

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/31/2023

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 24.26 | 25.27 | 26.53 | 25.54 | 19.51 | 22.93 | 38.75 | 33.83 | 54.02 | 22.52 | 28.59 | 29.39 | 29.05 | 32.74 | 30.55 | 28.84 | 28.39 | 30.06 | 33.16 | 28.62 | 27.14 | 27.31 | 24.97 | 27.15 |
| 24138 | 1.26 | 1.17 | 1.17 | 1.15 | 1.10 | 1.41 | 2.61 | 2.41 | 3.92 | 1.65 | 2.06 | 2.27 | 2.16 | 2.38 | 2.23 | 2.18 | 2.24 | 2.18 | 2.49 | 2.05 | 2.01 | 2.06 | 1.74 | 1.75 |
| | 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 | 24.24 | 25.24 | 26.50 | 25.53 | 19.50 | 22.89 | 38.67 | 33.77 | 54.04 | 22.53 | 28.60 | 29.41 | 29.00 | 32.65 | 30.49 | 28.77 | 28.31 | 30.00 | 33.12 | 28.60 | 27.10 | 27.27 | 24.93 | 27.09 |
| 24260 | 1.25 | 1.14 | 1.14 | 1.14 | 1.09 | 1.37 | 2.54 | 2.35 | 3.94 | 1.66 | 2.07 | 2.28 | 2.12 | 2.29 | 2.16 | 2.11 | 2.15 | 2.13 | 2.45 | 2.02 | 1.96 | 2.02 | 1.70 | 1.69 |
| | 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 | 24.24 | 25.24 | 26.50 | 25.53 | 19.50 | 22.89 | 38.67 | 33.77 | 54.04 | 22.53 | 28.60 | 29.41 | 29.00 | 32.65 | 30.49 | 28.77 | 28.31 | 30.00 | 33.12 | 28.60 | 27.10 | 27.27 | 24.93 | 27.09 |
| 24261 | 1.25 | 1.14 | 1.14 | 1.14 | 1.09 | 1.37 | 2.54 | 2.35 | 3.94 | 1.66 | 2.07 | 2.28 | 2.12 | 2.29 | 2.16 | 2.11 | 2.15 | 2.13 | 2.45 | 2.02 | 1.96 | 2.02 | 1.70 | 1.69 |
| | 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 | 24.19 | 25.22 | 26.40 | 25.17 | 19.01 | 22.25 | 37.80 | 33.23 | 52.92 | 21.62 | 27.44 | 28.03 | 27.71 | 31.32 | 29.23 | 27.73 | 27.45 | 29.27 | 32.05 | 27.92 | 26.44 | 26.73 | 24.36 | 26.40 |
| 24011 | 1.20 | 1.12 | 1.04 | 0.78 | 0.60 | 0.72 | 1.67 | 1.82 | 2.82 | 0.74 | 0.91 | 0.91 | 0.83 | 0.96 | 0.90 | 1.08 | 1.30 | 1.39 | 1.38 | 1.34 | 1.30 | 1.48 | 1.13 | 0.99 |
| | 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 | 24.29 | 25.28 | 26.44 | 25.18 | 19.04 | 22.36 | 38.09 | 33.52 | 53.31 | 21.70 | 27.55 | 28.13 | 27.80 | 31.42 | 29.31 | 27.87 | 27.68 | 29.52 | 32.23 | 28.16 | 26.66 | 26.97 | 24.55 | 26.56 |
| 23798 | 1.29 | 1.18 | 1.09 | 0.79 | 0.63 | 0.84 | 1.96 | 2.10 | 3.21 | 0.83 | 1.02 | 1.01 | 0.91 | 1.06 | 0.98 | 1.21 | 1.52 | 1.65 | 1.56 | 1.58 | 1.52 | 1.71 | 1.32 | 1.16 |
| | 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 | 24.19 | 25.22 | 26.40 | 25.17 | 19.01 | 22.25 | 37.80 | 33.23 | 52.92 | 21.62</ | | | | | | | | | | | | | | |

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| ALBANY___4 23574 | 23.22 0.23 0.00 | 24.29 0.19 0.00 | 25.53 0.17 0.00 | 24.52 0.13 0.00 | 18.63 0.22 0.00 | 21.82 0.30 0.00 | 36.85 0.72 0.00 | 32.04 0.62 0.00 | 51.00 0.89 0.00 | 21.08 0.21 0.00 | 26.73 0.20 0.00 | 27.37 0.25 0.00 | 27.08 0.20 0.00 | 30.53 0.17 0.00 | 28.52 0.19 0.00 | 27.00 0.34 0.00 | 26.62 0.47 0.00 | 28.24 0.37 0.00 | 31.06 0.39 0.00 | 26.96 0.39 0.00 | 25.58 0.44 0.00 | 25.81 0.56 0.00 | 23.57 0.33 0.00 | 25.59 0.19 0.00 |
