.24 1.50 0.00 | 24.59 1.68 0.00 | 35.92 2.72 0.00 | 43.75 4.24 0.00 | 41.58 4.70 0.00 | 34.77 4.42 0.00 | 42.21 5.28 0.00 | 40.02 4.59 0.00 | 30.29 3.40 0.00 | 28.05 2.86 0.00 |
| ISLIP_RES_REC 323679 | 24.58 1.35 0.00 | 24.50 1.14 0.00 | 21.94 0.96 0.00 | 19.50 0.89 0.00 | 19.30 0.85 0.00 | 21.18 0.89 0.00 | 23.09 0.98 0.00 | 22.28 0.97 0.00 | 19.90 1.11 0.00 | 21.71 1.18 -2.16 | 23.26 1.23 -3.87 | 32.02 1.48 -8.84 | 32.94 1.85 -7.48 | 32.28 1.96 -6.11 | 25.67 1.94 0.00 | 25.07 2.16 0.00 | 36.24 3.04 0.00 | 43.45 3.95 0.00 | 40.25 3.37 0.00 | 33.00 2.66 0.00 | 40.31 3.38 0.00 | 38.10 2.66 0.00 | 29.00 2.11 0.00 | 26.94 1.75 0.00 |
| JAMAICA__27_KV_LOAD 355505 | 24.37 1.14 0.00 | 24.32 0.95 0.00 | 21.82 0.84 0.00 | 19.41 0.80 0.00 | 19.15 0.71 0.00 | 20.98 0.69 0.00 | 22.88 0.77 0.00 | 22.12 0.81 0.00 | 19.64 0.84 0.00 | 19.25 0.87 0.00 | 19.16 1.00 0.00 | 22.90 1.20 0.00 | 25.09 1.49 0.00 | 25.72 1.51 0.00 | 25.32 1.58 0.00 | 24.63 1.72 0.00 | 35.69 2.50 0.00 | 42.57 3.07 0.00 | 39.52 2.64 0.00 | 32.46 2.11 0.00 | 39.44 2.50 0.00 | 37.71 2.28 0.00 | 28.69 1.80 0.00 | 26.66 1.46 0.00 |
| JANIS___SOLAR 323808 | 23.90 0.67 0.00 | 23.96 0.60 0.00 | 21.47 0.49 0.00 | 19.09 0.47 0.00 | 18.88 0.43 0.00 | 20.79 0.50 0.00 | 22.75 0.64 0.00 | 21.84 0.53 0.00 | 19.09 0.30 0.00 | 18.48 0.10 0.00 | 18.19 0.03 0.00 | 21.71 0.01 0.00 | 23.70 0.10 0.00 | 24.35 0.14 0.00 | 23.79 0.05 0.00 | 23.19 0.28 0.00 | 33.81 0.61 0.00 | 40.60 1.09 0.00 | 38.38 1.50 0.00 | 31.79 1.45 0.00 | 38.65 1.72 0.00 | 37.07 1.64 0.00 | 27.98 1.09 0.00 | 25.95 0.75 0.00 |
| JARVIS____ 23743 | 23.23 0.00 0.00 | 23.36 0.00 0.00 | 21.00 0.02 0.00 | 18.64 0.03 0.00 | 18.46 0.02 0.00 | 20.29 0.00 0.00 | 22.09 -0.01 0.00 | 21.29 -0.02 0.00 | 18.78 -0.02 0.00 | 18.35 -0.02 0.00 | 18.12 -0.04 0.00 | 21.65 -0.04 0.00 | 23.56 -0.05 0.00 | 24.16 -0.05 0.00 | 23.71 -0.02 0.00 | 22.94 0.02 0.00 | 33.22 0.03 0.00 | 39.60 0.10 0.00 | 36.99 0.11 0.00 | 30.46 0.12 0.00 | 37.08 0.15 0.00 | 35.54 0.11 0.00 | 26.97 0.08 0.00 | 25.22 0.02 0.00 |
| JENNISON___1 23625 | 23.96 0.73 0.00 | 23.99 0.63 0.00 | 21.51 0.52 0.00 | 19.12 0.50 0.00 | 18.91 0.46 0.00 | 20.81 0.52 0.00 | 22.75 0.64 0.00 | 21.87 0.56 0.00 | 19.24 0.44 0.00 | 18.74 0.36 0.00 | 18.53 0.37 0.00 | 22.16 0.46 0.00 | 24.18 0.58 0.00 | 24.87 0.66 0.00 | 24.35 0.61 0.00 | 23.67 0.76 0.00 | 34.48 1.29 0.00 | 41.29 1.79 0.00 | 38.74 1.87 0.00 | 31.91 1.57 0.00 | 38.76 1.82 0.00 | 37.13 1.70 0.00 | 28.06 1.17 0.00 | 26.04 0.84 0.00 |
| JENNISON___2 23626 | 23.96 0.73 0.00 | 23.99 0.63 0.00 | 21.51 0.52 0.00 | 19.12 0.50 0.00 | 18.91 0.46 0.00 | 20.81 0.52 0.00 | 22.75 0.64 0.00 | 21.87 0.56 0.00 | 19.24 0.44 0.00 | 18.74 0.36 0.00 | 18.53 0.37 0.00 | 22.16 0.46 0.00 | 24.18 0.58 0.00 | 24.87 0.66 0.00 | 24.35 0.61 0.00 | 23.67 0.76 0.00 | 34.48 1.29 0.00 | 41.29 1.79 0.00 | 38.74 1.87 0.00 | 31.91 1.57 0.00 | 38.76 1.82 0.00 | 37.13 1.70 0.00 | 28.06 1.17 0.00 | 26.04 0.84 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 23.00 -0.23 0.00 | 23.18 -0.18 0.00 | 20.92 -0.07 0.00 | 18.56 -0.05 0.00 | 18.42 -0.03 0.00 | 20.34 0.05 0.00 | 22.34 0.22 0.00 | 21.64 0.33 0.00 | 19.07 0.27 0.00 | 18.58 0.20 0.00 | 18.34 0.18 0.00 | 21.96 0.26 0.00 | 23.90 0.30 0.00 | 24.43 0.23 0.00 | 23.87 0.14 0.00 | 23.03 0.12 0.00 | 33.39 0.20 0.00 | 39.43 -0.08 0.00 | 37.24 0.36 0.00 | 30.86 0.51 0.00 | 37.44 0.50 0.00 | 35.91 0.48 0.00 | 27.12 0.23 0.00 | 25.53 0.33 0.00 |
| KATONAH___115KV_46KV_TB4 355592 | 24.14 0.91 0.00 | 24.13 0.76 0.00 | 21.65 0.67 0.00 | 19.24 0.63 0.00 | 19.04 0.59 0.00 | 20.85 0.56 0.00 | 22.72 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.70 0.00 | 19.10 0.72 0.00 | 18.97 0.81 0.00 | 22.69 1.00 0.00 | 24.84 1.24 0.00 | 25.50 1.29 0.00 | 25.11 1.37 0.00 | 24.40 1.49 0.00 | 35.36 2.16 0.00 | 42.23 2.72 0.00 | 39.26 2.37 0.00 | 32.24 1.89 0.00 | 39.20 2.27 0.00 | 37.42 1.98 0.00 | 28.37 1.48 0.00 | 26.38 1.19 0.00 |
| KCE_NY_1 323755 | 24.39 1.16 0.00 | 24.46 1.10 0.00 | 22.04 1.05 0.00 | 19.58 0.97 0.00 | 19.37 0.92 0.00 | 21.31 1.02 0.00 | 23.08 0.96 0.00 | 22.19 0.88 0.00 | 19.54 0.74 0.00 | 19.02 0.64 0.00 | 18.76 0.60 0.00 | 22.40 0.71 0.00 | 24.41 0.80 0.00 | 25.04 0.83 0.00 | 24.64 0.90 0.00 | 23.93 1.02 0.00 | 34.79 1.60 0.00 | 41.77 2.27 0.00 | 39.22 2.34 0.00 | 32.37 2.03 0.00 | 39.47 2.54 0.00 | 37.64 2.21 0.00 | 28.54 1.65 0.00 | 26.56 1.36 0.00 |
| KCE_NY_6_ESR 323823 | 22.24 -0.99 0.00 | 22.41 -0.95 0.00 | 19.96 -1.02 0.00 | 17.75 -0.87 0.00 | 17.57 -0.88 0.00 | 19.42 -0.87 0.00 | 21.37 -0.74 0.00 | 20.40 -0.91 0.00 | 17.91 -0.88 0.00 | 17.78 -0.60 0.00 | 17.71 -0.45 0.00 | 21.38 -0.31 0.00 | 23.21 -0.39 0.00 | 23.85 -0.36 0.00 | 23.04 -0.69 0.00 | 22.47 -0.43 0.00 | 32.19 -1.00 0.00 | 38.23 -1.27 0.00 | 35.64 -1.24 0.00 | 29.05 -1.29 0.00 | 35.16 -1.77 0.00 | 34.29 -1.15 0.00 | 25.91 -0.98 0.00 | 24.06 -1.13 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 24.45 1.22 0.00 | 24.38 1.02 0.00 | 21.84 0.86 0.00 | 19.41 0.80 0.00 | 19.22 0.77 0.00 | 21.09 0.80 0.00 | 23.00 0.89 0.00 | 22.18 0.87 0.00 | 19.80 1.01 0.00 | 21.62 1.08 -2.16 | 23.15 1.12 -3.87 | 31.89 1.35 -8.84 | 32.76 1.67 -7.48 | 32.09 1.77 -6.11 | 25.49 1.75 0.00 | 24.87 1.96 0.00 | 35.79 2.60 0.00 | 42.90 3.40 0.00 | 39.73 2.85 0.00 | 32.62 2.27 0.00 | 40.01 3.07 0.00 | 37.83 2.40 0.00 | 28.82 1.93 0.00 | 26.79 1.58 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 24.45 1.22 0.00 | 24.38 1.02 0.00 | 21.84 0.86 0.00 | 19.41 0.80 0.00 | 19.22 0.77 0.00 | 21.09 0.80 0.00 | 23.00 0.89 0.00 | 22.18 0.87 0.00 | 19.80 1.01 0.00 | 21.62 1.08 -2.16 | 23.15 1.12 -3.87 | 31.89 1.35 -8.84 | 32.76 1.67 -7.48 | 32.09 1.77 -6.11 | 25.49 1.75 0.00 | 24.87 1.96 0.00 | 35.79 2.60 0.00 | 42.90 3.40 0.00 | 39.73 2.85 0.00 | 32.62 2.27 0.00 | 40.01 3.07 0.00 | 37.83 2.40 0.00 | 28.82 1.93 0.00 | 26.79 1.58 0.00 |
| KEDC_GLWD_GT4 24219 | 24.48 1.25 0.00 | 24.42 1.06 0.00 | 21.88 0.90 0.00 | 19.42 0.81 0.00 | 19.22 0.77 0.00 | 21.06 0.77 0.00 | 22.94 0.83 0.00 | 22.16 0.85 0.00 | 19.75 0.95 0.00 | 21.56 1.03 -2.16 | 23.16 1.13 -3.87 | 31.93 1.40 -8.84 | 32.79 1.71 -7.48 | 32.07 1.75 -6.11 | 25.26 1.53 0.00 | 24.60 1.69 0.00 | 35.65 2.45 0.00 | 42.64 3.13 0.00 | 39.52 2.64 0.00 | 32.40 2.06 0.00 | 39.51 2.57 0.00 | 37.87 2.44 0.00 | 28.80 1.91 0.00 | 26.81 1.61 0.00 |
| KEDC_GLWD_GT5 24220 | 24.48 1.25 0.00 | 24.42 1.06 0.00 | 21.88 0.90 0.00 | 19.42 0.81 0.00 | 19.22 0.77 0.00 | 21.06 0.77 0.00 | 22.94 0.83 0.00 | 22.16 0.85 0.00 | 19.75 0.95 0.00 | 21.56 1.03 -2.16 | 23.16 1.13 -3.87 | 31.93 1.40 -8.84 | 32.79 1.71 -7.48 | 32.07 1.75 -6.11 | 25.26 1.53 0.00 | 24.60 1.69 0.00 | 35.65 2.45 0.00 | 42.64 3.13 0.00 | 39.52 2.64 0.00 | 32.40 2.06 0.00 | 39.51 2.57 0.00 | 37.87 2.44 0.00 | 28.80 1.91 0.00 | 26.81 1.61 0.00 |

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| KENSICO____ 23655 | 24.09 0.86 0.00 | 24.07 0.70 0.00 | 21.60 0.61 0.00 | 19.19 0.57 0.00 | 18.99 0.55 0.00 | 20.79 0.50 0.00 | 22.65 0.54 0.00 | 21.88 0.57 0.00 | 19.42 0.63 0.00 | 19.03 0.65 0.00 | 18.90 0.74 0.00 | 22.62 0.92 0.00 | 24.75 1.15 0.00 | 25.41 1.20 0.00 | 25.02 1.28 0.00 | 24.31 1.40 0.00 | 35.22 2.02 0.00 | 42.05 2.55 0.00 | 39.08 2.20 0.00 | 32.10 1.76 0.00 | 39.04 2.11 0.00 | 37.27 1.84 0.00 | 28.29 1.40 0.00 | 26.32 1.13 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 23.99 0.76 0.00 | 23.95 0.58 0.00 | 21.44 0.46 0.00 | 19.04 0.43 0.00 | 18.85 0.40 0.00 | 20.65 0.36 0.00 | 22.52 0.41 0.00 | 21.75 0.44 0.00 | 19.29 0.49 0.00 | 18.88 0.50 0.00 | 18.72 0.56 0.00 | 22.36 0.66 0.00 | 24.49 0.89 0.00 | 25.20 0.99 0.00 | 24.82 1.09 0.00 | 24.12 1.22 0.00 | 35.08 1.88 0.00 | 42.02 2.52 0.00 | 39.15 2.27 0.00 | 32.16 1.82 0.00 | 39.09 2.15 0.00 | 37.27 1.84 0.00 | 28.26 1.37 0.00 | 26.27 1.07 0.00 |
| KIAC_JFK_GT1 23816 | 24.21 0.98 0.00 | 24.17 0.81 0.00 | 21.69 0.71 0.00 | 19.30 0.68 0.00 | 19.05 0.61 0.00 | 20.85 0.56 0.00 | 22.74 0.63 0.00 | 21.99 0.68 0.00 | 19.53 0.73 0.00 | 19.14 0.76 0.00 | 19.04 0.88 0.00 | 22.75 1.06 0.00 | 24.94 1.33 0.00 | 25.53 1.32 0.00 | 25.09 1.35 0.00 | 24.39 1.48 0.00 | 35.34 2.14 0.00 | 42.15 2.64 0.00 | 39.13 2.25 0.00 | 32.14 1.80 0.00 | 39.05 2.12 0.00 | 37.35 1.92 0.00 | 28.49 1.60 0.00 | 26.49 1.29 0.00 |
| KIAC_JFK_GT2 23817 | 24.21 0.98 0.00 | 24.17 0.81 0.00 | 21.69 0.71 0.00 | 19.30 0.68 0.00 | 19.05 0.61 0.00 | 20.85 0.56 0.00 | 22.74 0.63 0.00 | 21.99 0.68 0.00 | 19.53 0.73 0.00 | 19.14 0.76 0.00 | 19.04 0.88 0.00 | 22.75 1.06 0.00 | 24.94 1.33 0.00 | 25.53 1.32 0.00 | 25.09 1.35 0.00 | 24.39 1.48 0.00 | 35.34 2.14 0.00 | 42.15 2.64 0.00 | 39.13 2.25 0.00 | 32.14 1.80 0.00 | 39.05 2.12 0.00 | 37.35 1.92 0.00 | 28.49 1.60 0.00 | 26.49 1.29 0.00 |
| KIAC_JFK____ 323774 | 24.21 0.98 0.00 | 24.17 0.81 0.00 | 21.70 0.71 0.00 | 19.30 0.68 0.00 | 19.05 0.60 0.00 | 20.85 0.56 0.00 | 22.74 0.63 0.00 | 21.98 0.68 0.00 | 19.52 0.73 0.00 | 19.14 0.76 0.00 | 19.04 0.88 0.00 | 22.75 1.05 0.00 | 24.93 1.33 0.00 | 25.53 1.32 0.00 | 25.08 1.35 0.00 | 24.39 1.48 0.00 | 35.34 2.15 0.00 | 42.15 2.64 0.00 | 39.13 2.25 0.00 | 32.14 1.80 0.00 | 39.05 2.12 0.00 | 37.34 1.91 0.00 | 28.49 1.60 0.00 | 26.49 1.30 0.00 |
| KINTIGH____ 23543 | 21.96 -1.27 0.00 | 22.16 -1.20 0.00 | 19.75 -1.24 0.00 | 17.57 -1.05 0.00 | 17.39 -1.06 0.00 | 19.21 -1.08 0.00 | 21.10 -1.01 0.00 | 20.15 -1.15 0.00 | 17.70 -1.09 0.00 | 17.55 -0.83 0.00 | 17.44 -0.71 0.00 | 21.00 -0.69 0.00 | 22.81 -0.79 0.00 | 23.41 -0.80 0.00 | 22.66 -1.08 0.00 | 22.05 -0.86 0.00 | 31.65 -1.55 0.00 | 37.57 -1.93 0.00 | 35.04 -1.84 0.00 | 28.59 -1.75 0.00 | 34.62 -2.32 0.00 | 33.71 -1.72 0.00 | 25.51 -1.37 0.00 | 23.75 -1.45 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 23.42 0.19 0.00 | 23.60 0.24 0.00 | 21.34 0.36 0.00 | 18.98 0.37 0.00 | 18.82 0.38 0.00 | 20.70 0.41 0.00 | 22.74 0.63 0.00 | 22.03 0.72 0.00 | 19.32 0.52 0.00 | 18.74 0.37 0.00 | 18.50 0.34 0.00 | 22.13 0.44 0.00 | 24.15 0.54 0.00 | 24.69 0.48 0.00 | 24.11 0.37 0.00 | 23.34 0.43 0.00 | 33.92 0.72 0.00 | 40.08 0.57 0.00 | 38.17 1.29 0.00 | 31.78 1.43 0.00 | 38.57 1.64 0.00 | 36.86 1.43 0.00 | 27.77 0.88 0.00 | 26.07 0.87 0.00 |
| LACHUTE__HYDRO 323717 | 25.35 2.12 0.00 | 25.20 1.83 0.00 | 22.79 1.81 0.00 | 20.28 1.67 0.00 | 20.15 1.70 0.00 | 22.21 1.92 0.00 | 24.24 2.13 0.00 | 23.22 1.92 0.00 | 20.26 1.46 0.00 | 19.60 1.22 0.00 | 19.19 1.03 0.00 | 22.92 1.22 0.00 | 25.08 1.48 0.00 | 25.71 1.50 0.00 | 25.24 1.50 0.00 | 24.59 1.68 0.00 | 35.92 2.72 0.00 | 43.74 4.24 0.00 | 41.58 4.70 0.00 | 34.77 4.42 0.00 | 42.21 5.28 0.00 | 40.02 4.59 0.00 | 30.29 3.40 0.00 | 28.05 2.86 0.00 |
| LAWRNCAL_115KV_TB1 80681 | 23.02 -0.21 0.00 | 23.18 -0.18 0.00 | 20.80 -0.18 0.00 | 18.43 -0.18 0.00 | 18.52 0.07 0.00 | 20.43 0.14 0.00 | 22.29 0.18 0.00 | 21.54 0.24 0.00 | 18.97 0.18 0.00 | 18.56 0.18 0.00 | 18.35 0.19 0.00 | 21.98 0.28 0.00 | 23.92 0.32 0.00 | 24.56 0.35 0.00 | 24.01 0.27 0.00 | 22.99 0.08 0.00 | 33.39 0.19 0.00 | 39.47 -0.04 0.00 | 36.89 0.01 0.00 | 30.41 0.07 0.00 | 37.10 0.17 0.00 | 35.73 0.30 0.00 | 27.11 0.22 0.00 | 25.56 0.36 0.00 |
| LEDERLE____ 23769 | 24.12 0.89 0.00 | 24.09 0.73 0.00 | 21.60 0.62 0.00 | 19.18 0.57 0.00 | 18.99 0.55 0.00 | 20.80 0.51 0.00 | 22.67 0.56 0.00 | 21.90 0.59 0.00 | 19.44 0.64 0.00 | 19.04 0.66 0.00 | 18.92 0.76 0.00 | 22.65 0.96 0.00 | 24.81 1.21 0.00 | 25.49 1.28 0.00 | 25.11 1.37 0.00 | 24.40 1.49 0.00 | 35.37 2.18 0.00 | 42.24 2.74 0.00 | 39.26 2.38 0.00 | 32.23 1.88 0.00 | 39.16 2.23 0.00 | 37.37 1.94 0.00 | 28.34 1.45 0.00 | 26.37 1.18 0.00 |
| LIGHTRSE_115KV_TB6 355974 | 22.59 -0.64 0.00 | 22.75 -0.61 0.00 | 20.41 -0.58 0.00 | 18.11 -0.50 0.00 | 17.99 -0.46 0.00 | 19.79 -0.51 0.00 | 21.59 -0.52 0.00 | 20.79 -0.52 0.00 | 18.29 -0.51 0.00 | 17.87 -0.51 0.00 | 17.66 -0.50 0.00 | 21.03 -0.66 0.00 | 22.87 -0.74 0.00 | 23.47 -0.74 0.00 | 23.00 -0.74 0.00 | 22.29 -0.62 0.00 | 32.50 -0.69 0.00 | 38.73 -0.77 0.00 | 36.32 -0.57 0.00 | 29.93 -0.41 0.00 | 36.52 -0.42 0.00 | 34.97 -0.46 0.00 | 26.48 -0.41 0.00 | 24.71 -0.49 0.00 |
| LINDEN COGEN____ 23786 | 24.07 0.84 0.00 | 24.03 0.66 0.00 | 21.56 0.58 0.00 | 19.16 0.54 0.00 | 18.95 0.51 0.00 | 20.74 0.45 0.00 | 22.60 0.49 0.00 | 21.84 0.53 0.00 | 19.40 0.60 0.00 | 19.01 0.63 0.00 | 18.90 0.74 0.00 | 22.59 0.89 0.00 | 24.75 1.14 0.00 | 25.39 1.19 0.00 | 25.04 1.31 0.00 | 24.34 1.43 0.00 | 35.26 2.07 0.00 | 42.04 2.54 0.00 | 39.02 2.14 0.00 | 32.05 1.71 0.00 | 38.95 2.02 0.00 | 37.21 1.78 0.00 | 28.25 1.37 0.00 | 26.30 1.10 0.00 |
| LINDHRST_69_KV_BK1 356055 | 24.66 1.43 0.00 | 24.59 1.23 0.00 | 22.03 1.04 0.00 | 19.55 0.93 0.00 | 19.34 0.90 0.00 | 21.21 0.92 0.00 | 23.11 1.00 0.00 | 22.32 1.00 0.00 | 19.91 1.11 0.00 | 21.72 1.19 -2.16 | 23.29 1.26 -3.87 | 32.08 1.55 -8.84 | 32.95 1.87 -7.48 | 32.24 1.92 -6.11 | 25.59 1.85 0.00 | 24.94 2.03 0.00 | 36.09 2.89 0.00 | 43.22 3.71 0.00 | 40.06 3.18 0.00 | 32.86 2.52 0.00 | 40.11 3.18 0.00 | 38.12 2.69 0.00 | 29.02 2.13 0.00 | 27.00 1.80 0.00 |
| LIPA_MISC_IPP 23656 | 24.32 1.09 0.00 | 24.23 0.87 0.00 | 21.70 0.72 0.00 | 19.32 0.70 0.00 | 19.12 0.68 0.00 | 20.99 0.70 0.00 | 22.91 0.80 0.00 | 22.08 0.77 0.00 | 19.72 0.92 0.00 | 21.52 0.99 -2.16 | 23.05 1.03 -3.87 | 31.76 1.23 -8.84 | 32.59 1.51 -7.48 | 31.94 1.62 -6.11 | 25.34 1.60 0.00 | 24.73 1.82 0.00 | 35.78 2.58 0.00 | 42.91 3.41 0.00 | 39.76 2.88 0.00 | 32.62 2.28 0.00 | 39.83 2.89 0.00 | 37.64 2.21 0.00 | 28.68 1.79 0.00 | 26.66 1.47 0.00 |
| LISF__SOLAR 323691 | 24.36 1.13 0.00 | 24.27 0.91 0.00 | 21.74 0.76 0.00 | 19.35 0.73 0.00 | 19.16 0.71 0.00 | 21.03 0.74 0.00 | 22.95 0.84 0.00 | 22.11 0.80 0.00 | 19.75 0.95 0.00 | 21.55 1.01 -2.16 | 23.07 1.04 -3.87 | 31.78 1.24 -8.84 | 32.63 1.55 -7.48 | 31.97 1.65 -6.11 | 25.38 1.64 0.00 | 24.78 1.87 0.00 | 35.86 2.66 0.00 | 43.03 3.53 0.00 | 39.87 2.99 0.00 | 32.71 2.37 0.00 | 39.92 2.99 0.00 | 37.73 2.30 0.00 | 28.74 1.86 0.00 | 26.71 1.52 0.00 |

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| LITTLE FALLS___HYD 24013 | 23.10 -0.13 0.00 | 23.19 -0.17 0.00 | 20.94 -0.05 0.00 | 18.64 0.03 0.00 | 18.44 -0.01 0.00 | 20.21 -0.08 0.00 | 21.87 -0.24 0.00 | 21.01 -0.31 0.00 | 18.32 -0.48 0.00 | 17.66 -0.72 0.00 | 17.38 -0.78 0.00 | 20.82 -0.88 0.00 | 22.71 -0.89 0.00 | 23.32 -0.88 0.00 | 22.91 -0.82 0.00 | 22.35 -0.56 0.00 | 32.41 -0.79 0.00 | 39.09 -0.41 0.00 | 36.87 -0.01 0.00 | 30.64 0.29 0.00 | 37.48 0.55 0.00 | 35.88 0.46 0.00 | 27.15 0.26 0.00 | 25.21 0.01 0.00 |
| LITTLRIV_115KV_TB1 356100 | 23.31 0.08 0.00 | 23.47 0.11 0.00 | 21.04 0.06 0.00 | 18.64 0.03 0.00 | 18.71 0.26 0.00 | 20.66 0.37 0.00 | 22.55 0.44 0.00 | 21.77 0.45 0.00 | 19.12 0.32 0.00 | 18.66 0.28 0.00 | 18.44 0.28 0.00 | 22.07 0.38 0.00 | 24.04 0.44 0.00 | 24.72 0.51 0.00 | 24.13 0.40 0.00 | 23.09 0.18 0.00 | 33.60 0.41 0.00 | 39.78 0.28 0.00 | 37.18 0.30 0.00 | 30.78 0.44 0.00 | 37.61 0.67 0.00 | 36.22 0.79 0.00 | 27.48 0.59 0.00 | 25.88 0.68 0.00 |
| LI_NEWBRDGE___DRP 323616 | 24.27 1.04 0.00 | 24.22 0.86 0.00 | 21.72 0.74 0.00 | 19.28 0.67 0.00 | 19.08 0.64 0.00 | 20.91 0.62 0.00 | 22.78 0.67 0.00 | 22.00 0.69 0.00 | 19.59 0.80 0.00 | 21.40 0.86 -2.16 | 22.98 0.95 -3.87 | 31.69 1.15 -8.84 | 32.50 1.42 -7.48 | 31.78 1.46 -6.11 | 25.16 1.42 0.00 | 24.49 1.58 0.00 | 35.47 2.28 0.00 | 42.43 2.92 0.00 | 39.34 2.46 0.00 | 32.29 1.95 0.00 | 39.36 2.43 0.00 | 37.47 2.04 0.00 | 28.51 1.62 0.00 | 26.56 1.36 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 21.92 -1.32 0.00 | 22.12 -1.24 0.00 | 19.67 -1.31 0.00 | 17.50 -1.11 0.00 | 17.33 -1.12 0.00 | 19.17 -1.12 0.00 | 21.10 -1.02 0.00 | 20.12 -1.19 0.00 | 17.65 -1.15 0.00 | 17.52 -0.86 0.00 | 17.44 -0.71 0.00 | 21.04 -0.65 0.00 | 22.83 -0.78 0.00 | 23.44 -0.77 0.00 | 22.63 -1.11 0.00 | 22.07 -0.84 0.00 | 31.58 -1.61 0.00 | 37.49 -2.01 0.00 | 34.97 -1.91 0.00 | 28.51 -1.83 0.00 | 34.48 -2.46 0.00 | 33.70 -1.73 0.00 | 25.49 -1.40 0.00 | 23.73 -1.47 0.00 |
| LOCKPORT___CC1 323769 | 21.89 -1.34 0.00 | 22.10 -1.26 0.00 | 19.65 -1.33 0.00 | 17.49 -1.13 0.00 | 17.32 -1.13 0.00 | 19.16 -1.14 0.00 | 21.08 -1.03 0.00 | 20.12 -1.20 0.00 | 17.63 -1.17 0.00 | 17.51 -0.87 0.00 | 17.44 -0.72 0.00 | 21.05 -0.64 0.00 | 22.82 -0.78 0.00 | 23.43 -0.78 0.00 | 22.62 -1.12 0.00 | 22.06 -0.85 0.00 | 31.55 -1.65 0.00 | 37.44 -2.06 0.00 | 34.91 -1.97 0.00 | 28.47 -1.87 0.00 | 34.44 -2.50 0.00 | 33.66 -1.78 0.00 | 25.45 -1.43 0.00 | 23.70 -1.50 0.00 |
| LOCKPORT___CC2 323770 | 21.89 -1.34 0.00 | 22.10 -1.26 0.00 | 19.65 -1.33 0.00 | 17.49 -1.13 0.00 | 17.32 -1.13 0.00 | 19.16 -1.14 0.00 | 21.08 -1.03 0.00 | 20.12 -1.20 0.00 | 17.63 -1.17 0.00 | 17.51 -0.87 0.00 | 17.44 -0.72 0.00 | 21.05 -0.64 0.00 | 22.82 -0.78 0.00 | 23.43 -0.78 0.00 | 22.62 -1.12 0.00 | 22.06 -0.85 0.00 | 31.55 -1.65 0.00 | 37.44 -2.06 0.00 | 34.91 -1.97 0.00 | 28.47 -1.87 0.00 | 34.44 -2.50 0.00 | 33.66 -1.78 0.00 | 25.45 -1.43 0.00 | 23.70 -1.50 0.00 |
| LOCKPORT___CC3 323771 | 21.89 -1.34 0.00 | 22.10 -1.26 0.00 | 19.65 -1.33 0.00 | 17.49 -1.13 0.00 | 17.32 -1.13 0.00 | 19.16 -1.14 0.00 | 21.08 -1.03 0.00 | 20.12 -1.20 0.00 | 17.63 -1.17 0.00 | 17.51 -0.87 0.00 | 17.44 -0.72 0.00 | 21.05 -0.64 0.00 | 22.82 -0.78 0.00 | 23.43 -0.78 0.00 | 22.62 -1.12 0.00 | 22.06 -0.85 0.00 | 31.55 -1.65 0.00 | 37.44 -2.06 0.00 | 34.91 -1.97 0.00 | 28.47 -1.87 0.00 | 34.44 -2.50 0.00 | 33.66 -1.78 0.00 | 25.45 -1.43 0.00 | 23.70 -1.50 0.00 |
| LONG_LAKE_PHOENIX 24014 | 22.77 -0.46 0.00 | 22.92 -0.44 0.00 | 20.56 -0.42 0.00 | 18.26 -0.35 0.00 | 18.08 -0.36 0.00 | 19.89 -0.40 0.00 | 21.70 -0.41 0.00 | 20.90 -0.42 0.00 | 18.40 -0.40 0.00 | 17.98 -0.39 0.00 | 17.75 -0.41 0.00 | 21.17 -0.53 0.00 | 22.97 -0.63 0.00 | 23.56 -0.65 0.00 | 23.09 -0.65 0.00 | 22.39 -0.52 0.00 | 32.45 -0.74 0.00 | 38.74 -0.76 0.00 | 36.25 -0.63 0.00 | 29.83 -0.51 0.00 | 36.27 -0.67 0.00 | 34.79 -0.64 0.00 | 26.33 -0.55 0.00 | 24.58 -0.61 0.00 |
| LOVETT___3 23632 | 23.98 0.75 0.00 | 23.95 0.59 0.00 | 21.48 0.50 0.00 | 19.08 0.47 0.00 | 18.89 0.45 0.00 | 20.69 0.40 0.00 | 22.54 0.43 0.00 | 21.78 0.46 0.00 | 19.33 0.53 0.00 | 18.93 0.55 0.00 | 18.80 0.64 0.00 | 22.50 0.80 0.00 | 24.64 1.03 0.00 | 25.29 1.08 0.00 | 24.92 1.18 0.00 | 24.21 1.30 0.00 | 35.08 1.89 0.00 | 41.91 2.40 0.00 | 38.94 2.06 0.00 | 31.98 1.64 0.00 | 38.87 1.94 0.00 | 37.10 1.66 0.00 | 28.15 1.26 0.00 | 26.21 1.01 0.00 |
| LOVETT___4 23642 | 23.98 0.75 0.00 | 23.95 0.59 0.00 | 21.48 0.50 0.00 | 19.08 0.47 0.00 | 18.89 0.45 0.00 | 20.69 0.40 0.00 | 22.54 0.43 0.00 | 21.78 0.46 0.00 | 19.33 0.53 0.00 | 18.93 0.55 0.00 | 18.80 0.64 0.00 | 22.50 0.80 0.00 | 24.64 1.03 0.00 | 25.29 1.08 0.00 | 24.92 1.18 0.00 | 24.21 1.30 0.00 | 35.08 1.89 0.00 | 41.91 2.40 0.00 | 38.94 2.06 0.00 | 31.98 1.64 0.00 | 38.87 1.94 0.00 | 37.10 1.66 0.00 | 28.15 1.26 0.00 | 26.21 1.01 0.00 |
| LOVETT___5 23593 | 23.98 0.75 0.00 | 23.95 0.59 0.00 | 21.48 0.50 0.00 | 19.08 0.47 0.00 | 18.89 0.45 0.00 | 20.69 0.40 0.00 | 22.54 0.43 0.00 | 21.78 0.46 0.00 | 19.33 0.53 0.00 | 18.93 0.55 0.00 | 18.80 0.64 0.00 | 22.50 0.80 0.00 | 24.64 1.03 0.00 | 25.29 1.08 0.00 | 24.92 1.18 0.00 | 24.21 1.30 0.00 | 35.08 1.89 0.00 | 41.91 2.40 0.00 | 38.94 2.06 0.00 | 31.98 1.64 0.00 | 38.87 1.94 0.00 | 37.10 1.66 0.00 | 28.15 1.26 0.00 | 26.21 1.01 0.00 |
| LOWER RAQUET___HYD 24057 | 22.91 -0.32 0.00 | 23.07 -0.29 0.00 | 20.71 -0.27 0.00 | 18.36 -0.26 0.00 | 18.49 0.04 0.00 | 20.40 0.11 0.00 | 22.25 0.14 0.00 | 21.51 0.20 0.00 | 18.95 0.15 0.00 | 18.53 0.16 0.00 | 18.33 0.17 0.00 | 21.95 0.25 0.00 | 23.89 0.29 0.00 | 24.54 0.33 0.00 | 23.99 0.25 0.00 | 22.97 0.06 0.00 | 33.38 0.18 0.00 | 39.44 -0.06 0.00 | 36.90 0.01 0.00 | 30.44 0.09 0.00 | 37.13 0.19 0.00 | 35.75 0.32 0.00 | 27.12 0.24 0.00 | 25.56 0.36 0.00 |
| LOWER___HUDSON 24059 | 23.85 0.62 0.00 | 24.01 0.64 0.00 | 21.65 0.67 0.00 | 19.24 0.63 0.00 | 19.07 0.62 0.00 | 20.91 0.62 0.00 | 22.64 0.53 0.00 | 21.84 0.53 0.00 | 19.25 0.45 0.00 | 18.74 0.36 0.00 | 18.47 0.31 0.00 | 22.06 0.37 0.00 | 24.01 0.40 0.00 | 24.61 0.40 0.00 | 24.20 0.47 0.00 | 23.46 0.55 0.00 | 33.96 0.77 0.00 | 40.63 1.13 0.00 | 38.08 1.19 0.00 | 31.44 1.10 0.00 | 38.42 1.49 0.00 | 36.72 1.29 0.00 | 27.86 0.97 0.00 | 25.95 0.75 0.00 |
| LOWVILLE_115KV_TB2 356335 | 22.83 -0.40 0.00 | 23.02 -0.34 0.00 | 20.69 -0.29 0.00 | 18.36 -0.25 0.00 | 18.32 -0.13 0.00 | 20.15 -0.14 0.00 | 21.95 -0.16 0.00 | 21.16 -0.15 0.00 | 18.60 -0.20 0.00 | 18.16 -0.21 0.00 | 17.96 -0.20 0.00 | 21.39 -0.31 0.00 | 23.35 -0.26 0.00 | 23.97 -0.24 0.00 | 23.51 -0.23 0.00 | 22.75 -0.16 0.00 | 33.23 0.04 0.00 | 39.55 0.05 0.00 | 37.32 0.44 0.00 | 30.81 0.46 0.00 | 37.78 0.84 0.00 | 36.16 0.73 0.00 | 27.37 0.48 0.00 | 25.54 0.34 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 24.37 1.14 0.00 | 24.46 1.10 0.00 | 22.04 1.06 0.00 | 19.58 0.97 0.00 | 19.37 0.93 0.00 | 21.28 0.99 0.00 | 23.08 0.97 0.00 | 22.20 0.89 0.00 | 19.54 0.74 0.00 | 19.01 0.63 0.00 | 18.74 0.58 0.00 | 22.39 0.70 0.00 | 24.41 0.80 0.00 | 25.04 0.83 0.00 | 24.63 0.89 0.00 | 23.92 1.01 0.00 | 34.75 1.56 0.00 | 41.73 2.22 0.00 | 39.18 2.30 0.00 | 32.35 2.01 0.00 | 39.44 2.51 0.00 | 37.63 2.20 0.00 | 28.55 1.66 0.00 | 26.56 1.36 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 24.39 1.16 0.00 | 24.46 1.10 0.00 | 22.04 1.06 0.00 | 19.58 0.97 0.00 | 19.37 0.92 0.00 | 21.31 1.02 0.00 | 23.08 0.96 0.00 | 22.19 0.88 0.00 | 19.54 0.74 0.00 | 19.02 0.64 0.00 | 18.76 0.60 0.00 | 22.40 0.70 0.00 | 24.41 0.80 0.00 | 25.04 0.83 0.00 | 24.64 0.91 0.00 | 23.93 1.02 0.00 | 34.79 1.60 0.00 | 41.77 2.27 0.00 | 39.22 2.34 0.00 | 32.37 2.03 0.00 | 39.47 2.54 0.00 | 37.64 2.21 0.00 | 28.54 1.65 0.00 | 26.56 1.37 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 22.62 -0.61 0.00 | 22.79 -0.57 0.00 | 20.46 -0.52 0.00 | 18.15 -0.47 0.00 | 18.20 -0.25 0.00 | 20.05 -0.24 0.00 | 21.87 -0.24 0.00 | 21.12 -0.19 0.00 | 18.57 -0.23 0.00 | 18.15 -0.23 0.00 | 17.94 -0.22 0.00 | 21.43 -0.27 0.00 | 23.34 -0.26 0.00 | 24.07 -0.13 0.00 | 23.56 -0.17 0.00 | 22.70 -0.21 0.00 | 33.13 -0.06 0.00 | 39.29 -0.21 0.00 | 36.90 0.02 0.00 | 30.47 0.13 0.00 | 37.30 0.36 0.00 | 35.78 0.35 0.00 | 27.12 0.23 0.00 | 25.41 0.22 0.00 |
| LYONS_FALL_HYD 23570 | 23.11 -0.12 0.00 | 23.27 -0.09 0.00 | 20.90 -0.08 0.00 | 18.56 -0.06 0.00 | 18.46 0.01 0.00 | 20.30 0.01 0.00 | 22.12 0.00 0.00 | 21.32 0.00 0.00 | 18.75 -0.05 0.00 | 18.31 -0.07 0.00 | 18.09 -0.07 0.00 | 21.58 -0.12 0.00 | 23.53 -0.08 0.00 | 24.15 -0.06 0.00 | 23.69 -0.05 0.00 | 22.92 0.01 0.00 | 33.43 0.24 0.00 | 39.84 0.34 0.00 | 37.49 0.61 0.00 | 30.93 0.59 0.00 | 37.82 0.89 0.00 | 36.20 0.77 0.00 | 27.39 0.51 0.00 | 25.56 0.36 0.00 |
| MADISON___COUNTY_LFGE 323628 | 23.58 0.35 0.00 | 23.69 0.33 0.00 | 21.26 0.28 0.00 | 18.88 0.26 0.00 | 18.70 0.26 0.00 | 20.57 0.28 0.00 | 22.44 0.32 0.00 | 21.59 0.28 0.00 | 18.96 0.17 0.00 | 18.50 0.13 0.00 | 18.28 0.12 0.00 | 21.84 0.14 0.00 | 23.78 0.18 0.00 | 24.40 0.19 0.00 | 23.95 0.21 0.00 | 23.22 0.31 0.00 | 33.74 0.55 0.00 | 40.34 0.84 0.00 | 37.87 0.99 0.00 | 31.23 0.89 0.00 | 38.02 1.08 0.00 | 36.42 0.99 0.00 | 27.55 0.66 0.00 | 25.65 0.46 0.00 |
| MALONE___115KV_TB1 356076 | 23.13 -0.10 0.00 | 23.30 -0.06 0.00 | 20.99 0.01 0.00 | 18.62 0.01 0.00 | 18.55 0.10 0.00 | 20.47 0.18 0.00 | 22.46 0.35 0.00 | 21.76 0.45 0.00 | 19.18 0.38 0.00 | 18.69 0.32 0.00 | 18.46 0.30 0.00 | 22.12 0.42 0.00 | 24.07 0.46 0.00 | 24.65 0.44 0.00 | 24.07 0.34 0.00 | 23.18 0.27 0.00 | 33.63 0.44 0.00 | 39.77 0.26 0.00 | 37.49 0.61 0.00 | 31.04 0.70 0.00 | 37.72 0.78 0.00 | 36.21 0.78 0.00 | 27.36 0.48 0.00 | 25.74 0.54 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 23.64 0.41 0.00 | 23.79 0.43 0.00 | 21.50 0.52 0.00 | 19.11 0.49 0.00 | 18.93 0.49 0.00 | 20.75 0.47 0.00 | 22.48 0.37 0.00 | 21.72 0.41 0.00 | 19.15 0.35 0.00 | 18.64 0.26 0.00 | 18.39 0.23 0.00 | 21.96 0.26 0.00 | 23.88 0.27 0.00 | 24.49 0.27 0.00 | 24.10 0.36 0.00 | 23.38 0.47 0.00 | 33.83 0.63 0.00 | 40.45 0.94 0.00 | 37.86 0.98 0.00 | 31.23 0.89 0.00 | 38.10 1.17 0.00 | 36.43 1.00 0.00 | 27.62 0.73 0.00 | 25.71 0.52 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 23.03 -0.20 0.00 | 23.25 -0.11 0.00 | 20.87 -0.11 0.00 | 18.50 -0.12 0.00 | 18.35 -0.09 0.00 | 20.22 -0.07 0.00 | 22.03 -0.09 0.00 | 21.24 -0.07 0.00 | 18.76 -0.03 0.00 | 18.39 0.01 0.00 | 18.15 0.00 0.00 | 21.74 0.04 0.00 | 23.67 0.06 0.00 | 24.27 0.06 0.00 | 23.76 0.02 0.00 | 22.86 -0.05 0.00 | 33.13 -0.07 0.00 | 39.28 -0.22 0.00 | 36.66 -0.22 0.00 | 30.14 -0.20 0.00 | 36.73 -0.21 0.00 | 35.33 -0.10 0.00 | 26.83 -0.06 0.00 | 25.23 0.03 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 23.03 -0.20 0.00 | 23.25 -0.11 0.00 | 20.87 -0.11 0.00 | 18.50 -0.12 0.00 | 18.35 -0.09 0.00 | 20.22 -0.07 0.00 | 22.03 -0.09 0.00 | 21.24 -0.07 0.00 | 18.76 -0.03 0.00 | 18.39 0.01 0.00 | 18.15 0.00 0.00 | 21.74 0.04 0.00 | 23.67 0.06 0.00 | 24.27 0.06 0.00 | 23.76 0.02 0.00 | 22.86 -0.05 0.00 | 33.13 -0.07 0.00 | 39.28 -0.22 0.00 | 36.66 -0.22 0.00 | 30.14 -0.20 0.00 | 36.73 -0.21 0.00 | 35.33 -0.10 0.00 | 26.83 -0.06 0.00 | 25.23 0.03 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 23.09 -0.14 0.00 | 23.27 -0.09 0.00 | 21.01 0.03 0.00 | 18.67 0.06 0.00 | 18.52 0.07 0.00 | 20.41 0.11 0.00 | 22.42 0.31 0.00 | 21.73 0.41 0.00 | 19.12 0.32 0.00 | 18.60 0.23 0.00 | 18.37 0.21 0.00 | 21.98 0.29 0.00 | 23.94 0.34 0.00 | 24.49 0.27 0.00 | 23.92 0.18 0.00 | 23.10 0.19 0.00 | 33.52 0.32 0.00 | 39.60 0.10 0.00 | 37.49 0.61 0.00 | 31.11 0.77 0.00 | 37.74 0.81 0.00 | 36.14 0.72 0.00 | 27.27 0.39 0.00 | 25.65 0.45 0.00 |
| MARSHVLE_115KV_TB1 80742 | 24.63 1.40 0.00 | 24.72 1.35 0.00 | 22.10 1.12 0.00 | 19.56 0.94 0.00 | 19.37 0.92 0.00 | 21.35 1.06 0.00 | 23.38 1.27 0.00 | 22.36 1.05 0.00 | 19.48 0.68 0.00 | 19.01 0.63 0.00 | 18.76 0.60 0.00 | 22.46 0.77 0.00 | 24.51 0.90 0.00 | 25.18 0.97 0.00 | 24.76 1.02 0.00 | 23.96 1.05 0.00 | 34.75 1.55 0.00 | 41.52 2.02 0.00 | 39.10 2.22 0.00 | 32.34 1.99 0.00 | 39.27 2.34 0.00 | 37.78 2.35 0.00 | 28.61 1.72 0.00 | 26.71 1.52 0.00 |
| MARSH_HILL_WT_PWR 323713 | 23.84 0.61 0.00 | 23.90 0.54 0.00 | 21.35 0.37 0.00 | 19.01 0.39 0.00 | 18.79 0.35 0.00 | 20.73 0.44 0.00 | 22.81 0.70 0.00 | 21.93 0.62 0.00 | 19.20 0.40 0.00 | 18.81 0.43 0.00 | 18.58 0.43 0.00 | 22.28 0.59 0.00 | 24.46 0.86 0.00 | 25.04 0.83 0.00 | 24.31 0.57 0.00 | 23.63 0.72 0.00 | 34.33 1.14 0.00 | 41.21 1.70 0.00 | 38.88 2.00 0.00 | 31.91 1.57 0.00 | 38.38 1.45 0.00 | 36.95 1.52 0.00 | 28.18 1.29 0.00 | 25.91 0.71 0.00 |
| MCINTYRE_115KV_TB2 80467 | 23.62 0.39 0.00 | 23.77 0.41 0.00 | 21.31 0.32 0.00 | 18.86 0.25 0.00 | 18.86 0.42 0.00 | 20.83 0.54 0.00 | 22.75 0.64 0.00 | 21.92 0.61 0.00 | 19.22 0.42 0.00 | 18.73 0.35 0.00 | 18.50 0.34 0.00 | 22.15 0.46 0.00 | 24.12 0.51 0.00 | 24.82 0.61 0.00 | 24.20 0.47 0.00 | 23.14 0.22 0.00 | 33.69 0.49 0.00 | 39.88 0.38 0.00 | 37.22 0.34 0.00 | 30.91 0.57 0.00 | 37.80 0.87 0.00 | 36.43 1.00 0.00 | 27.64 0.75 0.00 | 26.05 0.85 0.00 |
| MECO_____69_KV_BK1 80468 | 24.69 1.46 0.00 | 24.76 1.40 0.00 | 22.18 1.20 0.00 | 19.66 1.04 0.00 | 19.46 1.02 0.00 | 21.42 1.12 0.00 | 23.39 1.28 0.00 | 22.40 1.09 0.00 | 19.39 0.59 0.00 | 18.74 0.37 0.00 | 18.45 0.29 0.00 | 22.05 0.36 0.00 | 24.03 0.43 0.00 | 24.69 0.48 0.00 | 24.26 0.53 0.00 | 23.52 0.61 0.00 | 34.28 1.08 0.00 | 41.19 1.68 0.00 | 39.19 2.31 0.00 | 32.64 2.29 0.00 | 39.74 2.81 0.00 | 38.10 2.67 0.00 | 28.82 1.93 0.00 | 26.83 1.63 0.00 |
| MENANDS___115KV_TB5 355628 | 23.50 0.27 0.00 | 23.65 0.29 0.00 | 21.40 0.42 0.00 | 19.03 0.42 0.00 | 18.86 0.42 0.00 | 20.67 0.38 0.00 | 22.38 0.27 0.00 | 21.64 0.32 0.00 | 19.08 0.29 0.00 | 18.57 0.19 0.00 | 18.32 0.16 0.00 | 21.88 0.19 0.00 | 23.77 0.17 0.00 | 24.37 0.16 0.00 | 23.98 0.25 0.00 | 23.27 0.36 0.00 | 33.64 0.44 0.00 | 40.20 0.70 0.00 | 37.60 0.72 0.00 | 31.01 0.67 0.00 | 37.84 0.91 0.00 | 36.17 0.74 0.00 | 27.44 0.56 0.00 | 25.55 0.36 0.00 |
| MG INDUSTRY___DRP 24185 | 23.58 0.35 0.00 | 23.73 0.37 0.00 | 21.45 0.47 0.00 | 19.08 0.46 0.00 | 18.90 0.45 0.00 | 20.73 0.44 0.00 | 22.48 0.37 0.00 | 21.70 0.40 0.00 | 19.12 0.32 0.00 | 18.58 0.20 0.00 | 18.31 0.15 0.00 | 21.86 0.16 0.00 | 23.75 0.14 0.00 | 24.35 0.14 0.00 | 23.95 0.21 0.00 | 23.23 0.32 0.00 | 33.63 0.43 0.00 | 40.22 0.71 0.00 | 37.66 0.78 0.00 | 31.07 0.72 0.00 | 37.89 0.96 0.00 | 36.25 0.82 0.00 | 27.50 0.61 0.00 | 25.63 0.43 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 22.62 -0.61 0.00 | 22.79 -0.57 0.00 | 20.46 -0.52 0.00 | 18.15 -0.47 0.00 | 18.20 -0.25 0.00 | 20.05 -0.24 0.00 | 21.87 -0.24 0.00 | 21.12 -0.19 0.00 | 18.57 -0.23 0.00 | 18.15 -0.23 0.00 | 17.94 -0.22 0.00 | 21.43 -0.27 0.00 | 23.34 -0.26 0.00 | 24.07 -0.13 0.00 | 23.56 -0.17 0.00 | 22.70 -0.21 0.00 | 33.13 -0.06 0.00 | 39.29 -0.21 0.00 | 36.90 0.02 0.00 | 30.47 0.13 0.00 | 37.30 0.36 0.00 | 35.78 0.35 0.00 | 27.12 0.23 0.00 | 25.41 0.22 0.00 |
| MID___RAQUETTE_HYD 23851 | 22.91 -0.32 0.00 | 23.07 -0.29 0.00 | 20.71 -0.27 0.00 | 18.36 -0.26 0.00 | 18.49 0.04 0.00 | 20.40 0.11 0.00 | 22.25 0.14 0.00 | 21.51 0.20 0.00 | 18.95 0.15 0.00 | 18.54 0.16 0.00 | 18.33 0.17 0.00 | 21.95 0.25 0.00 | 23.89 0.29 0.00 | 24.54 0.33 0.00 | 23.99 0.25 0.00 | 22.97 0.06 0.00 | 33.38 0.18 0.00 | 39.44 -0.06 0.00 | 36.89 0.01 0.00 | 30.44 0.09 0.00 | 37.13 0.19 0.00 | 35.75 0.32 0.00 | 27.12 0.24 0.00 | 25.56 0.36 0.00 |
| MILLIKEN___1 23584 | 23.42 0.19 0.00 | 23.52 0.16 0.00 | 21.10 0.12 0.00 | 18.75 0.13 0.00 | 18.53 0.09 0.00 | 20.41 0.12 0.00 | 22.30 0.19 0.00 | 21.46 0.14 0.00 | 18.86 0.06 0.00 | 18.38 0.01 0.00 | 18.14 -0.01 0.00 | 21.64 -0.06 0.00 | 23.60 -0.01 0.00 | 24.23 0.02 0.00 | 23.71 -0.03 0.00 | 23.06 0.15 0.00 | 33.46 0.27 0.00 | 40.05 0.55 0.00 | 37.62 0.74 0.00 | 31.01 0.67 0.00 | 37.67 0.74 0.00 | 36.11 0.68 0.00 | 27.32 0.43 0.00 | 25.40 0.20 0.00 |
| MILLIKEN___2 23585 | 23.42 0.19 0.00 | 23.52 0.16 0.00 | 21.10 0.12 0.00 | 18.75 0.13 0.00 | 18.53 0.09 0.00 | 20.41 0.12 0.00 | 22.30 0.19 0.00 | 21.46 0.14 0.00 | 18.86 0.06 0.00 | 18.38 0.01 0.00 | 18.14 -0.01 0.00 | 21.64 -0.06 0.00 | 23.60 -0.01 0.00 | 24.23 0.02 0.00 | 23.71 -0.03 0.00 | 23.06 0.15 0.00 | 33.46 0.27 0.00 | 40.05 0.55 0.00 | 37.62 0.74 0.00 | 31.01 0.67 0.00 | 37.67 0.74 0.00 | 36.11 0.68 0.00 | 27.32 0.43 0.00 | 25.40 0.20 0.00 |
| MILLIKEN___DIESEL 23629 | 23.42 0.19 0.00 | 23.52 0.16 0.00 | 21.10 0.12 0.00 | 18.75 0.13 0.00 | 18.53 0.09 0.00 | 20.41 0.12 0.00 | 22.30 0.19 0.00 | 21.46 0.14 0.00 | 18.86 0.06 0.00 | 18.38 0.01 0.00 | 18.14 -0.01 0.00 | 21.64 -0.06 0.00 | 23.60 -0.01 0.00 | 24.23 0.02 0.00 | 23.71 -0.03 0.00 | 23.06 0.15 0.00 | 33.46 0.27 0.00 | 40.05 0.55 0.00 | 37.62 0.74 0.00 | 31.01 0.67 0.00 | 37.67 0.74 0.00 | 36.11 0.68 0.00 | 27.32 0.43 0.00 | 25.40 0.20 0.00 |
| MILLSEAT___LFGE 323607 | 22.38 -0.86 0.00 | 22.56 -0.80 0.00 | 20.07 -0.92 0.00 | 17.85 -0.77 0.00 | 17.67 -0.78 0.00 | 19.54 -0.75 0.00 | 21.49 -0.62 0.00 | 20.53 -0.78 0.00 | 17.98 -0.82 0.00 | 17.77 -0.60 0.00 | 17.67 -0.49 0.00 | 21.31 -0.38 0.00 | 23.10 -0.51 0.00 | 23.73 -0.48 0.00 | 22.96 -0.77 0.00 | 22.43 -0.48 0.00 | 32.28 -0.91 0.00 | 38.47 -1.04 0.00 | 35.99 -0.89 0.00 | 29.34 -1.01 0.00 | 35.50 -1.43 0.00 | 34.57 -0.86 0.00 | 26.10 -0.78 0.00 | 24.25 -0.94 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 24.04 0.81 0.00 | 24.03 0.67 0.00 | 21.56 0.58 0.00 | 19.16 0.54 0.00 | 18.96 0.51 0.00 | 20.75 0.47 0.00 | 22.61 0.50 0.00 | 21.85 0.54 0.00 | 19.39 0.59 0.00 | 18.99 0.61 0.00 | 18.86 0.70 0.00 | 22.56 0.87 0.00 | 24.70 1.09 0.00 | 25.35 1.14 0.00 | 24.96 1.23 0.00 | 24.25 1.34 0.00 | 35.14 1.94 0.00 | 41.95 2.45 0.00 | 39.00 2.12 0.00 | 32.04 1.69 0.00 | 38.97 2.04 0.00 | 37.20 1.77 0.00 | 28.23 1.34 0.00 | 26.27 1.07 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 24.10 0.87 0.00 | 24.08 0.72 0.00 | 21.61 0.63 0.00 | 19.19 0.58 0.00 | 19.00 0.55 0.00 | 20.80 0.51 0.00 | 22.66 0.55 0.00 | 21.90 0.59 0.00 | 19.44 0.64 0.00 | 19.04 0.66 0.00 | 18.91 0.75 0.00 | 22.62 0.93 0.00 | 24.77 1.16 0.00 | 25.42 1.21 0.00 | 25.04 1.30 0.00 | 24.33 1.42 0.00 | 35.25 2.06 0.00 | 42.11 2.61 0.00 | 39.14 2.26 0.00 | 32.14 1.80 0.00 | 39.09 2.15 0.00 | 37.31 1.88 0.00 | 28.31 1.42 0.00 | 26.35 1.15 0.00 |
| MODEL_CITY_ENERGY 24167 | 21.69 -1.54 0.00 | 21.90 -1.46 0.00 | 19.47 -1.51 0.00 | 17.33 -1.28 0.00 | 17.17 -1.28 0.00 | 18.99 -1.30 0.00 | 20.90 -1.21 0.00 | 19.95 -1.36 0.00 | 17.48 -1.31 0.00 | 17.36 -1.02 0.00 | 17.29 -0.87 0.00 | 20.88 -0.81 0.00 | 22.62 -0.99 0.00 | 23.22 -0.99 0.00 | 22.41 -1.33 0.00 | 21.85 -1.06 0.00 | 31.22 -1.98 0.00 | 37.02 -2.49 0.00 | 34.51 -2.37 0.00 | 28.15 -2.20 0.00 | 34.04 -2.90 0.00 | 33.29 -2.14 0.00 | 25.19 -1.69 0.00 | 23.48 -1.72 0.00 |
| MODERN_LFGE___ 323580 | 21.69 -1.54 0.00 | 21.90 -1.46 0.00 | 19.47 -1.51 0.00 | 17.33 -1.28 0.00 | 17.17 -1.28 0.00 | 18.99 -1.30 0.00 | 20.90 -1.21 0.00 | 19.95 -1.36 0.00 | 17.48 -1.31 0.00 | 17.36 -1.02 0.00 | 17.29 -0.87 0.00 | 20.88 -0.81 0.00 | 22.62 -0.99 0.00 | 23.22 -0.99 0.00 | 22.41 -1.33 0.00 | 21.85 -1.06 0.00 | 31.22 -1.98 0.00 | 37.02 -2.49 0.00 | 34.51 -2.37 0.00 | 28.15 -2.20 0.00 | 34.04 -2.90 0.00 | 33.29 -2.14 0.00 | 25.19 -1.69 0.00 | 23.48 -1.72 0.00 |
| MOHAWK_PAPER___DRP 24187 | 23.64 0.41 0.00 | 23.79 0.43 0.00 | 21.50 0.52 0.00 | 19.11 0.49 0.00 | 18.93 0.49 0.00 | 20.75 0.47 0.00 | 22.48 0.37 0.00 | 21.72 0.41 0.00 | 19.15 0.35 0.00 | 18.64 0.26 0.00 | 18.39 0.23 0.00 | 21.96 0.26 0.00 | 23.88 0.27 0.00 | 24.49 0.27 0.00 | 24.10 0.36 0.00 | 23.38 0.47 0.00 | 33.83 0.63 0.00 | 40.45 0.94 0.00 | 37.86 0.98 0.00 | 31.23 0.89 0.00 | 38.10 1.17 0.00 | 36.43 1.00 0.00 | 27.62 0.73 0.00 | 25.71 0.52 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 24.65 1.42 0.00 | 24.66 1.30 0.00 | 22.25 1.27 0.00 | 19.77 1.16 0.00 | 19.54 1.09 0.00 | 21.45 1.16 0.00 | 23.30 1.19 0.00 | 22.36 1.05 0.00 | 19.64 0.84 0.00 | 19.07 0.70 0.00 | 18.77 0.61 0.00 | 22.44 0.74 0.00 | 24.49 0.88 0.00 | 25.13 0.93 0.00 | 24.72 0.99 0.00 | 24.03 1.12 0.00 | 34.98 1.78 0.00 | 42.15 2.65 0.00 | 39.72 2.84 0.00 | 32.88 2.54 0.00 | 40.05 3.11 0.00 | 38.15 2.72 0.00 | 28.99 2.10 0.00 | 26.93 1.73 0.00 |
| MONGAUP___HYD 23641 | 24.06 0.83 0.00 | 24.05 0.69 0.00 | 21.58 0.60 0.00 | 19.16 0.55 0.00 | 18.97 0.52 0.00 | 20.80 0.50 0.00 | 22.67 0.55 0.00 | 21.87 0.56 0.00 | 19.31 0.52 0.00 | 18.81 0.43 0.00 | 18.58 0.42 0.00 | 22.19 0.50 0.00 | 24.26 0.66 0.00 | 24.92 0.71 0.00 | 24.54 0.80 0.00 | 23.83 0.92 0.00 | 34.63 1.43 0.00 | 41.53 2.03 0.00 | 38.87 1.98 0.00 | 32.04 1.70 0.00 | 39.02 2.08 0.00 | 37.32 1.89 0.00 | 28.27 1.39 0.00 | 26.30 1.10 0.00 |
| MONTAUK___DIESEL 23721 | 24.94 1.71 0.00 | 24.60 1.24 0.00 | 21.96 0.97 0.00 | 19.67 1.06 0.00 | 19.55 1.10 0.00 | 21.62 1.33 0.00 | 23.72 1.61 0.00 | 22.91 1.60 0.00 | 20.55 1.76 0.00 | 22.43 1.90 -2.16 | 24.03 2.00 -3.87 | 33.02 2.48 -8.84 | 33.87 2.79 -7.48 | 33.28 2.97 -6.11 | 26.60 2.86 0.00 | 26.02 3.11 0.00 | 37.50 4.30 0.00 | 44.97 5.47 0.00 | 41.51 4.63 0.00 | 33.92 3.57 0.00 | 41.43 4.50 0.00 | 39.04 3.62 0.00 | 29.77 2.89 0.00 | 27.57 2.37 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 22.79 -0.44 0.00 | 22.87 -0.49 0.00 | 20.35 -0.64 0.00 | 18.09 -0.52 0.00 | 17.88 -0.57 0.00 | 19.76 -0.53 0.00 | 21.74 -0.37 0.00 | 20.80 -0.51 0.00 | 18.35 -0.44 0.00 | 18.17 -0.21 0.00 | 18.11 -0.05 0.00 | 21.84 0.14 0.00 | 23.82 0.21 0.00 | 24.50 0.29 0.00 | 23.67 -0.06 0.00 | 23.12 0.21 0.00 | 33.18 -0.01 0.00 | 39.59 0.09 0.00 | 36.90 0.02 0.00 | 30.14 -0.20 0.00 | 36.46 -0.47 0.00 | 35.40 -0.03 0.00 | 26.67 -0.21 0.00 | 24.66 -0.54 0.00 |

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| MORRIS_RIDGE___SOLAR 323848 | 22.49 -0.75 0.00 | 22.60 -0.76 0.00 | 20.18 -0.80 0.00 | 17.97 -0.64 0.00 | 17.76 -0.69 0.00 | 19.61 -0.68 0.00 | 21.53 -0.58 0.00 | 20.60 -0.71 0.00 | 18.10 -0.70 0.00 | 17.85 -0.53 0.00 | 17.75 -0.41 0.00 | 21.35 -0.34 0.00 | 23.27 -0.33 0.00 | 23.91 -0.30 0.00 | 23.18 -0.56 0.00 | 22.61 -0.30 0.00 | 32.53 -0.67 0.00 | 38.78 -0.73 0.00 | 36.13 -0.75 0.00 | 29.54 -0.81 0.00 | 35.74 -1.20 0.00 | 34.73 -0.70 0.00 | 26.25 -0.63 0.00 | 24.33 -0.87 0.00 |
| MORTIMER_115KV_TB3 55949 | 22.53 -0.70 0.00 | 22.70 -0.66 0.00 | 20.26 -0.72 0.00 | 18.01 -0.61 0.00 | 17.82 -0.63 0.00 | 19.66 -0.63 0.00 | 21.56 -0.56 0.00 | 20.65 -0.67 0.00 | 18.14 -0.66 0.00 | 17.90 -0.48 0.00 | 17.76 -0.40 0.00 | 21.33 -0.36 0.00 | 23.20 -0.41 0.00 | 23.82 -0.39 0.00 | 23.16 -0.57 0.00 | 22.55 -0.37 0.00 | 32.53 -0.67 0.00 | 38.75 -0.75 0.00 | 36.23 -0.65 0.00 | 29.60 -0.74 0.00 | 35.87 -1.06 0.00 | 34.71 -0.73 0.00 | 26.23 -0.65 0.00 | 24.40 -0.80 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 24.19 0.96 0.00 | 24.16 0.80 0.00 | 21.67 0.69 0.00 | 19.27 0.65 0.00 | 19.06 0.61 0.00 | 20.85 0.56 0.00 | 22.72 0.61 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.74 0.00 | 19.00 0.84 0.00 | 22.73 1.03 0.00 | 24.89 1.28 0.00 | 25.54 1.34 0.00 | 25.16 1.42 0.00 | 24.46 1.54 0.00 | 35.42 2.23 0.00 | 42.27 2.76 0.00 | 39.26 2.37 0.00 | 32.24 1.90 0.00 | 39.19 2.26 0.00 | 37.43 2.00 0.00 | 28.42 1.53 0.00 | 26.44 1.25 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 24.56 1.33 0.00 | 24.58 1.22 0.00 | 22.02 1.04 0.00 | 19.59 0.97 0.00 | 19.38 0.93 0.00 | 21.34 1.05 0.00 | 23.37 1.26 0.00 | 22.43 1.11 0.00 | 19.63 0.83 0.00 | 18.99 0.61 0.00 | 18.73 0.57 0.00 | 22.36 0.66 0.00 | 24.42 0.82 0.00 | 25.11 0.90 0.00 | 24.56 0.82 0.00 | 23.94 1.03 0.00 | 35.04 1.85 0.00 | 42.05 2.55 0.00 | 39.74 2.86 0.00 | 32.88 2.54 0.00 | 39.95 3.01 0.00 | 38.30 2.87 0.00 | 28.85 1.97 0.00 | 26.72 1.52 0.00 |
| N SALMON___HYD 24042 | 23.13 -0.10 0.00 | 23.30 -0.06 0.00 | 20.99 0.01 0.00 | 18.62 0.01 0.00 | 18.55 0.10 0.00 | 20.47 0.18 0.00 | 22.46 0.35 0.00 | 21.76 0.45 0.00 | 19.18 0.38 0.00 | 18.69 0.31 0.00 | 18.46 0.30 0.00 | 22.12 0.42 0.00 | 24.07 0.46 0.00 | 24.65 0.44 0.00 | 24.07 0.34 0.00 | 23.18 0.27 0.00 | 33.63 0.43 0.00 | 39.77 0.26 0.00 | 37.49 0.61 0.00 | 31.04 0.70 0.00 | 37.72 0.78 0.00 | 36.21 0.78 0.00 | 27.36 0.47 0.00 | 25.74 0.54 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 22.28 -0.95 0.00 | 22.47 -0.89 0.00 | 19.97 -1.01 0.00 | 17.77 -0.84 0.00 | 17.59 -0.85 0.00 | 19.46 -0.83 0.00 | 21.41 -0.70 0.00 | 20.43 -0.88 0.00 | 17.92 -0.88 0.00 | 17.74 -0.64 0.00 | 17.65 -0.51 0.00 | 21.30 -0.40 0.00 | 23.08 -0.53 0.00 | 23.70 -0.51 0.00 | 22.92 -0.82 0.00 | 22.41 -0.50 0.00 | 32.18 -1.02 0.00 | 38.27 -1.23 0.00 | 35.75 -1.13 0.00 | 29.14 -1.20 0.00 | 35.25 -1.68 0.00 | 34.37 -1.06 0.00 | 25.96 -0.92 0.00 | 24.13 -1.06 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 24.49 1.26 0.00 | 24.42 1.06 0.00 | 21.88 0.90 0.00 | 19.42 0.81 0.00 | 19.22 0.77 0.00 | 21.05 0.76 0.00 | 22.94 0.83 0.00 | 22.16 0.85 0.00 | 19.75 0.95 0.00 | 21.55 1.02 -2.16 | 23.15 1.12 -3.87 | 31.92 1.38 -8.84 | 32.77 1.69 -7.48 | 32.04 1.72 -6.11 | 25.35 1.61 0.00 | 24.68 1.77 0.00 | 35.75 2.55 0.00 | 42.79 3.28 0.00 | 39.66 2.78 0.00 | 32.53 2.19 0.00 | 39.66 2.73 0.00 | 37.86 2.42 0.00 | 28.79 1.90 0.00 | 26.80 1.61 0.00 |
| N.E_GEN_SANDY PD 24062 | 23.81 0.58 0.00 | 23.93 0.57 0.00 | 21.56 0.57 0.00 | 19.16 0.55 0.00 | 20.02 0.55 -1.02 | 20.81 0.52 0.00 | 22.57 0.46 0.00 | 21.88 0.49 -0.08 | 19.26 0.47 0.00 | 18.99 0.41 -0.19 | 18.56 0.40 0.00 | 22.17 0.47 0.00 | 24.17 0.56 0.00 | 24.41 0.55 0.35 | 24.66 0.62 -0.30 | 23.28 0.69 0.31 | 34.13 0.93 0.00 | 42.06 1.28 -1.28 | 37.89 1.22 0.21 | 31.46 1.11 -0.01 | 38.43 1.50 0.00 | 36.73 1.30 0.00 | 27.87 0.98 0.00 | 26.26 0.74 -0.33 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 24.03 0.80 0.00 | 24.00 0.64 0.00 | 21.52 0.54 0.00 | 19.12 0.50 0.00 | 18.92 0.48 0.00 | 20.72 0.43 0.00 | 22.59 0.47 0.00 | 21.82 0.51 0.00 | 19.35 0.56 0.00 | 18.96 0.59 0.00 | 18.84 0.68 0.00 | 22.55 0.86 0.00 | 24.70 1.10 0.00 | 25.37 1.16 0.00 | 24.99 1.26 0.00 | 24.29 1.38 0.00 | 35.21 2.01 0.00 | 42.04 2.54 0.00 | 39.06 2.18 0.00 | 32.07 1.73 0.00 | 38.98 2.04 0.00 | 37.19 1.76 0.00 | 28.21 1.33 0.00 | 26.27 1.07 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 24.31 1.08 0.00 | 24.26 0.90 0.00 | 21.76 0.78 0.00 | 19.35 0.73 0.00 | 19.12 0.68 0.00 | 20.91 0.62 0.00 | 22.82 0.70 0.00 | 22.05 0.74 0.00 | 19.60 0.80 0.00 | 19.19 0.81 0.00 | 19.09 0.94 0.00 | 22.84 1.15 0.00 | 25.03 1.42 0.00 | 25.67 1.46 0.00 | 25.32 1.58 0.00 | 24.60 1.69 0.00 | 35.60 2.41 0.00 | 42.46 2.96 0.00 | 39.40 2.52 0.00 | 32.37 2.03 0.00 | 39.31 2.37 0.00 | 37.62 2.18 0.00 | 28.59 1.70 0.00 | 26.56 1.37 0.00 |
| N.TROY___115KV_TB1 355778 | 23.85 0.62 0.00 | 24.01 0.64 0.00 | 21.65 0.67 0.00 | 19.24 0.63 0.00 | 19.07 0.62 0.00 | 20.91 0.62 0.00 | 22.64 0.53 0.00 | 21.84 0.53 0.00 | 19.25 0.45 0.00 | 18.74 0.36 0.00 | 18.47 0.31 0.00 | 22.06 0.37 0.00 | 24.01 0.40 0.00 | 24.61 0.40 0.00 | 24.20 0.47 0.00 | 23.46 0.55 0.00 | 33.96 0.77 0.00 | 40.63 1.13 0.00 | 38.08 1.20 0.00 | 31.44 1.10 0.00 | 38.42 1.49 0.00 | 36.72 1.29 0.00 | 27.86 0.97 0.00 | 25.94 0.75 0.00 |
| NARROWS_GT1_1 24228 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT1_2 24229 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT1_3 24230 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT1_4 24231 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|
| NARROWS_GT1_5 24232 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT1_6 24233 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT1_7 24234 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT1_8 24235 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT2_1 24236 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT2_2 24237 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT2_3 24238 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT2_4 24239 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT2_5 24240 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT2_6 24241 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT2_7 24242 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NARROWS_GT2_8 24243 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 23.92 0.69 0.00 | 24.08 0.72 0.00 | 21.81 0.83 0.00 | 19.40 0.78 0.00 | 19.22 0.77 0.00 | 21.08 0.80 0.00 | 22.84 0.73 0.00 | 22.07 0.76 0.00 | 19.39 0.59 0.00 | 18.73 0.35 0.00 | 18.40 0.24 0.00 | 21.95 0.25 0.00 | 23.81 0.20 0.00 | 24.47 0.26 0.00 | 24.07 0.33 0.00 | 23.40 0.49 0.00 | 33.94 0.75 0.00 | 40.78 1.28 0.00 | 38.47 1.59 0.00 | 31.79 1.45 0.00 | 38.79 1.86 0.00 | 37.04 1.61 0.00 | 28.02 1.13 0.00 | 26.03 0.83 0.00 |