| ALBANY___LFGE 323615 | 23.47 0.48 0.00 | 24.54 0.44 0.00 | 25.79 0.43 0.00 | 24.77 0.39 0.00 | 18.83 0.41 0.00 | 22.06 0.54 0.00 | 37.27 1.13 0.00 | 32.43 1.01 0.00 | 51.69 1.59 0.00 | 21.39 0.52 0.00 | 27.12 0.59 0.00 | 27.77 0.64 0.00 | 27.48 0.59 0.00 | 30.99 0.62 0.00 | 28.94 0.61 0.00 | 27.40 0.73 0.00 | 27.01 0.85 0.00 | 28.67 0.79 0.00 | 31.54 0.87 0.00 | 27.36 0.78 0.00 | 25.95 0.82 0.00 | 26.17 0.91 0.00 | 23.89 0.66 0.00 | 25.96 0.55 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 23.03 0.04 0.00 | 24.10 0.00 0.00 | 25.40 0.04 0.00 | 24.42 0.03 0.00 | 18.33 -0.08 0.00 | 21.35 -0.17 0.00 | 35.85 -0.28 0.00 | 30.98 -0.43 0.00 | 49.46 -0.64 0.00 | 20.70 -0.17 0.00 | 26.35 -0.18 0.00 | 26.90 -0.22 0.00 | 26.69 -0.19 0.00 | 30.17 -0.19 0.00 | 28.09 -0.24 0.00 | 26.44 -0.22 0.00 | 25.91 -0.24 0.00 | 27.61 -0.26 0.00 | 30.30 -0.37 0.00 | 26.32 -0.25 0.00 | 24.86 -0.28 0.00 | 24.94 -0.31 0.00 | 23.13 -0.11 0.00 | 25.49 0.09 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 23.03 0.04 0.00 | 24.10 0.00 0.00 | 25.40 0.04 0.00 | 24.42 0.03 0.00 | 18.33 -0.08 0.00 | 21.35 -0.17 0.00 | 35.85 -0.28 0.00 | 30.98 -0.43 0.00 | 49.46 -0.64 0.00 | 20.70 -0.17 0.00 | 26.35 -0.18 0.00 | 26.90 -0.22 0.00 | 26.69 -0.19 0.00 | 30.17 -0.19 0.00 | 28.09 -0.24 0.00 | 26.44 -0.22 0.00 | 25.91 -0.24 0.00 | 27.61 -0.26 0.00 | 30.30 -0.37 0.00 | 26.32 -0.25 0.00 | 24.86 -0.28 0.00 | 24.94 -0.31 0.00 | 23.13 -0.11 0.00 | 25.49 0.09 0.00 |
| ALCOA___DSASP 323711 | 23.03 0.04 0.00 | 24.10 0.00 0.00 | 25.40 0.04 0.00 | 24.42 0.03 0.00 | 18.33 -0.08 0.00 | 21.35 -0.17 0.00 | 35.86 -0.28 0.00 | 30.98 -0.43 0.00 | 49.46 -0.64 0.00 | 20.70 -0.17 0.00 | 26.35 -0.18 0.00 | 26.90 -0.22 0.00 | 26.69 -0.19 0.00 | 30.17 -0.19 0.00 | 28.09 -0.24 0.00 | 26.44 -0.22 0.00 | 25.91 -0.24 0.00 | 27.61 -0.26 0.00 | 30.31 -0.37 0.00 | 26.32 -0.25 0.00 | 24.86 -0.28 0.00 | 24.94 -0.31 0.00 | 23.13 -0.11 0.00 | 25.49 0.09 0.00 |
| ALLEGHENY___COGEN 23514 | 23.92 0.93 0.00 | 25.21 1.11 0.00 | 26.58 1.22 0.00 | 25.65 1.26 0.00 | 19.22 0.81 0.00 | 22.69 1.16 0.00 | 36.81 0.68 0.00 | 33.02 1.60 0.00 | 52.61 2.51 0.00 | 21.72 0.85 0.00 | 27.79 1.26 0.00 | 28.21 1.08 0.00 | 28.11 1.23 0.00 | 31.49 1.13 0.00 | 29.87 1.55 0.00 | 27.70 1.04 0.00 | 26.79 0.64 0.00 | 29.18 1.31 0.00 | 32.49 1.82 0.00 | 27.86 1.28 0.00 | 26.15 1.01 0.00 | 26.20 0.95 0.00 | 24.11 0.88 0.00 | 26.88 1.47 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 23.57 0.57 0.00 | 24.67 0.57 0.00 | 25.93 0.58 0.00 | 24.92 0.54 0.00 | 18.91 0.50 0.00 | 22.13 0.61 0.00 | 37.32 1.19 0.00 | 32.54 1.12 0.00 | 51.88 1.78 0.00 | 21.49 0.62 0.00 | 27.26 0.73 0.00 | 27.92 0.80 0.00 | 27.63 0.74 0.00 | 31.16 0.81 0.00 | 29.11 0.78 0.00 | 27.51 0.84 0.00 | 27.10 0.95 0.00 | 28.80 0.92 0.00 | 31.70 1.03 0.00 | 27.48 0.90 0.00 | 26.04 0.91 0.00 | 26.23 0.98 0.00 | 24.01 0.78 0.00 | 26.14 0.73 0.00 |
| ALTONA_WT_PWR 323606 | 22.95 -0.05 0.00 | 24.11 0.01 0.00 | 25.44 0.08 0.00 | 24.48 0.09 0.00 | 18.26 -0.15 0.00 | 21.13 -0.40 0.00 | 35.44 -0.70 0.00 | 30.02 -1.40 0.00 | 48.24 -1.86 0.00 | 20.44 -0.43 0.00 | 26.59 0.06 0.00 | 27.24 0.12 0.00 | 26.97 0.09 0.00 | 30.58 0.22 0.00 | 28.50 0.18 0.00 | 26.90 0.24 0.00 | 26.01 -0.15 0.00 | 27.43 -0.44 0.00 | 30.05 -0.62 0.00 | 26.25 -0.33 0.00 | 24.74 -0.40 0.00 | 24.91 -0.34 0.00 | 23.09 -0.15 0.00 | 25.87 0.46 0.00 |
| AMERICAN_REF_FUEL 24010 | 22.28 -0.72 0.00 | 23.56 -0.53 0.00 | 24.85 -0.51 0.00 | 24.08 -0.31 0.00 | 18.13 -0.28 0.00 | 21.63 0.11 0.00 | 35.39 -0.74 0.00 | 31.19 -0.23 0.00 | 49.71 -0.39 0.00 | 20.78 -0.09 0.00 | 26.88 0.35 0.00 | 27.25 0.13 0.00 | 27.23 0.34 0.00 | 30.60 0.24 0.00 | 28.42 0.10 0.00 | 26.16 -0.50 0.00 | 25.31 -0.84 0.00 | 27.48 -0.40 0.00 | 30.33 -0.34 0.00 | 25.89 -0.69 0.00 | 24.38 -0.76 0.00 | 24.34 -0.91 0.00 | 22.79 -0.44 0.00 | 25.14 -0.27 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 23.37 0.38 0.00 | 24.79 0.70 0.00 | 26.21 0.85 0.00 | 25.42 1.03 0.00 | 19.15 0.73 0.00 | 22.89 1.37 0.00 | 37.91 1.78 0.00 | 33.55 2.13 0.00 | 53.43 3.33 0.00 | 22.18 1.31 0.00 | 28.78 2.25 0.00 | 29.09 1.97 0.00 | 28.85 1.97 0.00 | 32.63 2.27 0.00 | 30.34 2.01 0.00 | 28.06 1.40 0.00 | 27.10 0.95 0.00 | 29.41 1.54 0.00 | 32.69 2.02 0.00 | 27.76 1.19 0.00 | 26.10 0.97 0.00 | 26.23 0.98 0.00 | 24.36 1.12 0.00 | 26.81 1.40 0.00 |
| ARTHUR_KILL_GT_1 23520 | 24.24 1.25 0.00 | 25.27 1.18 0.00 | 26.55 1.19 0.00 | 25.58 1.19 0.00 | 19.57 1.16 0.00 | 22.96 1.44 0.00 | 38.51 2.38 0.00 | 33.56 2.14 0.00 | 53.50 3.40 0.00 | 22.50 1.63 0.00 | 28.37 1.84 0.00 | 29.16 2.04 0.00 | 28.81 1.92 0.00 | 32.27 1.92 0.00 | 30.24 1.91 0.00 | 28.70 2.04 0.00 | 28.18 2.03 0.00 | 29.73 1.86 0.00 | 32.78 2.11 0.00 | 28.58 2.01 0.00 | 27.16 2.02 0.00 | 27.29 2.03 0.00 | 24.82 1.59 0.00 | 26.87 1.46 0.00 |
| ARTHUR_KILL_2 23512 | 24.19 1.20 0.00 | 25.21 1.12 0.00 | 26.49 1.13 0.00 | 25.52 1.13 0.00 | 19.52 1.11 0.00 | 22.91 1.39 0.00 | 38.40 2.27 0.00 | 33.46 2.05 0.00 | 53.35 3.25 0.00 | 22.45 1.58 0.00 | 28.30 1.77 0.00 | 29.09 1.97 0.00 | 28.74 1.85 0.00 | 32.20 1.84 0.00 | 30.16 1.83 0.00 | 28.62 1.96 0.00 | 28.11 1.96 0.00 | 29.65 1.78 0.00 | 32.69 2.02 0.00 | 28.50 1.93 0.00 | 27.08 1.94 0.00 | 27.21 1.96 0.00 | 24.76 1.52 0.00 | 26.80 1.40 0.00 |
| ARTHUR_KILL_3 23513 | 23.98 0.98 0.00 | 24.96 0.86 0.00 | 26.20 0.84 0.00 | 25.24 0.85 0.00 | 19.30 0.89 0.00 | 22.68 1.15 0.00 | 38.30 2.16 0.00 | 33.42 2.00 0.00 | 53.32 3.22 0.00 | 22.24 1.37 0.00 | 28.21 1.68 0.00 | 29.01 1.89 0.00 | 28.65 1.77 0.00 | 32.30 1.94 0.00 | 30.15 1.82 0.00 | 28.47 1.81 0.00 | 28.02 1.86 0.00 | 29.67 1.80 0.00 | 32.77 2.10 0.00 | 28.29 1.72 0.00 | 26.83 1.69 0.00 | 27.00 1.75 0.00 | 24.69 1.46 0.00 | 26.87 1.46 0.00 |
| ARTHUR_KILL_COGEN 323718 | 24.24 1.25 0.00 | 25.27 1.18 0.00 | 26.55 1.19 0.00 | 25.58 1.19 0.00 | 19.57 1.16 0.00 | 22.96 1.44 0.00 | 38.51 2.38 0.00 | 33.56 2.14 0.00 | 53.50 3.40 0.00 | 22.50 1.63 0.00 | 28.37 1.84 0.00 | 29.16 2.04 0.00 | 28.81 1.92 0.00 | 32.27 1.92 0.00 | 30.24 1.91 0.00 | 28.70 2.04 0.00 | 28.18 2.03 0.00 | 29.73 1.86 0.00 | 32.78 2.11 0.00 | 28.58 2.01 0.00 | 27.16 2.02 0.00 | 27.29 2.03 0.00 | 24.82 1.59 0.00 | 26.87 1.46 0.00 |
| ASHOKAN____ 23654 | 24.19 1.19 0.00 | 25.28 1.18 0.00 | 26.55 1.19 0.00 | 25.54 1.15 0.00 | 19.41 1.00 0.00 | 22.81 1.29 0.00 | 38.64 2.51 0.00 | 33.78 2.36 0.00 | 53.72 3.62 0.00 | 22.20 1.33 0.00 | 27.94 1.41 0.00 | 28.56 1.44 0.00 | 28.34 1.45 0.00 | 31.95 1.59 0.00 | 29.76 1.43 0.00 | 28.20 1.54 0.00 | 28.05 1.90 0.00 | 29.83 1.96 0.00 | 32.88 2.20 0.00 | 28.49 1.92 0.00 | 27.07 1.93 0.00 | 27.18 1.93 0.00 | 24.81 1.57 0.00 | 26.91 1.50 0.00 |