| NCHELSEA_115KV_TR2 355582 | 24.16 0.93 0.00 | 24.15 0.79 0.00 | 21.67 0.69 0.00 | 19.25 0.64 0.00 | 19.06 0.61 0.00 | 20.87 0.58 0.00 | 22.75 0.64 0.00 | 21.98 0.67 0.00 | 19.49 0.69 0.00 | 19.08 0.70 0.00 | 18.92 0.77 0.00 | 22.64 0.95 0.00 | 24.79 1.18 0.00 | 25.47 1.26 0.00 | 25.07 1.34 0.00 | 24.36 1.45 0.00 | 35.34 2.14 0.00 | 42.25 2.75 0.00 | 39.32 2.44 0.00 | 32.30 1.95 0.00 | 39.27 2.33 0.00 | 37.47 2.04 0.00 | 28.40 1.51 0.00 | 26.41 1.22 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 24.32 1.09 0.00 | 24.42 1.06 0.00 | 22.00 1.02 0.00 | 19.56 0.94 0.00 | 19.35 0.90 0.00 | 21.24 0.95 0.00 | 23.03 0.92 0.00 | 22.17 0.86 0.00 | 19.52 0.73 0.00 | 19.00 0.62 0.00 | 18.73 0.57 0.00 | 22.39 0.69 0.00 | 24.40 0.79 0.00 | 25.04 0.83 0.00 | 24.66 0.92 0.00 | 23.92 1.01 0.00 | 34.73 1.54 0.00 | 41.70 2.20 0.00 | 39.14 2.26 0.00 | 32.30 1.96 0.00 | 39.38 2.45 0.00 | 37.59 2.16 0.00 | 28.50 1.61 0.00 | 26.50 1.31 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG CENTRAL_HIGH_ACRES 23767 | 22.28 -0.94 0.00 | 22.45 -0.91 0.00 | 20.06 -0.92 0.00 | 17.81 -0.80 0.00 | 17.63 -0.82 0.00 | 19.44 -0.85 0.00 | 21.30 -0.81 0.00 | 20.43 -0.88 0.00 | 17.95 -0.85 0.00 | 17.68 -0.70 0.00 | 17.52 -0.64 0.00 | 21.03 -0.66 0.00 | 22.87 -0.74 0.00 | 23.48 -0.73 0.00 | 22.87 -0.87 0.00 | 22.26 -0.64 0.00 | 32.17 -1.03 0.00 | 38.37 -1.14 0.00 | 35.87 -1.01 0.00 | 29.32 -1.03 0.00 | 35.54 -1.39 0.00 | 34.31 -1.13 0.00 | 25.92 -0.96 0.00 | 24.13 -1.07 0.00 |
| NEG CENTRAL___DRP 24199 | 23.02 -0.21 0.00 | 23.14 -0.22 0.00 | 20.74 -0.25 0.00 | 18.43 -0.19 0.00 | 18.21 -0.23 0.00 | 20.07 -0.22 0.00 | 21.96 -0.15 0.00 | 21.11 -0.20 0.00 | 18.56 -0.24 0.00 | 18.16 -0.22 0.00 | 17.94 -0.22 0.00 | 21.45 -0.25 0.00 | 23.37 -0.23 0.00 | 24.00 -0.21 0.00 | 23.44 -0.29 0.00 | 22.81 -0.10 0.00 | 33.03 -0.16 0.00 | 39.54 0.03 0.00 | 37.06 0.18 0.00 | 30.48 0.13 0.00 | 36.87 -0.06 0.00 | 35.47 0.04 0.00 | 26.86 -0.03 0.00 | 24.94 -0.26 0.00 |
| NEG CENTRAL___INDECK 23768 | 23.21 -0.03 0.00 | 23.31 -0.05 0.00 | 20.80 -0.18 0.00 | 18.51 -0.10 0.00 | 18.30 -0.14 0.00 | 20.20 -0.09 0.00 | 22.19 0.08 0.00 | 21.26 -0.05 0.00 | 18.52 -0.27 0.00 | 18.15 -0.22 0.00 | 18.03 -0.13 0.00 | 21.70 0.00 0.00 | 23.61 0.01 0.00 | 24.25 0.04 0.00 | 23.56 -0.18 0.00 | 22.96 0.05 0.00 | 33.12 -0.07 0.00 | 39.58 0.08 0.00 | 37.55 0.66 0.00 | 30.64 0.29 0.00 | 37.21 0.27 0.00 | 36.06 0.62 0.00 | 27.18 0.30 0.00 | 25.17 -0.03 0.00 |
| NEG CENTRAL___SENECA 23627 | 23.02 -0.21 0.00 | 23.12 -0.24 0.00 | 20.70 -0.28 0.00 | 18.41 -0.21 0.00 | 18.20 -0.25 0.00 | 20.05 -0.23 0.00 | 21.98 -0.14 0.00 | 21.10 -0.21 0.00 | 18.53 -0.27 0.00 | 18.14 -0.23 0.00 | 17.94 -0.21 0.00 | 21.48 -0.21 0.00 | 23.43 -0.17 0.00 | 24.07 -0.14 0.00 | 23.47 -0.27 0.00 | 22.87 -0.04 0.00 | 33.08 -0.11 0.00 | 39.65 0.14 0.00 | 37.15 0.27 0.00 | 30.58 0.23 0.00 | 36.90 -0.03 0.00 | 35.61 0.18 0.00 | 26.94 0.05 0.00 | 24.95 -0.25 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 23.19 -0.04 0.00 | 23.33 -0.03 0.00 | 20.98 -0.01 0.00 | 18.62 0.01 0.00 | 18.38 -0.07 0.00 | 20.28 -0.01 0.00 | 22.13 0.02 0.00 | 21.32 0.01 0.00 | 18.76 -0.04 0.00 | 18.32 -0.06 0.00 | 18.10 -0.06 0.00 | 21.55 -0.14 0.00 | 23.49 -0.12 0.00 | 24.11 -0.10 0.00 | 23.61 -0.13 0.00 | 22.93 0.02 0.00 | 33.26 0.07 0.00 | 39.67 0.16 0.00 | 37.26 0.38 0.00 | 30.65 0.31 0.00 | 37.22 0.29 0.00 | 35.61 0.18 0.00 | 27.01 0.12 0.00 | 25.16 -0.04 0.00 |
| NEG MILLWOOD___DRP 24198 | 24.22 0.99 0.00 | 24.21 0.84 0.00 | 21.72 0.73 0.00 | 19.30 0.69 0.00 | 19.10 0.65 0.00 | 20.91 0.62 0.00 | 22.80 0.68 0.00 | 22.03 0.72 0.00 | 19.55 0.76 0.00 | 19.15 0.78 0.00 | 19.02 0.86 0.00 | 22.75 1.06 0.00 | 24.91 1.31 0.00 | 25.59 1.38 0.00 | 25.19 1.46 0.00 | 24.48 1.57 0.00 | 35.51 2.31 0.00 | 42.44 2.94 0.00 | 39.47 2.59 0.00 | 32.41 2.06 0.00 | 39.41 2.47 0.00 | 37.60 2.17 0.00 | 28.49 1.60 0.00 | 26.48 1.29 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 23.48 0.24 0.00 | 23.66 0.30 0.00 | 21.41 0.43 0.00 | 19.06 0.44 0.00 | 18.90 0.46 0.00 | 20.77 0.48 0.00 | 22.81 0.70 0.00 | 22.08 0.77 0.00 | 19.32 0.52 0.00 | 18.73 0.36 0.00 | 18.48 0.32 0.00 | 22.12 0.43 0.00 | 24.13 0.53 0.00 | 24.69 0.48 0.00 | 24.10 0.36 0.00 | 23.35 0.44 0.00 | 33.92 0.72 0.00 | 40.05 0.55 0.00 | 38.24 1.35 0.00 | 31.88 1.54 0.00 | 38.68 1.75 0.00 | 36.95 1.52 0.00 | 27.84 0.95 0.00 | 26.12 0.92 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 23.05 -0.18 0.00 | 23.25 -0.12 0.00 | 20.97 -0.01 0.00 | 18.61 0.00 0.00 | 18.47 0.02 0.00 | 20.38 0.09 0.00 | 22.39 0.28 0.00 | 21.68 0.37 0.00 | 19.09 0.29 0.00 | 18.58 0.20 0.00 | 18.34 0.18 0.00 | 21.96 0.27 0.00 | 23.90 0.30 0.00 | 24.45 0.24 0.00 | 23.87 0.14 0.00 | 23.03 0.12 0.00 | 33.39 0.20 0.00 | 39.45 -0.05 0.00 | 37.27 0.39 0.00 | 30.94 0.60 0.00 | 37.51 0.58 0.00 | 36.00 0.58 0.00 | 27.20 0.31 0.00 | 25.59 0.40 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 23.42 0.19 0.00 | 23.60 0.24 0.00 | 21.34 0.36 0.00 | 18.98 0.37 0.00 | 18.82 0.38 0.00 | 20.70 0.41 0.00 | 22.74 0.63 0.00 | 22.03 0.72 0.00 | 19.32 0.52 0.00 | 18.74 0.37 0.00 | 18.50 0.34 0.00 | 22.13 0.44 0.00 | 24.15 0.54 0.00 | 24.69 0.48 0.00 | 24.11 0.37 0.00 | 23.34 0.43 0.00 | 33.92 0.72 0.00 | 40.08 0.57 0.00 | 38.17 1.29 0.00 | 31.78 1.43 0.00 | 38.57 1.64 0.00 | 36.86 1.43 0.00 | 27.77 0.88 0.00 | 26.07 0.87 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 23.42 0.19 0.00 | 23.60 0.24 0.00 | 21.34 0.36 0.00 | 18.98 0.37 0.00 | 18.82 0.38 0.00 | 20.70 0.41 0.00 | 22.74 0.63 0.00 | 22.03 0.72 0.00 | 19.32 0.52 0.00 | 18.74 0.37 0.00 | 18.50 0.34 0.00 | 22.13 0.44 0.00 | 24.15 0.54 0.00 | 24.69 0.48 0.00 | 24.11 0.37 0.00 | 23.34 0.43 0.00 | 33.92 0.72 0.00 | 40.08 0.57 0.00 | 38.17 1.29 0.00 | 31.78 1.43 0.00 | 38.57 1.64 0.00 | 36.86 1.43 0.00 | 27.77 0.88 0.00 | 26.07 0.87 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 23.42 0.19 0.00 | 23.60 0.24 0.00 | 21.34 0.35 0.00 | 18.98 0.37 0.00 | 18.82 0.38 0.00 | 20.70 0.41 0.00 | 22.74 0.63 0.00 | 22.03 0.72 0.00 | 19.32 0.52 0.00 | 18.75 0.37 0.00 | 18.50 0.34 0.00 | 22.13 0.44 0.00 | 24.15 0.54 0.00 | 24.69 0.48 0.00 | 24.11 0.37 0.00 | 23.34 0.43 0.00 | 33.92 0.72 0.00 | 40.08 0.57 0.00 | 38.17 1.29 0.00 | 31.78 1.43 0.00 | 38.57 1.64 0.00 | 36.86 1.43 0.00 | 27.77 0.88 0.00 | 26.07 0.87 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 21.89 -1.34 0.00 | 22.10 -1.26 0.00 | 19.65 -1.33 0.00 | 17.49 -1.13 0.00 | 17.32 -1.13 0.00 | 19.15 -1.14 0.00 | 21.08 -1.03 0.00 | 20.10 -1.21 0.00 | 17.63 -1.16 0.00 | 17.51 -0.87 0.00 | 17.43 -0.72 0.00 | 21.03 -0.67 0.00 | 22.82 -0.78 0.00 | 23.43 -0.78 0.00 | 22.61 -1.12 0.00 | 22.05 -0.86 0.00 | 31.55 -1.65 0.00 | 37.44 -2.06 0.00 | 34.91 -1.97 0.00 | 28.47 -1.87 0.00 | 34.44 -2.50 0.00 | 33.65 -1.78 0.00 | 25.45 -1.43 0.00 | 23.70 -1.50 0.00 |
| NEG WEST___LANCASTER 23811 | 22.49 -0.74 0.00 | 22.64 -0.72 0.00 | 20.18 -0.80 0.00 | 17.98 -0.64 0.00 | 17.77 -0.68 0.00 | 19.64 -0.65 0.00 | 21.58 -0.53 0.00 | 20.62 -0.69 0.00 | 18.13 -0.66 0.00 | 17.97 -0.41 0.00 | 17.88 -0.28 0.00 | 21.53 -0.17 0.00 | 23.43 -0.17 0.00 | 24.08 -0.13 0.00 | 23.27 -0.47 0.00 | 22.69 -0.22 0.00 | 32.60 -0.59 0.00 | 38.77 -0.73 0.00 | 36.06 -0.83 0.00 | 29.44 -0.90 0.00 | 35.64 -1.29 0.00 | 34.66 -0.78 0.00 | 26.18 -0.71 0.00 | 24.30 -0.90 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 23.15 -0.08 0.00 | 23.23 -0.13 0.00 | 20.83 -0.15 0.00 | 18.53 -0.08 0.00 | 18.32 -0.13 0.00 | 20.16 -0.13 0.00 | 22.04 -0.08 0.00 | 21.19 -0.12 0.00 | 18.68 -0.12 0.00 | 18.28 -0.10 0.00 | 18.09 -0.07 0.00 | 21.66 -0.04 0.00 | 23.65 0.04 0.00 | 24.29 0.08 0.00 | 23.74 0.00 0.00 | 23.10 0.19 0.00 | 33.44 0.24 0.00 | 39.99 0.48 0.00 | 37.28 0.39 0.00 | 30.61 0.27 0.00 | 37.16 0.23 0.00 | 35.68 0.25 0.00 | 26.99 0.10 0.00 | 25.06 -0.13 0.00 |
| NEG___GEN_MONROE 24207 | 22.64 -0.59 0.00 | 22.81 -0.55 0.00 | 20.34 -0.64 0.00 | 18.08 -0.54 0.00 | 17.88 -0.56 0.00 | 19.74 -0.55 0.00 | 21.66 -0.45 0.00 | 20.74 -0.57 0.00 | 18.19 -0.61 0.00 | 17.94 -0.44 0.00 | 17.79 -0.37 0.00 | 21.38 -0.32 0.00 | 23.23 -0.37 0.00 | 23.86 -0.34 0.00 | 23.20 -0.54 0.00 | 22.59 -0.32 0.00 | 32.62 -0.57 0.00 | 38.94 -0.56 0.00 | 36.46 -0.42 0.00 | 29.78 -0.56 0.00 | 36.09 -0.84 0.00 | 34.93 -0.50 0.00 | 26.39 -0.50 0.00 | 24.53 -0.67 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEPA___ENERGY 23901 | 22.28 -0.95 0.00 | 22.34 -1.02 0.00 | 19.94 -1.04 0.00 | 17.79 -0.83 0.00 | 17.55 -0.89 0.00 | 19.39 -0.90 0.00 | 21.34 -0.77 0.00 | 20.39 -0.93 0.00 | 17.94 -0.85 0.00 | 17.70 -0.68 0.00 | 17.65 -0.51 0.00 | 21.27 -0.42 0.00 | 23.25 -0.35 0.00 | 23.93 -0.28 0.00 | 23.15 -0.59 0.00 | 22.62 -0.29 0.00 | 32.50 -0.69 0.00 | 38.80 -0.70 0.00 | 36.01 -0.88 0.00 | 29.43 -0.91 0.00 | 35.59 -1.34 0.00 | 34.51 -0.92 0.00 | 26.03 -0.86 0.00 | 24.06 -1.14 0.00 |
| NEVERSink___HYD 23608 | 23.33 0.10 0.00 | 23.30 -0.06 0.00 | 20.88 -0.10 0.00 | 18.54 -0.08 0.00 | 18.35 -0.09 0.00 | 20.12 -0.17 0.00 | 21.92 -0.19 0.00 | 21.17 -0.14 0.00 | 18.77 -0.03 0.00 | 18.35 -0.03 0.00 | 18.18 0.03 0.00 | 21.73 0.04 0.00 | 23.78 0.17 0.00 | 24.46 0.25 0.00 | 24.10 0.36 0.00 | 23.42 0.51 0.00 | 34.05 0.86 0.00 | 40.78 1.27 0.00 | 38.03 1.15 0.00 | 31.24 0.90 0.00 | 37.96 1.02 0.00 | 36.21 0.78 0.00 | 27.46 0.57 0.00 | 25.54 0.34 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 23.39 0.16 0.00 | 23.55 0.18 0.00 | 21.33 0.35 0.00 | 18.98 0.36 0.00 | 18.80 0.36 0.00 | 20.60 0.31 0.00 | 22.31 0.20 0.00 | 21.58 0.28 0.00 | 19.03 0.23 0.00 | 18.50 0.12 0.00 | 18.26 0.10 0.00 | 21.81 0.11 0.00 | 23.69 0.08 0.00 | 24.29 0.08 0.00 | 23.90 0.17 0.00 | 23.21 0.30 0.00 | 33.56 0.36 0.00 | 40.10 0.60 0.00 | 37.50 0.62 0.00 | 30.91 0.57 0.00 | 37.70 0.76 0.00 | 36.02 0.59 0.00 | 27.32 0.43 0.00 | 25.45 0.25 0.00 |
| NEWTON___FALLS_HYD 23847 | 22.62 -0.61 0.00 | 22.79 -0.57 0.00 | 20.46 -0.52 0.00 | 18.15 -0.47 0.00 | 18.20 -0.25 0.00 | 20.05 -0.24 0.00 | 21.87 -0.24 0.00 | 21.12 -0.19 0.00 | 18.57 -0.23 0.00 | 18.15 -0.23 0.00 | 17.94 -0.22 0.00 | 21.43 -0.27 0.00 | 23.34 -0.26 0.00 | 24.07 -0.13 0.00 | 23.56 -0.17 0.00 | 22.70 -0.21 0.00 | 33.13 -0.06 0.00 | 39.29 -0.21 0.00 | 36.90 0.02 0.00 | 30.47 0.13 0.00 | 37.30 0.36 0.00 | 35.78 0.35 0.00 | 27.12 0.23 0.00 | 25.41 0.22 0.00 |
| NGRID_A1_DSASP 323792 | 21.47 -1.77 0.00 | 21.70 -1.66 0.00 | 19.30 -1.69 0.00 | 17.17 -1.44 0.00 | 17.01 -1.44 0.00 | 18.81 -1.48 0.00 | 20.70 -1.41 0.00 | 19.75 -1.56 0.00 | 17.32 -1.48 0.00 | 17.22 -1.15 0.00 | 17.16 -0.99 0.00 | 20.73 -0.97 0.00 | 22.45 -1.16 0.00 | 23.04 -1.17 0.00 | 22.21 -1.53 0.00 | 21.63 -1.28 0.00 | 30.88 -2.32 0.00 | 36.56 -2.94 0.00 | 34.06 -2.82 0.00 | 27.78 -2.57 0.00 | 33.59 -3.34 0.00 | 32.89 -2.54 0.00 | 24.91 -1.98 0.00 | 23.23 -1.96 0.00 |
| NGRID_A2_DSASP 323793 | 21.47 -1.77 0.00 | 21.70 -1.66 0.00 | 19.30 -1.69 0.00 | 17.17 -1.44 0.00 | 17.01 -1.44 0.00 | 18.81 -1.48 0.00 | 20.70 -1.41 0.00 | 19.75 -1.56 0.00 | 17.32 -1.48 0.00 | 17.22 -1.15 0.00 | 17.16 -0.99 0.00 | 20.73 -0.97 0.00 | 22.45 -1.16 0.00 | 23.04 -1.17 0.00 | 22.21 -1.53 0.00 | 21.63 -1.28 0.00 | 30.88 -2.32 0.00 | 36.56 -2.94 0.00 | 34.06 -2.82 0.00 | 27.78 -2.57 0.00 | 33.59 -3.34 0.00 | 32.89 -2.54 0.00 | 24.91 -1.98 0.00 | 23.23 -1.96 0.00 |
| NGRID_A4_DSASP 323807 | 21.47 -1.77 0.00 | 21.70 -1.66 0.00 | 19.30 -1.69 0.00 | 17.17 -1.44 0.00 | 17.01 -1.44 0.00 | 18.81 -1.48 0.00 | 20.70 -1.41 0.00 | 19.75 -1.56 0.00 | 17.32 -1.48 0.00 | 17.22 -1.15 0.00 | 17.16 -0.99 0.00 | 20.73 -0.97 0.00 | 22.45 -1.16 0.00 | 23.04 -1.17 0.00 | 22.21 -1.53 0.00 | 21.63 -1.28 0.00 | 30.88 -2.32 0.00 | 36.56 -2.94 0.00 | 34.06 -2.82 0.00 | 27.78 -2.57 0.00 | 33.59 -3.34 0.00 | 32.89 -2.54 0.00 | 24.91 -1.98 0.00 | 23.23 -1.96 0.00 |
| NIAGARA_115E_LBMP 323715 | 21.57 -1.67 0.00 | 21.79 -1.57 0.00 | 19.37 -1.61 0.00 | 17.24 -1.38 0.00 | 17.08 -1.37 0.00 | 18.89 -1.40 0.00 | 20.80 -1.31 0.00 | 19.84 -1.47 0.00 | 17.39 -1.41 0.00 | 17.28 -1.10 0.00 | 17.21 -0.95 0.00 | 20.78 -0.92 0.00 | 22.51 -1.10 0.00 | 23.10 -1.11 0.00 | 22.28 -1.45 0.00 | 21.72 -1.19 0.00 | 31.00 -2.19 0.00 | 36.76 -2.74 0.00 | 34.25 -2.63 0.00 | 27.94 -2.40 0.00 | 33.78 -3.15 0.00 | 33.06 -2.37 0.00 | 25.03 -1.86 0.00 | 23.34 -1.86 0.00 |
| NIAGARA_115W_LBMP 323714 | 21.43 -1.81 0.00 | 21.66 -1.71 0.00 | 19.26 -1.72 0.00 | 17.15 -1.47 0.00 | 16.98 -1.47 0.00 | 18.77 -1.52 0.00 | 20.66 -1.45 0.00 | 19.71 -1.60 0.00 | 17.29 -1.51 0.00 | 17.19 -1.19 0.00 | 17.13 -1.03 0.00 | 20.68 -1.01 0.00 | 22.40 -1.20 0.00 | 22.98 -1.23 0.00 | 22.16 -1.57 0.00 | 21.58 -1.33 0.00 | 30.81 -2.39 0.00 | 36.48 -3.02 0.00 | 33.98 -2.90 0.00 | 27.71 -2.63 0.00 | 33.52 -3.42 0.00 | 32.81 -2.62 0.00 | 24.86 -2.03 0.00 | 23.19 -2.01 0.00 |
| NIAGARA_230_LBMP 323716 | 21.63 -1.60 0.00 | 21.86 -1.51 0.00 | 19.44 -1.54 0.00 | 17.31 -1.31 0.00 | 17.13 -1.31 0.00 | 18.94 -1.35 0.00 | 20.84 -1.27 0.00 | 19.89 -1.42 0.00 | 17.45 -1.35 0.00 | 17.34 -1.03 0.00 | 17.27 -0.89 0.00 | 20.84 -0.86 0.00 | 22.58 -1.02 0.00 | 23.18 -1.04 0.00 | 22.35 -1.38 0.00 | 21.77 -1.14 0.00 | 31.11 -2.08 0.00 | 36.89 -2.62 0.00 | 34.37 -2.51 0.00 | 28.02 -2.32 0.00 | 33.92 -3.02 0.00 | 33.17 -2.26 0.00 | 25.11 -1.78 0.00 | 23.39 -1.80 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 21.43 -1.81 0.00 | 21.66 -1.71 0.00 | 19.26 -1.72 0.00 | 17.14 -1.47 0.00 | 16.97 -1.47 0.00 | 18.77 -1.52 0.00 | 20.66 -1.45 0.00 | 19.70 -1.61 0.00 | 17.29 -1.51 0.00 | 17.19 -1.19 0.00 | 17.12 -1.03 0.00 | 20.66 -1.04 0.00 | 22.40 -1.20 0.00 | 22.98 -1.23 0.00 | 22.16 -1.57 0.00 | 21.57 -1.34 0.00 | 30.81 -2.39 0.00 | 36.48 -3.02 0.00 | 33.98 -2.90 0.00 | 27.72 -2.63 0.00 | 33.52 -3.42 0.00 | 32.81 -2.62 0.00 | 24.86 -2.03 0.00 | 23.19 -2.01 0.00 |
| NIAGARA___ 23760 | 21.63 -1.60 0.00 | 21.86 -1.51 0.00 | 19.44 -1.54 0.00 | 17.31 -1.31 0.00 | 17.13 -1.31 0.00 | 18.94 -1.35 0.00 | 20.84 -1.27 0.00 | 19.89 -1.42 0.00 | 17.45 -1.35 0.00 | 17.34 -1.03 0.00 | 17.27 -0.89 0.00 | 20.84 -0.86 0.00 | 22.58 -1.02 0.00 | 23.18 -1.04 0.00 | 22.35 -1.38 0.00 | 21.77 -1.14 0.00 | 31.11 -2.08 0.00 | 36.89 -2.62 0.00 | 34.37 -2.51 0.00 | 28.02 -2.32 0.00 | 33.92 -3.02 0.00 | 33.17 -2.26 0.00 | 25.11 -1.78 0.00 | 23.39 -1.80 0.00 |
| NINE_MILE_1 23575 | 22.61 -0.62 0.00 | 22.78 -0.58 0.00 | 20.44 -0.54 0.00 | 18.15 -0.47 0.00 | 17.97 -0.47 0.00 | 19.78 -0.51 0.00 | 21.58 -0.54 0.00 | 20.77 -0.54 0.00 | 18.30 -0.50 0.00 | 17.90 -0.47 0.00 | 17.67 -0.49 0.00 | 21.07 -0.62 0.00 | 22.85 -0.75 0.00 | 23.43 -0.78 0.00 | 22.95 -0.79 0.00 | 22.25 -0.66 0.00 | 32.20 -1.00 0.00 | 38.38 -1.12 0.00 | 35.87 -1.01 0.00 | 29.49 -0.85 0.00 | 35.86 -1.07 0.00 | 34.42 -1.01 0.00 | 26.08 -0.81 0.00 | 24.38 -0.82 0.00 |
| NINE_MILE_2 23744 | 22.61 -0.62 0.00 | 22.79 -0.57 0.00 | 20.44 -0.54 0.00 | 18.15 -0.47 0.00 | 17.98 -0.47 0.00 | 19.79 -0.51 0.00 | 21.58 -0.53 0.00 | 20.77 -0.54 0.00 | 18.30 -0.49 0.00 | 17.91 -0.47 0.00 | 17.67 -0.48 0.00 | 21.07 -0.62 0.00 | 22.86 -0.75 0.00 | 23.43 -0.78 0.00 | 22.95 -0.78 0.00 | 22.25 -0.66 0.00 | 32.20 -0.99 0.00 | 38.39 -1.11 0.00 | 35.88 -1.01 0.00 | 29.49 -0.85 0.00 | 35.86 -1.07 0.00 | 34.42 -1.01 0.00 | 26.08 -0.80 0.00 | 24.39 -0.81 0.00 |
| NM_CAPITAL___DRP 24208 | 23.45 0.21 0.00 | 23.60 0.24 0.00 | 21.37 0.39 0.00 | 19.00 0.39 0.00 | 18.83 0.38 0.00 | 20.64 0.35 0.00 | 22.34 0.23 0.00 | 21.60 0.29 0.00 | 19.05 0.26 0.00 | 18.54 0.16 0.00 | 18.28 0.12 0.00 | 21.84 0.15 0.00 | 23.72 0.12 0.00 | 24.32 0.11 0.00 | 23.94 0.20 0.00 | 23.23 0.32 0.00 | 33.57 0.37 0.00 | 40.09 0.59 0.00 | 37.52 0.63 0.00 | 30.94 0.60 0.00 | 37.75 0.82 0.00 | 36.09 0.66 0.00 | 27.37 0.48 0.00 | 25.49 0.30 0.00 |

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| NM_CENTRAL___DRP 24181 | 22.98 -0.25 0.00 | 23.12 -0.24 0.00 | 20.74 -0.25 0.00 | 18.42 -0.20 0.00 | 18.24 -0.21 0.00 | 20.06 -0.23 0.00 | 21.90 -0.21 0.00 | 21.08 -0.23 0.00 | 18.57 -0.23 0.00 | 18.17 -0.21 0.00 | 17.94 -0.22 0.00 | 21.43 -0.26 0.00 | 23.29 -0.32 0.00 | 23.89 -0.32 0.00 | 23.40 -0.34 0.00 | 22.71 -0.19 0.00 | 32.91 -0.28 0.00 | 39.31 -0.19 0.00 | 36.74 -0.14 0.00 | 30.19 -0.15 0.00 | 36.68 -0.25 0.00 | 35.18 -0.25 0.00 | 26.64 -0.25 0.00 | 24.83 -0.37 0.00 |
| NM_FRONTIER___DRP 24179 | 21.43 -1.81 0.00 | 21.66 -1.71 0.00 | 19.26 -1.72 0.00 | 17.14 -1.47 0.00 | 16.97 -1.47 0.00 | 18.77 -1.52 0.00 | 20.66 -1.45 0.00 | 19.70 -1.61 0.00 | 17.29 -1.51 0.00 | 17.19 -1.19 0.00 | 17.12 -1.03 0.00 | 20.66 -1.04 0.00 | 22.40 -1.20 0.00 | 22.98 -1.23 0.00 | 22.16 -1.57 0.00 | 21.57 -1.34 0.00 | 30.81 -2.39 0.00 | 36.48 -3.02 0.00 | 33.98 -2.90 0.00 | 27.72 -2.63 0.00 | 33.52 -3.42 0.00 | 32.81 -2.62 0.00 | 24.86 -2.03 0.00 | 23.19 -2.01 0.00 |
| NM_ST_REGIS___HYD 24053 | 22.98 -0.25 0.00 | 23.14 -0.22 0.00 | 20.79 -0.19 0.00 | 18.43 -0.18 0.00 | 18.52 0.07 0.00 | 20.43 0.14 0.00 | 22.32 0.21 0.00 | 21.60 0.28 0.00 | 19.02 0.23 0.00 | 18.59 0.21 0.00 | 18.37 0.21 0.00 | 22.01 0.32 0.00 | 23.96 0.36 0.00 | 24.60 0.39 0.00 | 24.03 0.30 0.00 | 23.04 0.13 0.00 | 33.46 0.27 0.00 | 39.55 0.05 0.00 | 37.08 0.19 0.00 | 30.61 0.27 0.00 | 37.31 0.37 0.00 | 35.89 0.46 0.00 | 27.20 0.31 0.00 | 25.62 0.42 0.00 |
| NORTHPORT___1 23551 | 24.33 1.10 0.00 | 24.30 0.94 0.00 | 21.82 0.83 0.00 | 19.36 0.75 0.00 | 19.16 0.71 0.00 | 21.03 0.73 0.00 | 22.89 0.78 0.00 | 22.10 0.79 0.00 | 19.72 0.93 0.00 | 21.52 0.98 -2.16 | 23.03 1.01 -3.87 | 31.73 1.20 -8.84 | 32.54 1.46 -7.48 | 31.84 1.52 -6.11 | 25.19 1.45 0.00 | 24.54 1.64 0.00 | 35.55 2.35 0.00 | 42.56 3.06 0.00 | 39.45 2.57 0.00 | 32.45 2.10 0.00 | 39.62 2.69 0.00 | 37.48 2.05 0.00 | 28.56 1.67 0.00 | 26.62 1.42 0.00 |
| NORTHPORT___2 23552 | 24.33 1.10 0.00 | 24.30 0.94 0.00 | 21.82 0.83 0.00 | 19.36 0.75 0.00 | 19.16 0.71 0.00 | 21.03 0.73 0.00 | 22.89 0.78 0.00 | 22.10 0.79 0.00 | 19.72 0.93 0.00 | 21.52 0.98 -2.16 | 23.03 1.01 -3.87 | 31.73 1.20 -8.84 | 32.54 1.46 -7.48 | 31.84 1.52 -6.11 | 25.19 1.45 0.00 | 24.54 1.64 0.00 | 35.55 2.35 0.00 | 42.56 3.06 0.00 | 39.45 2.57 0.00 | 32.45 2.10 0.00 | 39.62 2.69 0.00 | 37.48 2.05 0.00 | 28.56 1.67 0.00 | 26.62 1.42 0.00 |
| NORTHPORT___3 23553 | 24.36 1.12 0.00 | 24.31 0.95 0.00 | 21.81 0.83 0.00 | 19.37 0.75 0.00 | 19.17 0.72 0.00 | 21.01 0.72 0.00 | 22.89 0.77 0.00 | 22.09 0.78 0.00 | 19.69 0.90 0.00 | 21.51 0.97 -2.16 | 23.06 1.03 -3.87 | 31.74 1.21 -8.84 | 32.53 1.45 -7.48 | 31.80 1.48 -6.11 | 25.17 1.43 0.00 | 24.52 1.61 0.00 | 35.49 2.30 0.00 | 42.49 2.99 0.00 | 39.39 2.50 0.00 | 32.35 2.01 0.00 | 39.48 2.54 0.00 | 37.44 2.01 0.00 | 28.53 1.64 0.00 | 26.63 1.43 0.00 |
| NORTHPORT___4 23650 | 24.36 1.12 0.00 | 24.31 0.95 0.00 | 21.81 0.83 0.00 | 19.37 0.75 0.00 | 19.17 0.72 0.00 | 21.01 0.72 0.00 | 22.89 0.77 0.00 | 22.09 0.78 0.00 | 19.69 0.90 0.00 | 21.51 0.97 -2.16 | 23.06 1.03 -3.87 | 31.74 1.21 -8.84 | 32.53 1.45 -7.48 | 31.80 1.48 -6.11 | 25.17 1.43 0.00 | 24.52 1.61 0.00 | 35.49 2.30 0.00 | 42.49 2.99 0.00 | 39.39 2.50 0.00 | 32.35 2.01 0.00 | 39.48 2.54 0.00 | 37.44 2.01 0.00 | 28.53 1.64 0.00 | 26.63 1.43 0.00 |
| NORTHPORT___IC 23718 | 24.33 1.10 0.00 | 24.30 0.94 0.00 | 21.81 0.83 0.00 | 19.36 0.75 0.00 | 19.16 0.72 0.00 | 21.02 0.73 0.00 | 22.90 0.78 0.00 | 22.11 0.80 0.00 | 19.72 0.92 0.00 | 21.52 0.99 -2.16 | 23.03 1.01 -3.87 | 31.74 1.20 -8.84 | 32.54 1.46 -7.48 | 31.83 1.51 -6.11 | 25.19 1.45 0.00 | 24.55 1.64 0.00 | 35.55 2.35 0.00 | 42.55 3.05 0.00 | 39.45 2.57 0.00 | 32.45 2.10 0.00 | 39.63 2.69 0.00 | 37.48 2.05 0.00 | 28.56 1.67 0.00 | 26.62 1.42 0.00 |
| NORTH___COUNTRY_ESR 323785 | 23.00 -0.23 0.00 | 23.18 -0.18 0.00 | 20.92 -0.07 0.00 | 18.56 -0.05 0.00 | 18.42 -0.03 0.00 | 20.34 0.05 0.00 | 22.34 0.22 0.00 | 21.64 0.33 0.00 | 19.07 0.27 0.00 | 18.58 0.20 0.00 | 18.34 0.18 0.00 | 21.96 0.26 0.00 | 23.90 0.30 0.00 | 24.43 0.23 0.00 | 23.87 0.14 0.00 | 23.03 0.12 0.00 | 33.39 0.20 0.00 | 39.43 -0.08 0.00 | 37.24 0.36 0.00 | 30.86 0.51 0.00 | 37.44 0.50 0.00 | 35.91 0.48 0.00 | 27.12 0.23 0.00 | 25.53 0.33 0.00 |
| NPX_GEN_1385_PROXY 323591 | 23.75 0.51 0.00 | 23.98 0.62 0.00 | 21.78 0.79 0.00 | 19.26 0.65 0.00 | 19.09 0.64 0.00 | 21.02 0.73 0.00 | 22.75 0.64 0.00 | 22.09 0.78 0.00 | 19.71 0.91 0.00 | 21.48 0.94 -2.16 | 22.56 0.53 -3.87 | 31.16 0.62 -8.84 | 20.50 0.77 3.87 | 31.19 0.87 -6.11 | 24.63 0.81 -0.08 | 19.49 0.97 4.40 | 34.69 1.50 0.00 | 41.52 2.02 0.00 | 38.61 1.73 0.00 | 32.29 1.94 0.00 | 39.69 2.76 0.00 | 36.59 1.16 0.00 | 27.86 0.97 0.00 | 26.08 0.89 0.00 |
| NPX_GEN_CSC 323557 | 24.20 0.97 0.00 | 24.10 0.74 0.00 | 21.58 0.60 0.00 | 19.23 0.61 0.00 | 19.05 0.60 0.00 | 20.91 0.61 0.00 | 22.83 0.72 0.00 | 21.97 0.66 0.00 | 19.64 0.84 0.00 | 21.45 0.91 -2.16 | 22.98 0.96 -3.87 | 31.68 1.15 -8.84 | 32.52 1.44 -7.48 | 31.87 1.55 -6.11 | 25.36 1.54 -0.08 | 24.41 1.78 0.27 | 35.70 2.51 0.00 | 42.86 3.36 0.00 | 39.69 2.81 0.00 | 32.54 2.20 0.00 | 39.74 2.80 0.00 | 37.53 2.10 0.00 | 28.59 1.70 0.00 | 26.56 1.36 0.00 |
| NSINS_S___GLNS_FALLS 23858 | 24.64 1.41 0.00 | 24.66 1.29 0.00 | 22.23 1.25 0.00 | 19.76 1.15 0.00 | 19.51 1.06 0.00 | 21.43 1.14 0.00 | 23.26 1.15 0.00 | 22.31 1.01 0.00 | 19.61 0.81 0.00 | 19.05 0.68 0.00 | 18.76 0.59 0.00 | 22.42 0.73 0.00 | 24.47 0.87 0.00 | 25.13 0.92 0.00 | 24.71 0.98 0.00 | 24.02 1.11 0.00 | 34.97 1.78 0.00 | 42.14 2.63 0.00 | 39.69 2.81 0.00 | 32.85 2.51 0.00 | 40.00 3.07 0.00 | 38.11 2.67 0.00 | 28.96 2.08 0.00 | 26.91 1.71 0.00 |