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| ASTORIA_EAST_ENERGY_CC1 323581 | 23.92 0.92 0.00 | 24.90 0.81 0.00 | 26.17 0.81 0.00 | 25.16 0.78 0.00 | 19.27 0.86 0.00 | 22.54 1.03 0.00 | 38.27 2.15 0.01 | 33.41 1.99 0.00 | 53.35 3.25 0.00 | 22.31 1.44 0.00 | 28.27 1.74 0.00 | 29.05 1.93 0.00 | 28.68 1.80 0.00 | 32.34 1.98 0.00 | 30.23 1.91 0.00 | 28.53 1.87 0.00 | 28.06 1.90 0.00 | 29.63 1.76 0.00 | 32.74 2.07 0.00 | 28.24 1.67 0.00 | 26.84 1.70 0.00 | 27.04 1.79 0.00 | 24.71 1.48 0.00 | 26.88 1.48 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 23.92 0.92 0.00 | 24.90 0.81 0.00 | 26.17 0.81 0.00 | 25.16 0.78 0.00 | 19.27 0.86 0.00 | 22.54 1.03 0.00 | 38.27 2.15 0.01 | 33.41 1.99 0.00 | 53.35 3.25 0.00 | 22.31 1.44 0.00 | 28.27 1.74 0.00 | 29.05 1.93 0.00 | 28.68 1.80 0.00 | 32.34 1.98 0.00 | 30.23 1.91 0.00 | 28.53 1.87 0.00 | 28.06 1.90 0.00 | 29.63 1.76 0.00 | 32.74 2.07 0.00 | 28.24 1.67 0.00 | 26.84 1.70 0.00 | 27.04 1.79 0.00 | 24.71 1.48 0.00 | 26.88 1.48 0.00 |
| ASTORIA_GT2_1 24094 | 23.93 0.93 0.00 | 24.92 0.82 0.00 | 26.19 0.83 0.00 | 25.18 0.79 0.00 | 19.28 0.87 0.00 | 22.56 1.04 0.00 | 38.30 2.17 0.01 | 33.43 2.02 0.00 | 53.39 3.29 0.00 | 22.32 1.45 0.00 | 28.29 1.77 0.00 | 29.06 1.94 0.00 | 28.68 1.80 0.00 | 32.35 1.98 0.00 | 30.24 1.92 0.00 | 28.52 1.86 0.00 | 28.06 1.91 0.00 | 29.66 1.78 0.00 | 32.75 2.08 0.00 | 28.26 1.68 0.00 | 26.85 1.71 0.00 | 27.06 1.80 0.00 | 24.72 1.49 0.00 | 26.90 1.50 0.00 |
| ASTORIA_GT2_2 24095 | 23.93 0.93 0.00 | 24.92 0.82 0.00 | 26.19 0.83 0.00 | 25.18 0.79 0.00 | 19.28 0.87 0.00 | 22.56 1.04 0.00 | 38.30 2.17 0.01 | 33.43 2.02 0.00 | 53.39 3.29 0.00 | 22.32 1.45 0.00 | 28.29 1.77 0.00 | 29.06 1.94 0.00 | 28.68 1.80 0.00 | 32.35 1.98 0.00 | 30.24 1.92 0.00 | 28.52 1.86 0.00 | 28.06 1.91 0.00 | 29.66 1.78 0.00 | 32.75 2.08 0.00 | 28.26 1.68 0.00 | 26.85 1.71 0.00 | 27.06 1.80 0.00 | 24.72 1.49 0.00 | 26.90 1.50 0.00 |
| ASTORIA_GT2_3 24096 | 23.93 0.93 0.00 | 24.92 0.82 0.00 | 26.19 0.83 0.00 | 25.18 0.79 0.00 | 19.28 0.87 0.00 | 22.56 1.04 0.00 | 38.30 2.17 0.01 | 33.43 2.02 0.00 | 53.39 3.29 0.00 | 22.32 1.45 0.00 | 28.29 1.77 0.00 | 29.06 1.94 0.00 | 28.68 1.80 0.00 | 32.35 1.98 0.00 | 30.24 1.92 0.00 | 28.52 1.86 0.00 | 28.06 1.91 0.00 | 29.66 1.78 0.00 | 32.75 2.08 0.00 | 28.26 1.68 0.00 | 26.85 1.71 0.00 | 27.06 1.80 0.00 | 24.72 1.49 0.00 | 26.90 1.50 0.00 |
| ASTORIA_GT2_4 24097 | 23.93 0.93 0.00 | 24.92 0.82 0.00 | 26.19 0.83 0.00 | 25.18 0.79 0.00 | 19.28 0.87 0.00 | 22.56 1.04 0.00 | 38.30 2.17 0.01 | 33.43 2.02 0.00 | 53.39 3.29 0.00 | 22.32 1.45 0.00 | 28.29 1.77 0.00 | 29.06 1.94 0.00 | 28.68 1.80 0.00 | 32.35 1.98 0.00 | 30.24 1.92 0.00 | 28.52 1.86 0.00 | 28.06 1.91 0.00 | 29.66 1.78 0.00 | 32.75 2.08 0.00 | 28.26 1.68 0.00 | 26.85 1.71 0.00 | 27.06 1.80 0.00 | 24.72 1.49 0.00 | 26.90 1.50 0.00 |