| NUCOR_STEEL___DRP 24197 | 23.18 -0.05 0.00 | 23.32 -0.04 0.00 | 20.98 -0.01 0.00 | 18.61 0.00 0.00 | 18.37 -0.07 0.00 | 20.28 -0.01 0.00 | 22.12 0.01 0.00 | 21.32 0.01 0.00 | 18.76 -0.04 0.00 | 18.32 -0.06 0.00 | 18.10 -0.06 0.00 | 21.55 -0.15 0.00 | 23.48 -0.12 0.00 | 24.10 -0.11 0.00 | 23.60 -0.13 0.00 | 22.92 0.01 0.00 | 33.25 0.05 0.00 | 39.63 0.12 0.00 | 37.22 0.34 0.00 | 30.61 0.27 0.00 | 37.20 0.26 0.00 | 35.57 0.14 0.00 | 26.98 0.10 0.00 | 25.14 -0.05 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 22.78 -0.46 0.00 | 22.98 -0.39 0.00 | 20.65 -0.34 0.00 | 18.32 -0.29 0.00 | 18.29 -0.16 0.00 | 20.11 -0.18 0.00 | 21.91 -0.20 0.00 | 21.12 -0.19 0.00 | 18.57 -0.22 0.00 | 18.14 -0.23 0.00 | 17.94 -0.22 0.00 | 21.36 -0.33 0.00 | 23.32 -0.29 0.00 | 23.94 -0.27 0.00 | 23.48 -0.25 0.00 | 22.72 -0.19 0.00 | 33.20 0.01 0.00 | 39.49 -0.01 0.00 | 37.25 0.37 0.00 | 30.76 0.42 0.00 | 37.73 0.79 0.00 | 36.10 0.67 0.00 | 27.33 0.45 0.00 | 25.50 0.31 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 23.23 0.00 0.00 | 23.36 0.00 0.00 | 20.98 0.00 0.00 | 18.61 0.00 0.00 | 18.45 0.00 0.00 | 20.29 0.00 0.00 | 22.11 0.00 0.00 | 21.31 0.00 0.00 | 18.80 0.00 0.00 | 18.38 0.00 0.00 | 18.16 0.00 0.00 | 21.70 0.00 0.00 | 23.60 0.00 0.00 | 24.21 0.00 0.00 | 23.73 0.00 0.00 | 22.91 0.00 0.00 | 33.19 0.00 0.00 | 39.50 0.00 0.00 | 36.88 0.00 0.00 | 30.34 0.00 0.00 | 36.93 0.00 0.00 | 35.43 0.00 0.00 | 26.89 0.00 0.00 | 25.20 0.00 0.00 |

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| NYPA_BRENTWD____GT 24164 | 24.60 1.37 0.00 | 24.54 1.18 0.00 | 22.00 1.02 0.00 | 19.54 0.92 0.00 | 19.33 0.88 0.00 | 21.21 0.92 0.00 | 23.11 1.00 0.00 | 22.30 0.99 0.00 | 19.91 1.11 0.00 | 21.71 1.18 -2.16 | 23.25 1.23 -3.87 | 32.01 1.48 -8.84 | 32.88 1.79 -7.48 | 32.21 1.89 -6.11 | 25.57 1.84 0.00 | 24.93 2.02 0.00 | 36.01 2.81 0.00 | 43.12 3.62 0.00 | 39.97 3.09 0.00 | 32.84 2.49 0.00 | 40.18 3.24 0.00 | 38.03 2.60 0.00 | 28.96 2.07 0.00 | 26.93 1.74 0.00 |
| NYPA_GOWANUS____GT5 24156 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.54 3.04 0.00 | 39.48 2.60 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NYPA_GOWANUS____GT6 24157 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.82 0.00 | 19.36 0.74 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.20 0.81 0.00 | 19.10 0.94 0.00 | 22.90 1.20 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.73 0.00 | 39.99 2.48 -4.32 | 42.54 3.04 0.00 | 39.48 2.60 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 24.26 1.03 0.00 | 24.21 0.85 0.00 | 21.72 0.74 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.87 0.58 0.00 | 22.77 0.66 0.00 | 22.01 0.70 0.00 | 19.55 0.76 0.00 | 19.15 0.77 0.00 | 19.04 0.88 0.00 | 22.77 1.08 0.00 | 24.96 1.35 0.00 | 25.59 1.38 0.00 | 25.24 1.50 0.00 | 24.52 1.61 0.00 | 35.49 2.30 0.00 | 42.34 2.83 0.00 | 39.29 2.40 0.00 | 32.28 1.94 0.00 | 39.20 2.27 0.00 | 37.52 2.09 0.00 | 28.50 1.61 0.00 | 26.50 1.30 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 24.26 1.03 0.00 | 24.21 0.85 0.00 | 21.72 0.74 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.87 0.58 0.00 | 22.77 0.66 0.00 | 22.01 0.70 0.00 | 19.55 0.76 0.00 | 19.15 0.77 0.00 | 19.04 0.88 0.00 | 22.77 1.08 0.00 | 24.96 1.35 0.00 | 25.59 1.38 0.00 | 25.24 1.50 0.00 | 24.52 1.61 0.00 | 35.49 2.30 0.00 | 42.34 2.83 0.00 | 39.29 2.40 0.00 | 32.28 1.94 0.00 | 39.20 2.27 0.00 | 37.52 2.09 0.00 | 28.50 1.61 0.00 | 26.50 1.30 0.00 |
| NYPA_KENT____GT 24152 | 24.31 1.08 0.00 | 24.26 0.90 0.00 | 21.77 0.79 0.00 | 19.35 0.73 0.00 | 19.11 0.67 0.00 | 20.91 0.62 0.00 | 22.80 0.68 0.00 | 22.04 0.72 0.00 | 19.58 0.78 0.00 | 19.19 0.80 0.00 | 19.09 0.93 0.00 | 22.86 1.16 0.00 | 25.05 1.44 0.00 | 25.71 1.49 0.00 | 25.32 1.58 0.00 | 24.59 1.68 0.00 | 38.22 2.42 -2.60 | 42.46 2.96 0.00 | 39.41 2.53 0.00 | 32.38 2.04 0.00 | 39.33 2.39 0.00 | 37.65 2.22 0.00 | 28.59 1.69 0.00 | 26.58 1.38 0.00 |
| NYPA_POUCH1____GT 24155 | 24.29 1.06 0.00 | 24.26 0.89 0.00 | 21.75 0.76 0.00 | 19.33 0.71 0.00 | 19.10 0.65 0.00 | 20.89 0.60 0.00 | 22.78 0.67 0.00 | 22.02 0.71 0.00 | 19.56 0.76 0.00 | 19.16 0.78 0.00 | 19.07 0.91 0.00 | 22.90 1.20 0.00 | 25.10 1.49 -0.01 | 25.76 1.54 -0.01 | 25.34 1.60 -0.01 | 24.61 1.70 0.00 | 39.95 2.44 -4.32 | 42.52 3.02 0.00 | 39.45 2.57 0.00 | 32.45 2.11 0.00 | 39.35 2.42 0.00 | 37.71 2.27 -0.01 | 28.65 1.76 -0.01 | 26.66 1.46 0.00 |
| NYPA_VERNON____GT2 24162 | 24.26 1.02 0.00 | 24.21 0.85 0.00 | 21.74 0.76 0.00 | 19.33 0.71 0.00 | 19.11 0.66 0.00 | 20.90 0.61 0.00 | 22.78 0.67 0.00 | 22.03 0.72 0.00 | 19.57 0.77 0.00 | 19.17 0.80 0.00 | 19.07 0.91 0.00 | 22.81 1.12 0.00 | 25.00 1.40 0.00 | 25.65 1.44 0.00 | 25.27 1.54 0.00 | 24.55 1.64 0.00 | 36.46 2.37 -0.89 | 42.41 2.90 0.00 | 39.38 2.49 0.00 | 32.34 2.00 0.00 | 39.30 2.36 0.00 | 37.57 2.14 0.00 | 28.52 1.63 0.00 | 26.53 1.33 0.00 |
| NYPA_VERNON____GT3 24163 | 24.26 1.02 0.00 | 24.21 0.85 0.00 | 21.74 0.76 0.00 | 19.33 0.71 0.00 | 19.11 0.66 0.00 | 20.90 0.61 0.00 | 22.78 0.67 0.00 | 22.03 0.72 0.00 | 19.57 0.77 0.00 | 19.17 0.80 0.00 | 19.07 0.91 0.00 | 22.81 1.12 0.00 | 25.00 1.40 0.00 | 25.65 1.44 0.00 | 25.27 1.54 0.00 | 24.55 1.64 0.00 | 36.46 2.37 -0.89 | 42.41 2.90 0.00 | 39.38 2.49 0.00 | 32.34 2.00 0.00 | 39.30 2.36 0.00 | 37.57 2.14 0.00 | 28.52 1.63 0.00 | 26.53 1.33 0.00 |
| NYPA__ASTORIA_CC1 323568 | 24.24 1.01 0.00 | 24.21 0.84 0.00 | 21.72 0.73 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.88 0.59 0.00 | 22.75 0.64 0.00 | 22.00 0.69 0.00 | 19.54 0.74 0.00 | 19.15 0.77 0.00 | 19.05 0.89 0.00 | 22.77 1.08 0.00 | 24.95 1.35 0.00 | 25.59 1.39 0.00 | 25.23 1.49 0.00 | 24.51 1.60 0.00 | 35.50 2.30 0.00 | 42.34 2.84 0.00 | 39.32 2.44 0.00 | 32.29 1.95 0.00 | 39.23 2.30 0.00 | 37.51 2.08 0.00 | 28.47 1.59 0.00 | 26.49 1.29 0.00 |
| NYPA__ASTORIA_CC2 323569 | 24.24 1.01 0.00 | 24.21 0.84 0.00 | 21.72 0.73 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.88 0.59 0.00 | 22.75 0.64 0.00 | 22.00 0.69 0.00 | 19.54 0.74 0.00 | 19.15 0.77 0.00 | 19.05 0.89 0.00 | 22.77 1.08 0.00 | 24.95 1.35 0.00 | 25.59 1.39 0.00 | 25.23 1.49 0.00 | 24.51 1.60 0.00 | 35.50 2.30 0.00 | 42.34 2.84 0.00 | 39.32 2.44 0.00 | 32.29 1.95 0.00 | 39.23 2.30 0.00 | 37.51 2.08 0.00 | 28.47 1.59 0.00 | 26.49 1.29 0.00 |
| NYPA__HOLTSVILL 23794 | 24.39 1.16 0.00 | 24.32 0.96 0.00 | 21.80 0.82 0.00 | 19.37 0.76 0.00 | 19.18 0.73 0.00 | 21.04 0.75 0.00 | 22.94 0.83 0.00 | 22.13 0.82 0.00 | 19.75 0.96 0.00 | 21.55 1.02 -2.16 | 23.08 1.05 -3.87 | 31.78 1.25 -8.84 | 32.63 1.54 -7.48 | 31.95 1.63 -6.11 | 25.34 1.61 0.00 | 24.72 1.81 0.00 | 35.74 2.55 0.00 | 42.84 3.33 0.00 | 39.69 2.81 0.00 | 32.59 2.24 0.00 | 39.79 2.85 0.00 | 37.65 2.22 0.00 | 28.68 1.80 0.00 | 26.68 1.48 0.00 |
| NYPA__HELLGATE_GT1 24158 | 24.26 1.03 0.00 | 24.21 0.85 0.00 | 21.72 0.74 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.87 0.58 0.00 | 22.77 0.66 0.00 | 22.01 0.70 0.00 | 19.55 0.76 0.00 | 19.15 0.77 0.00 | 19.04 0.88 0.00 | 22.77 1.08 0.00 | 24.96 1.35 0.00 | 25.59 1.38 0.00 | 25.24 1.50 0.00 | 24.52 1.61 0.00 | 35.49 2.30 0.00 | 42.34 2.83 0.00 | 39.29 2.40 0.00 | 32.28 1.94 0.00 | 39.20 2.27 0.00 | 37.52 2.09 0.00 | 28.50 1.61 0.00 | 26.50 1.30 0.00 |
| NYPA__HELLGATE_GT2 24159 | 24.26 1.03 0.00 | 24.21 0.85 0.00 | 21.72 0.74 0.00 | 19.31 0.69 0.00 | 19.08 0.64 0.00 | 20.87 0.58 0.00 | 22.77 0.66 0.00 | 22.01 0.70 0.00 | 19.55 0.76 0.00 | 19.15 0.77 0.00 | 19.04 0.88 0.00 | 22.77 1.08 0.00 | 24.96 1.35 0.00 | 25.59 1.38 0.00 | 25.24 1.50 0.00 | 24.52 1.61 0.00 | 35.49 2.30 0.00 | 42.34 2.83 0.00 | 39.29 2.40 0.00 | 32.28 1.94 0.00 | 39.20 2.27 0.00 | 37.52 2.09 0.00 | 28.50 1.61 0.00 | 26.50 1.30 0.00 |
| NYS_BARGE__HYD 23848 | 21.92 -1.32 0.00 | 22.12 -1.24 0.00 | 19.67 -1.32 0.00 | 17.50 -1.11 0.00 | 17.33 -1.12 0.00 | 19.17 -1.12 0.00 | 21.10 -1.02 0.00 | 20.14 -1.17 0.00 | 17.65 -1.15 0.00 | 17.52 -0.86 0.00 | 17.45 -0.71 0.00 | 21.07 -0.63 0.00 | 22.82 -0.78 0.00 | 23.44 -0.77 0.00 | 22.63 -1.10 0.00 | 22.08 -0.83 0.00 | 31.58 -1.61 0.00 | 37.49 -2.01 0.00 | 34.97 -1.91 0.00 | 28.51 -1.83 0.00 | 34.48 -2.46 0.00 | 33.70 -1.73 0.00 | 25.49 -1.40 0.00 | 23.73 -1.47 0.00 |

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| OAK ORCHARD___HYD 24046 | 22.53 -0.70 0.00 | 22.70 -0.66 0.00 | 20.26 -0.72 0.00 | 18.01 -0.61 0.00 | 17.82 -0.62 0.00 | 19.66 -0.63 0.00 | 21.56 -0.56 0.00 | 20.66 -0.65 0.00 | 18.14 -0.66 0.00 | 17.90 -0.48 0.00 | 17.76 -0.40 0.00 | 21.35 -0.35 0.00 | 23.20 -0.40 0.00 | 23.83 -0.39 0.00 | 23.16 -0.57 0.00 | 22.55 -0.36 0.00 | 32.53 -0.67 0.00 | 38.75 -0.75 0.00 | 36.23 -0.65 0.00 | 29.60 -0.74 0.00 | 35.87 -1.06 0.00 | 34.70 -0.73 0.00 | 26.24 -0.65 0.00 | 24.40 -0.79 0.00 |
| OAKDALE___35_KV_LOAD 356122 | 23.07 -0.17 0.00 | 23.15 -0.21 0.00 | 20.76 -0.22 0.00 | 18.47 -0.14 0.00 | 18.26 -0.18 0.00 | 20.09 -0.19 0.00 | 21.96 -0.15 0.00 | 21.12 -0.19 0.00 | 18.62 -0.18 0.00 | 18.22 -0.16 0.00 | 18.04 -0.12 0.00 | 21.59 -0.11 0.00 | 23.57 -0.03 0.00 | 24.20 0.00 0.00 | 23.66 -0.08 0.00 | 23.01 0.09 0.00 | 33.29 0.10 0.00 | 39.79 0.29 0.00 | 37.09 0.21 0.00 | 30.47 0.12 0.00 | 36.99 0.05 0.00 | 35.52 0.09 0.00 | 26.88 0.00 0.00 | 24.98 -0.22 0.00 |
| OCC_CHEM___DRP 24175 | 21.47 -1.77 0.00 | 21.70 -1.66 0.00 | 19.30 -1.69 0.00 | 17.18 -1.44 0.00 | 17.01 -1.44 0.00 | 18.81 -1.48 0.00 | 20.70 -1.41 0.00 | 19.73 -1.58 0.00 | 17.32 -1.48 0.00 | 17.22 -1.15 0.00 | 17.16 -1.00 0.00 | 20.70 -0.99 0.00 | 22.45 -1.15 0.00 | 23.04 -1.17 0.00 | 22.21 -1.53 0.00 | 21.62 -1.29 0.00 | 30.87 -2.32 0.00 | 36.56 -2.94 0.00 | 34.06 -2.82 0.00 | 27.78 -2.57 0.00 | 33.59 -3.34 0.00 | 32.89 -2.54 0.00 | 24.91 -1.97 0.00 | 23.23 -1.96 0.00 |
| OH_GEN_PROXY 24063 | 21.66 -1.57 0.00 | 21.88 -1.48 0.00 | 19.47 -1.51 0.00 | 17.34 -1.28 0.00 | 17.16 -1.28 0.00 | 18.97 -1.32 0.00 | 20.86 -1.25 0.00 | 19.92 -1.39 0.00 | 17.48 -1.32 0.00 | 17.36 -1.01 0.00 | 17.29 -0.87 0.00 | 20.87 -0.82 0.00 | 22.62 -0.98 0.00 | 48.51 -1.00 -25.29 | 22.47 -1.34 -0.08 | 21.53 -1.10 0.27 | 45.18 -2.01 -13.99 | 36.98 -2.52 0.00 | 34.45 -2.43 0.00 | 28.09 -2.25 0.00 | 15.01 -2.93 18.99 | 33.24 -2.19 0.00 | 25.16 -1.73 0.00 | 23.42 -1.78 0.00 |
| OLIN_CORP_DRP 24177 | 21.59 -1.64 0.00 | 21.81 -1.55 0.00 | 19.40 -1.58 0.00 | 17.26 -1.35 0.00 | 17.10 -1.34 0.00 | 18.91 -1.38 0.00 | 20.82 -1.29 0.00 | 19.85 -1.46 0.00 | 17.42 -1.38 0.00 | 17.30 -1.07 0.00 | 17.23 -0.92 0.00 | 20.79 -0.91 0.00 | 22.54 -1.06 0.00 | 23.13 -1.08 0.00 | 22.32 -1.42 0.00 | 21.74 -1.17 0.00 | 31.06 -2.14 0.00 | 36.82 -2.69 0.00 | 34.31 -2.57 0.00 | 27.99 -2.35 0.00 | 33.85 -3.08 0.00 | 33.12 -2.31 0.00 | 25.08 -1.81 0.00 | 23.37 -1.82 0.00 |
| OLIN_CORP_DSASP 323712 | 21.47 -1.77 0.00 | 21.70 -1.66 0.00 | 19.30 -1.69 0.00 | 17.17 -1.44 0.00 | 17.01 -1.44 0.00 | 18.81 -1.48 0.00 | 20.70 -1.41 0.00 | 19.75 -1.56 0.00 | 17.32 -1.48 0.00 | 17.22 -1.15 0.00 | 17.16 -0.99 0.00 | 20.73 -0.97 0.00 | 22.45 -1.16 0.00 | 23.04 -1.17 0.00 | 22.21 -1.53 0.00 | 21.63 -1.28 0.00 | 30.88 -2.32 0.00 | 36.56 -2.94 0.00 | 34.06 -2.82 0.00 | 27.78 -2.57 0.00 | 33.59 -3.34 0.00 | 32.89 -2.54 0.00 | 24.91 -1.98 0.00 | 23.23 -1.96 0.00 |
| ONEIDA_HERK_LFGE 323681 | 23.29 0.06 0.00 | 23.43 0.07 0.00 | 21.04 0.06 0.00 | 18.68 0.06 0.00 | 18.55 0.10 0.00 | 20.40 0.11 0.00 | 22.23 0.12 0.00 | 21.43 0.12 0.00 | 18.85 0.05 0.00 | 18.40 0.02 0.00 | 18.19 0.03 0.00 | 21.70 0.00 0.00 | 23.64 0.04 0.00 | 24.26 0.05 0.00 | 23.81 0.07 0.00 | 23.04 0.13 0.00 | 33.55 0.36 0.00 | 40.03 0.52 0.00 | 37.62 0.74 0.00 | 31.02 0.67 0.00 | 37.86 0.93 0.00 | 36.25 0.82 0.00 | 27.44 0.55 0.00 | 25.59 0.40 0.00 |
| ONEIDA___115KV_TB4 55905 | 23.58 0.35 0.00 | 23.69 0.33 0.00 | 21.26 0.28 0.00 | 18.88 0.26 0.00 | 18.70 0.26 0.00 | 20.57 0.28 0.00 | 22.44 0.32 0.00 | 21.59 0.28 0.00 | 18.96 0.17 0.00 | 18.50 0.13 0.00 | 18.28 0.12 0.00 | 21.84 0.14 0.00 | 23.78 0.18 0.00 | 24.40 0.19 0.00 | 23.95 0.21 0.00 | 23.22 0.31 0.00 | 33.74 0.55 0.00 | 40.34 0.84 0.00 | 37.87 0.99 0.00 | 31.23 0.89 0.00 | 38.02 1.08 0.00 | 36.42 0.99 0.00 | 27.55 0.66 0.00 | 25.65 0.46 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 23.11 -0.12 0.00 | 23.24 -0.12 0.00 | 20.84 -0.14 0.00 | 18.51 -0.10 0.00 | 18.33 -0.12 0.00 | 20.16 -0.13 0.00 | 22.01 -0.10 0.00 | 21.18 -0.13 0.00 | 18.65 -0.15 0.00 | 18.24 -0.14 0.00 | 18.01 -0.14 0.00 | 21.52 -0.18 0.00 | 23.40 -0.21 0.00 | 24.01 -0.20 0.00 | 23.52 -0.22 0.00 | 22.84 -0.07 0.00 | 33.09 -0.10 0.00 | 39.55 0.04 0.00 | 36.97 0.09 0.00 | 30.40 0.06 0.00 | 36.93 0.00 0.00 | 35.43 0.00 0.00 | 26.81 -0.08 0.00 | 24.99 -0.21 0.00 |
| ONONDAGA___COGEN 23986 | 23.10 -0.13 0.00 | 23.24 -0.12 0.00 | 20.85 -0.13 0.00 | 18.52 -0.10 0.00 | 18.33 -0.12 0.00 | 20.17 -0.12 0.00 | 22.02 -0.10 0.00 | 21.20 -0.12 0.00 | 18.67 -0.13 0.00 | 18.26 -0.12 0.00 | 18.03 -0.13 0.00 | 21.52 -0.17 0.00 | 23.39 -0.21 0.00 | 24.00 -0.21 0.00 | 23.51 -0.22 0.00 | 22.83 -0.08 0.00 | 33.09 -0.11 0.00 | 39.52 0.02 0.00 | 36.96 0.08 0.00 | 30.38 0.03 0.00 | 36.90 -0.03 0.00 | 35.38 -0.05 0.00 | 26.78 -0.11 0.00 | 24.96 -0.24 0.00 |
| ONTARIO___LFGE 23819 | 23.02 -0.21 0.00 | 23.12 -0.24 0.00 | 20.70 -0.28 0.00 | 18.41 -0.21 0.00 | 18.20 -0.25 0.00 | 20.05 -0.24 0.00 | 21.98 -0.14 0.00 | 21.11 -0.21 0.00 | 18.53 -0.27 0.00 | 18.14 -0.23 0.00 | 17.94 -0.22 0.00 | 21.49 -0.21 0.00 | 23.43 -0.17 0.00 | 24.07 -0.14 0.00 | 23.47 -0.27 0.00 | 22.87 -0.04 0.00 | 33.08 -0.11 0.00 | 39.65 0.14 0.00 | 37.15 0.27 0.00 | 30.58 0.24 0.00 | 36.90 -0.03 0.00 | 35.62 0.18 0.00 | 26.94 0.05 0.00 | 24.95 -0.25 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 22.31 -0.92 0.00 | 22.45 -0.91 0.00 | 20.02 -0.97 0.00 | 17.82 -0.80 0.00 | 17.63 -0.82 0.00 | 19.47 -0.82 0.00 | 21.40 -0.71 0.00 | 20.46 -0.85 0.00 | 17.97 -0.83 0.00 | 17.77 -0.61 0.00 | 17.67 -0.48 0.00 | 21.31 -0.39 0.00 | 23.17 -0.44 0.00 | 23.80 -0.41 0.00 | 23.04 -0.70 0.00 | 22.48 -0.43 0.00 | 32.26 -0.94 0.00 | 38.37 -1.13 0.00 | 35.75 -1.13 0.00 | 29.22 -1.13 0.00 | 35.34 -1.60 0.00 | 34.41 -1.03 0.00 | 26.02 -0.87 0.00 | 24.14 -1.06 0.00 |
| ORANGEVILLE___ESR 323794 | 22.31 -0.92 0.00 | 22.45 -0.91 0.00 | 20.02 -0.97 0.00 | 17.82 -0.80 0.00 | 17.63 -0.82 0.00 | 19.47 -0.82 0.00 | 21.40 -0.71 0.00 | 20.46 -0.85 0.00 | 17.97 -0.83 0.00 | 17.77 -0.61 0.00 | 17.67 -0.48 0.00 | 21.31 -0.39 0.00 | 23.17 -0.44 0.00 | 23.80 -0.41 0.00 | 23.04 -0.70 0.00 | 22.48 -0.43 0.00 | 32.26 -0.94 0.00 | 38.37 -1.13 0.00 | 35.75 -1.13 0.00 | 29.22 -1.13 0.00 | 35.34 -1.60 0.00 | 34.41 -1.03 0.00 | 26.02 -0.87 0.00 | 24.14 -1.06 0.00 |
| OSWEGATCHIE___HYD 24044 | 22.62 -0.61 0.00 | 22.79 -0.57 0.00 | 20.46 -0.52 0.00 | 18.15 -0.47 0.00 | 18.20 -0.25 0.00 | 20.05 -0.24 0.00 | 21.87 -0.24 0.00 | 21.12 -0.19 0.00 | 18.56 -0.23 0.00 | 18.15 -0.23 0.00 | 17.94 -0.22 0.00 | 21.43 -0.27 0.00 | 23.34 -0.26 0.00 | 24.08 -0.13 0.00 | 23.56 -0.17 0.00 | 22.70 -0.21 0.00 | 33.13 -0.06 0.00 | 39.29 -0.21 0.00 | 36.90 0.02 0.00 | 30.48 0.13 0.00 | 37.30 0.36 0.00 | 35.78 0.35 0.00 | 27.12 0.23 0.00 | 25.41 0.22 0.00 |
| OSWEGO___5 23606 | 22.74 -0.49 0.00 | 22.90 -0.46 0.00 | 20.55 -0.44 0.00 | 18.24 -0.37 0.00 | 18.06 -0.38 0.00 | 19.88 -0.42 0.00 | 21.69 -0.42 0.00 | 20.87 -0.44 0.00 | 18.39 -0.40 0.00 | 18.00 -0.38 0.00 | 17.77 -0.39 0.00 | 21.20 -0.49 0.00 | 23.01 -0.59 0.00 | 23.60 -0.61 0.00 | 23.11 -0.62 0.00 | 22.40 -0.51 0.00 | 32.44 -0.76 0.00 | 38.68 -0.83 0.00 | 36.15 -0.73 0.00 | 29.71 -0.63 0.00 | 36.12 -0.81 0.00 | 34.68 -0.76 0.00 | 26.28 -0.61 0.00 | 24.55 -0.65 0.00 |

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| OSWEGO___6 23613 | 22.74 -0.49 0.00 | 22.90 -0.46 0.00 | 20.55 -0.44 0.00 | 18.24 -0.37 0.00 | 18.06 -0.38 0.00 | 19.88 -0.42 0.00 | 21.69 -0.42 0.00 | 20.87 -0.44 0.00 | 18.39 -0.40 0.00 | 18.00 -0.38 0.00 | 17.77 -0.39 0.00 | 21.20 -0.49 0.00 | 23.01 -0.59 0.00 | 23.60 -0.61 0.00 | 23.11 -0.62 0.00 | 22.40 -0.51 0.00 | 32.44 -0.76 0.00 | 38.68 -0.83 0.00 | 36.15 -0.73 0.00 | 29.71 -0.63 0.00 | 36.12 -0.81 0.00 | 34.68 -0.76 0.00 | 26.28 -0.61 0.00 | 24.55 -0.65 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 22.02 -1.21 0.00 | 22.22 -1.14 0.00 | 19.76 -1.22 0.00 | 17.58 -1.03 0.00 | 17.40 -1.04 0.00 | 19.25 -1.05 0.00 | 21.18 -0.93 0.00 | 20.20 -1.11 0.00 | 17.74 -1.05 0.00 | 17.62 -0.75 0.00 | 17.56 -0.60 0.00 | 21.19 -0.50 0.00 | 23.02 -0.59 0.00 | 23.63 -0.58 0.00 | 22.82 -0.91 0.00 | 22.25 -0.66 0.00 | 31.83 -1.36 0.00 | 37.76 -1.75 0.00 | 35.19 -1.69 0.00 | 28.68 -1.67 0.00 | 34.67 -2.27 0.00 | 33.88 -1.55 0.00 | 25.62 -1.27 0.00 | 23.84 -1.36 0.00 |
| OXBOW___BTM 323836 | 21.75 -1.48 0.00 | 21.96 -1.40 0.00 | 19.53 -1.46 0.00 | 17.38 -1.24 0.00 | 17.21 -1.24 0.00 | 19.02 -1.27 0.00 | 20.94 -1.17 0.00 | 19.98 -1.33 0.00 | 17.53 -1.27 0.00 | 17.43 -0.95 0.00 | 17.36 -0.79 0.00 | 20.98 -0.71 0.00 | 22.75 -0.85 0.00 | 23.36 -0.85 0.00 | 22.55 -1.19 0.00 | 21.97 -0.94 0.00 | 31.39 -1.80 0.00 | 37.21 -2.30 0.00 | 34.66 -2.22 0.00 | 28.26 -2.08 0.00 | 34.16 -2.78 0.00 | 33.41 -2.02 0.00 | 25.28 -1.61 0.00 | 23.55 -1.65 0.00 |
| OXBOW____ 24026 | 21.75 -1.48 0.00 | 21.96 -1.40 0.00 | 19.53 -1.46 0.00 | 17.38 -1.24 0.00 | 17.21 -1.24 0.00 | 19.03 -1.27 0.00 | 20.94 -1.17 0.00 | 19.96 -1.35 0.00 | 17.53 -1.27 0.00 | 17.43 -0.95 0.00 | 17.36 -0.79 0.00 | 20.96 -0.74 0.00 | 22.75 -0.85 0.00 | 23.36 -0.85 0.00 | 22.54 -1.20 0.00 | 21.96 -0.95 0.00 | 31.39 -1.80 0.00 | 37.21 -2.30 0.00 | 34.66 -2.22 0.00 | 28.26 -2.08 0.00 | 34.16 -2.78 0.00 | 33.41 -2.02 0.00 | 25.28 -1.61 0.00 | 23.55 -1.65 0.00 |
| OXY_CHEM_DSASP 323612 | 21.47 -1.77 0.00 | 21.70 -1.66 0.00 | 19.30 -1.69 0.00 | 17.18 -1.44 0.00 | 17.01 -1.44 0.00 | 18.81 -1.48 0.00 | 20.70 -1.41 0.00 | 19.73 -1.58 0.00 | 17.32 -1.48 0.00 | 17.22 -1.15 0.00 | 17.16 -1.00 0.00 | 20.70 -0.99 0.00 | 22.45 -1.15 0.00 | 23.04 -1.17 0.00 | 22.21 -1.53 0.00 | 21.62 -1.29 0.00 | 30.87 -2.32 0.00 | 36.56 -2.94 0.00 | 34.06 -2.82 0.00 | 27.78 -2.57 0.00 | 33.59 -3.34 0.00 | 32.89 -2.54 0.00 | 24.91 -1.97 0.00 | 23.23 -1.96 0.00 |
| OZONE_PARK_ESR 323760 | 24.42 1.19 0.00 | 24.38 1.02 0.00 | 21.86 0.88 0.00 | 19.42 0.81 0.00 | 19.22 0.77 0.00 | 21.01 0.72 0.00 | 22.91 0.80 0.00 | 22.14 0.83 0.00 | 19.67 0.88 0.00 | 19.28 0.91 0.00 | 19.18 1.03 0.00 | 22.95 1.26 0.00 | 25.16 1.55 0.00 | 25.82 1.61 0.00 | 25.45 1.71 0.00 | 24.74 1.83 0.00 | 35.83 2.63 0.00 | 42.76 3.25 0.00 | 39.70 2.82 0.00 | 32.58 2.24 0.00 | 39.62 2.68 0.00 | 37.85 2.42 0.00 | 28.71 1.82 0.00 | 26.71 1.52 0.00 |
| PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013 | 21.47 -1.77 0.00 | 21.70 -1.66 0.00 | 19.30 -1.69 0.00 | 17.18 -1.44 0.00 | 17.01 -1.44 0.00 | 18.81 -1.48 0.00 | 20.70 -1.41 0.00 | 19.73 -1.58 0.00 | 17.32 -1.48 0.00 | 17.22 -1.15 0.00 | 17.16 -1.00 0.00 | 20.70 -0.99 0.00 | 22.45 -1.15 0.00 | 23.04 -1.17 0.00 | 22.21 -1.53 0.00 | 21.62 -1.29 0.00 | 30.87 -2.32 0.00 | 36.56 -2.94 0.00 | 34.06 -2.82 0.00 | 27.78 -2.57 0.00 | 33.59 -3.34 0.00 | 32.89 -2.54 0.00 | 24.91 -1.97 0.00 | 23.23 -1.96 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 21.47 -1.77 0.00 | 21.70 -1.66 0.00 | 19.30 -1.69 0.00 | 17.18 -1.44 0.00 | 17.01 -1.44 0.00 | 18.81 -1.48 0.00 | 20.70 -1.41 0.00 | 19.73 -1.58 0.00 | 17.32 -1.48 0.00 | 17.22 -1.15 0.00 | 17.16 -1.00 0.00 | 20.70 -0.99 0.00 | 22.45 -1.15 0.00 | 23.04 -1.17 0.00 | 22.21 -1.53 0.00 | 21.62 -1.29 0.00 | 30.87 -2.32 0.00 | 36.56 -2.94 0.00 | 34.06 -2.82 0.00 | 27.78 -2.57 0.00 | 33.59 -3.34 0.00 | 32.89 -2.54 0.00 | 24.91 -1.97 0.00 | 23.23 -1.96 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 24.23 1.00 0.00 | 24.18 0.82 0.00 | 21.70 0.71 0.00 | 19.29 0.67 0.00 | 19.06 0.61 0.00 | 20.85 0.56 0.00 | 22.75 0.64 0.00 | 21.99 0.68 0.00 | 19.53 0.73 0.00 | 19.12 0.74 0.00 | 19.01 0.85 0.00 | 22.73 1.03 0.00 | 24.89 1.29 0.00 | 25.53 1.32 0.00 | 25.17 1.43 0.00 | 24.44 1.53 0.00 | 35.40 2.20 0.00 | 42.23 2.73 0.00 | 39.24 2.36 0.00 | 32.24 1.90 0.00 | 39.17 2.24 0.00 | 37.47 2.04 0.00 | 28.45 1.56 0.00 | 26.45 1.25 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 24.23 1.00 0.00 | 24.18 0.82 0.00 | 21.70 0.72 0.00 | 19.29 0.67 0.00 | 19.06 0.61 0.00 | 20.85 0.56 0.00 | 22.75 0.64 0.00 | 22.00 0.69 0.00 | 19.53 0.73 0.00 | 19.12 0.74 0.00 | 19.01 0.85 0.00 | 22.73 1.03 0.00 | 24.90 1.29 0.00 | 25.53 1.32 0.00 | 25.17 1.44 0.00 | 24.44 1.54 0.00 | 35.40 2.20 0.00 | 42.24 2.73 0.00 | 39.24 2.36 0.00 | 32.27 1.93 0.00 | 39.18 2.25 0.00 | 37.50 2.07 0.00 | 28.45 1.57 0.00 | 26.48 1.29 0.00 |
| PATROON__115KV_TB1 80586 | 23.46 0.23 0.00 | 23.62 0.25 0.00 | 21.39 0.41 0.00 | 19.02 0.40 0.00 | 18.84 0.40 0.00 | 20.65 0.36 0.00 | 22.37 0.26 0.00 | 21.63 0.32 0.00 | 19.07 0.28 0.00 | 18.55 0.17 0.00 | 18.30 0.14 0.00 | 21.87 0.17 0.00 | 23.76 0.15 0.00 | 24.37 0.16 0.00 | 23.98 0.25 0.00 | 23.29 0.38 0.00 | 33.67 0.47 0.00 | 40.24 0.74 0.00 | 37.63 0.75 0.00 | 31.02 0.68 0.00 | 37.83 0.89 0.00 | 36.15 0.72 0.00 | 27.40 0.52 0.00 | 25.52 0.33 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 23.91 0.68 0.00 | 24.00 0.64 0.00 | 21.56 0.58 0.00 | 19.14 0.52 0.00 | 18.96 0.51 0.00 | 20.82 0.54 0.00 | 22.67 0.56 0.00 | 21.77 0.46 0.00 | 19.07 0.27 0.00 | 18.54 0.16 0.00 | 18.28 0.13 0.00 | 21.84 0.15 0.00 | 23.80 0.19 0.00 | 24.43 0.22 0.00 | 24.00 0.27 0.00 | 23.27 0.36 0.00 | 33.80 0.60 0.00 | 40.48 0.97 0.00 | 38.09 1.21 0.00 | 31.51 1.17 0.00 | 38.39 1.46 0.00 | 36.76 1.33 0.00 | 27.86 0.98 0.00 | 25.99 0.79 0.00 |
| PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030 | 22.55 -0.68 0.00 | 22.70 -0.66 0.00 | 20.22 -0.77 0.00 | 18.00 -0.62 0.00 | 17.79 -0.65 0.00 | 19.67 -0.62 0.00 | 21.62 -0.49 0.00 | 20.67 -0.64 0.00 | 18.17 -0.63 0.00 | 18.01 -0.37 0.00 | 17.91 -0.24 0.00 | 21.59 -0.11 0.00 | 23.50 -0.11 0.00 | 24.16 -0.05 0.00 | 23.36 -0.37 0.00 | 22.79 -0.12 0.00 | 32.75 -0.44 0.00 | 38.96 -0.54 0.00 | 36.24 -0.64 0.00 | 29.59 -0.75 0.00 | 35.79 -1.14 0.00 | 34.82 -0.61 0.00 | 26.28 -0.61 0.00 | 24.38 -0.81 0.00 |