| ASTORIA_GT3_1 24098 | 23.93 0.93 0.00 | 24.92 0.82 0.00 | 26.19 0.83 0.00 | 25.18 0.79 0.00 | 19.28 0.87 0.00 | 22.56 1.04 0.00 | 38.30 2.17 0.01 | 33.43 2.02 0.00 | 53.39 3.29 0.00 | 22.32 1.45 0.00 | 28.29 1.77 0.00 | 29.06 1.94 0.00 | 28.68 1.80 0.00 | 32.35 1.98 0.00 | 30.24 1.92 0.00 | 28.52 1.86 0.00 | 28.06 1.91 0.00 | 29.66 1.78 0.00 | 32.75 2.08 0.00 | 28.26 1.68 0.00 | 26.85 1.71 0.00 | 27.06 1.80 0.00 | 24.72 1.49 0.00 | 26.90 1.50 0.00 |
| ASTORIA_GT3_2 24099 | 23.93 0.93 0.00 | 24.92 0.82 0.00 | 26.19 0.83 0.00 | 25.18 0.79 0.00 | 19.28 0.87 0.00 | 22.56 1.04 0.00 | 38.30 2.17 0.01 | 33.43 2.02 0.00 | 53.39 3.29 0.00 | 22.32 1.45 0.00</ | | | | | | | | | | | | | | |

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| ASTORIA_GT_10 24110 | 23.98 0.99 0.00 | 24.96 0.87 0.00 | 26.23 0.87 0.00 | 25.24 0.85 0.00 | 19.32 0.91 0.00 | 22.65 1.13 0.00 | 38.31 2.17 0.00 | 33.42 2.00 0.00 | 53.34 3.24 0.00 | 22.30 1.43 0.00 | 28.26 1.74 0.00 | 29.06 1.94 0.00 | 28.70 1.82 0.00 | 32.34 1.98 0.00 | 30.22 1.90 0.00 | 28.53 1.87 0.00 | 28.06 1.91 0.00 | 29.66 1.78 0.00 | 32.75 2.08 0.00 | 28.30 1.73 0.00 | 26.88 1.74 0.00 | 27.07 1.81 0.00 | 24.75 1.52 0.00 | 26.92 1.52 0.00 |
| ASTORIA_GT_11 24225 | 23.98 0.99 0.00 | 24.96 0.87 0.00 | 26.23 0.87 0.00 | 25.24 0.85 0.00 | 19.32 0.91 0.00 | 22.65 1.13 0.00 | 38.31 2.17 0.00 | 33.42 2.00 0.00 | 53.34 3.24 0.00 | 22.30 1.43 0.00 | 28.26 1.74 0.00 | 29.06 1.94 0.00 | 28.70 1.82 0.00 | 32.34 1.98 0.00 | 30.22 1.90 0.00 | 28.53 1.87 0.00 | 28.06 1.91 0.00 | 29.66 1.78 0.00 | 32.75 2.08 0.00 | 28.30 1.73 0.00 | 26.88 1.74 0.00 | 27.07 1.81 0.00 | 24.75 1.52 0.00 | 26.92 1.52 0.00 |
| ASTORIA_GT_12 24226 | 23.98 0.99 0.00 | 24.96 0.87 0.00 | 26.23 0.87 0.00 | 25.24 0.85 0.00 | 19.32 0.91 0.00 | 22.65 1.13 0.00 | 38.31 2.17 0.00 | 33.42 2.00 0.00 | 53.34 3.24 0.00 | 22.30 1.43 0.00 | 28.26 1.74 0.00 | 29.06 1.94 0.00 | 28.70 1.82 0.00 | 32.34 1.98 0.00 | 30.22 1.90 0.00 | 28.53 1.87 0.00 | 28.06 1.91 0.00 | 29.66 1.78 0.00 | 32.75 2.08 0.00 | 28.30 1.73 0.00 | 26.88 1.74 0.00 | 27.07 1.81 0.00 | 24.75 1.52 0.00 | 26.92 1.52 0.00 |
| ASTORIA_GT_13 24227 | 23.98 0.99 0.00 | 24.96 0.87 0.00 | 26.23 0.87 0.00 | 25.24 0.85 0.00 | 19.32 0.91 0.00 | 22.65 1.13 0.00 | 38.31 2.17 0.00 | 33.42 2.00 0.00 | 53.34 3.24 0.00 | 22.30 1.43 0.00 | 28.26 1.74 0.00 | 29.06 1.94 0.00 | 28.70 1.82 0.00 | 32.34 1.98 0.00 | 30.22 1.90 0.00 | 28.53 1.87 0.00 | 28.06 1.91 0.00 | 29.66 1.78 0.00 | 32.75 2.08 0.00 | 28.30 1.73 0.00 | 26.88 1.74 0.00 | 27.07 1.81 0.00 | 24.75 1.52 0.00 | 26.92 1.52 0.00 |
| ASTORIA_GT_5 24106 | 23.97 0.97 0.00 | 24.96 0.86 0.00 | 26.23 0.87 0.00 | 25.22 0.83 0.00 | 19.31 0.90 0.00 | 22.60 1.08 0.00 | 38.37 2.25 0.01 | 33.49 2.08 0.00 | 53.50 3.39 0.00 | 22.37 1.50 0.00 | 28.34 1.81 0.00 | 29.13 2.01 0.00 | 28.75 1.87 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.60 1.94 0.00 | 28.12 1.97 0.00 | 29.71 1.84 0.00 | 32.82 2.15 0.00 | 28.32 1.75 0.00 | 26.92 1.78 0.00 | 27.11 1.85 0.00 | 24.77 1.54 0.00 | 26.95 1.54 0.00 |
| ASTORIA_GT_7 24107 | 23.97 0.97 0.00 | 24.96 0.86 0.00 | 26.23 0.87 0.00 | 25.22 0.83 0.00 | 19.31 0.90 0.00 | 22.60 1.08 0.00 | 38.37 2.25 0.01 | 33.49 2.08 0.00 | 53.50 3.39 0.00 | 22.37 1.50 0.00 | 28.34 1.81 0.00 | 29.13 2.01 0.00 | 28.75 1.87 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.60 1.94 0.00 | 28.12 1.97 0.00 | 29.71 1.84 0.00 | 32.82 2.15 0.00 | 28.32 1.75 0.00 | 26.92 1.78 0.00 | 27.11 1.85 0.00 | 24.77 1.54 0.00 | 26.95 1.54 0.00 |
| ASTORIA_GT_8 24108 | 23.97 0.97 0.00 | 24.96 0.86 0.00 | 26.23 0.87 0.00 | 25.22 0.83 0.00 | 19.31 0.90 0.00 | 22.60 1.08 0.00 | 38.38 2.25 0.01 | 33.50 2.08 0.00 | 53.50 3.39 0.00 | 22.36 1.50 0.00 | 28.35 1.82 0.00 | 29.13 2.01 0.00 | 28.74 1.86 0.00 | 32.43 2.06 0.00 | 30.31 1.99 0.00 | 28.58 1.92 0.00 | 28.12 1.97 0.00 | 29.73 1.86 0.00 | 32.82 2.15 0.00 | 28.32 1.74 0.00 | 26.90 1.76 0.00 | 27.11 1.85 0.00 | 24.77 1.54 0.00 | 26.95 1.55 0.00 |
| ASTORIA___2 24149 | 23.93 0.93 0.00 | 24.92 0.82 0.00 | 26.19 0.83 0.00 | 25.18 0.79 0.00 | 19.28 0.87 0.00 | 22.56 1.04 0.00 | 38.30 2.17 0.01 | 33.43 2.01 0.00 | 53.39 3.29 0.00 | 22.32 1.45 0.00 | 28.29 1.76 0.00 | 29.06 1.94 0.00 | 28.69 1.81 0.00 | 32.35 1.98 0.00 | 30.24 1.92 0.00 | 28.54 1.88 0.00 | 28.07 1.91 0.00 | 29.64 1.77 0.00 | 32.76 2.09 0.00 | 28.26 1.68 0.00 | 26.86 1.73 0.00 | 27.06 1.80 0.00 | 24.73 1.49 0.00 | 26.90 1.49 0.00 |
| ASTORIA___3 23516 | 23.98 0.99 0.00 | 24.96 0.87 0.00 | 26.23 0.87 0.00 | 25.24 0.85 0.00 | 19.32 0.91 0.00 | 22.64 1.12 0.00 | 38.30 2.17 0.00 | 33.41 1.99 0.00 | 53.34 3.24 0.00 | 22.31 1.44 0.00 | 28.26 1.73 0.00 | 29.07 1.94 0.00 | 28.70 1.82 0.00 | 32.34 1.98 0.00 | 30.22 1.89 0.00 | 28.54 1.88 0.00 | 28.07 1.91 0.00 | 29.65 1.77 0.00 | 32.75 2.08 0.00 | 28.30 1.73 0.00 | 26.89 1.76 0.00 | 27.07 1.82 0.00 | 24.75 1.52 0.00 | 26.92 1.52 0.00 |
| ASTORIA___4 23517 | 23.98 0.99 0.00 | 24.96 0.87 0.00 | 26.23 0.87 0.00 | 25.24 0.85 0.00 | 19.32 0.91 0.00 | 22.65 1.13 0.00 | 38.31 2.17 0.00 | 33.42 2.00 0.00 | 53.34 3.24 0.00 | 22.30 1.43 0.00 | 28.26 1.74 0.00 | 29.06 1.94 0.00 | 28.70 1.82 0.00 | 32.34 1.98 0.00 | 30.22 1.90 0.00 | 28.53 1.87 0.00 | 28.06 1.91 0.00 | 29.66 1.78 0.00 | 32.75 2.08 0.00 | 28.30 1.73 0.00 | 26.88 1.74 0.00 | 27.07 1.81 0.00 | 24.75 1.52 0.00 | 26.92 1.52 0.00 |
| ASTORIA___5 23518 | 23.98 0.99 0.00 | 24.96 0.87 0.00 | 26.23 0.87 0.00 | 25.24 0.85 0.00 | 19.32 0.90 0.00 | 22.64 1.12 0.00 | 38.30 2.17 0.00 | 33.41 1.99 0.00 | 53.34 3.24 0.00 | 22.31 1.44 0.00 | 28.26 1.73 0.00 | 29.07 1.94 0.00 | 28.70 1.82 0.00 | 32.34 1.98 0.00 | 30.22 1.89 0.00 | 28.54 1.88 0.00 | 28.07 1.91 0.00 | 29.65 1.77 0.00 | 32.75 2.08 0.00 | 28.30 1.73 0.00 | 26.89 1.76 0.00 | 27.07 1.82 0.00 | 24.75 1.52 0.00 | 26.92 1.52 0.00 |
| AST_ENERGY_2_CC3 323677 | 24.07 1.07 0.00 | 25.05 0.95 0.00 | 26.31 0.94 0.00 | 25.33 0.94 0.00 | 19.36 0.95 0.00 | 22.74 1.22 0.00 | 38.41 2.28 0.00 | 33.51 2.09 0.00 | 53.48 3.38 0.00 | 22.30 1.43 0.00 | 28.29 1.76 0.00 | 29.09 1.97 0.00 | 28.74 1.86 0.00 | 32.39 2.02 0.00 | 30.21 1.89 0.00 | 28.50 1.84 0.00 | 28.06 1.90 0.00 | 29.70 1.83 0.00 | 32.80 2.13 0.00 | 28.32 1.74 0.00 | 26.87 1.73 0.00 | 27.03 1.78 0.00 | 24.73 1.50 0.00 | 26.89 1.49 0.00 |
| AST_ENERGY_2_CC4 323678 | 24.07 1.07 0.00 | 25.05 0.95 0.00 | 26.31 0.94 0.00 | 25.33 0.94 0.00 | 19.36 0.95 0.00 | 22.74 1.22 0.00 | 38.41 2.28 0.00 | 33.51 2.09 0.00 | 53.48 3.38 0.00 | 22.30 1.43 0.00 | 28.29 1.76 0.00 | 29.09 1.97 0.00 | 28.74 1.86 0.00 | 32.39 2.02 0.00 | 30.21 1.89 0.00 | 28.50 1.84 0.00 | 28.06 1.90 0.00 | 29.70 1.83 0.00 | 32.80 2.13 0.00 | 28.32 1.74 0.00 | 26.87 1.73 0.00 | 27.03 1.78 0.00 | 24.73 1.50 0.00 | 26.89 1.49 0.00 |