| PAWLING_I15_KV_BK3_REV_LBMP_H 345028 | 24.22 0.99 0.00 | 24.21 0.84 0.00 | 21.72 0.73 0.00 | 19.30 0.69 0.00 | 19.10 0.65 0.00 | 20.91 0.62 0.00 | 22.80 0.68 0.00 | 22.03 0.72 0.00 | 19.55 0.76 0.00 | 19.15 0.78 0.00 | 19.02 0.86 0.00 | 22.75 1.06 0.00 | 24.91 1.31 0.00 | 25.59 1.38 0.00 | 25.19 1.46 0.00 | 24.48 1.57 0.00 | 35.51 2.31 0.00 | 42.44 2.94 0.00 | 39.47 2.59 0.00 | 32.41 2.06 0.00 | 39.41 2.47 0.00 | 37.60 2.17 0.00 | 28.49 1.60 0.00 | 26.48 1.29 0.00 |
| PEEKSKILL____ 23653 | 24.02 0.79 0.00 | 24.00 0.64 0.00 | 21.53 0.55 0.00 | 19.13 0.51 0.00 | 18.93 0.49 0.00 | 20.73 0.44 0.00 | 22.59 0.47 0.00 | 21.82 0.51 0.00 | 19.36 0.57 0.00 | 18.97 0.59 0.00 | 18.84 0.68 0.00 | 22.53 0.84 0.00 | 24.67 1.07 0.00 | 25.33 1.12 0.00 | 24.94 1.21 0.00 | 24.23 1.32 0.00 | 35.11 1.91 0.00 | 41.93 2.43 0.00 | 38.98 2.09 0.00 | 32.02 1.67 0.00 | 38.94 2.00 0.00 | 37.16 1.73 0.00 | 28.20 1.32 0.00 | 26.25 1.05 0.00 |

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| PGE MADISON___WINDPWR 24146 | 24.56 1.33 0.00 | 24.58 1.22 0.00 | 22.02 1.04 0.00 | 19.59 0.97 0.00 | 19.38 0.93 0.00 | 21.34 1.05 0.00 | 23.37 1.26 0.00 | 22.43 1.11 0.00 | 19.63 0.83 0.00 | 18.99 0.61 0.00 | 18.73 0.57 0.00 | 22.36 0.66 0.00 | 24.42 0.82 0.00 | 25.11 0.90 0.00 | 24.56 0.82 0.00 | 23.94 1.03 0.00 | 35.04 1.85 0.00 | 42.05 2.55 0.00 | 39.74 2.86 0.00 | 32.88 2.54 0.00 | 39.95 3.01 0.00 | 38.30 2.87 0.00 | 28.85 1.97 0.00 | 26.72 1.52 0.00 |
| PIERCEFIELD___HYD 23852 | 22.91 -0.32 0.00 | 23.07 -0.29 0.00 | 20.71 -0.27 0.00 | 18.36 -0.26 0.00 | 18.49 0.04 0.00 | 20.40 0.11 0.00 | 22.25 0.14 0.00 | 21.51 0.20 0.00 | 18.95 0.15 0.00 | 18.54 0.16 0.00 | 18.33 0.17 0.00 | 21.95 0.25 0.00 | 23.89 0.29 0.00 | 24.54 0.33 0.00 | 23.99 0.25 0.00 | 22.97 0.06 0.00 | 33.38 0.18 0.00 | 39.44 -0.06 0.00 | 36.89 0.01 0.00 | 30.44 0.09 0.00 | 37.13 0.19 0.00 | 35.75 0.32 0.00 | 27.12 0.24 0.00 | 25.56 0.36 0.00 |
| PINELAWN_CC_1 323563 | 24.50 1.27 0.00 | 24.44 1.08 0.00 | 21.91 0.93 0.00 | 19.44 0.83 0.00 | 19.24 0.79 0.00 | 21.09 0.80 0.00 | 22.98 0.87 0.00 | 22.19 0.88 0.00 | 19.79 0.99 0.00 | 21.59 1.05 -2.16 | 23.15 1.12 -3.87 | 31.89 1.35 -8.84 | 32.59 1.51 -7.48 | 31.83 1.50 -6.11 | 25.17 1.43 0.00 | 24.43 1.52 0.00 | 35.42 2.22 0.00 | 42.38 2.88 0.00 | 39.31 2.43 0.00 | 32.28 1.93 0.00 | 39.52 2.58 0.00 | 37.60 2.18 0.00 | 28.82 1.93 0.00 | 26.82 1.63 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 24.17 0.93 0.00 | 24.13 0.77 0.00 | 21.65 0.67 0.00 | 19.24 0.62 0.00 | 19.02 0.58 0.00 | 20.82 0.53 0.00 | 22.68 0.57 0.00 | 21.93 0.61 0.00 | 19.47 0.68 0.00 | 19.08 0.71 0.00 | 18.97 0.81 0.00 | 22.68 0.99 0.00 | 24.86 1.26 0.00 | 25.51 1.30 0.00 | 25.44 1.41 -0.30 | 24.12 1.52 0.31 | 35.39 2.20 0.00 | 42.23 2.73 0.00 | 39.21 2.33 0.00 | 32.18 1.84 0.00 | 39.13 2.19 0.00 | 37.37 1.94 0.00 | 28.36 1.48 0.00 | 26.40 1.20 0.00 |
| PJM_GEN_KEystone 24065 | 23.03 -0.20 0.00 | 23.05 -0.31 0.00 | 14.12 -0.34 6.52 | 14.41 -0.25 3.95 | 15.08 -0.28 3.08 | 19.95 -0.34 0.00 | 21.83 -0.28 0.00 | 12.93 -0.32 8.06 | 11.48 -0.24 7.07 | 14.50 -0.14 3.74 | 16.44 -0.04 1.68 | 21.74 0.04 0.00 | 23.77 0.17 0.00 | 24.41 0.20 0.00 | 24.17 0.14 -0.30 | 22.94 0.34 0.31 | 33.58 0.39 0.00 | 40.08 0.57 0.00 | 37.22 0.34 0.00 | 30.51 0.17 0.00 | 37.00 0.07 0.00 | 35.54 0.11 0.00 | 26.93 0.05 0.00 | 25.02 -0.18 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 24.26 1.03 0.00 | 24.20 0.84 0.00 | 21.70 0.72 0.00 | 19.27 0.65 0.00 | 19.07 0.62 0.00 | 20.90 0.61 0.00 | 22.76 0.65 0.00 | 21.98 0.67 0.00 | 19.58 0.78 0.00 | 20.37 0.85 -1.15 | 21.15 0.93 -2.05 | 27.53 1.14 -4.70 | 28.98 1.40 -3.97 | 28.91 1.45 -3.25 | 25.44 1.40 -0.30 | 24.16 1.56 0.31 | 35.45 2.26 0.00 | 42.40 2.89 0.00 | 39.32 2.44 0.00 | 32.27 1.93 0.00 | 39.34 2.40 0.00 | 37.44 2.01 0.00 | 28.49 1.60 0.00 | 26.54 1.34 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 24.07 0.84 0.00 | 24.03 0.66 0.00 | 21.56 0.58 0.00 | 19.16 0.54 0.00 | 18.95 0.51 0.00 | 20.74 0.45 0.00 | 22.60 0.49 0.00 | 21.84 0.53 0.00 | 19.40 0.60 0.00 | 19.01 0.63 0.00 | 18.90 0.74 0.00 | 22.59 0.89 0.00 | 24.75 1.14 0.00 | 25.39 1.19 0.00 | 25.34 1.31 -0.30 | 24.03 1.43 0.31 | 35.26 2.07 0.00 | 42.04 2.54 0.00 | 39.02 2.14 0.00 | 32.05 1.71 0.00 | 38.95 2.02 0.00 | 37.21 1.78 0.00 | 28.25 1.37 0.00 | 26.30 1.10 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 23.46 0.23 0.00 | 23.65 0.29 0.00 | 21.40 0.42 0.00 | 19.05 0.43 0.00 | 18.89 0.45 0.00 | 20.76 0.47 0.00 | 22.80 0.69 0.00 | 22.08 0.77 0.00 | 19.34 0.55 0.00 | 18.76 0.38 0.00 | 18.52 0.36 0.00 | 22.15 0.46 0.00 | 24.17 0.57 0.00 | 24.72 0.51 0.00 | 24.13 0.40 0.00 | 23.38 0.47 0.00 | 33.96 0.76 0.00 | 40.10 0.60 0.00 | 38.22 1.33 0.00 | 31.86 1.52 0.00 | 38.65 1.72 0.00 | 36.92 1.49 0.00 | 27.81 0.92 0.00 | 26.11 0.91 0.00 |
| PLEASANTVLY___LBMP 24000 | 23.91 0.68 0.00 | 23.92 0.56 0.00 | 21.49 0.51 0.00 | 19.10 0.49 0.00 | 18.91 0.46 0.00 | 20.71 0.42 0.00 | 22.54 0.43 0.00 | 21.78 0.47 0.00 | 19.31 0.51 0.00 | 18.89 0.52 0.00 | 18.73 0.57 0.00 | 22.39 0.70 0.00 | 24.48 0.88 0.00 | 25.12 0.91 0.00 | 24.73 0.99 0.00 | 24.00 1.09 0.00 | 34.77 1.57 0.00 | 41.54 2.03 0.00 | 38.66 1.78 0.00 | 31.79 1.45 0.00 | 38.70 1.77 0.00 | 36.96 1.53 0.00 | 28.05 1.16 0.00 | 26.10 0.90 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 24.08 0.85 0.00 | 24.07 0.70 0.00 | 21.60 0.62 0.00 | 19.20 0.58 0.00 | 19.00 0.55 0.00 | 20.80 0.51 0.00 | 22.65 0.54 0.00 | 21.88 0.57 0.00 | 19.42 0.62 0.00 | 19.03 0.65 0.00 | 18.89 0.73 0.00 | 22.59 0.90 0.00 | 24.72 1.12 0.00 | 25.39 1.18 0.00 | 24.99 1.26 0.00 | 24.29 1.38 0.00 | 35.20 2.01 0.00 | 42.04 2.54 0.00 | 39.07 2.19 0.00 | 32.11 1.76 0.00 | 39.06 2.13 0.00 | 37.27 1.84 0.00 | 28.29 1.40 0.00 | 26.31 1.11 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 24.08 0.85 0.00 | 24.07 0.70 0.00 | 21.60 0.62 0.00 | 19.20 0.58 0.00 | 19.00 0.55 0.00 | 20.80 0.51 0.00 | 22.65 0.54 0.00 | 21.88 0.57 0.00 | 19.42 0.62 0.00 | 19.03 0.65 0.00 | 18.89 0.73 0.00 | 22.59 0.90 0.00 | 24.72 1.12 0.00 | 25.39 1.18 0.00 | 24.99 1.26 0.00 | 24.29 1.38 0.00 | 35.20 2.01 0.00 | 42.04 2.54 0.00 | 39.07 2.19 0.00 | 32.11 1.76 0.00 | 39.06 2.13 0.00 | 37.27 1.84 0.00 | 28.29 1.40 0.00 | 26.31 1.11 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 24.08 0.85 0.00 | 24.08 0.72 0.00 | 21.61 0.63 0.00 | 19.21 0.60 0.00 | 19.02 0.57 0.00 | 20.83 0.54 0.00 | 22.69 0.58 0.00 | 21.93 0.62 0.00 | 19.45 0.65 0.00 | 19.02 0.65 0.00 | 18.86 0.69 0.00 | 22.55 0.85 0.00 | 24.67 1.06 0.00 | 25.33 1.13 0.00 | 24.94 1.21 0.00 | 24.23 1.32 0.00 | 35.15 1.95 0.00 | 42.06 2.56 0.00 | 39.15 2.27 0.00 | 32.17 1.83 0.00 | 39.14 2.20 0.00 | 37.35 1.92 0.00 | 28.30 1.42 0.00 | 26.32 1.12 0.00 |
| POLETTI___ 23519 | 24.14 0.90 0.00 | 24.11 0.74 0.00 | 21.63 0.65 0.00 | 19.23 0.62 0.00 | 19.03 0.58 0.00 | 20.81 0.52 0.00 | 22.67 0.55 0.00 | 21.91 0.60 0.00 | 19.47 0.68 0.00 | 19.08 0.70 0.00 | 18.97 0.81 0.00 | 22.68 0.99 0.00 | 24.85 1.24 0.00 | 25.50 1.28 0.00 | 25.13 1.39 0.00 | 24.42 1.51 0.00 | 35.36 2.17 0.00 | 42.19 2.68 0.00 | 39.17 2.29 0.00 | 32.16 1.81 0.00 | 39.10 2.16 0.00 | 37.34 1.91 0.00 | 28.35 1.46 0.00 | 26.38 1.18 0.00 |
| POMONA___ESR 323819 | 24.03 0.80 0.00 | 24.00 0.64 0.00 | 21.52 0.54 0.00 | 19.12 0.50 0.00 | 18.92 0.48 0.00 | 20.72 0.43 0.00 | 22.59 0.47 0.00 | 21.81 0.51 0.00 | 19.36 0.56 0.00 | 18.96 0.59 0.00 | 18.84 0.68 0.00 | 22.55 0.86 0.00 | 24.70 1.09 0.00 | 25.37 1.16 0.00 | 24.99 1.26 0.00 | 24.29 1.38 0.00 | 35.21 2.01 0.00 | 42.04 2.54 0.00 | 39.07 2.19 0.00 | 32.07 1.73 0.00 | 38.98 2.04 0.00 | 37.19 1.76 0.00 | 28.21 1.32 0.00 | 26.27 1.07 0.00 |
| PORT_JEFF_3 23555 | 24.44 1.21 0.00 | 24.38 1.01 0.00 | 21.84 0.86 0.00 | 19.41 0.80 0.00 | 19.22 0.77 0.00 | 21.08 0.79 0.00 | 22.98 0.87 0.00 | 22.17 0.86 0.00 | 19.80 1.00 0.00 | 21.60 1.07 -2.16 | 23.13 1.11 -3.87 | 31.86 1.33 -8.84 | 32.72 1.63 -7.48 | 32.05 1.73 -6.11 | 25.44 1.70 0.00 | 24.82 1.91 0.00 | 35.83 2.64 0.00 | 42.96 3.45 0.00 | 39.79 2.90 0.00 | 32.66 2.32 0.00 | 39.95 3.02 0.00 | 37.78 2.35 0.00 | 28.78 1.90 0.00 | 26.76 1.57 0.00 |

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| PORT_JEFF_4 23616 | 24.44 1.21 0.00 | 24.38 1.01 0.00 | 21.84 0.86 0.00 | 19.41 0.80 0.00 | 19.22 0.77 0.00 | 21.08 0.79 0.00 | 22.98 0.87 0.00 | 22.17 0.86 0.00 | 19.80 1.00 0.00 | 21.60 1.07 -2.16 | 23.13 1.11 -3.87 | 31.86 1.33 -8.84 | 32.72 1.63 -7.48 | 32.05 1.73 -6.11 | 25.44 1.70 0.00 | 24.82 1.91 0.00 | 35.83 2.64 0.00 | 42.96 3.45 0.00 | 39.79 2.90 0.00 | 32.66 2.32 0.00 | 39.95 3.02 0.00 | 37.78 2.35 0.00 | 28.78 1.90 0.00 | 26.76 1.57 0.00 |
| PORT_JEFF_IC 23713 | 24.45 1.22 0.00 | 24.38 1.02 0.00 | 21.84 0.86 0.00 | 19.42 0.80 0.00 | 19.22 0.77 0.00 | 21.09 0.80 0.00 | 23.00 0.89 0.00 | 22.18 0.87 0.00 | 19.80 1.01 0.00 | 21.62 1.08 -2.16 | 23.15 1.12 -3.87 | 31.89 1.35 -8.84 | 32.75 1.67 -7.48 | 32.09 1.77 -6.11 | 25.49 1.75 0.00 | 24.87 1.96 0.00 | 35.79 2.60 0.00 | 42.90 3.40 0.00 | 39.73 2.85 0.00 | 32.62 2.27 0.00 | 40.01 3.07 0.00 | 37.83 2.40 0.00 | 28.81 1.93 0.00 | 26.79 1.59 0.00 |
| PPL_PILGRIM_ST_GT1 24216 | 24.60 1.37 0.00 | 24.54 1.18 0.00 | 22.00 1.02 0.00 | 19.54 0.92 0.00 | 19.33 0.88 0.00 | 21.21 0.92 0.00 | 23.11 1.00 0.00 | 22.30 0.99 0.00 | 19.91 1.11 0.00 | 21.71 1.18 -2.16 | 23.25 1.23 -3.87 | 32.01 1.48 -8.84 | 32.88 1.79 -7.48 | 32.21 1.89 -6.11 | 25.57 1.84 0.00 | 24.93 2.02 0.00 | 36.01 2.81 0.00 | 43.12 3.62 0.00 | 39.97 3.09 0.00 | 32.84 2.49 0.00 | 40.18 3.24 0.00 | 38.03 2.60 0.00 | 28.96 2.07 0.00 | 26.93 1.74 0.00 |
| PPL_PILGRIM_ST_GT2 24217 | 24.60 1.37 0.00 | 24.54 1.18 0.00 | 22.00 1.02 0.00 | 19.54 0.92 0.00 | 19.33 0.88 0.00 | 21.21 0.92 0.00 | 23.11 1.00 0.00 | 22.30 0.99 0.00 | 19.91 1.11 0.00 | 21.71 1.18 -2.16 | 23.25 1.23 -3.87 | 32.01 1.48 -8.84 | 32.88 1.79 -7.48 | 32.21 1.89 -6.11 | 25.57 1.84 0.00 | 24.93 2.02 0.00 | 36.01 2.81 0.00 | 43.12 3.62 0.00 | 39.97 3.09 0.00 | 32.84 2.49 0.00 | 40.18 3.24 0.00 | 38.03 2.60 0.00 | 28.96 2.07 0.00 | 26.93 1.74 0.00 |
| PPL_SHRM_GT3 24213 | 24.22 0.99 0.00 | 24.12 0.76 0.00 | 21.60 0.62 0.00 | 19.24 0.63 0.00 | 19.06 0.61 0.00 | 20.92 0.63 0.00 | 22.84 0.73 0.00 | 21.99 0.68 0.00 | 19.65 0.85 0.00 | 21.45 0.91 -2.16 | 22.98 0.96 -3.87 | 31.68 1.15 -8.84 | 32.52 1.44 -7.48 | 31.86 1.54 -6.11 | 25.29 1.55 0.00 | 24.70 1.79 0.00 | 35.75 2.55 0.00 | 42.91 3.41 0.00 | 39.75 2.87 0.00 | 32.59 2.25 0.00 | 39.78 2.84 0.00 | 37.56 2.13 0.00 | 28.61 1.72 0.00 | 26.57 1.38 0.00 |
| PPL_SHRM_GT4 24214 | 24.22 0.99 0.00 | 24.12 0.76 0.00 | 21.60 0.62 0.00 | 19.24 0.63 0.00 | 19.06 0.61 0.00 | 20.92 0.63 0.00 | 22.84 0.73 0.00 | 21.99 0.68 0.00 | 19.65 0.85 0.00 | 21.45 0.91 -2.16 | 22.98 0.96 -3.87 | 31.68 1.15 -8.84 | 32.52 1.44 -7.48 | 31.86 1.54 -6.11 | 25.29 1.55 0.00 | 24.70 1.79 0.00 | 35.75 2.55 0.00 | 42.91 3.41 0.00 | 39.75 2.87 0.00 | 32.59 2.25 0.00 | 39.78 2.84 0.00 | 37.56 2.13 0.00 | 28.61 1.72 0.00 | 26.57 1.38 0.00 |
| PROJECT___ORANGE 1 24174 | 22.99 -0.24 0.00 | 23.13 -0.23 0.00 | 20.75 -0.23 0.00 | 18.43 -0.19 0.00 | 18.24 -0.20 0.00 | 20.06 -0.22 0.00 | 21.91 -0.20 0.00 | 21.09 -0.23 0.00 | 18.57 -0.22 0.00 | 18.18 -0.20 0.00 | 17.96 -0.20 0.00 | 21.44 -0.26 0.00 | 23.30 -0.30 0.00 | 23.91 -0.30 0.00 | 23.41 -0.32 0.00 | 22.73 -0.18 0.00 | 32.94 -0.26 0.00 | 39.34 -0.16 0.00 | 36.77 -0.11 0.00 | 30.20 -0.14 0.00 | 36.70 -0.24 0.00 | 35.21 -0.22 0.00 | 26.65 -0.24 0.00 | 24.84 -0.36 0.00 |
| PROJECT___ORANGE 2 24166 | 22.99 -0.24 0.00 | 23.13 -0.23 0.00 | 20.75 -0.23 0.00 | 18.43 -0.19 0.00 | 18.24 -0.20 0.00 | 20.06 -0.22 0.00 | 21.91 -0.20 0.00 | 21.09 -0.23 0.00 | 18.57 -0.22 0.00 | 18.18 -0.20 0.00 | 17.96 -0.20 0.00 | 21.44 -0.26 0.00 | 23.30 -0.30 0.00 | 23.91 -0.30 0.00 | 23.41 -0.32 0.00 | 22.73 -0.18 0.00 | 32.94 -0.26 0.00 | 39.34 -0.16 0.00 | 36.77 -0.11 0.00 | 30.20 -0.14 0.00 | 36.70 -0.24 0.00 | 35.21 -0.22 0.00 | 26.65 -0.24 0.00 | 24.84 -0.36 0.00 |
| PUCKETT___SOLAR 323809 | 23.42 0.19 0.00 | 23.48 0.12 0.00 | 21.05 0.07 0.00 | 18.73 0.11 0.00 | 18.52 0.07 0.00 | 20.38 0.09 0.00 | 22.28 0.16 0.00 | 21.42 0.10 0.00 | 18.84 0.04 0.00 | 18.35 -0.03 0.00 | 18.10 -0.06 0.00 | 21.65 -0.04 0.00 | 23.63 0.03 0.00 | 24.30 0.09 0.00 | 23.76 0.02 0.00 | 23.11 0.20 0.00 | 33.58 0.38 0.00 | 40.24 0.74 0.00 | 37.69 0.81 0.00 | 31.04 0.69 0.00 | 37.69 0.76 0.00 | 36.17 0.74 0.00 | 27.35 0.46 0.00 | 25.39 0.19 0.00 |
| PYRITES___HYD 24023 | 23.48 0.25 0.00 | 23.62 0.26 0.00 | 21.18 0.19 0.00 | 18.76 0.14 0.00 | 18.81 0.36 0.00 | 20.76 0.47 0.00 | 22.68 0.56 0.00 | 21.87 0.56 0.00 | 19.19 0.39 0.00 | 18.70 0.32 0.00 | 18.47 0.31 0.00 | 22.11 0.42 0.00 | 24.07 0.47 0.00 | 24.76 0.55 0.00 | 24.17 0.43 0.00 | 23.12 0.21 0.00 | 33.66 0.46 0.00 | 39.90 0.40 0.00 | 37.26 0.38 0.00 | 30.93 0.59 0.00 | 37.80 0.87 0.00 | 36.42 0.99 0.00 | 27.61 0.73 0.00 | 26.01 0.81 0.00 |
| QUAKERRD_115KV_BK1 80622 | 22.19 -1.05 0.00 | 22.36 -1.01 0.00 | 19.98 -1.00 0.00 | 17.74 -0.87 0.00 | 17.56 -0.89 0.00 | 19.37 -0.92 0.00 | 21.21 -0.90 0.00 | 20.35 -0.97 0.00 | 17.89 -0.91 0.00 | 17.62 -0.76 0.00 | 17.46 -0.70 0.00 | 20.95 -0.75 0.00 | 22.79 -0.82 0.00 | 23.39 -0.82 0.00 | 22.78 -0.95 0.00 | 22.16 -0.75 0.00 | 32.00 -1.19 0.00 | 38.14 -1.36 0.00 | 35.65 -1.24 0.00 | 29.15 -1.19 0.00 | 35.34 -1.60 0.00 | 34.13 -1.30 0.00 | 25.81 -1.08 0.00 | 24.02 -1.18 0.00 |
| QUENSBRY_115KV_TB8 356137 | 24.69 1.46 0.00 | 24.69 1.33 0.00 | 22.27 1.28 0.00 | 19.79 1.18 0.00 | 19.54 1.09 0.00 | 21.46 1.17 0.00 | 23.31 1.20 0.00 | 22.35 1.04 0.00 | 19.63 0.84 0.00 | 19.07 0.69 0.00 | 18.77 0.61 0.00 | 22.44 0.75 0.00 | 24.50 0.90 0.00 | 25.16 0.94 0.00 | 24.74 1.01 0.00 | 24.06 1.15 0.00 | 35.04 1.85 0.00 | 42.25 2.75 0.00 | 39.84 2.95 0.00 | 32.98 2.64 0.00 | 40.14 3.21 0.00 | 38.23 2.80 0.00 | 29.06 2.17 0.00 | 26.99 1.79 0.00 |
| RAMAPO___LBMP 323565 | 23.93 0.70 0.00 | 23.90 0.54 0.00 | 21.44 0.46 0.00 | 19.04 0.43 0.00 | 18.85 0.40 0.00 | 20.65 0.36 0.00 | 22.50 0.39 0.00 | 21.73 0.42 0.00 | 19.28 0.48 0.00 | 18.88 0.51 0.00 | 18.75 0.59 0.00 | 22.44 0.74 0.00 | 24.57 0.96 0.00 | 25.22 1.01 0.00 | 24.85 1.11 0.00 | 24.13 1.23 0.00 | 34.98 1.78 0.00 | 41.78 2.28 0.00 | 38.84 1.96 0.00 | 31.89 1.55 0.00 | 38.78 1.84 0.00 | 37.01 1.58 0.00 | 28.08 1.20 0.00 | 26.15 0.95 0.00 |
| RANKINE____ 23646 | 22.23 -1.01 0.00 | 22.40 -0.96 0.00 | 19.94 -1.04 0.00 | 17.74 -0.87 0.00 | 17.55 -0.90 0.00 | 19.41 -0.88 0.00 | 21.35 -0.76 0.00 | 20.37 -0.94 0.00 | 17.90 -0.89 0.00 | 17.77 -0.61 0.00 | 17.70 -0.46 0.00 | 21.35 -0.35 0.00 | 23.21 -0.39 0.00 | 23.84 -0.36 0.00 | 23.04 -0.70 0.00 | 22.46 -0.45 0.00 | 32.17 -1.02 0.00 | 38.22 -1.29 0.00 | 35.61 -1.27 0.00 | 29.04 -1.30 0.00 | 35.13 -1.81 0.00 | 34.26 -1.17 0.00 | 25.89 -1.00 0.00 | 24.05 -1.15 0.00 |
| RAVENSWOOD_GT2_1 24244 | 24.19 0.96 0.00 | 24.15 0.80 0.00 | 21.67 0.69 0.00 | 19.26 0.65 0.00 | 19.05 0.60 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.73 0.00 | 19.00 0.84 0.00 | 22.73 1.03 0.00 | 24.90 1.29 0.00 | 25.55 1.34 0.00 | 25.17 1.43 0.00 | 24.46 1.55 0.00 | 35.43 2.23 0.00 | 42.28 2.77 0.00 | 39.26 2.37 0.00 | 32.23 1.89 0.00 | 39.19 2.25 0.00 | 37.43 2.00 0.00 | 28.41 1.53 0.00 | 26.44 1.24 0.00 |

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| RAVENSWOOD_GT2_2 24245 | 24.19 0.96 0.00 | 24.15 0.80 0.00 | 21.67 0.69 0.00 | 19.26 0.65 0.00 | 19.05 0.60 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.73 0.00 | 19.00 0.84 0.00 | 22.73 1.03 0.00 | 24.90 1.29 0.00 | 25.55 1.34 0.00 | 25.17 1.43 0.00 | 24.46 1.55 0.00 | 35.43 2.23 0.00 | 42.28 2.77 0.00 | 39.26 2.37 0.00 | 32.23 1.89 0.00 | 39.19 2.25 0.00 | 37.43 2.00 0.00 | 28.41 1.53 0.00 | 26.44 1.24 0.00 |
| RAVENSWOOD_GT2_3 24246 | 24.20 0.97 0.00 | 24.17 0.81 0.00 | 21.68 0.70 0.00 | 19.27 0.66 0.00 | 19.06 0.62 0.00 | 20.86 0.57 0.00 | 22.72 0.61 0.00 | 21.97 0.66 0.00 | 19.51 0.72 0.00 | 19.12 0.74 0.00 | 19.01 0.85 0.00 | 22.74 1.04 0.00 | 24.91 1.31 0.00 | 25.56 1.35 0.00 | 25.18 1.45 0.00 | 24.48 1.57 0.00 | 35.45 2.26 0.00 | 42.30 2.80 0.00 | 39.28 2.40 0.00 | 32.25 1.91 0.00 | 39.21 2.28 0.00 | 37.45 2.02 0.00 | 28.43 1.54 0.00 | 26.45 1.25 0.00 |
| RAVENSWOOD_GT2_4 24247 | 24.20 0.97 0.00 | 24.17 0.81 0.00 | 21.68 0.70 0.00 | 19.27 0.66 0.00 | 19.06 0.62 0.00 | 20.86 0.57 0.00 | 22.72 0.61 0.00 | 21.97 0.66 0.00 | 19.51 0.72 0.00 | 19.12 0.74 0.00 | 19.01 0.85 0.00 | 22.74 1.04 0.00 | 24.91 1.31 0.00 | 25.56 1.35 0.00 | 25.18 1.45 0.00 | 24.48 1.57 0.00 | 35.45 2.26 0.00 | 42.30 2.80 0.00 | 39.28 2.40 0.00 | 32.25 1.91 0.00 | 39.21 2.28 0.00 | 37.45 2.02 0.00 | 28.43 1.54 0.00 | 26.45 1.25 0.00 |
| RAVENSWOOD_GT3_1 24248 | 24.19 0.96 0.00 | 24.16 0.80 0.00 | 21.68 0.69 0.00 | 19.27 0.65 0.00 | 19.06 0.61 0.00 | 20.85 0.56 0.00 | 22.72 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.74 0.00 | 19.00 0.85 0.00 | 22.73 1.04 0.00 | 24.90 1.29 0.00 | 25.55 1.34 0.00 | 25.17 1.44 0.00 | 24.46 1.55 0.00 | 35.43 2.24 0.00 | 42.28 2.78 0.00 | 39.26 2.37 0.00 | 32.24 1.89 0.00 | 39.19 2.25 0.00 | 37.43 2.00 0.00 | 28.41 1.53 0.00 | 26.44 1.24 0.00 |
| RAVENSWOOD_GT3_2 24249 | 24.19 0.96 0.00 | 24.16 0.80 0.00 | 21.68 0.69 0.00 | 19.27 0.65 0.00 | 19.06 0.61 0.00 | 20.85 0.56 0.00 | 22.72 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.74 0.00 | 19.00 0.85 0.00 | 22.73 1.04 0.00 | 24.90 1.29 0.00 | 25.55 1.34 0.00 | 25.17 1.44 0.00 | 24.46 1.55 0.00 | 35.43 2.24 0.00 | 42.28 2.78 0.00 | 39.26 2.37 0.00 | 32.24 1.89 0.00 | 39.19 2.25 0.00 | 37.43 2.00 0.00 | 28.41 1.53 0.00 | 26.44 1.24 0.00 |
| RAVENSWOOD_GT3_3 24250 | 24.24 1.01 0.00 | 24.20 0.83 0.00 | 21.71 0.73 0.00 | 19.29 0.68 0.00 | 19.08 0.64 0.00 | 20.88 0.59 0.00 | 22.75 0.64 0.00 | 21.99 0.68 0.00 | 19.54 0.74 0.00 | 19.14 0.77 0.00 | 19.04 0.88 0.00 | 22.77 1.07 0.00 | 24.95 1.34 0.00 | 25.60 1.39 0.00 | 25.22 1.48 0.00 | 24.51 1.60 0.00 | 35.49 2.30 0.00 | 42.36 2.85 0.00 | 39.32 2.44 0.00 | 32.29 1.95 0.00 | 39.25 2.32 0.00 | 37.51 2.08 0.00 | 28.46 1.57 0.00 | 26.48 1.28 0.00 |
| RAVENSWOOD_GT3_4 24251 | 24.24 1.01 0.00 | 24.20 0.83 0.00 | 21.71 0.73 0.00 | 19.29 0.68 0.00 | 19.08 0.64 0.00 | 20.88 0.59 0.00 | 22.75 0.64 0.00 | 21.99 0.68 0.00 | 19.54 0.74 0.00 | 19.14 0.77 0.00 | 19.04 0.88 0.00 | 22.77 1.07 0.00 | 24.95 1.34 0.00 | 25.60 1.39 0.00 | 25.22 1.48 0.00 | 24.51 1.60 0.00 | 35.49 2.30 0.00 | 42.36 2.85 0.00 | 39.32 2.44 0.00 | 32.29 1.95 0.00 | 39.25 2.32 0.00 | 37.51 2.08 0.00 | 28.46 1.57 0.00 | 26.48 1.28 0.00 |
| RAVENSWOOD_GT_1 23729 | 24.26 1.03 0.00 | 24.21 0.85 0.00 | 21.74 0.76 0.00 | 19.33 0.71 0.00 | 19.11 0.66 0.00 | 20.90 0.61 0.00 | 22.78 0.67 0.00 | 22.03 0.72 0.00 | 19.56 0.76 0.00 | 19.17 0.80 0.00 | 19.07 0.91 0.00 | 22.82 1.13 0.00 | 25.00 1.39 0.00 | 25.65 1.44 0.00 | 25.28 1.54 0.00 | 24.56 1.65 0.00 | 36.45 2.37 -0.89 | 42.41 2.90 0.00 | 39.38 2.50 0.00 | 32.34 2.00 0.00 | 39.30 2.36 0.00 | 37.57 2.14 0.00 | 28.52 1.63 0.00 | 26.53 1.33 0.00 |
| RAVENSWOOD_GT_10 24258 | 24.19 0.96 0.00 | 24.15 0.80 0.00 | 21.67 0.69 0.00 | 19.27 0.65 0.00 | 19.05 0.61 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.74 0.00 | 19.00 0.84 0.00 | 22.73 1.03 0.00 | 24.90 1.29 0.00 | 25.55 1.34 0.00 | 25.17 1.43 0.00 | 24.46 1.55 0.00 | 35.53 2.23 -0.10 | 42.28 2.77 0.00 | 39.26 2.37 0.00 | 32.23 1.89 0.00 | 39.19 2.25 0.00 | 37.44 2.00 0.00 | 28.41 1.53 0.00 | 26.44 1.24 0.00 |
| RAVENSWOOD_GT_11 24259 | 24.19 0.96 0.00 | 24.15 0.80 0.00 | 21.67 0.69 0.00 | 19.27 0.65 0.00 | 19.05 0.61 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.74 0.00 | 19.00 0.84 0.00 | 22.73 1.03 0.00 | 24.90 1.29 0.00 | 25.55 1.34 0.00 | 25.17 1.43 0.00 | 24.46 1.55 0.00 | 35.53 2.23 -0.10 | 42.28 2.77 0.00 | 39.26 2.37 0.00 | 32.23 1.89 0.00 | 39.19 2.25 0.00 | 37.44 2.00 0.00 | 28.41 1.53 0.00 | 26.44 1.24 0.00 |
| RAVENSWOOD_GT_4 24252 | 24.18 0.95 0.00 | 24.14 0.78 0.00 | 21.67 0.69 0.00 | 19.26 0.64 0.00 | 19.05 0.61 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.73 0.00 | 19.00 0.84 0.00 | 22.73 1.03 0.00 | 24.89 1.28 0.00 | 25.55 1.34 0.00 | 25.17 1.43 0.00 | 24.46 1.55 0.00 | 36.11 2.23 -0.68 | 42.27 2.77 0.00 | 39.25 2.37 0.00 | 32.23 1.89 0.00 | 39.18 2.25 0.00 | 37.43 2.00 0.00 | 28.41 1.52 0.00 | 26.44 1.24 0.00 |
| RAVENSWOOD_GT_5 24254 | 24.18 0.95 0.00 | 24.14 0.78 0.00 | 21.67 0.69 0.00 | 19.26 0.64 0.00 | 19.05 0.61 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.73 0.00 | 19.00 0.84 0.00 | 22.73 1.03 0.00 | 24.89 1.28 0.00 | 25.55 1.34 0.00 | 25.17 1.43 0.00 | 24.46 1.55 0.00 | 36.11 2.23 -0.68 | 42.27 2.77 0.00 | 39.25 2.37 0.00 | 32.23 1.89 0.00 | 39.18 2.25 0.00 | 37.43 2.00 0.00 | 28.41 1.52 0.00 | 26.44 1.24 0.00 |
| RAVENSWOOD_GT_6 24253 | 24.18 0.95 0.00 | 24.14 0.78 0.00 | 21.67 0.69 0.00 | 19.26 0.64 0.00 | 19.05 0.61 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.73 0.00 | 19.00 0.84 0.00 | 22.73 1.03 0.00 | 24.89 1.28 0.00 | 25.55 1.34 0.00 | 25.17 1.43 0.00 | 24.46 1.55 0.00 | 36.11 2.23 -0.68 | 42.27 2.77 0.00 | 39.25 2.37 0.00 | 32.23 1.89 0.00 | 39.18 2.25 0.00 | 37.43 2.00 0.00 | 28.41 1.52 0.00 | 26.44 1.24 0.00 |
| RAVENSWOOD_GT_7 24255 | 24.18 0.95 0.00 | 24.14 0.78 0.00 | 21.67 0.69 0.00 | 19.26 0.64 0.00 | 19.05 0.61 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.73 0.00 | 19.00 0.84 0.00 | 22.73 1.03 0.00 | 24.89 1.28 0.00 | 25.55 1.34 0.00 | 25.17 1.43 0.00 | 24.46 1.55 0.00 | 36.11 2.23 -0.68 | 42.27 2.77 0.00 | 39.25 2.37 0.00 | 32.23 1.89 0.00 | 39.18 2.25 0.00 | 37.43 2.00 0.00 | 28.41 1.52 0.00 | 26.44 1.24 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 24.19 0.96 0.00 | 24.15 0.80 0.00 | 21.67 0.69 0.00 | 19.27 0.65 0.00 | 19.05 0.61 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.74 0.00 | 19.00 0.84 0.00 | 22.73 1.03 0.00 | 24.90 1.29 0.00 | 25.55 1.34 0.00 | 25.17 1.43 0.00 | 24.46 1.55 0.00 | 35.53 2.23 -0.10 | 42.28 2.77 0.00 | 39.26 2.37 0.00 | 32.23 1.89 0.00 | 39.19 2.25 0.00 | 37.44 2.00 0.00 | 28.41 1.53 0.00 | 26.44 1.24 0.00 |

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| RAVENSWOOD_GT_9 24257 | 24.19 0.96 0.00 | 24.15 0.80 0.00 | 21.67 0.69 0.00 | 19.27 0.65 0.00 | 19.05 0.61 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.96 0.65 0.00 | 19.50 0.71 0.00 | 19.11 0.74 0.00 | 19.00 0.84 0.00 | 22.73 1.03 0.00 | 24.90 1.29 0.00 | 25.55 1.34 0.00 | 25.17 1.43 0.00 | 24.46 1.55 0.00 | 35.53 2.23 -0.10 | 42.28 2.77 0.00 | 39.26 2.37 0.00 | 32.23 1.89 0.00 | 39.19 2.25 0.00 | 37.44 2.00 0.00 | 28.41 1.53 0.00 | 26.44 1.24 0.00 |
| RAVENSWOOD____1 23533 | 24.26 1.02 0.00 | 24.21 0.85 0.00 | 21.71 0.73 0.00 | 19.29 0.68 0.00 | 19.07 0.62 0.00 | 20.86 0.57 0.00 | 22.73 0.62 0.00 | 21.98 0.67 0.00 | 19.53 0.73 0.00 | 19.14 0.76 0.00 | 19.03 0.88 0.00 | 22.77 1.07 0.00 | 24.94 1.34 0.00 | 25.59 1.38 0.00 | 25.21 1.48 0.00 | 24.50 1.59 0.00 | 34.61 2.30 0.88 | 42.34 2.84 0.00 | 39.32 2.44 0.00 | 32.29 1.95 0.00 | 39.24 2.30 0.00 | 37.50 2.07 0.00 | 28.46 1.57 0.00 | 26.48 1.28 0.00 |
| RAVENSWOOD____2 23534 | 24.26 1.02 0.00 | 24.21 0.85 0.00 | 21.71 0.73 0.00 | 19.29 0.68 0.00 | 19.07 0.62 0.00 | 20.86 0.57 0.00 | 22.73 0.62 0.00 | 21.98 0.67 0.00 | 19.53 0.73 0.00 | 19.14 0.76 0.00 | 19.03 0.88 0.00 | 22.77 1.07 0.00 | 24.94 1.34 0.00 | 25.59 1.38 0.00 | 25.21 1.48 0.00 | 24.50 1.59 0.00 | 34.61 2.30 0.88 | 42.34 2.84 0.00 | 39.32 2.44 0.00 | 32.29 1.95 0.00 | 39.24 2.30 0.00 | 37.50 2.07 0.00 | 28.46 1.57 0.00 | 26.48 1.28 0.00 |
| RAVENSWOOD____3 23535 | 24.19 0.96 0.00 | 24.16 0.80 0.00 | 21.68 0.69 0.00 | 19.27 0.65 0.00 | 19.06 0.61 0.00 | 20.85 0.56 0.00 | 22.72 0.60 0.00 | 21.96 0.65 0.00 | 19.51 0.71 0.00 | 19.11 0.74 0.00 | 19.00 0.85 0.00 | 22.73 1.03 0.00 | 24.90 1.30 0.00 | 25.55 1.34 0.00 | 25.18 1.44 0.00 | 24.46 1.55 0.00 | 35.43 2.24 0.00 | 42.28 2.78 0.00 | 39.26 2.38 0.00 | 32.24 1.90 0.00 | 39.19 2.26 0.00 | 37.43 2.01 0.00 | 28.42 1.53 0.00 | 26.44 1.25 0.00 |
| RAVENSWOOD____4 23820 | 24.26 1.02 0.00 | 24.21 0.85 0.00 | 21.71 0.73 0.00 | 19.29 0.68 0.00 | 19.07 0.62 0.00 | 20.86 0.57 0.00 | 22.73 0.62 0.00 | 21.98 0.67 0.00 | 19.53 0.73 0.00 | 19.14 0.76 0.00 | 19.03 0.88 0.00 | 22.77 1.07 0.00 | 24.94 1.34 0.00 | 25.59 1.38 0.00 | 25.21 1.48 0.00 | 24.50 1.59 0.00 | 34.61 2.30 0.88 | 42.34 2.84 0.00 | 39.32 2.44 0.00 | 32.29 1.95 0.00 | 39.24 2.30 0.00 | 37.50 2.07 0.00 | 28.46 1.57 0.00 | 26.48 1.28 0.00 |
| RCPI_TRUST____DRP 24196 | 24.19 0.96 0.00 | 24.16 0.80 0.00 | 21.67 0.69 0.00 | 19.26 0.64 0.00 | 19.04 0.60 0.00 | 20.84 0.54 0.00 | 22.70 0.59 0.00 | 21.95 0.64 0.00 | 19.50 0.70 0.00 | 19.10 0.73 0.00 | 18.99 0.84 0.00 | 22.72 1.03 0.00 | 24.90 1.29 0.00 | 25.55 1.34 0.00 | 25.17 1.44 0.00 | 24.46 1.55 0.00 | 35.43 2.24 0.00 | 42.28 2.77 0.00 | 39.26 2.37 0.00 | 32.21 1.87 0.00 | 39.17 2.23 0.00 | 37.41 1.98 0.00 | 28.40 1.51 0.00 | 26.42 1.22 0.00 |
| RED____ROCHESTER 323720 | 22.67 -0.56 0.00 | 22.83 -0.53 0.00 | 20.38 -0.61 0.00 | 18.10 -0.51 0.00 | 17.91 -0.53 0.00 | 19.76 -0.53 0.00 | 21.67 -0.45 0.00 | 20.76 -0.55 0.00 | 18.23 -0.56 0.00 | 17.99 -0.39 0.00 | 17.86 -0.30 0.00 | 21.48 -0.21 0.00 | 23.36 -0.24 0.00 | 24.01 -0.20 0.00 | 23.35 -0.39 0.00 | 22.75 -0.16 0.00 | 32.82 -0.37 0.00 | 39.13 -0.37 0.00 | 36.58 -0.30 0.00 | 29.87 -0.47 0.00 | 36.20 -0.73 0.00 | 34.99 -0.44 0.00 | 26.44 -0.45 0.00 | 24.58 -0.62 0.00 |
| REGAN____SOLAR 323812 | 24.57 1.34 0.00 | 24.64 1.28 0.00 | 22.08 1.10 0.00 | 19.58 0.97 0.00 | 19.39 0.94 0.00 | 21.32 1.03 0.00 | 23.27 1.16 0.00 | 22.25 0.94 0.00 | 19.13 0.33 0.00 | 18.42 0.04 0.00 | 18.12 -0.04 0.00 | 21.65 -0.05 0.00 | 23.59 -0.01 0.00 | 24.24 0.03 0.00 | 23.83 0.10 0.00 | 23.12 0.21 0.00 | 33.75 0.55 0.00 | 40.63 1.12 0.00 | 38.84 1.95 0.00 | 32.44 2.10 0.00 | 39.54 2.61 0.00 | 37.89 2.46 0.00 | 28.67 1.79 0.00 | 26.70 1.51 0.00 |
| RENSSELAER____COGEN 23796 | 23.34 0.11 0.00 | 23.50 0.14 0.00 | 21.28 0.30 0.00 | 18.93 0.31 0.00 | 18.76 0.31 0.00 | 20.55 0.26 0.00 | 22.26 0.15 0.00 | 21.53 0.23 0.00 | 18.99 0.19 0.00 | 18.46 0.08 0.00 | 18.21 0.06 0.00 | 21.75 0.06 0.00 | 23.62 0.02 0.00 | 24.21 0.00 0.00 | 23.83 0.09 0.00 | 23.12 0.21 0.00 | 33.43 0.24 0.00 | 39.94 0.43 0.00 | 37.35 0.47 0.00 | 30.80 0.46 0.00 | 37.58 0.64 0.00 | 35.91 0.48 0.00 | 27.24 0.36 0.00 | 25.37 0.18 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 25.52 2.29 0.00 | 25.37 2.01 0.00 | 22.95 1.96 0.00 | 20.41 1.80 0.00 | 20.28 1.83 0.00 | 22.37 2.07 0.00 | 24.40 2.29 0.00 | 23.39 2.08 0.00 | 20.43 1.63 0.00 | 19.77 1.39 0.00 | 19.36 1.20 0.00 | 23.12 1.42 0.00 | 25.31 1.70 0.00 | 25.95 1.74 0.00 | 25.47 1.73 0.00 | 24.81 1.90 0.00 | 36.25 3.06 0.00 | 44.19 4.69 0.00 | 42.00 5.12 0.00 | 35.10 4.76 0.00 | 42.59 5.66 0.00 | 40.35 4.92 0.00 | 30.53 3.64 0.00 | 28.27 3.08 0.00 |
| REVERE_CPPR_DRP 24186 | 23.68 0.45 0.00 | 23.80 0.44 0.00 | 21.36 0.38 0.00 | 18.95 0.34 0.00 | 18.79 0.35 0.00 | 20.66 0.37 0.00 | 22.54 0.43 0.00 | 21.70 0.39 0.00 | 19.05 0.26 0.00 | 18.57 0.19 0.00 | 18.34 0.18 0.00 | 21.90 0.21 0.00 | 23.85 0.24 0.00 | 24.47 0.26 0.00 | 24.02 0.29 0.00 | 23.28 0.37 0.00 | 33.91 0.72 0.00 | 40.57 1.07 0.00 | 38.16 1.28 0.00 | 31.49 1.15 0.00 | 38.36 1.42 0.00 | 36.73 1.30 0.00 | 27.77 0.88 0.00 | 25.85 0.65 0.00 |
| REYNOLDS_115KV_TB3 80639 | 23.52 0.29 0.00 | 23.68 0.32 0.00 | 21.41 0.43 0.00 | 19.04 0.42 0.00 | 18.87 0.42 0.00 | 20.68 0.39 0.00 | 22.38 0.26 0.00 | 21.63 0.32 0.00 | 19.09 0.29 0.00 | 18.58 0.20 0.00 | 18.33 0.17 0.00 | 21.89 0.19 0.00 | 23.78 0.17 0.00 | 24.37 0.16 0.00 | 23.98 0.25 0.00 | 23.26 0.35 0.00 | 33.61 0.42 0.00 | 40.14 0.64 0.00 | 37.56 0.68 0.00 | 30.99 0.65 0.00 | 37.84 0.90 0.00 | 36.17 0.74 0.00 | 27.44 0.56 0.00 | 25.56 0.37 0.00 |
| RIVERBAY____ 323610 | 24.23 1.00 0.00 | 24.18 0.82 0.00 | 21.70 0.72 0.00 | 19.29 0.67 0.00 | 19.06 0.61 0.00 | 20.85 0.56 0.00 | 22.75 0.64 0.00 | 22.00 0.69 0.00 | 19.53 0.73 0.00 | 19.12 0.74 0.00 | 19.01 0.85 0.00 | 22.73 1.03 0.00 | 24.90 1.29 0.00 | 25.53 1.32 0.00 | 25.17 1.44 0.00 | 24.44 1.54 0.00 | 35.40 2.20 0.00 | 42.24 2.73 0.00 | 39.24 2.36 0.00 | 32.27 1.93 0.00 | 39.18 2.25 0.00 | 37.50 2.07 0.00 | 28.45 1.57 0.00 | 26.48 1.29 0.00 |
| RIVERSDE_115KV_TB3 55908 | 23.45 0.21 0.00 | 23.60 0.24 0.00 | 21.37 0.39 0.00 | 19.00 0.39 0.00 | 18.83 0.38 0.00 | 20.64 0.35 0.00 | 22.34 0.23 0.00 | 21.60 0.29 0.00 | 19.05 0.26 0.00 | 18.54 0.16 0.00 | 18.28 0.12 0.00 | 21.84 0.15 0.00 | 23.72 0.12 0.00 | 24.32 0.11 0.00 | 23.94 0.20 0.00 | 23.23 0.32 0.00 | 33.57 0.37 0.00 | 40.09 0.59 0.00 | 37.52 0.63 0.00 | 30.94 0.60 0.00 | 37.75 0.82 0.00 | 36.09 0.66 0.00 | 27.37 0.48 0.00 | 25.49 0.30 0.00 |
| ROARING____BROOK_WT_PWR 323790 | 23.03 -0.20 0.00 | 23.25 -0.11 0.00 | 20.87 -0.11 0.00 | 18.50 -0.12 0.00 | 18.35 -0.09 0.00 | 20.22 -0.07 0.00 | 22.03 -0.09 0.00 | 21.24 -0.07 0.00 | 18.76 -0.03 0.00 | 18.39 0.01 0.00 | 18.15 0.00 0.00 | 21.74 0.04 0.00 | 23.67 0.06 0.00 | 24.27 0.06 0.00 | 23.76 0.02 0.00 | 22.86 -0.05 0.00 | 33.13 -0.07 0.00 | 39.28 -0.22 0.00 | 36.66 -0.22 0.00 | 30.14 -0.20 0.00 | 36.73 -0.21 0.00 | 35.33 -0.10 0.00 | 26.83 -0.06 0.00 | 25.23 0.03 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ROCHESRG_115KV_T4 355643 | 22.44 -0.79 0.00 | 22.62 -0.74 0.00 | 20.19 -0.79 0.00 | 17.94 -0.67 0.00 | 17.76 -0.69 0.00 | 19.59 -0.70 0.00 | 21.48 -0.63 0.00 | 20.57 -0.73 0.00 | 18.08 -0.72 0.00 | 17.84 -0.54 0.00 | 17.70 -0.46 0.00 | 21.26 -0.44 0.00 | 23.11 -0.49 0.00 | 23.73 -0.48 0.00 | 23.07 -0.67 0.00 | 22.45 -0.47 0.00 | 32.36 -0.83 0.00 | 38.55 -0.95 0.00 | 36.03 -0.85 0.00 | 29.44 -0.90 0.00 | 35.68 -1.26 0.00 | 34.53 -0.91 0.00 | 26.11 -0.78 0.00 | 24.30 -0.90 0.00 |
| ROCHESTER_9_IC 23652 | 22.56 -0.67 0.00 | 22.73 -0.63 0.00 | 20.29 -0.69 0.00 | 18.03 -0.59 0.00 | 17.85 -0.60 0.00 | 19.69 -0.61 0.00 | 21.58 -0.53 0.00 | 20.67 -0.64 0.00 | 18.16 -0.63 0.00 | 17.92 -0.46 0.00 | 17.78 -0.38 0.00 | 21.37 -0.32 0.00 | 23.24 -0.37 0.00 | 23.87 -0.34 0.00 | 23.21 -0.52 0.00 | 22.59 -0.32 0.00 | 32.59 -0.60 0.00 | 38.85 -0.66 0.00 | 36.32 -0.56 0.00 | 29.66 -0.68 0.00 | 35.94 -0.99 0.00 | 34.77 -0.65 0.00 | 26.27 -0.61 0.00 | 24.44 -0.75 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 24.20 0.97 0.00 | 24.17 0.82 0.00 | 21.69 0.71 0.00 | 19.27 0.66 0.00 | 19.07 0.62 0.00 | 20.87 0.58 0.00 | 22.74 0.63 0.00 | 21.98 0.67 0.00 | 19.52 0.72 0.00 | 19.12 0.75 0.00 | 19.01 0.85 0.00 | 22.75 1.05 0.00 | 24.91 1.30 0.00 | 25.57 1.36 0.00 | 25.18 1.45 0.00 | 24.47 1.56 0.00 | 35.46 2.27 0.00 | 42.34 2.83 0.00 | 39.33 2.45 0.00 | 32.29 1.95 0.00 | 39.28 2.34 0.00 | 37.49 2.06 0.00 | 28.45 1.56 0.00 | 26.47 1.27 0.00 |
| ROME____115KV_TB2 80656 | 23.68 0.45 0.00 | 23.80 0.44 0.00 | 21.36 0.38 0.00 | 18.95 0.34 0.00 | 18.79 0.35 0.00 | 20.66 0.37 0.00 | 22.54 0.43 0.00 | 21.70 0.39 0.00 | 19.05 0.26 0.00 | 18.57 0.19 0.00 | 18.34 0.18 0.00 | 21.90 0.21 0.00 | 23.85 0.24 0.00 | 24.47 0.26 0.00 | 24.02 0.29 0.00 | 23.28 0.37 0.00 | 33.91 0.72 0.00 | 40.57 1.07 0.00 | 38.16 1.28 0.00 | 31.49 1.15 0.00 | 38.36 1.42 0.00 | 36.73 1.30 0.00 | 27.77 0.88 0.00 | 25.85 0.65 0.00 |
| ROSETON___1 23587 | 23.88 0.65 0.00 | 23.89 0.53 0.00 | 21.46 0.47 0.00 | 19.07 0.45 0.00 | 18.87 0.43 0.00 | 20.67 0.38 0.00 | 22.51 0.40 0.00 | 21.74 0.43 0.00 | 19.27 0.48 0.00 | 18.87 0.49 0.00 | 18.71 0.55 0.00 | 22.37 0.67 0.00 | 24.46 0.86 0.00 | 25.11 0.90 0.00 | 24.71 0.98 0.00 | 23.99 1.08 0.00 | 34.76 1.56 0.00 | 41.51 2.00 0.00 | 38.63 1.75 0.00 | 31.76 1.42 0.00 | 38.65 1.71 0.00 | 36.91 1.48 0.00 | 28.01 1.12 0.00 | 26.07 0.87 0.00 |
| ROSETON___2 23588 | 23.88 0.65 0.00 | 23.89 0.53 0.00 | 21.46 0.47 0.00 | 19.07 0.45 0.00 | 18.87 0.43 0.00 | 20.67 0.38 0.00 | 22.51 0.40 0.00 | 21.74 0.43 0.00 | 19.27 0.48 0.00 | 18.87 0.49 0.00 | 18.71 0.55 0.00 | 22.37 0.67 0.00 | 24.46 0.86 0.00 | 25.11 0.90 0.00 | 24.71 0.98 0.00 | 23.99 1.08 0.00 | 34.76 1.56 0.00 | 41.51 2.00 0.00 | 38.63 1.75 0.00 | 31.76 1.42 0.00 | 38.65 1.71 0.00 | 36.91 1.48 0.00 | 28.01 1.12 0.00 | 26.07 0.87 0.00 |
| ROTRRDAM_115KV_TB3 80664 | 23.69 0.46 0.00 | 23.79 0.42 0.00 | 21.39 0.41 0.00 | 19.00 0.39 0.00 | 18.82 0.37 0.00 | 20.65 0.36 0.00 | 22.47 0.35 0.00 | 21.64 0.33 0.00 | 19.07 0.27 0.00 | 18.59 0.21 0.00 | 18.36 0.20 0.00 | 21.93 0.23 0.00 | 23.89 0.29 0.00 | 24.51 0.30 0.00 | 24.09 0.35 0.00 | 23.34 0.43 0.00 | 33.84 0.64 0.00 | 40.44 0.94 0.00 | 37.86 0.98 0.00 | 31.22 0.88 0.00 | 38.03 1.09 0.00 | 36.40 0.97 0.00 | 27.61 0.73 0.00 | 25.75 0.56 0.00 |
| RUSSELL___1 23602 | 22.67 -0.56 0.00 | 22.83 -0.53 0.00 | 20.38 -0.60 0.00 | 18.10 -0.51 0.00 | 17.91 -0.53 0.00 | 19.76 -0.53 0.00 | 21.67 -0.44 0.00 | 20.75 -0.56 0.00 | 18.23 -0.56 0.00 | 17.99 -0.38 0.00 | 17.86 -0.29 0.00 | 21.47 -0.22 0.00 | 23.36 -0.24 0.00 | 24.01 -0.20 0.00 | 23.35 -0.39 0.00 | 22.74 -0.17 0.00 | 32.82 -0.37 0.00 | 39.13 -0.37 0.00 | 36.58 -0.30 0.00 | 29.87 -0.47 0.00 | 36.20 -0.73 0.00 | 34.99 -0.44 0.00 | 26.44 -0.45 0.00 | 24.58 -0.62 0.00 |
| RUSSELL___2 23532 | 22.67 -0.56 0.00 | 22.83 -0.53 0.00 | 20.38 -0.60 0.00 | 18.10 -0.51 0.00 | 17.91 -0.53 0.00 | 19.76 -0.53 0.00 | 21.67 -0.44 0.00 | 20.75 -0.56 0.00 | 18.23 -0.56 0.00 | 17.99 -0.38 0.00 | 17.86 -0.29 0.00 | 21.47 -0.22 0.00 | 23.36 -0.24 0.00 | 24.01 -0.20 0.00 | 23.35 -0.39 0.00 | 22.74 -0.17 0.00 | 32.82 -0.37 0.00 | 39.13 -0.37 0.00 | 36.58 -0.30 0.00 | 29.87 -0.47 0.00 | 36.20 -0.73 0.00 | 34.99 -0.44 0.00 | 26.44 -0.45 0.00 | 24.58 -0.62 0.00 |
| RUSSELL___3 23549 | 22.67 -0.56 0.00 | 22.83 -0.53 0.00 | 20.38 -0.60 0.00 | 18.10 -0.51 0.00 | 17.91 -0.53 0.00 | 19.76 -0.53 0.00 | 21.67 -0.44 0.00 | 20.75 -0.56 0.00 | 18.23 -0.56 0.00 | 17.99 -0.38 0.00 | 17.86 -0.29 0.00 | 21.47 -0.22 0.00 | 23.36 -0.24 0.00 | 24.01 -0.20 0.00 | 23.35 -0.39 0.00 | 22.74 -0.17 0.00 | 32.82 -0.37 0.00 | 39.13 -0.37 0.00 | 36.58 -0.30 0.00 | 29.87 -0.47 0.00 | 36.20 -0.73 0.00 | 34.99 -0.44 0.00 | 26.44 -0.45 0.00 | 24.58 -0.62 0.00 |
| RUSSELL___4 23556 | 22.67 -0.56 0.00 | 22.83 -0.53 0.00 | 20.38 -0.60 0.00 | 18.10 -0.51 0.00 | 17.91 -0.53 0.00 | 19.76 -0.53 0.00 | 21.67 -0.44 0.00 | 20.75 -0.56 0.00 | 18.23 -0.56 0.00 | 17.99 -0.38 0.00 | 17.86 -0.29 0.00 | 21.47 -0.22 0.00 | 23.36 -0.24 0.00 | 24.01 -0.20 0.00 | 23.35 -0.39 0.00 | 22.74 -0.17 0.00 | 32.82 -0.37 0.00 | 39.13 -0.37 0.00 | 36.58 -0.30 0.00 | 29.87 -0.47 0.00 | 36.20 -0.73 0.00 | 34.99 -0.44 0.00 | 26.44 -0.45 0.00 | 24.58 -0.62 0.00 |
| RUSSELL___STATION 23914 | 22.67 -0.56 0.00 | 22.83 -0.53 0.00 | 20.38 -0.60 0.00 | 18.10 -0.51 0.00 | 17.91 -0.53 0.00 | 19.76 -0.53 0.00 | 21.67 -0.44 0.00 | 20.75 -0.56 0.00 | 18.23 -0.56 0.00 | 17.99 -0.38 0.00 | 17.86 -0.29 0.00 | 21.47 -0.22 0.00 | 23.36 -0.24 0.00 | 24.01 -0.20 0.00 | 23.35 -0.39 0.00 | 22.74 -0.17 0.00 | 32.82 -0.37 0.00 | 39.13 -0.37 0.00 | 36.58 -0.30 0.00 | 29.87 -0.47 0.00 | 36.20 -0.73 0.00 | 34.99 -0.44 0.00 | 26.44 -0.45 0.00 | 24.58 -0.62 0.00 |
| S SALMON___HYD 24043 | 22.58 -0.64 0.00 | 22.75 -0.61 0.00 | 20.41 -0.58 0.00 | 18.11 -0.50 0.00 | 17.99 -0.46 0.00 | 19.79 -0.51 0.00 | 21.60 -0.51 0.00 | 20.79 -0.52 0.00 | 18.29 -0.51 0.00 | 17.87 -0.51 0.00 | 17.66 -0.50 0.00 | 21.03 -0.66 0.00 | 22.87 -0.74 0.00 | 23.47 -0.74 0.00 | 23.00 -0.74 0.00 | 22.30 -0.61 0.00 | 32.50 -0.69 0.00 | 38.73 -0.77 0.00 | 36.32 -0.57 0.00 | 29.93 -0.41 0.00 | 36.52 -0.41 0.00 | 34.96 -0.46 0.00 | 26.48 -0.41 0.00 | 24.70 -0.49 0.00 |
| S.PERRY___115KV_TB1 80734 | 23.21 -0.03 0.00 | 23.31 -0.05 0.00 | 20.80 -0.18 0.00 | 18.51 -0.11 0.00 | 18.30 -0.14 0.00 | 20.20 -0.09 0.00 | 22.19 0.08 0.00 | 21.25 -0.06 0.00 | 18.52 -0.27 0.00 | 18.15 -0.22 0.00 | 18.03 -0.13 0.00 | 21.68 -0.01 0.00 | 23.61 0.01 0.00 | 24.25 0.04 0.00 | 23.56 -0.18 0.00 | 22.95 0.05 0.00 | 33.12 -0.07 0.00 | 39.58 0.08 0.00 | 37.54 0.66 0.00 | 30.64 0.29 0.00 | 37.21 0.27 0.00 | 36.06 0.63 0.00 | 27.18 0.30 0.00 | 25.17 -0.03 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 21.98 -1.25 0.00 | 22.17 -1.19 0.00 | 19.73 -1.26 0.00 | 17.56 -1.06 0.00 | 17.37 -1.08 0.00 | 19.21 -1.09 0.00 | 21.13 -0.98 0.00 | 20.16 -1.15 0.00 | 17.71 -1.09 0.00 | 17.59 -0.79 0.00 | 17.52 -0.64 0.00 | 21.14 -0.56 0.00 | 22.95 -0.65 0.00 | 23.57 -0.64 0.00 | 22.75 -0.98 0.00 | 22.16 -0.75 0.00 | 31.73 -1.47 0.00 | 37.63 -1.87 0.00 | 35.07 -1.81 0.00 | 28.60 -1.74 0.00 | 34.61 -2.32 0.00 | 33.81 -1.62 0.00 | 25.57 -1.32 0.00 | 23.78 -1.41 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 21.98 -1.25 0.00 | 22.17 -1.19 0.00 | 19.73 -1.26 0.00 | 17.56 -1.06 0.00 | 17.37 -1.08 0.00 | 19.21 -1.09 0.00 | 21.13 -0.98 0.00 | 20.16 -1.15 0.00 | 17.71 -1.09 0.00 | 17.59 -0.79 0.00 | 17.52 -0.64 0.00 | 21.14 -0.56 0.00 | 22.95 -0.65 0.00 | 23.57 -0.64 0.00 | 22.75 -0.98 0.00 | 22.16 -0.75 0.00 | 31.73 -1.47 0.00 | 37.63 -1.87 0.00 | 35.07 -1.81 0.00 | 28.60 -1.74 0.00 | 34.61 -2.32 0.00 | 33.81 -1.62 0.00 | 25.57 -1.32 0.00 | 23.78 -1.41 0.00 |
| SELKIRK___I 23801 | 23.58 0.35 0.00 | 23.73 0.37 0.00 | 21.45 0.47 0.00 | 19.08 0.46 0.00 | 18.90 0.46 0.00 | 20.73 0.44 0.00 | 22.48 0.37 0.00 | 21.70 0.39 0.00 | 19.12 0.33 0.00 | 18.58 0.20 0.00 | 18.31 0.15 0.00 | 21.86 0.16 0.00 | 23.75 0.14 0.00 | 24.35 0.14 0.00 | 23.95 0.21 0.00 | 23.22 0.31 0.00 | 33.63 0.43 0.00 | 40.22 0.71 0.00 | 37.66 0.78 0.00 | 31.07 0.72 0.00 | 37.89 0.96 0.00 | 36.25 0.82 0.00 | 27.50 0.61 0.00 | 25.63 0.43 0.00 |
| SELKIRK___II 23799 | 23.43 0.19 0.00 | 23.56 0.20 0.00 | 21.29 0.31 0.00 | 18.93 0.31 0.00 | 18.75 0.31 0.00 | 20.56 0.27 0.00 | 22.30 0.19 0.00 | 21.55 0.24 0.00 | 19.01 0.22 0.00 | 18.51 0.14 0.00 | 18.28 0.12 0.00 | 21.82 0.13 0.00 | 23.73 0.13 0.00 | 24.34 0.13 0.00 | 23.93 0.20 0.00 | 23.20 0.30 0.00 | 33.57 0.38 0.00 | 40.09 0.59 0.00 | 37.48 0.60 0.00 | 30.89 0.55 0.00 | 37.68 0.74 0.00 | 36.03 0.59 0.00 | 27.33 0.45 0.00 | 25.47 0.27 0.00 |
| SENECA OSWGO___HYD 24041 | 22.77 -0.46 0.00 | 22.92 -0.44 0.00 | 20.56 -0.42 0.00 | 18.26 -0.35 0.00 | 18.08 -0.36 0.00 | 19.89 -0.40 0.00 | 21.70 -0.41 0.00 | 20.89 -0.42 0.00 | 18.40 -0.40 0.00 | 17.98 -0.39 0.00 | 17.75 -0.41 0.00 | 21.17 -0.52 0.00 | 22.98 -0.63 0.00 | 23.56 -0.65 0.00 | 23.09 -0.65 0.00 | 22.39 -0.52 0.00 | 32.45 -0.74 0.00 | 38.74 -0.76 0.00 | 36.25 -0.63 0.00 | 29.83 -0.51 0.00 | 36.27 -0.66 0.00 | 34.79 -0.64 0.00 | 26.33 -0.55 0.00 | 24.58 -0.61 0.00 |
| SENECA___115KV_TB3 355854 | 22.26 -0.97 0.00 | 22.43 -0.93 0.00 | 19.96 -1.02 0.00 | 17.77 -0.85 0.00 | 17.58 -0.87 0.00 | 19.43 -0.86 0.00 | 21.38 -0.73 0.00 | 20.40 -0.91 0.00 | 17.93 -0.87 0.00 | 17.79 -0.59 0.00 | 17.72 -0.43 0.00 | 21.38 -0.31 0.00 | 23.25 -0.36 0.00 | 23.89 -0.32 0.00 | 23.07 -0.66 0.00 | 22.50 -0.41 0.00 | 32.23 -0.96 0.00 | 38.28 -1.23 0.00 | 35.67 -1.22 0.00 | 29.09 -1.26 0.00 | 35.20 -1.74 0.00 | 34.32 -1.12 0.00 | 25.93 -0.96 0.00 | 24.09 -1.11 0.00 |
| SENECA___ENERGY 23797 | 22.85 -0.38 0.00 | 22.97 -0.39 0.00 | 20.59 -0.40 0.00 | 18.29 -0.32 0.00 | 18.08 -0.37 0.00 | 19.92 -0.37 0.00 | 21.79 -0.33 0.00 | 20.96 -0.35 0.00 | 18.43 -0.36 0.00 | 18.05 -0.33 0.00 | 17.84 -0.32 0.00 | 21.32 -0.37 0.00 | 23.24 -0.36 0.00 | 23.86 -0.35 0.00 | 23.32 -0.42 0.00 | 22.69 -0.22 0.00 | 32.85 -0.34 0.00 | 39.27 -0.23 0.00 | 36.81 -0.07 0.00 | 30.26 -0.09 0.00 | 36.62 -0.32 0.00 | 35.20 -0.23 0.00 | 26.66 -0.23 0.00 | 24.76 -0.44 0.00 |
| SHOEMAKER___GT 23640 | 23.81 0.58 0.00 | 23.82 0.46 0.00 | 21.38 0.39 0.00 | 18.99 0.37 0.00 | 18.80 0.36 0.00 | 20.61 0.32 0.00 | 22.46 0.34 0.00 | 21.67 0.36 0.00 | 19.18 0.39 0.00 | 18.75 0.38 0.00 | 18.58 0.43 0.00 | 22.21 0.52 0.00 | 24.28 0.68 0.00 | 24.94 0.73 0.00 | 24.54 0.81 0.00 | 23.83 0.91 0.00 | 34.54 1.34 0.00 | 41.29 1.79 0.00 | 38.48 1.60 0.00 | 31.65 1.31 0.00 | 38.50 1.57 0.00 | 36.78 1.35 0.00 | 27.90 1.02 0.00 | 25.98 0.79 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 23.80 0.57 0.00 | 23.81 0.45 0.00 | 21.37 0.39 0.00 | 18.98 0.37 0.00 | 18.80 0.35 0.00 | 20.60 0.31 0.00 | 22.45 0.33 0.00 | 21.67 0.36 0.00 | 19.18 0.39 0.00 | 18.76 0.39 0.00 | 18.60 0.44 0.00 | 22.23 0.54 0.00 | 24.31 0.70 0.00 | 24.96 0.75 0.00 | 24.57 0.83 0.00 | 23.85 0.94 0.00 | 34.57 1.37 0.00 | 41.31 1.80 0.00 | 38.49 1.61 0.00 | 31.64 1.30 0.00 | 38.49 1.56 0.00 | 36.77 1.34 0.00 | 27.90 1.01 0.00 | 25.98 0.78 0.00 |
| SHOREHAM_IC_1 23715 | 24.22 0.99 0.00 | 24.12 0.76 0.00 | 21.60 0.62 0.00 | 19.24 0.63 0.00 | 19.06 0.61 0.00 | 20.92 0.63 0.00 | 22.84 0.73 0.00 | 21.99 0.68 0.00 | 19.65 0.85 0.00 | 21.45 0.91 -2.16 | 22.98 0.96 -3.87 | 31.68 1.15 -8.84 | 32.52 1.44 -7.48 | 31.86 1.54 -6.11 | 25.29 1.55 0.00 | 24.70 1.79 0.00 | 35.75 2.55 0.00 | 42.91 3.41 0.00 | 39.75 2.87 0.00 | 32.59 2.25 0.00 | 39.78 2.84 0.00 | 37.56 2.13 0.00 | 28.61 1.72 0.00 | 26.57 1.38 0.00 |
| SHOREHAM_IC_2 23716 | 24.22 0.99 0.00 | 24.12 0.76 0.00 | 21.60 0.62 0.00 | 19.24 0.63 0.00 | 19.06 0.61 0.00 | 20.92 0.63 0.00 | 22.84 0.73 0.00 | 21.99 0.68 0.00 | 19.65 0.85 0.00 | 21.45 0.91 -2.16 | 22.98 0.96 -3.87 | 31.68 1.15 -8.84 | 32.52 1.44 -7.48 | 31.86 1.54 -6.11 | 25.29 1.55 0.00 | 24.70 1.79 0.00 | 35.75 2.55 0.00 | 42.91 3.41 0.00 | 39.75 2.87 0.00 | 32.59 2.25 0.00 | 39.78 2.84 0.00 | 37.56 2.13 0.00 | 28.61 1.72 0.00 | 26.57 1.38 0.00 |
| SISSONVILLE____ 23735 | 22.91 -0.32 0.00 | 23.07 -0.29 0.00 | 20.71 -0.27 0.00 | 18.36 -0.26 0.00 | 18.49 0.04 0.00 | 20.40 0.11 0.00 | 22.25 0.14 0.00 | 21.51 0.20 0.00 | 18.95 0.15 0.00 | 18.54 0.16 0.00 | 18.33 0.17 0.00 | 21.95 0.25 0.00 | 23.89 0.29 0.00 | 24.54 0.33 0.00 | 23.99 0.25 0.00 | 22.97 0.06 0.00 | 33.38 0.18 0.00 | 39.44 -0.06 0.00 | 36.89 0.01 0.00 | 30.44 0.09 0.00 | 37.13 0.19 0.00 | 35.75 0.32 0.00 | 27.12 0.24 0.00 | 25.56 0.36 0.00 |
| SITHE_IND_GS1 24169 | 22.62 -0.61 0.00 | 22.80 -0.56 0.00 | 20.46 -0.52 0.00 | 18.17 -0.45 0.00 | 17.99 -0.46 0.00 | 19.79 -0.50 0.00 | 21.60 -0.52 0.00 | 20.79 -0.53 0.00 | 18.31 -0.49 0.00 | 17.92 -0.46 0.00 | 17.68 -0.48 0.00 | 21.07 -0.62 0.00 | 22.84 -0.76 0.00 | 23.41 -0.80 0.00 | 22.93 -0.80 0.00 | 22.23 -0.68 0.00 | 32.18 -1.02 0.00 | 38.36 -1.14 0.00 | 35.85 -1.03 0.00 | 29.47 -0.88 0.00 | 35.83 -1.10 0.00 | 34.39 -1.04 0.00 | 26.07 -0.82 0.00 | 24.36 -0.83 0.00 |
| SITHE_IND_GS2 24170 | 22.62 -0.61 0.00 | 22.80 -0.56 0.00 | 20.46 -0.52 0.00 | 18.17 -0.45 0.00 | 17.99 -0.46 0.00 | 19.79 -0.50 0.00 | 21.60 -0.52 0.00 | 20.79 -0.53 0.00 | 18.31 -0.49 0.00 | 17.92 -0.46 0.00 | 17.68 -0.48 0.00 | 21.07 -0.62 0.00 | 22.84 -0.76 0.00 | 23.41 -0.80 0.00 | 22.93 -0.80 0.00 | 22.23 -0.68 0.00 | 32.18 -1.02 0.00 | 38.36 -1.14 0.00 | 35.85 -1.03 0.00 | 29.47 -0.88 0.00 | 35.83 -1.10 0.00 | 34.39 -1.04 0.00 | 26.07 -0.82 0.00 | 24.36 -0.83 0.00 |
| SITHE_IND_GS3 24171 | 22.62 -0.61 0.00 | 22.80 -0.56 0.00 | 20.46 -0.52 0.00 | 18.17 -0.45 0.00 | 17.99 -0.46 0.00 | 19.79 -0.50 0.00 | 21.60 -0.52 0.00 | 20.79 -0.53 0.00 | 18.31 -0.49 0.00 | 17.92 -0.46 0.00 | 17.68 -0.48 0.00 | 21.07 -0.62 0.00 | 22.84 -0.76 0.00 | 23.41 -0.80 0.00 | 22.93 -0.80 0.00 | 22.23 -0.68 0.00 | 32.18 -1.02 0.00 | 38.36 -1.14 0.00 | 35.85 -1.03 0.00 | 29.47 -0.88 0.00 | 35.83 -1.10 0.00 | 34.39 -1.04 0.00 | 26.07 -0.82 0.00 | 24.36 -0.83 0.00 |