| ATHENS_STG_1 23668 | 23.61 0.61 0.00 | 24.72 0.62 0.00 | 25.99 0.63 0.00 | 25.01 0.62 0.00 | 18.99 0.58 0.00 | 22.21 0.68 0.00 | 37.43 1.30 0.00 | 32.63 1.21 0.00 | 52.04 1.94 0.00 | 21.60 0.73 0.00 | 27.44 0.90 0.00 | 28.12 1.00 0.00 | 27.80 0.91 0.00 | 31.37 1.01 0.00 | 29.29 0.96 0.00 | 27.67 1.01 0.00 | 27.23 1.08 0.00 | 28.91 1.04 0.00 | 31.86 1.19 0.00 | 27.59 1.02 0.00 | 26.16 1.02 0.00 | 26.34 1.09 0.00 | 24.11 0.87 0.00 | 26.23 0.82 0.00 |
| ATHENS_STG_2 23670 | 23.61 0.61 0.00 | 24.72 0.62 0.00 | 25.99 0.63 0.00 | 25.01 0.62 0.00 | 18.99 0.58 0.00 | 22.21 0.68 0.00 | 37.43 1.30 0.00 | 32.63 1.21 0.00 | 52.04 1.94 0.00 | 21.60 0.73 0.00 | 27.44 0.90 0.00 | 28.12 1.00 0.00 | 27.80 0.91 0.00 | 31.37 1.01 0.00 | 29.29 0.96 0.00 | 27.67 1.01 0.00 | 27.23 1.08 0.00 | 28.91 1.04 0.00 | 31.86 1.19 0.00 | 27.59 1.02 0.00 | 26.16 1.02 0.00 | 26.34 1.09 0.00 | 24.11 0.87 0.00 | 26.23 0.82 0.00 |

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| ATHENS_STG_3 23677 | 23.61 0.61 0.00 | 24.72 0.62 0.00 | 25.99 0.63 0.00 | 25.01 0.62 0.00 | 18.99 0.58 0.00 | 22.21 0.68 0.00 | 37.43 1.30 0.00 | 32.63 1.21 0.00 | 52.04 1.94 0.00 | 21.60 0.73 0.00 | 27.44 0.90 0.00 | 28.12 1.00 0.00 | 27.80 0.91 0.00 | 31.37 1.01 0.00 | 29.29 0.96 0.00 | 27.67 1.01 0.00 | 27.23 1.08 0.00 | 28.91 1.04 0.00 | 31.86 1.19 0.00 | 27.59 1.02 0.00 | 26.16 1.02 0.00 | 26.34 1.09 0.00 | 24.11 0.87 0.00 | 26.23 0.82 0.00 |
| AUBURN____LFGE 323710 | 23.36 0.37 0.00 | 24.66 0.56 0.00 | 25.84 0.49 0.00 | 25.00 0.62 0.00 | 18.89 0.48 0.00 | 22.15 0.63 0.00 | 37.37 1.24 0.00 | 32.77 1.35 0.00 | 52.09 1.99 0.00 | 21.54 0.67 0.00 | 27.36 0.83 0.00 | 28.05 0.93 0.00 | 27.90 1.02 0.00 | 31.35 0.99 0.00 | 29.29 0.97 0.00 | 27.53 0.87 0.00 | 26.69 0.53 0.00 | 28.76 0.89 0.00 | 31.97 1.30 0.00 | 27.48 0.90 0.00 | 25.89 0.75 0.00 | 26.07 0.82 0.00 | 23.89 0.65 0.00 | 25.89 0.48 0.00 |
| BABYLON_RES_REC 323704 | 24.30 1.30 0.00 | 25.35 1.26 0.00 | 26.52 1.16 0.00 | 25.42 1.03 0.00 | 19.41 1.00 0.00 | 22.77 1.25 0.00 | 38.52 2.38 0.00 | 33.55 2.13 0.00 | 53.82 3.72 0.00 | 22.34 1.47 0.00 | 28.42 1.89 0.00 | 29.19 2.07 0.00 | 28.72 1.83 0.00 | 32.50 2.14 0.00 | 30.42 2.09 0.00 | 28.65 1.99 0.00 | 28.19 2.04 0.00 | 29.90 2.03 0.00 | 33.24 2.56 0.00 | 28.57 2.00 0.00 | 27.00 1.87 0.00 | 27.31 2.05 0.00 | 24.97 1.74 0.00 | 27.07 1.66 0.00 |
| BABYLON__69_KV_BK2 356345 | 24.54 1.54 0.00 | 25.59 1.49 0.00 | 26.77 1.41 0.00 | 25.64 1.25 0.00 | 19.60 1.19 0.00 | 22.98 1.46 0.00 | 38.94 2.80 0.00 | 33.85 2.44 0.00 | 54.41 4.30 0.00 | 22.56 1.69 0.00 | 28.76 2.23 0.00 | 29.50 2.38 0.00 | 29.02 2.13 0.00 | 32.84 2.48 0.00 | 30.75 2.42 0.00 | 28.93 2.27 0.00 | 28.47 2.31 0.00 | 30.27 2.40 0.00 | 33.66 2.99 0.00 | 28.91 2.33 0.00 | 27.28 2.14 0.00 | 27.59 2.34 0.00 | 25.21 1.98 0.00 | 27.32 1.91 0.00 |