| SITHE_IND_GS4 24172 | 22.62 -0.61 0.00 | 22.80 -0.56 0.00 | 20.46 -0.52 0.00 | 18.17 -0.45 0.00 | 17.99 -0.46 0.00 | 19.79 -0.50 0.00 | 21.60 -0.52 0.00 | 20.79 -0.53 0.00 | 18.31 -0.49 0.00 | 17.92 -0.46 0.00 | 17.68 -0.48 0.00 | 21.07 -0.62 0.00 | 22.84 -0.76 0.00 | 23.41 -0.80 0.00 | 22.93 -0.80 0.00 | 22.23 -0.68 0.00 | 32.18 -1.02 0.00 | 38.36 -1.14 0.00 | 35.85 -1.03 0.00 | 29.47 -0.88 0.00 | 35.83 -1.10 0.00 | 34.39 -1.04 0.00 | 26.07 -0.82 0.00 | 24.36 -0.83 0.00 |

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| SITHE___BATAVIA 24024 | 22.63 -0.60 0.00 | 22.80 -0.56 0.00 | 20.29 -0.69 0.00 | 18.04 -0.57 0.00 | 17.86 -0.59 0.00 | 19.74 -0.55 0.00 | 21.71 -0.40 0.00 | 20.75 -0.56 0.00 | 18.16 -0.64 0.00 | 17.91 -0.47 0.00 | 17.78 -0.37 0.00 | 21.44 -0.26 0.00 | 23.25 -0.35 0.00 | 23.88 -0.32 0.00 | 23.14 -0.60 0.00 | 22.61 -0.30 0.00 | 32.65 -0.54 0.00 | 38.98 -0.53 0.00 | 36.53 -0.35 0.00 | 29.77 -0.57 0.00 | 36.05 -0.89 0.00 | 35.04 -0.39 0.00 | 26.44 -0.45 0.00 | 24.55 -0.65 0.00 |
| SITHE___INDEPEND 23800 | 22.62 -0.61 0.00 | 22.80 -0.56 0.00 | 20.46 -0.52 0.00 | 18.17 -0.45 0.00 | 17.99 -0.46 0.00 | 19.79 -0.50 0.00 | 21.59 -0.52 0.00 | 20.78 -0.53 0.00 | 18.31 -0.49 0.00 | 17.92 -0.46 0.00 | 17.68 -0.48 0.00 | 21.07 -0.62 0.00 | 22.84 -0.76 0.00 | 23.41 -0.80 0.00 | 22.93 -0.80 0.00 | 22.23 -0.68 0.00 | 32.18 -1.02 0.00 | 38.36 -1.14 0.00 | 35.85 -1.03 0.00 | 29.47 -0.87 0.00 | 35.83 -1.10 0.00 | 34.39 -1.04 0.00 | 26.07 -0.82 0.00 | 24.36 -0.83 0.00 |
| SITHE___MASSENA 23902 | 23.39 0.16 0.00 | 23.56 0.20 0.00 | 21.13 0.14 0.00 | 18.71 0.10 0.00 | 18.62 0.18 0.00 | 20.54 0.25 0.00 | 22.43 0.31 0.00 | 21.63 0.32 0.00 | 19.06 0.27 0.00 | 18.65 0.27 0.00 | 18.43 0.27 0.00 | 22.06 0.37 0.00 | 24.00 0.40 0.00 | 24.62 0.41 0.00 | 24.07 0.34 0.00 | 23.06 0.15 0.00 | 33.45 0.26 0.00 | 39.55 0.05 0.00 | 36.90 0.02 0.00 | 30.37 0.03 0.00 | 37.00 0.07 0.00 | 35.65 0.22 0.00 | 27.08 0.20 0.00 | 25.56 0.36 0.00 |
| SITHE___OGDNSBRG 24021 | 23.59 0.36 0.00 | 23.75 0.38 0.00 | 21.28 0.30 0.00 | 18.84 0.23 0.00 | 18.83 0.38 0.00 | 20.80 0.50 0.00 | 22.71 0.60 0.00 | 21.89 0.57 0.00 | 19.20 0.40 0.00 | 18.71 0.34 0.00 | 18.49 0.33 0.00 | 22.14 0.44 0.00 | 24.09 0.49 0.00 | 24.78 0.57 0.00 | 24.18 0.45 0.00 | 23.12 0.21 0.00 | 33.65 0.46 0.00 | 39.85 0.34 0.00 | 37.17 0.29 0.00 | 30.84 0.50 0.00 | 37.70 0.76 0.00 | 36.33 0.90 0.00 | 27.56 0.68 0.00 | 25.98 0.79 0.00 |
| SITHE___STERLING 23777 | 23.58 0.35 0.00 | 23.69 0.33 0.00 | 21.26 0.28 0.00 | 18.88 0.26 0.00 | 18.70 0.26 0.00 | 20.57 0.28 0.00 | 22.44 0.32 0.00 | 21.59 0.28 0.00 | 18.96 0.17 0.00 | 18.50 0.13 0.00 | 18.28 0.12 0.00 | 21.84 0.14 0.00 | 23.78 0.18 0.00 | 24.40 0.19 0.00 | 23.94 0.21 0.00 | 23.22 0.31 0.00 | 33.74 0.55 0.00 | 40.34 0.84 0.00 | 37.87 0.99 0.00 | 31.23 0.89 0.00 | 38.02 1.08 0.00 | 36.42 0.99 0.00 | 27.55 0.66 0.00 | 25.65 0.46 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 22.67 -0.57 0.00 | 22.80 -0.55 0.00 | 20.40 -0.58 0.00 | 18.12 -0.49 0.00 | 17.92 -0.53 0.00 | 19.77 -0.53 0.00 | 21.64 -0.47 0.00 | 20.78 -0.54 0.00 | 18.27 -0.53 0.00 | 17.97 -0.41 0.00 | 17.79 -0.37 0.00 | 21.32 -0.38 0.00 | 23.20 -0.41 0.00 | 23.82 -0.39 0.00 | 23.23 -0.51 0.00 | 22.61 -0.29 0.00 | 32.71 -0.48 0.00 | 39.03 -0.47 0.00 | 36.55 -0.33 0.00 | 29.92 -0.42 0.00 | 36.27 -0.66 0.00 | 34.93 -0.50 0.00 | 26.41 -0.48 0.00 | 24.57 -0.63 0.00 |
| SOUTH CAIRO___GT 23612 | 24.18 0.95 0.00 | 24.33 0.97 0.00 | 22.03 1.05 0.00 | 19.59 0.98 0.00 | 19.41 0.96 0.00 | 21.31 1.02 0.00 | 23.08 0.96 0.00 | 22.30 0.99 0.00 | 19.58 0.78 0.00 | 18.87 0.50 0.00 | 18.52 0.36 0.00 | 22.09 0.40 0.00 | 23.96 0.36 0.00 | 24.65 0.44 0.00 | 24.25 0.51 0.00 | 23.58 0.67 0.00 | 34.26 1.06 0.00 | 41.26 1.76 0.00 | 39.02 2.14 0.00 | 32.26 1.91 0.00 | 39.35 2.42 0.00 | 37.56 2.13 0.00 | 28.38 1.50 0.00 | 26.33 1.14 0.00 |
| SOUTH HAMPTN___IC 23720 | 24.60 1.37 0.00 | 24.43 1.06 0.00 | 21.85 0.87 0.00 | 19.49 0.87 0.00 | 19.31 0.87 0.00 | 21.24 0.95 0.00 | 23.22 1.11 0.00 | 22.38 1.08 0.00 | 20.04 1.25 0.00 | 21.88 1.35 -2.16 | 23.45 1.42 -3.87 | 32.28 1.75 -8.84 | 33.16 2.08 -7.48 | 32.54 2.22 -6.11 | 25.92 2.18 0.00 | 25.34 2.43 0.00 | 36.62 3.43 0.00 | 43.95 4.44 0.00 | 40.65 3.77 0.00 | 33.29 2.94 0.00 | 40.61 3.68 0.00 | 38.32 2.89 0.00 | 29.18 2.29 0.00 | 27.06 1.86 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 23.01 -0.22 0.00 | 23.09 -0.27 0.00 | 20.55 -0.43 0.00 | 18.29 -0.32 0.00 | 18.08 -0.37 0.00 | 19.98 -0.31 0.00 | 22.00 -0.11 0.00 | 21.04 -0.27 0.00 | 18.55 -0.24 0.00 | 18.37 0.00 0.00 | 18.30 0.14 0.00 | 22.07 0.38 0.00 | 24.09 0.48 0.00 | 24.76 0.55 0.00 | 23.92 0.19 0.00 | 23.37 0.46 0.00 | 33.60 0.40 0.00 | 40.09 0.58 0.00 | 37.34 0.46 0.00 | 30.48 0.14 0.00 | 36.85 -0.08 0.00 | 35.74 0.31 0.00 | 26.93 0.05 0.00 | 24.88 -0.31 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 24.94 1.71 0.00 | 24.65 1.29 0.00 | 22.01 1.03 0.00 | 19.69 1.07 0.00 | 19.55 1.10 0.00 | 21.58 1.29 0.00 | 23.64 1.53 0.00 | 22.82 1.51 0.00 | 20.47 1.68 0.00 | 22.34 1.81 -2.16 | 23.93 1.90 -3.87 | 32.90 2.36 -8.84 | 33.78 2.70 -7.48 | 33.19 2.87 -6.11 | 26.53 2.80 0.00 | 25.96 3.06 0.00 | 37.47 4.28 0.00 | 44.97 5.46 0.00 | 41.54 4.66 0.00 | 33.94 3.59 0.00 | 41.43 4.49 0.00 | 39.05 3.62 0.00 | 29.74 2.86 0.00 | 27.55 2.35 0.00 |
| SOUTHOLD___IC 23719 | 24.94 1.71 0.00 | 24.65 1.29 0.00 | 22.02 1.03 0.00 | 19.69 1.07 0.00 | 19.55 1.10 0.00 | 21.58 1.28 0.00 | 23.64 1.53 0.00 | 22.82 1.51 0.00 | 20.47 1.68 0.00 | 22.34 1.81 -2.16 | 23.93 1.90 -3.87 | 32.89 2.36 -8.84 | 33.78 2.70 -7.48 | 33.19 2.87 -6.11 | 26.54 2.80 0.00 | 25.96 3.05 0.00 | 37.47 4.28 0.00 | 44.97 5.46 0.00 | 41.54 4.66 0.00 | 33.94 3.59 0.00 | 41.43 4.49 0.00 | 39.05 3.62 0.00 | 29.75 2.86 0.00 | 27.54 2.34 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 24.93 1.70 0.00 | 24.57 1.21 0.00 | 21.93 0.94 0.00 | 19.66 1.05 0.00 | 19.54 1.09 0.00 | 21.62 1.33 0.00 | 23.73 1.62 0.00 | 22.91 1.60 0.00 | 20.56 1.77 0.00 | 22.44 1.91 -2.16 | 24.03 2.01 -3.87 | 33.02 2.49 -8.84 | 33.89 2.81 -7.48 | 33.30 2.98 -6.11 | 26.61 2.87 0.00 | 26.02 3.11 0.00 | 37.49 4.30 0.00 | 44.96 5.46 0.00 | 41.49 4.61 0.00 | 33.89 3.55 0.00 | 41.43 4.50 0.00 | 39.04 3.61 0.00 | 29.77 2.88 0.00 | 27.55 2.35 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 24.57 1.34 0.00 | 24.59 1.23 0.00 | 22.17 1.19 0.00 | 19.71 1.09 0.00 | 19.43 0.98 0.00 | 21.33 1.04 0.00 | 23.17 1.05 0.00 | 22.20 0.90 0.00 | 19.52 0.72 0.00 | 18.97 0.59 0.00 | 18.68 0.53 0.00 | 22.34 0.64 0.00 | 24.38 0.78 0.00 | 25.03 0.82 0.00 | 24.63 0.89 0.00 | 23.93 1.02 0.00 | 34.84 1.64 0.00 | 41.97 2.46 0.00 | 39.52 2.64 0.00 | 32.68 2.34 0.00 | 39.80 2.87 0.00 | 37.93 2.49 0.00 | 28.86 1.97 0.00 | 26.82 1.62 0.00 |
| ST LAWRENCE____ 23600 | 23.22 -0.01 0.00 | 23.38 0.01 0.00 | 20.98 -0.01 0.00 | 18.57 -0.05 0.00 | 18.44 -0.01 0.00 | 20.34 0.04 0.00 | 22.20 0.09 0.00 | 21.41 0.10 0.00 | 18.87 0.07 0.00 | 18.46 0.08 0.00 | 18.24 0.08 0.00 | 21.83 0.13 0.00 | 23.75 0.14 0.00 | 24.35 0.14 0.00 | 23.81 0.08 0.00 | 22.83 -0.09 0.00 | 33.10 -0.09 0.00 | 39.15 -0.35 0.00 | 36.53 -0.35 0.00 | 30.04 -0.30 0.00 | 36.59 -0.34 0.00 | 35.24 -0.19 0.00 | 26.79 -0.11 0.00 | 25.26 0.06 0.00 |
| STATE_CA_115KV_115_LB 55624 | 23.46 0.23 0.00 | 23.62 0.26 0.00 | 21.39 0.41 0.00 | 19.02 0.40 0.00 | 18.84 0.40 0.00 | 20.65 0.36 0.00 | 22.37 0.26 0.00 | 21.63 0.32 0.00 | 19.08 0.28 0.00 | 18.55 0.18 0.00 | 18.31 0.15 0.00 | 21.87 0.17 0.00 | 23.76 0.15 0.00 | 24.37 0.16 0.00 | 23.98 0.25 0.00 | 23.29 0.38 0.00 | 33.67 0.48 0.00 | 40.25 0.75 0.00 | 37.64 0.76 0.00 | 31.02 0.68 0.00 | 37.83 0.89 0.00 | 36.15 0.72 0.00 | 27.41 0.52 0.00 | 25.53 0.33 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| STATE_ST_34_KV_LOAD 55959 | 23.19 -0.04 0.00 | 23.33 -0.03 0.00 | 20.98 -0.01 0.00 | 18.62 0.01 0.00 | 18.38 -0.07 0.00 | 20.28 -0.01 0.00 | 22.13 0.02 0.00 | 21.32 0.01 0.00 | 18.76 -0.04 0.00 | 18.32 -0.06 0.00 | 18.10 -0.06 0.00 | 21.55 -0.14 0.00 | 23.49 -0.12 0.00 | 24.11 -0.10 0.00 | 23.61 -0.13 0.00 | 22.93 0.02 0.00 | 33.26 0.07 0.00 | 39.67 0.16 0.00 | 37.26 0.38 0.00 | 30.65 0.31 0.00 | 37.22 0.29 0.00 | 35.61 0.18 0.00 | 27.01 0.12 0.00 | 25.16 -0.04 0.00 |
| STATION 5_MISC_HYD 23604 | 22.56 -0.67 0.00 | 22.73 -0.63 0.00 | 20.29 -0.69 0.00 | 18.03 -0.59 0.00 | 17.85 -0.60 0.00 | 19.69 -0.61 0.00 | 21.58 -0.53 0.00 | 20.68 -0.63 0.00 | 18.16 -0.63 0.00 | 17.92 -0.46 0.00 | 17.78 -0.38 0.00 | 21.38 -0.31 0.00 | 23.24 -0.36 0.00 | 23.87 -0.34 0.00 | 23.21 -0.52 0.00 | 22.60 -0.31 0.00 | 32.59 -0.60 0.00 | 38.85 -0.66 0.00 | 36.32 -0.56 0.00 | 29.66 -0.68 0.00 | 35.95 -0.99 0.00 | 34.77 -0.65 0.00 | 26.27 -0.61 0.00 | 24.44 -0.76 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 22.88 -0.36 0.00 | 23.02 -0.34 0.00 | 20.58 -0.41 0.00 | 18.28 -0.33 0.00 | 18.08 -0.36 0.00 | 19.94 -0.35 0.00 | 21.84 -0.27 0.00 | 20.96 -0.35 0.00 | 18.43 -0.37 0.00 | 18.12 -0.25 0.00 | 17.95 -0.21 0.00 | 21.52 -0.17 0.00 | 23.44 -0.16 0.00 | 24.07 -0.14 0.00 | 23.46 -0.28 0.00 | 22.84 -0.07 0.00 | 33.03 -0.16 0.00 | 39.46 -0.04 0.00 | 36.93 0.04 0.00 | 30.23 -0.11 0.00 | 36.61 -0.33 0.00 | 35.29 -0.14 0.00 | 26.67 -0.21 0.00 | 24.77 -0.42 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 22.49 -0.74 0.00 | 22.65 -0.71 0.00 | 20.23 -0.75 0.00 | 17.97 -0.65 0.00 | 17.78 -0.67 0.00 | 19.62 -0.67 0.00 | 21.50 -0.61 0.00 | 20.60 -0.71 0.00 | 18.10 -0.69 0.00 | 17.86 -0.52 0.00 | 17.72 -0.44 0.00 | 21.28 -0.41 0.00 | 23.15 -0.45 0.00 | 23.78 -0.43 0.00 | 23.14 -0.60 0.00 | 22.53 -0.39 0.00 | 32.51 -0.68 0.00 | 38.75 -0.76 0.00 | 36.21 -0.67 0.00 | 29.58 -0.76 0.00 | 35.85 -1.09 0.00 | 34.65 -0.78 0.00 | 26.19 -0.70 0.00 | 24.36 -0.84 0.00 |
| STA_56___34_KV_BUS2 355983 | 22.49 -0.74 0.00 | 22.65 -0.71 0.00 | 20.23 -0.75 0.00 | 17.97 -0.65 0.00 | 17.78 -0.67 0.00 | 19.62 -0.67 0.00 | 21.50 -0.61 0.00 | 20.60 -0.71 0.00 | 18.10 -0.69 0.00 | 17.86 -0.52 0.00 | 17.72 -0.44 0.00 | 21.28 -0.41 0.00 | 23.15 -0.45 0.00 | 23.78 -0.43 0.00 | 23.14 -0.60 0.00 | 22.53 -0.39 0.00 | 32.51 -0.68 0.00 | 38.75 -0.76 0.00 | 36.21 -0.67 0.00 | 29.58 -0.76 0.00 | 35.85 -1.09 0.00 | 34.65 -0.78 0.00 | 26.19 -0.70 0.00 | 24.36 -0.84 0.00 |
| STA_67___115KV_BK2 355882 | 22.52 -0.72 0.00 | 22.69 -0.67 0.00 | 20.25 -0.73 0.00 | 18.00 -0.62 0.00 | 17.81 -0.64 0.00 | 19.65 -0.64 0.00 | 21.54 -0.57 0.00 | 20.63 -0.68 0.00 | 18.13 -0.67 0.00 | 17.89 -0.49 0.00 | 17.75 -0.41 0.00 | 21.32 -0.37 0.00 | 23.19 -0.42 0.00 | 23.81 -0.39 0.00 | 23.15 -0.58 0.00 | 22.54 -0.37 0.00 | 32.50 -0.69 0.00 | 38.73 -0.78 0.00 | 36.21 -0.68 0.00 | 29.57 -0.77 0.00 | 35.85 -1.09 0.00 | 34.68 -0.76 0.00 | 26.22 -0.67 0.00 | 24.39 -0.81 0.00 |
| STA_7___115KV_9TRANS 80674 | 22.67 -0.56 0.00 | 22.83 -0.53 0.00 | 20.38 -0.60 0.00 | 18.10 -0.51 0.00 | 17.91 -0.53 0.00 | 19.76 -0.53 0.00 | 21.67 -0.44 0.00 | 20.75 -0.56 0.00 | 18.23 -0.56 0.00 | 17.99 -0.38 0.00 | 17.86 -0.29 0.00 | 21.47 -0.22 0.00 | 23.36 -0.24 0.00 | 24.01 -0.20 0.00 | 23.35 -0.39 0.00 | 22.74 -0.17 0.00 | 32.82 -0.37 0.00 | 39.13 -0.37 0.00 | 36.58 -0.30 0.00 | 29.87 -0.47 0.00 | 36.20 -0.73 0.00 | 34.99 -0.44 0.00 | 26.44 -0.45 0.00 | 24.58 -0.62 0.00 |
| STA_82___115KV_TB1 80780 | 22.53 -0.70 0.00 | 22.70 -0.67 0.00 | 20.26 -0.72 0.00 | 18.00 -0.61 0.00 | 17.82 -0.63 0.00 | 19.66 -0.63 0.00 | 21.55 -0.57 0.00 | 20.64 -0.67 0.00 | 18.14 -0.66 0.00 | 17.89 -0.49 0.00 | 17.75 -0.40 0.00 | 21.33 -0.37 0.00 | 23.19 -0.41 0.00 | 23.82 -0.39 0.00 | 23.16 -0.57 0.00 | 22.54 -0.37 0.00 | 32.53 -0.67 0.00 | 38.75 -0.76 0.00 | 36.22 -0.67 0.00 | 29.59 -0.75 0.00 | 35.86 -1.08 0.00 | 34.70 -0.73 0.00 | 26.22 -0.66 0.00 | 24.40 -0.80 0.00 |
| STEEL___WIND 323596 | 22.24 -0.99 0.00 | 22.41 -0.95 0.00 | 19.96 -1.02 0.00 | 17.75 -0.87 0.00 | 17.57 -0.88 0.00 | 19.42 -0.87 0.00 | 21.37 -0.74 0.00 | 20.40 -0.91 0.00 | 17.91 -0.88 0.00 | 17.78 -0.60 0.00 | 17.71 -0.45 0.00 | 21.38 -0.31 0.00 | 23.21 -0.39 0.00 | 23.85 -0.36 0.00 | 23.04 -0.69 0.00 | 22.47 -0.43 0.00 | 32.19 -1.00 0.00 | 38.23 -1.27 0.00 | 35.64 -1.24 0.00 | 29.05 -1.29 0.00 | 35.16 -1.77 0.00 | 34.29 -1.15 0.00 | 25.91 -0.98 0.00 | 24.06 -1.13 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 23.57 0.34 0.00 | 23.71 0.35 0.00 | 21.44 0.46 0.00 | 19.03 0.42 0.00 | 18.86 0.41 0.00 | 20.65 0.36 0.00 | 22.39 0.27 0.00 | 21.68 0.37 0.00 | 19.12 0.33 0.00 | 18.62 0.24 0.00 | 18.41 0.25 0.00 | 21.96 0.27 0.00 | 23.94 0.34 0.00 | 24.47 0.26 0.00 | 24.10 0.37 0.00 | 23.42 0.51 0.00 | 33.91 0.72 0.00 | 40.54 1.04 0.00 | 37.89 1.01 0.00 | 31.20 0.85 0.00 | 38.11 1.18 0.00 | 36.30 0.87 0.00 | 27.52 0.63 0.00 | 25.62 0.42 0.00 |
| STEUBEN_REC_LFGE 323667 | 23.71 0.48 0.00 | 23.78 0.42 0.00 | 21.23 0.25 0.00 | 18.90 0.28 0.00 | 18.69 0.24 0.00 | 20.61 0.32 0.00 | 22.68 0.57 0.00 | 21.77 0.46 0.00 | 19.08 0.28 0.00 | 18.71 0.33 0.00 | 18.48 0.32 0.00 | 22.17 0.47 0.00 | 24.31 0.71 0.00 | 24.90 0.69 0.00 | 24.17 0.43 0.00 | 23.52 0.61 0.00 | 34.14 0.94 0.00 | 40.95 1.45 0.00 | 38.60 1.72 0.00 | 31.67 1.33 0.00 | 38.08 1.15 0.00 | 36.74 1.31 0.00 | 27.96 1.07 0.00 | 25.73 0.53 0.00 |
| STILLWATER___SOLAR 323814 | 24.33 1.10 0.00 | 24.42 1.06 0.00 | 22.00 1.02 0.00 | 19.56 0.94 0.00 | 19.34 0.90 0.00 | 21.25 0.96 0.00 | 23.04 0.93 0.00 | 22.16 0.85 0.00 | 19.50 0.70 0.00 | 18.97 0.59 0.00 | 18.69 0.53 0.00 | 22.32 0.62 0.00 | 24.33 0.72 0.00 | 24.96 0.75 0.00 | 24.55 0.82 0.00 | 23.84 0.93 0.00 | 34.63 1.44 0.00 | 41.59 2.09 0.00 | 39.08 2.19 0.00 | 32.27 1.93 0.00 | 39.35 2.41 0.00 | 37.55 2.12 0.00 | 28.50 1.61 0.00 | 26.51 1.31 0.00 |
| STONY___BROOK 24151 | 24.48 1.25 0.00 | 24.41 1.04 0.00 | 21.86 0.88 0.00 | 19.43 0.82 0.00 | 19.23 0.78 0.00 | 21.10 0.81 0.00 | 23.01 0.89 0.00 | 22.20 0.89 0.00 | 19.82 1.03 0.00 | 21.64 1.10 -2.16 | 23.18 1.15 -3.87 | 31.93 1.39 -8.84 | 32.80 1.72 -7.48 | 32.14 1.83 -6.11 | 25.54 1.81 0.00 | 24.93 2.02 0.00 | 35.95 2.75 0.00 | 43.09 3.58 0.00 | 39.90 3.02 0.00 | 32.74 2.40 0.00 | 40.09 3.15 0.00 | 37.90 2.47 0.00 | 28.86 1.97 0.00 | 26.82 1.63 0.00 |
| STURGEON_POOL_HYD 23609 | 23.85 0.62 0.00 | 23.81 0.45 0.00 | 21.33 0.34 0.00 | 18.94 0.32 0.00 | 18.74 0.29 0.00 | 20.52 0.23 0.00 | 22.38 0.27 0.00 | 21.64 0.32 0.00 | 19.22 0.43 0.00 | 18.87 0.49 0.00 | 18.74 0.58 0.00 | 22.41 0.72 0.00 | 24.56 0.95 0.00 | 25.23 1.02 0.00 | 24.85 1.11 0.00 | 24.13 1.22 0.00 | 34.99 1.79 0.00 | 41.77 2.27 0.00 | 38.80 1.92 0.00 | 31.84 1.50 0.00 | 38.71 1.78 0.00 | 36.93 1.50 0.00 | 28.02 1.13 0.00 | 26.07 0.87 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 23.21 -0.02 0.00 | 23.38 0.01 0.00 | 20.97 -0.01 0.00 | 18.57 -0.05 0.00 | 18.44 -0.01 0.00 | 20.34 0.05 0.00 | 22.20 0.09 0.00 | 21.41 0.10 0.00 | 18.88 0.08 0.00 | 18.47 0.09 0.00 | 18.25 0.09 0.00 | 21.84 0.15 0.00 | 23.76 0.16 0.00 | 24.36 0.15 0.00 | 23.83 0.09 0.00 | 22.82 -0.09 0.00 | 33.10 -0.10 0.00 | 39.13 -0.37 0.00 | 36.50 -0.38 0.00 | 30.03 -0.31 0.00 | 36.57 -0.37 0.00 | 35.23 -0.19 0.00 | 26.78 -0.11 0.00 | 25.27 0.07 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ST_LAW_115_BK8_LBMP 345038 | 23.21 -0.02 0.00 | 23.38 0.01 0.00 | 20.97 -0.01 0.00 | 18.57 -0.05 0.00 | 18.44 -0.01 0.00 | 20.34 0.05 0.00 | 22.20 0.09 0.00 | 21.41 0.10 0.00 | 18.88 0.08 0.00 | 18.47 0.09 0.00 | 18.25 0.09 0.00 | 21.84 0.15 0.00 | 23.76 0.16 0.00 | 24.36 0.15 0.00 | 23.83 0.09 0.00 | 22.82 -0.09 0.00 | 33.10 -0.10 0.00 | 39.13 -0.37 0.00 | 36.50 -0.38 0.00 | 30.03 -0.31 0.00 | 36.57 -0.37 0.00 | 35.23 -0.19 0.00 | 26.78 -0.11 0.00 | 25.27 0.07 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 23.22 -0.01 0.00 | 23.38 0.01 0.00 | 20.98 -0.01 0.00 | 18.57 -0.05 0.00 | 18.44 -0.01 0.00 | 20.34 0.04 0.00 | 22.20 0.09 0.00 | 21.41 0.10 0.00 | 18.87 0.07 0.00 | 18.46 0.08 0.00 | 18.24 0.08 0.00 | 21.83 0.13 0.00 | 23.75 0.14 0.00 | 24.35 0.14 0.00 | 23.81 0.08 0.00 | 22.83 -0.09 0.00 | 33.10 -0.09 0.00 | 39.15 -0.35 0.00 | 36.53 -0.35 0.00 | 30.04 -0.30 0.00 | 36.59 -0.34 0.00 | 35.24 -0.19 0.00 | 26.79 -0.11 0.00 | 25.26 0.06 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 23.22 -0.01 0.00 | 23.38 0.01 0.00 | 20.98 -0.01 0.00 | 18.57 -0.05 0.00 | 18.44 -0.01 0.00 | 20.34 0.04 0.00 | 22.20 0.09 0.00 | 21.41 0.10 0.00 | 18.87 0.07 0.00 | 18.46 0.08 0.00 | 18.24 0.08 0.00 | 21.83 0.13 0.00 | 23.75 0.14 0.00 | 24.35 0.14 0.00 | 23.81 0.08 0.00 | 22.83 -0.09 0.00 | 33.10 -0.09 0.00 | 39.15 -0.35 0.00 | 36.53 -0.35 0.00 | 30.04 -0.30 0.00 | 36.59 -0.34 0.00 | 35.24 -0.19 0.00 | 26.79 -0.11 0.00 | 25.26 0.06 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 23.90 0.66 0.00 | 23.88 0.52 0.00 | 21.43 0.45 0.00 | 19.03 0.41 0.00 | 18.84 0.40 0.00 | 20.65 0.36 0.00 | 22.50 0.39 0.00 | 21.72 0.41 0.00 | 19.25 0.46 0.00 | 18.85 0.47 0.00 | 18.71 0.55 0.00 | 22.38 0.68 0.00 | 24.49 0.89 0.00 | 25.15 0.94 0.00 | 24.77 1.03 0.00 | 24.06 1.15 0.00 | 34.87 1.67 0.00 | 41.66 2.15 0.00 | 38.76 1.88 0.00 | 31.84 1.49 0.00 | 38.71 1.77 0.00 | 36.95 1.52 0.00 | 28.03 1.14 0.00 | 26.10 0.90 0.00 |
| SWANROAD_115KV_TB1 355699 | 21.61 -1.62 0.00 | 21.83 -1.53 0.00 | 19.40 -1.58 0.00 | 17.27 -1.34 0.00 | 17.11 -1.33 0.00 | 18.93 -1.36 0.00 | 20.84 -1.28 0.00 | 19.86 -1.44 0.00 | 17.42 -1.38 0.00 | 17.31 -1.07 0.00 | 17.23 -0.92 0.00 | 20.79 -0.91 0.00 | 22.54 -1.06 0.00 | 23.13 -1.08 0.00 | 22.32 -1.42 0.00 | 21.75 -1.16 0.00 | 31.07 -2.12 0.00 | 36.85 -2.65 0.00 | 34.34 -2.54 0.00 | 28.02 -2.32 0.00 | 33.87 -3.07 0.00 | 33.15 -2.28 0.00 | 25.09 -1.80 0.00 | 23.39 -1.81 0.00 |
| SYNERGY___BIOGAS 323694 | 22.63 -0.60 0.00 | 22.80 -0.56 0.00 | 20.29 -0.69 0.00 | 18.04 -0.57 0.00 | 17.86 -0.59 0.00 | 19.74 -0.55 0.00 | 21.71 -0.40 0.00 | 20.75 -0.56 0.00 | 18.16 -0.64 0.00 | 17.91 -0.47 0.00 | 17.78 -0.37 0.00 | 21.44 -0.26 0.00 | 23.25 -0.35 0.00 | 23.88 -0.32 0.00 | 23.14 -0.60 0.00 | 22.61 -0.30 0.00 | 32.65 -0.54 0.00 | 38.98 -0.53 0.00 | 36.53 -0.35 0.00 | 29.77 -0.57 0.00 | 36.05 -0.89 0.00 | 35.04 -0.39 0.00 | 26.44 -0.45 0.00 | 24.55 -0.65 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 23.10 -0.13 0.00 | 23.24 -0.12 0.00 | 20.85 -0.13 0.00 | 18.52 -0.10 0.00 | 18.33 -0.12 0.00 | 20.17 -0.12 0.00 | 22.02 -0.10 0.00 | 21.20 -0.12 0.00 | 18.67 -0.13 0.00 | 18.26 -0.12 0.00 | 18.03 -0.13 0.00 | 21.52 -0.17 0.00 | 23.39 -0.21 0.00 | 24.00 -0.21 0.00 | 23.51 -0.22 0.00 | 22.83 -0.08 0.00 | 33.09 -0.11 0.00 | 39.52 0.02 0.00 | 36.96 0.08 0.00 | 30.38 0.03 0.00 | 36.90 -0.03 0.00 | 35.38 -0.05 0.00 | 26.78 -0.11 0.00 | 24.96 -0.24 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 23.10 -0.13 0.00 | 23.24 -0.12 0.00 | 20.85 -0.13 0.00 | 18.52 -0.10 0.00 | 18.33 -0.12 0.00 | 20.17 -0.12 0.00 | 22.02 -0.10 0.00 | 21.20 -0.12 0.00 | 18.67 -0.13 0.00 | 18.26 -0.12 0.00 | 18.03 -0.13 0.00 | 21.52 -0.17 0.00 | 23.39 -0.21 0.00 | 24.00 -0.21 0.00 | 23.51 -0.22 0.00 | 22.83 -0.08 0.00 | 33.09 -0.11 0.00 | 39.52 0.02 0.00 | 36.96 0.08 0.00 | 30.38 0.03 0.00 | 36.90 -0.03 0.00 | 35.38 -0.05 0.00 | 26.78 -0.11 0.00 | 24.96 -0.24 0.00 |
| SYRACUSE___POWER 24017 | 23.09 -0.14 0.00 | 23.22 -0.14 0.00 | 20.82 -0.15 0.00 | 18.50 -0.11 0.00 | 18.31 -0.14 0.00 | 20.14 -0.14 0.00 | 21.99 -0.12 0.00 | 21.17 -0.14 0.00 | 18.65 -0.15 0.00 | 18.23 -0.15 0.00 | 18.01 -0.15 0.00 | 21.50 -0.19 0.00 | 23.38 -0.23 0.00 | 23.99 -0.22 0.00 | 23.50 -0.24 0.00 | 22.81 -0.10 0.00 | 33.06 -0.13 0.00 | 39.51 0.01 0.00 | 36.93 0.05 0.00 | 30.37 0.02 0.00 | 36.89 -0.05 0.00 | 35.38 -0.05 0.00 | 26.78 -0.11 0.00 | 24.96 -0.24 0.00 |
| TALLMAN___138KV_BK151 55660 | 24.00 0.77 0.00 | 23.96 0.60 0.00 | 21.49 0.51 0.00 | 19.09 0.47 0.00 | 18.90 0.45 0.00 | 20.69 0.40 0.00 | 22.56 0.44 0.00 | 21.79 0.47 0.00 | 19.33 0.54 0.00 | 18.94 0.56 0.00 | 18.82 0.66 0.00 | 22.52 0.83 0.00 | 24.67 1.07 0.00 | 25.34 1.13 0.00 | 24.96 1.23 0.00 | 24.26 1.35 0.00 | 35.16 1.97 0.00 | 41.99 2.48 0.00 | 39.01 2.13 0.00 | 32.03 1.68 0.00 | 38.92 1.99 0.00 | 37.14 1.71 0.00 | 28.18 1.29 0.00 | 26.23 1.04 0.00 |
| TEALLAVE_115KV_TB7 355573 | 22.98 -0.25 0.00 | 23.12 -0.24 0.00 | 20.74 -0.25 0.00 | 18.42 -0.20 0.00 | 18.24 -0.21 0.00 | 20.06 -0.23 0.00 | 21.90 -0.21 0.00 | 21.08 -0.23 0.00 | 18.57 -0.23 0.00 | 18.17 -0.21 0.00 | 17.94 -0.22 0.00 | 21.43 -0.26 0.00 | 23.29 -0.32 0.00 | 23.89 -0.32 0.00 | 23.40 -0.34 0.00 | 22.71 -0.19 0.00 | 32.91 -0.28 0.00 | 39.31 -0.19 0.00 | 36.74 -0.14 0.00 | 30.19 -0.15 0.00 | 36.68 -0.25 0.00 | 35.18 -0.25 0.00 | 26.64 -0.25 0.00 | 24.83 -0.37 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 22.18 -1.06 0.00 | 22.36 -1.00 0.00 | 19.89 -1.09 0.00 | 17.70 -0.92 0.00 | 17.52 -0.92 0.00 | 19.38 -0.91 0.00 | 21.32 -0.79 0.00 | 20.34 -0.97 0.00 | 17.84 -0.96 0.00 | 17.69 -0.69 0.00 | 17.60 -0.55 0.00 | 21.23 -0.47 0.00 | 23.03 -0.58 0.00 | 23.64 -0.56 0.00 | 22.86 -0.88 0.00 | 22.32 -0.59 0.00 | 32.01 -1.19 0.00 | 38.06 -1.44 0.00 | 35.54 -1.34 0.00 | 28.97 -1.38 0.00 | 35.04 -1.89 0.00 | 34.17 -1.27 0.00 | 25.83 -1.06 0.00 | 24.03 -1.17 0.00 |
| TEMPLE___115KV_TB 2 55572 | 22.99 -0.24 0.00 | 23.13 -0.23 0.00 | 20.75 -0.23 0.00 | 18.43 -0.19 0.00 | 18.24 -0.20 0.00 | 20.06 -0.22 0.00 | 21.91 -0.20 0.00 | 21.09 -0.23 0.00 | 18.57 -0.22 0.00 | 18.18 -0.20 0.00 | 17.96 -0.20 0.00 | 21.44 -0.26 0.00 | 23.30 -0.30 0.00 | 23.91 -0.30 0.00 | 23.41 -0.32 0.00 | 22.73 -0.18 0.00 | 32.94 -0.26 0.00 | 39.34 -0.16 0.00 | 36.77 -0.11 0.00 | 30.20 -0.14 0.00 | 36.70 -0.24 0.00 | 35.21 -0.22 0.00 | 26.65 -0.24 0.00 | 24.84 -0.36 0.00 |
| TIANA____69_KV_BK 1 55817 | 24.52 1.29 0.00 | 24.38 1.02 0.00 | 21.82 0.83 0.00 | 19.44 0.82 0.00 | 19.26 0.81 0.00 | 21.16 0.87 0.00 | 23.12 1.01 0.00 | 22.29 0.98 0.00 | 19.94 1.15 0.00 | 21.78 1.24 -2.16 | 23.33 1.30 -3.87 | 32.14 1.60 -8.84 | 33.01 1.93 -7.48 | 32.38 2.06 -6.11 | 25.77 2.04 0.00 | 25.19 2.28 0.00 | 36.43 3.23 0.00 | 43.73 4.23 0.00 | 40.47 3.59 0.00 | 33.14 2.80 0.00 | 40.43 3.49 0.00 | 38.16 2.73 0.00 | 29.05 2.16 0.00 | 26.96 1.77 0.00 |
| TILDEN___115KV_TB1 80814 | 23.09 -0.14 0.00 | 23.22 -0.14 0.00 | 20.82 -0.15 0.00 | 18.50 -0.11 0.00 | 18.31 -0.14 0.00 | 20.14 -0.14 0.00 | 21.99 -0.12 0.00 | 21.17 -0.14 0.00 | 18.65 -0.15 0.00 | 18.23 -0.15 0.00 | 18.01 -0.15 0.00 | 21.50 -0.19 0.00 | 23.38 -0.23 0.00 | 23.99 -0.22 0.00 | 23.50 -0.24 0.00 | 22.81 -0.10 0.00 | 33.06 -0.13 0.00 | 39.51 0.01 0.00 | 36.93 0.05 0.00 | 30.37 0.02 0.00 | 36.89 -0.05 0.00 | 35.38 -0.05 0.00 | 26.78 -0.11 0.00 | 24.96 -0.24 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TRIGEN___CC 323695 | 24.37 1.14 0.00 | 24.31 0.96 0.00 | 21.80 0.81 0.00 | 19.35 0.74 0.00 | 19.15 0.70 0.00 | 20.99 0.69 0.00 | 22.85 0.74 0.00 | 22.07 0.76 0.00 | 19.66 0.86 0.00 | 21.46 0.92 -2.16 | 23.05 1.03 -3.87 | 31.79 1.25 -8.84 | 32.62 1.53 -7.48 | 31.90 1.59 -6.11 | 25.26 1.52 0.00 | 24.59 1.68 0.00 | 35.61 2.42 0.00 | 42.59 3.08 0.00 | 39.48 2.60 0.00 | 32.40 2.06 0.00 | 39.48 2.55 0.00 | 37.63 2.20 0.00 | 28.63 1.74 0.00 | 26.66 1.47 0.00 |
| TRINITY___115KV___4 BK 55933 | 23.38 0.14 0.00 | 23.53 0.17 0.00 | 21.32 0.34 0.00 | 18.97 0.35 0.00 | 18.79 0.35 0.00 | 20.59 0.30 0.00 | 22.29 0.18 0.00 | 21.56 0.25 0.00 | 19.01 0.22 0.00 | 18.49 0.11 0.00 | 18.24 0.08 0.00 | 21.78 0.09 0.00 | 23.66 0.05 0.00 | 24.25 0.04 0.00 | 23.87 0.13 0.00 | 23.17 0.26 0.00 | 33.47 0.28 0.00 | 40.00 0.49 0.00 | 37.41 0.53 0.00 | 30.85 0.51 0.00 | 37.64 0.70 0.00 | 35.98 0.55 0.00 | 27.29 0.40 0.00 | 25.42 0.22 0.00 |
| UNION___PROCESSING_DRP 323587 | 22.53 -0.70 0.00 | 22.70 -0.66 0.00 | 20.26 -0.72 0.00 | 18.01 -0.61 0.00 | 17.82 -0.63 0.00 | 19.66 -0.63 0.00 | 21.56 -0.56 0.00 | 20.65 -0.67 0.00 | 18.14 -0.66 0.00 | 17.90 -0.48 0.00 | 17.76 -0.40 0.00 | 21.33 -0.36 0.00 | 23.20 -0.41 0.00 | 23.82 -0.39 0.00 | 23.16 -0.57 0.00 | 22.55 -0.37 0.00 | 32.53 -0.67 0.00 | 38.75 -0.75 0.00 | 36.23 -0.65 0.00 | 29.60 -0.74 0.00 | 35.87 -1.06 0.00 | 34.71 -0.73 0.00 | 26.23 -0.65 0.00 | 24.40 -0.80 0.00 |
| UPPER HUDSON___HYD 24058 | 24.57 1.34 0.00 | 24.59 1.23 0.00 | 22.17 1.19 0.00 | 19.71 1.09 0.00 | 19.42 0.98 0.00 | 21.33 1.04 0.00 | 23.17 1.05 0.00 | 22.20 0.89 0.00 | 19.52 0.72 0.00 | 18.97 0.59 0.00 | 18.68 0.53 0.00 | 22.34 0.64 0.00 | 24.38 0.78 0.00 | 25.03 0.82 0.00 | 24.63 0.89 0.00 | 23.93 1.02 0.00 | 34.84 1.64 0.00 | 41.97 2.46 0.00 | 39.52 2.64 0.00 | 32.69 2.34 0.00 | 39.80 2.87 0.00 | 37.93 2.49 0.00 | 28.86 1.97 0.00 | 26.82 1.62 0.00 |
| UPPER RAQUET___HYD 24056 | 22.91 -0.32 0.00 | 23.07 -0.29 0.00 | 20.71 -0.27 0.00 | 18.36 -0.26 0.00 | 18.49 0.04 0.00 | 20.40 0.11 0.00 | 22.25 0.14 0.00 | 21.51 0.20 0.00 | 18.95 0.15 0.00 | 18.53 0.16 0.00 | 18.33 0.17 0.00 | 21.95 0.25 0.00 | 23.89 0.29 0.00 | 24.54 0.33 0.00 | 23.99 0.25 0.00 | 22.97 0.06 0.00 | 33.38 0.18 0.00 | 39.44 -0.06 0.00 | 36.90 0.01 0.00 | 30.44 0.09 0.00 | 37.13 0.19 0.00 | 35.75 0.32 0.00 | 27.12 0.24 0.00 | 25.56 0.36 0.00 |
| VALLEY44_115KV_TB2 355964 | 22.68 -0.55 0.00 | 22.78 -0.58 0.00 | 20.32 -0.66 0.00 | 18.12 -0.50 0.00 | 17.90 -0.55 0.00 | 19.76 -0.53 0.00 | 21.71 -0.40 0.00 | 20.77 -0.54 0.00 | 18.27 -0.52 0.00 | 18.11 -0.27 0.00 | 17.94 -0.21 0.00 | 21.56 -0.14 0.00 | 23.54 -0.06 0.00 | 24.17 -0.04 0.00 | 23.38 -0.35 0.00 | 22.83 -0.08 0.00 | 32.91 -0.29 0.00 | 39.21 -0.30 0.00 | 36.45 -0.43 0.00 | 29.77 -0.57 0.00 | 36.00 -0.93 0.00 | 34.84 -0.59 0.00 | 26.36 -0.53 0.00 | 24.38 -0.81 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 23.27 0.04 0.00 | 23.37 0.01 0.00 | 21.06 0.07 0.00 | 18.73 0.11 0.00 | 18.53 0.09 0.00 | 20.34 0.05 0.00 | 22.07 -0.04 0.00 | 21.23 -0.08 0.00 | 18.60 -0.20 0.00 | 18.04 -0.34 0.00 | 17.79 -0.37 0.00 | 21.28 -0.42 0.00 | 23.19 -0.42 0.00 | 23.80 -0.41 0.00 | 23.38 -0.36 0.00 | 22.73 -0.18 0.00 | 32.93 -0.26 0.00 | 39.56 0.05 0.00 | 37.16 0.28 0.00 | 30.74 0.40 0.00 | 37.52 0.58 0.00 | 35.94 0.51 0.00 | 27.22 0.33 0.00 | 25.34 0.14 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 23.91 0.68 0.00 | 23.96 0.60 0.00 | 21.49 0.51 0.00 | 19.09 0.47 0.00 | 18.90 0.46 0.00 | 20.77 0.48 0.00 | 22.67 0.56 0.00 | 21.85 0.54 0.00 | 19.29 0.50 0.00 | 18.89 0.51 0.00 | 18.69 0.54 0.00 | 22.35 0.65 0.00 | 24.41 0.81 0.00 | 25.05 0.84 0.00 | 24.57 0.83 0.00 | 23.82 0.91 0.00 | 34.60 1.41 0.00 | 41.30 1.80 0.00 | 38.58 1.70 0.00 | 31.69 1.34 0.00 | 38.50 1.57 0.00 | 36.88 1.46 0.00 | 27.93 1.05 0.00 | 26.00 0.80 0.00 |
| VISCHER___FERRY HYD 24020 | 23.85 0.62 0.00 | 24.01 0.64 0.00 | 21.65 0.67 0.00 | 19.24 0.63 0.00 | 19.07 0.62 0.00 | 20.91 0.62 0.00 | 22.64 0.53 0.00 | 21.84 0.53 0.00 | 19.25 0.45 0.00 | 18.74 0.36 0.00 | 18.47 0.31 0.00 | 22.06 0.37 0.00 | 24.01 0.40 0.00 | 24.61 0.40 0.00 | 24.20 0.47 0.00 | 23.46 0.55 0.00 | 33.96 0.77 0.00 | 40.63 1.13 0.00 | 38.08 1.19 0.00 | 31.44 1.10 0.00 | 38.42 1.49 0.00 | 36.72 1.29 0.00 | 27.86 0.97 0.00 | 25.95 0.75 0.00 |
| V_A_10_SYNC_DSASP 323832 | 21.96 -1.27 0.00 | 22.16 -1.20 0.00 | 19.74 -1.24 0.00 | 17.57 -1.05 0.00 | 17.39 -1.06 0.00 | 19.21 -1.08 0.00 | 21.10 -1.01 0.00 | 20.17 -1.14 0.00 | 17.71 -1.09 0.00 | 17.55 -0.83 0.00 | 17.45 -0.71 0.00 | 21.02 -0.67 0.00 | 22.81 -0.79 0.00 | 23.41 -0.80 0.00 | 22.65 -1.08 0.00 | 22.06 -0.85 0.00 | 31.65 -1.55 0.00 | 37.57 -1.93 0.00 | 35.04 -1.84 0.00 | 28.59 -1.75 0.00 | 34.62 -2.32 0.00 | 33.71 -1.72 0.00 | 25.51 -1.38 0.00 | 23.74 -1.45 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 23.34 0.11 0.00 | 23.49 0.13 0.00 | 21.08 0.10 0.00 | 18.66 0.05 0.00 | 18.53 0.09 0.00 | 20.45 0.15 0.00 | 22.32 0.21 0.00 | 21.52 0.21 0.00 | 18.98 0.18 0.00 | 18.57 0.19 0.00 | 18.35 0.19 0.00 | 21.96 0.27 0.00 | 23.89 0.29 0.00 | 24.50 0.29 0.00 | 23.96 0.22 0.00 | 22.95 0.04 0.00 | 33.29 0.10 0.00 | 39.35 -0.15 0.00 | 36.71 -0.17 0.00 | 30.19 -0.15 0.00 | 36.76 -0.17 0.00 | 35.43 -0.01 0.00 | 26.92 0.04 0.00 | 25.40 0.20 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 23.46 0.23 0.00 | 23.65 0.29 0.00 | 21.40 0.42 0.00 | 19.05 0.43 0.00 | 18.89 0.45 0.00 | 20.76 0.47 0.00 | 22.80 0.69 0.00 | 22.08 0.77 0.00 | 19.34 0.55 0.00 | 18.76 0.38 0.00 | 18.51 0.36 0.00 | 22.15 0.46 0.00 | 24.17 0.57 0.00 | 24.72 0.51 0.00 | 24.13 0.40 0.00 | 23.38 0.47 0.00 | 33.96 0.76 0.00 | 40.10 0.60 0.00 | 38.22 1.33 0.00 | 31.86 1.52 0.00 | 38.65 1.72 0.00 | 36.92 1.49 0.00 | 27.81 0.93 0.00 | 26.11 0.91 0.00 |
| V_D_10_SYNC_DSASP 323841 | 23.39 0.16 0.00 | 23.56 0.20 0.00 | 21.13 0.15 0.00 | 18.71 0.10 0.00 | 18.62 0.18 0.00 | 20.54 0.25 0.00 | 22.43 0.31 0.00 | 21.63 0.32 0.00 | 19.06 0.27 0.00 | 18.65 0.27 0.00 | 18.43 0.27 0.00 | 22.06 0.37 0.00 | 24.00 0.40 0.00 | 24.62 0.41 0.00 | 24.07 0.34 0.00 | 23.06 0.15 0.00 | 33.45 0.26 0.00 | 39.55 0.05 0.00 | 36.90 0.02 0.00 | 30.37 0.03 0.00 | 37.00 0.07 0.00 | 35.65 0.22 0.00 | 27.08 0.20 0.00 | 25.56 0.36 0.00 |
| V_E_10_SYNC_DSASP 323830 | 24.56 1.33 0.00 | 24.58 1.22 0.00 | 22.02 1.04 0.00 | 19.59 0.97 0.00 | 19.38 0.93 0.00 | 21.34 1.05 0.00 | 23.37 1.26 0.00 | 22.43 1.11 0.00 | 19.63 0.83 0.00 | 18.99 0.61 0.00 | 18.73 0.57 0.00 | 22.36 0.66 0.00 | 24.42 0.82 0.00 | 25.11 0.90 0.00 | 24.56 0.82 0.00 | 23.94 1.03 0.00 | 35.04 1.85 0.00 | 42.05 2.55 0.00 | 39.74 2.86 0.00 | 32.88 2.54 0.00 | 39.95 3.01 0.00 | 38.30 2.87 0.00 | 28.85 1.97 0.00 | 26.72 1.52 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 24.37 1.14 0.00 | 24.46 1.10 0.00 | 22.04 1.06 0.00 | 19.58 0.97 0.00 | 19.37 0.93 0.00 | 21.28 0.99 0.00 | 23.08 0.97 0.00 | 22.19 0.88 0.00 | 19.54 0.74 0.00 | 19.01 0.63 0.00 | 18.74 0.58 0.00 | 22.39 0.69 0.00 | 24.40 0.80 0.00 | 25.04 0.83 0.00 | 24.63 0.89 0.00 | 23.92 1.01 0.00 | 34.75 1.56 0.00 | 41.72 2.22 0.00 | 39.19 2.30 0.00 | 32.35 2.01 0.00 | 39.44 2.51 0.00 | 37.63 2.20 0.00 | 28.55 1.66 0.00 | 26.56 1.36 0.00 |

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| V_F_30_SYNC_DSASP 323786 | 23.46 0.23 0.00 | 23.62 0.25 0.00 | 21.39 0.41 0.00 | 19.02 0.40 0.00 | 18.84 0.40 0.00 | 20.65 0.36 0.00 | 22.37 0.26 0.00 | 21.63 0.32 0.00 | 19.07 0.28 0.00 | 18.55 0.17 0.00 | 18.30 0.14 0.00 | 21.87 0.17 0.00 | 23.76 0.15 0.00 | 24.37 0.16 0.00 | 23.98 0.25 0.00 | 23.29 0.38 0.00 | 33.67 0.47 0.00 | 40.24 0.74 0.00 | 37.63 0.75 0.00 | 31.02 0.68 0.00 | 37.83 0.89 0.00 | 36.15 0.72 0.00 | 27.40 0.52 0.00 | 25.52 0.33 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 23.46 0.23 0.00 | 23.65 0.29 0.00 | 21.40 0.42 0.00 | 19.05 0.43 0.00 | 18.89 0.45 0.00 | 20.76 0.47 0.00 | 22.80 0.69 0.00 | 22.08 0.77 0.00 | 19.34 0.55 0.00 | 18.76 0.38 0.00 | 18.51 0.36 0.00 | 22.15 0.46 0.00 | 24.17 0.57 0.00 | 24.72 0.51 0.00 | 24.13 0.40 0.00 | 23.38 0.47 0.00 | 33.96 0.76 0.00 | 40.10 0.60 0.00 | 38.22 1.33 0.00 | 31.86 1.52 0.00 | 38.65 1.72 0.00 | 36.92 1.49 0.00 | 27.81 0.93 0.00 | 26.11 0.91 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 24.09 0.86 0.00 | 24.05 0.69 0.00 | 21.57 0.59 0.00 | 19.16 0.54 0.00 | 18.97 0.52 0.00 | 20.77 0.48 0.00 | 22.64 0.53 0.00 | 21.87 0.56 0.00 | 19.40 0.61 0.00 | 19.01 0.64 0.00 | 18.89 0.73 0.00 | 22.61 0.92 0.00 | 24.77 1.16 0.00 | 25.44 1.23 0.00 | 25.06 1.33 0.00 | 24.36 1.45 0.00 | 35.31 2.11 0.00 | 42.16 2.66 0.00 | 39.19 2.30 0.00 | 32.16 1.82 0.00 | 39.09 2.16 0.00 | 37.30 1.87 0.00 | 28.29 1.40 0.00 | 26.33 1.13 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 24.19 0.96 0.00 | 24.16 0.80 0.00 | 21.68 0.69 0.00 | 19.26 0.65 0.00 | 19.05 0.61 0.00 | 20.85 0.56 0.00 | 22.71 0.60 0.00 | 21.96 0.65 0.00 | 19.51 0.71 0.00 | 19.12 0.74 0.00 | 19.01 0.85 0.00 | 22.74 1.04 0.00 | 24.91 1.31 0.00 | 25.57 1.36 0.00 | 25.19 1.45 0.00 | 24.48 1.58 0.00 | 35.46 2.27 0.00 | 42.31 2.80 0.00 | 39.28 2.40 0.00 | 32.23 1.89 0.00 | 39.18 2.25 0.00 | 37.43 2.00 0.00 | 28.41 1.53 0.00 | 26.44 1.24 0.00 |
| W50THST__13_KV_LOAD 356117 | 24.28 1.05 0.00 | 24.25 0.89 0.00 | 21.75 0.77 0.00 | 19.33 0.72 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.80 0.69 0.00 | 22.04 0.73 0.00 | 19.59 0.79 0.00 | 19.20 0.82 0.00 | 19.09 0.94 0.00 | 22.83 1.14 0.00 | 25.03 1.42 0.00 | 25.68 1.47 0.00 | 25.30 1.57 0.00 | 24.59 1.68 0.00 | 35.63 2.43 0.00 | 42.49 2.98 0.00 | 39.45 2.57 0.00 | 32.37 2.03 0.00 | 39.35 2.41 0.00 | 37.58 2.15 0.00 | 28.53 1.64 0.00 | 26.54 1.34 0.00 |
| WADING RIVER_IC_1 23522 | 24.20 0.96 0.00 | 24.09 0.73 0.00 | 21.57 0.59 0.00 | 19.22 0.61 0.00 | 19.05 0.60 0.00 | 20.90 0.61 0.00 | 22.83 0.72 0.00 | 21.97 0.66 0.00 | 19.63 0.84 0.00 | 21.44 0.91 -2.16 | 22.98 0.95 -3.87 | 31.68 1.15 -8.84 | 32.52 1.44 -7.48 | 31.87 1.55 -6.11 | 25.28 1.54 0.00 | 24.69 1.78 0.00 | 35.70 2.51 0.00 | 42.86 3.36 0.00 | 39.70 2.81 0.00 | 32.54 2.20 0.00 | 39.74 2.80 0.00 | 37.53 2.10 0.00 | 28.59 1.70 0.00 | 26.55 1.35 0.00 |
| WADING RIVER_IC_2 23547 | 24.20 0.96 0.00 | 24.09 0.73 0.00 | 21.57 0.59 0.00 | 19.22 0.61 0.00 | 19.05 0.60 0.00 | 20.90 0.61 0.00 | 22.83 0.72 0.00 | 21.97 0.66 0.00 | 19.63 0.84 0.00 | 21.44 0.91 -2.16 | 22.98 0.95 -3.87 | 31.68 1.15 -8.84 | 32.52 1.44 -7.48 | 31.87 1.55 -6.11 | 25.28 1.54 0.00 | 24.69 1.78 0.00 | 35.70 2.51 0.00 | 42.86 3.36 0.00 | 39.70 2.81 0.00 | 32.54 2.20 0.00 | 39.74 2.80 0.00 | 37.53 2.10 0.00 | 28.59 1.70 0.00 | 26.55 1.35 0.00 |
| WADING RIVER_IC_3 23601 | 24.20 0.96 0.00 | 24.09 0.73 0.00 | 21.57 0.59 0.00 | 19.22 0.61 0.00 | 19.05 0.60 0.00 | 20.90 0.61 0.00 | 22.83 0.72 0.00 | 21.97 0.66 0.00 | 19.63 0.84 0.00 | 21.44 0.91 -2.16 | 22.98 0.95 -3.87 | 31.68 1.15 -8.84 | 32.52 1.44 -7.48 | 31.87 1.55 -6.11 | 25.28 1.54 0.00 | 24.69 1.78 0.00 | 35.70 2.51 0.00 | 42.86 3.36 0.00 | 39.70 2.81 0.00 | 32.54 2.20 0.00 | 39.74 2.80 0.00 | 37.53 2.10 0.00 | 28.59 1.70 0.00 | 26.55 1.35 0.00 |
| WALDENNY_12_KV_BK2 80841 | 22.24 -1.00 0.00 | 22.41 -0.95 0.00 | 19.94 -1.04 0.00 | 17.75 -0.87 0.00 | 17.56 -0.89 0.00 | 19.42 -0.87 0.00 | 21.37 -0.74 0.00 | 20.38 -0.93 0.00 | 17.91 -0.89 0.00 | 17.79 -0.59 0.00 | 17.72 -0.44 0.00 | 21.38 -0.32 0.00 | 23.24 -0.37 0.00 | 23.89 -0.32 0.00 | 23.07 -0.66 0.00 | 22.51 -0.40 0.00 | 32.23 -0.97 0.00 | 38.27 -1.23 0.00 | 35.66 -1.23 0.00 | 29.08 -1.27 0.00 | 35.16 -1.77 0.00 | 34.30 -1.13 0.00 | 25.91 -0.98 0.00 | 24.07 -1.13 0.00 |
| WALDEN__HYDRO 24148 | 23.99 0.76 0.00 | 23.98 0.62 0.00 | 21.51 0.52 0.00 | 19.10 0.49 0.00 | 18.91 0.47 0.00 | 20.72 0.43 0.00 | 22.58 0.47 0.00 | 21.81 0.50 0.00 | 19.33 0.53 0.00 | 18.92 0.54 0.00 | 18.77 0.61 0.00 | 22.44 0.75 0.00 | 24.56 0.96 0.00 | 25.23 1.02 0.00 | 24.86 1.12 0.00 | 24.14 1.23 0.00 | 35.02 1.82 0.00 | 41.86 2.35 0.00 | 38.97 2.09 0.00 | 32.02 1.68 0.00 | 38.94 2.00 0.00 | 37.16 1.73 0.00 | 28.18 1.29 0.00 | 26.22 1.02 0.00 |
| WARRENSBURG____ 23737 | 24.57 1.34 0.00 | 24.59 1.23 0.00 | 22.17 1.19 0.00 | 19.71 1.09 0.00 | 19.42 0.98 0.00 | 21.33 1.04 0.00 | 23.17 1.05 0.00 | 22.20 0.89 0.00 | 19.52 0.72 0.00 | 18.97 0.59 0.00 | 18.68 0.53 0.00 | 22.34 0.64 0.00 | 24.38 0.78 0.00 | 25.03 0.82 0.00 | 24.63 0.89 0.00 | 23.93 1.02 0.00 | 34.84 1.64 0.00 | 41.97 2.46 0.00 | 39.52 2.64 0.00 | 32.69 2.34 0.00 | 39.80 2.87 0.00 | 37.93 2.49 0.00 | 28.86 1.97 0.00 | 26.82 1.62 0.00 |
| WATERSIDE____6 8 9 23538 | 24.26 1.03 0.00 | 24.21 0.85 0.00 | 21.71 0.72 0.00 | 19.29 0.68 0.00 | 19.07 0.62 0.00 | 20.86 0.57 0.00 | 22.73 0.62 0.00 | 21.98 0.67 0.00 | 19.53 0.73 0.00 | 19.14 0.76 0.00 | 19.03 0.88 0.00 | 22.77 1.07 0.00 | 24.94 1.33 0.00 | 25.59 1.38 0.00 | 25.21 1.48 0.00 | 24.50 1.60 0.00 | 34.62 2.30 0.88 | 42.34 2.84 0.00 | 39.32 2.43 0.00 | 32.29 1.95 0.00 | 39.23 2.30 0.00 | 37.50 2.07 0.00 | 28.46 1.57 0.00 | 26.47 1.28 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 23.22 -0.01 0.00 | 23.33 -0.03 0.00 | 21.01 0.02 0.00 | 18.67 0.06 0.00 | 18.48 0.04 0.00 | 20.29 0.00 0.00 | 22.04 -0.07 0.00 | 21.22 -0.09 0.00 | 18.63 -0.16 0.00 | 18.12 -0.26 0.00 | 17.87 -0.29 0.00 | 21.37 -0.33 0.00 | 23.27 -0.33 0.00 | 23.89 -0.32 0.00 | 23.45 -0.29 0.00 | 22.75 -0.16 0.00 | 32.98 -0.21 0.00 | 39.50 0.00 0.00 | 37.04 0.16 0.00 | 30.60 0.26 0.00 | 37.33 0.39 0.00 | 35.75 0.32 0.00 | 27.09 0.20 0.00 | 25.26 0.06 0.00 |
| WATSON____69_KV_BK 1 55734 | 24.76 1.52 0.00 | 24.68 1.32 0.00 | 22.10 1.12 0.00 | 19.63 1.02 0.00 | 19.42 0.97 0.00 | 21.30 1.01 0.00 | 23.22 1.11 0.00 | 22.42 1.11 0.00 | 20.03 1.23 0.00 | 21.83 1.30 -2.16 | 23.39 1.36 -3.87 | 32.20 1.67 -8.84 | 33.11 2.03 -7.48 | 32.45 2.13 -6.11 | 25.80 2.07 0.00 | 25.18 2.28 0.00 | 36.42 3.22 0.00 | 43.63 4.13 0.00 | 40.44 3.55 0.00 | 33.17 2.83 0.00 | 40.53 3.60 0.00 | 38.37 2.95 0.00 | 29.20 2.31 0.00 | 27.14 1.94 0.00 |
| WDELAWARE__HYD 323627 | 23.23 0.00 0.00 | 23.21 -0.16 0.00 | 20.79 -0.19 0.00 | 18.46 -0.16 0.00 | 18.27 -0.17 0.00 | 20.03 -0.26 0.00 | 21.83 -0.28 0.00 | 21.09 -0.23 0.00 | 18.69 -0.11 0.00 | 18.27 -0.11 0.00 | 18.11 -0.05 0.00 | 21.64 -0.06 0.00 | 23.68 0.08 0.00 | 24.36 0.15 0.00 | 24.00 0.26 0.00 | 23.33 0.42 0.00 | 33.92 0.72 0.00 | 40.62 1.12 0.00 | 37.88 1.00 0.00 | 31.12 0.78 0.00 | 37.81 0.88 0.00 | 36.07 0.63 0.00 | 27.35 0.47 0.00 | 25.44 0.24 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WEST BABYLON___IC 23714 | 24.71 1.48 0.00 | 24.64 1.28 0.00 | 22.07 1.09 0.00 | 19.59 0.98 0.00 | 19.38 0.94 0.00 | 21.25 0.96 0.00 | 23.16 1.05 0.00 | 22.37 1.06 0.00 | 19.96 1.17 0.00 | 21.77 1.23 -2.16 | 23.33 1.31 -3.87 | 32.14 1.60 -8.84 | 33.01 1.93 -7.48 | 32.31 1.99 -6.11 | 25.66 1.92 0.00 | 25.00 2.09 0.00 | 36.18 2.98 0.00 | 43.32 3.82 0.00 | 40.16 3.28 0.00 | 32.95 2.61 0.00 | 40.25 3.32 0.00 | 38.20 2.77 0.00 | 29.11 2.22 0.00 | 27.07 1.88 0.00 |
| WEST CANADA___HYD 24049 | 23.23 0.00 0.00 | 23.36 0.00 0.00 | 21.00 0.02 0.00 | 18.64 0.03 0.00 | 18.46 0.02 0.00 | 20.29 0.00 0.00 | 22.09 -0.01 0.00 | 21.29 -0.02 0.00 | 18.78 -0.02 0.00 | 18.35 -0.02 0.00 | 18.12 -0.04 0.00 | 21.65 -0.04 0.00 | 23.56 -0.05 0.00 | 24.16 -0.05 0.00 | 23.71 -0.02 0.00 | 22.94 0.02 0.00 | 33.22 0.03 0.00 | 39.60 0.10 0.00 | 36.99 0.11 0.00 | 30.46 0.12 0.00 | 37.08 0.15 0.00 | 35.54 0.11 0.00 | 26.97 0.08 0.00 | 25.22 0.02 0.00 |
| WESTERN_NY_WIND 24143 | 22.60 -0.63 0.00 | 22.78 -0.58 0.00 | 20.27 -0.72 0.00 | 18.02 -0.60 0.00 | 17.84 -0.61 0.00 | 19.72 -0.57 0.00 | 21.68 -0.43 0.00 | 20.70 -0.61 0.00 | 18.14 -0.66 0.00 | 17.89 -0.49 0.00 | 17.77 -0.39 0.00 | 21.40 -0.30 0.00 | 23.23 -0.38 0.00 | 23.86 -0.35 0.00 | 23.11 -0.62 0.00 | 22.57 -0.33 0.00 | 32.61 -0.58 0.00 | 38.91 -0.59 0.00 | 36.46 -0.42 0.00 | 29.71 -0.64 0.00 | 35.98 -0.95 0.00 | 34.98 -0.45 0.00 | 26.40 -0.49 0.00 | 24.51 -0.69 0.00 |
| WESTOVER___LESR 323668 | 23.10 -0.13 0.00 | 23.18 -0.18 0.00 | 20.79 -0.19 0.00 | 18.50 -0.11 0.00 | 18.29 -0.16 0.00 | 20.13 -0.16 0.00 | 22.00 -0.11 0.00 | 21.15 -0.16 0.00 | 18.65 -0.15 0.00 | 18.24 -0.13 0.00 | 18.06 -0.09 0.00 | 21.62 -0.08 0.00 | 23.62 0.01 0.00 | 24.25 0.04 0.00 | 23.69 -0.04 0.00 | 23.05 0.14 0.00 | 33.36 0.17 0.00 | 39.89 0.39 0.00 | 37.18 0.30 0.00 | 30.54 0.20 0.00 | 37.07 0.14 0.00 | 35.60 0.17 0.00 | 26.94 0.06 0.00 | 25.01 -0.18 0.00 |
| WETHRSFD_WT_PWR 323626 | 22.33 -0.90 0.00 | 22.47 -0.89 0.00 | 20.03 -0.95 0.00 | 17.84 -0.78 0.00 | 17.64 -0.81 0.00 | 19.48 -0.81 0.00 | 21.41 -0.70 0.00 | 20.47 -0.84 0.00 | 17.97 -0.82 0.00 | 17.77 -0.60 0.00 | 17.68 -0.47 0.00 | 21.31 -0.38 0.00 | 23.18 -0.43 0.00 | 23.81 -0.40 0.00 | 23.05 -0.68 0.00 | 22.49 -0.42 0.00 | 32.28 -0.92 0.00 | 38.41 -1.09 0.00 | 35.79 -1.09 0.00 | 29.25 -1.09 0.00 | 35.38 -1.56 0.00 | 34.44 -0.99 0.00 | 26.04 -0.85 0.00 | 24.16 -1.04 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 23.98 0.75 0.00 | 23.95 0.59 0.00 | 21.48 0.50 0.00 | 19.08 0.47 0.00 | 18.89 0.44 0.00 | 20.69 0.40 0.00 | 22.54 0.43 0.00 | 21.78 0.46 0.00 | 19.32 0.52 0.00 | 18.93 0.55 0.00 | 18.80 0.64 0.00 | 22.50 0.80 0.00 | 24.64 1.03 0.00 | 25.29 1.08 0.00 | 24.92 1.18 0.00 | 24.21 1.30 0.00 | 35.08 1.89 0.00 | 41.91 2.40 0.00 | 38.94 2.06 0.00 | 31.98 1.63 0.00 | 38.87 1.94 0.00 | 37.10 1.66 0.00 | 28.15 1.26 0.00 | 26.20 1.01 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 23.98 0.75 0.00 | 23.95 0.59 0.00 | 21.48 0.50 0.00 | 19.08 0.47 0.00 | 18.89 0.44 0.00 | 20.69 0.40 0.00 | 22.54 0.43 0.00 | 21.78 0.46 0.00 | 19.32 0.52 0.00 | 18.93 0.55 0.00 | 18.80 0.64 0.00 | 22.50 0.80 0.00 | 24.64 1.03 0.00 | 25.29 1.08 0.00 | 24.92 1.18 0.00 | 24.21 1.30 0.00 | 35.08 1.89 0.00 | 41.91 2.40 0.00 | 38.94 2.06 0.00 | 31.98 1.63 0.00 | 38.87 1.94 0.00 | 37.10 1.66 0.00 | 28.15 1.26 0.00 | 26.20 1.01 0.00 |
| WHITEHAL_115KV_TB1 80871 | 24.93 1.69 0.00 | 24.78 1.42 0.00 | 22.42 1.44 0.00 | 19.97 1.36 0.00 | 19.84 1.39 0.00 | 21.85 1.56 0.00 | 23.84 1.72 0.00 | 22.84 1.54 0.00 | 19.93 1.14 0.00 | 19.27 0.89 0.00 | 18.85 0.69 0.00 | 22.51 0.81 0.00 | 24.64 1.04 0.00 | 25.25 1.04 0.00 | 24.80 1.07 0.00 | 24.15 1.23 0.00 | 35.23 2.03 0.00 | 42.80 3.30 0.00 | 40.68 3.80 0.00 | 33.96 3.62 0.00 | 41.28 4.35 0.00 | 39.22 3.79 0.00 | 29.71 2.82 0.00 | 27.53 2.34 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 24.32 1.08 0.00 | 24.29 0.93 0.00 | 21.79 0.81 0.00 | 19.35 0.74 0.00 | 19.15 0.71 0.00 | 20.97 0.68 0.00 | 22.84 0.73 0.00 | 22.09 0.78 0.00 | 19.62 0.82 0.00 | 19.23 0.85 0.00 | 19.10 0.95 0.00 | 22.87 1.18 0.00 | 25.05 1.44 0.00 | 25.71 1.51 0.00 | 25.33 1.59 0.00 | 24.62 1.71 0.00 | 35.69 2.49 0.00 | 42.63 3.13 0.00 | 39.62 2.73 0.00 | 32.51 2.17 0.00 | 39.53 2.60 0.00 | 37.73 2.30 0.00 | 28.61 1.72 0.00 | 26.60 1.41 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 24.42 1.19 0.00 | 24.33 0.97 0.00 | 21.79 0.81 0.00 | 19.39 0.77 0.00 | 19.20 0.75 0.00 | 21.07 0.78 0.00 | 23.00 0.89 0.00 | 22.16 0.85 0.00 | 19.79 0.99 0.00 | 21.59 1.06 -2.16 | 23.12 1.10 -3.87 | 31.84 1.31 -8.84 | 32.70 1.62 -7.48 | 32.05 1.73 -6.11 | 25.46 1.72 0.00 | 24.86 1.95 0.00 | 35.96 2.77 0.00 | 43.16 3.66 0.00 | 40.00 3.11 0.00 | 32.81 2.47 0.00 | 40.03 3.10 0.00 | 37.83 2.40 0.00 | 28.82 1.93 0.00 | 26.78 1.58 0.00 |
| WOODARD___115KV_TB2 355635 | 22.96 -0.27 0.00 | 23.10 -0.26 0.00 | 20.72 -0.26 0.00 | 18.40 -0.21 0.00 | 18.22 -0.23 0.00 | 20.04 -0.25 0.00 | 21.88 -0.23 0.00 | 21.13 -0.18 0.00 | 18.61 -0.18 0.00 | 18.21 -0.17 0.00 | 17.98 -0.18 0.00 | 21.46 -0.23 0.00 | 23.31 -0.29 0.00 | 23.92 -0.29 0.00 | 23.44 -0.30 0.00 | 22.75 -0.16 0.00 | 32.98 -0.22 0.00 | 39.39 -0.11 0.00 | 36.81 -0.07 0.00 | 30.26 -0.08 0.00 | 36.77 -0.16 0.00 | 35.26 -0.17 0.00 | 26.67 -0.21 0.00 | 24.79 -0.41 0.00 |
| YORK___WARBASSE 23770 | 24.36 1.12 0.00 | 24.30 0.94 0.00 | 21.80 0.81 0.00 | 19.36 0.75 0.00 | 19.12 0.68 0.00 | 20.92 0.63 0.00 | 22.81 0.70 0.00 | 22.05 0.74 0.00 | 19.59 0.79 0.00 | 19.19 0.81 0.00 | 19.10 0.94 0.00 | 22.91 1.21 0.00 | 25.11 1.49 -0.01 | 25.76 1.54 -0.01 | 25.37 1.63 -0.01 | 24.64 1.72 0.00 | 39.99 2.48 -4.32 | 42.55 3.05 0.00 | 39.49 2.61 0.00 | 32.45 2.11 0.00 | 39.39 2.46 0.00 | 37.72 2.28 -0.01 | 28.65 1.75 -0.01 | 26.64 1.44 0.00 |