| BALL_HILL_WT_PWR 323825 | 23.11 0.12 0.00 | 24.46 0.37 0.00 | 25.84 0.48 0.00 | 25.05 0.66 0.00 | 18.85 0.44 0.00 | 22.51 0.99 0.00 | 37.20 1.07 0.00 | 32.87 1.45 0.00 | 52.30 2.20 0.00 | 21.73 0.86 0.00 | 28.16 1.63 0.00 | 28.52 1.40 0.00 | 28.42 1.54 0.00 | 32.04 1.68 0.00 | 29.76 1.44 0.00 | 27.52 0.86 0.00 | 26.60 0.45 0.00 | 28.86 0.98 0.00 | 32.05 1.38 0.00 | 27.32 0.75 0.00 | 25.69 0.55 0.00 | 25.73 0.47 0.00 | 23.95 0.71 0.00 | 26.33 0.93 0.00 |
| BARON_WINDS____WT_PWR 323822 | 23.03 0.03 0.00 | 24.42 0.32 0.00 | 25.78 0.42 0.00 | 24.96 0.57 0.00 | 18.81 0.40 0.00 | 22.32 0.80 0.00 | 37.13 1.00 0.00 | 32.77 1.35 0.00 | 52.15 2.05 0.00 | 21.58 0.71 0.00 | 27.81 1.28 0.00 | 28.22 1.10 0.00 | 28.12 1.23 0.00 | 31.70 1.33 0.00 | 29.51 1.19 0.00 | 27.45 0.79 0.00 | 26.70 0.54 0.00 | 28.81 0.93 0.00 | 32.05 1.38 0.00 | 27.50 0.93 0.00 | 25.94 0.80 0.00 | 25.95 0.69 0.00 | 23.95 0.71 0.00 | 26.24 0.84 0.00 |
| BARRETT_IC_1 23704 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |
| BARRETT_IC_10 23701 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |
| BARRETT_IC_11 23702 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |
| BARRETT_IC_12 23703 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |
| BARRETT_IC_2 23705 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |
| BARRETT_IC_3 23706 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |
| BARRETT_IC_4 23707 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |
| BARRETT_IC_5 23708 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |
| BARRETT_IC_6 23709 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |

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|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| BARRETT_IC_7 23710 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.25 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.21 1.68 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.81 0.00 | 28.41 1.75 0.00 | 27.95 1.80 0.00 | 29.47 1.59 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.60 0.00 | 27.10 1.85 0.00 | 24.84 1.60 0.00 | 26.97 1.56 0.00 |
| BARRETT_IC_8 23711 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |
| BARRETT_IC_9 23700 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |
| BARRETT___1 23545 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |
| BARRETT___2 23546 | 24.14 1.15 0.00 | 25.19 1.10 0.00 | 26.41 1.05 0.00 | 25.34 0.95 0.00 | 19.33 0.92 0.00 | 22.70 1.18 0.00 | 38.24 2.11 0.00 | 33.19 1.77 0.00 | 53.11 3.01 0.00 | 22.08 1.21 0.00 | 28.20 1.67 0.00 | 28.97 1.85 0.00 | 28.54 1.66 0.00 | 32.22 1.86 0.00 | 30.14 1.82 0.00 | 28.42 1.76 0.00 | 27.95 1.80 0.00 | 29.45 1.58 0.00 | 32.63 1.96 0.00 | 28.14 1.56 0.00 | 26.74 1.61 0.00 | 27.10 1.85 0.00 | 24.84 1.61 0.00 | 26.97 1.56 0.00 |
| BATAVIA___115KV_TB1 55881 | 23.20 0.21 0.00 | 24.51 0.41 0.00 | 25.83 0.47 0.00 | 25.00 0.61 0.00 | 18.84 0.43 0.00 | 22.45 0.93 0.00 | 37.03 0.89 0.00 | 32.66 1.25 0.00 | 52.01 1.90 0.00 | 21.65 0.78 0.00 | 27.82 1.29 0.00 | 28.24 1.12 0.00 | 28.24 1.35 0.00 | 31.77 1.41 0.00 | 29.56 1.23 0.00 | 27.40 0.73 0.00 | 26.58 0.43 0.00 | 28.73 0.85 0.00 | 31.77 1.10 0.00 | 27.15 0.58 0.00 | 25.62 0.49 0.00 | 25.52 0.27 0.00 | 23.80 0.57 0.00 | 26.19 0.78 0.00 |
| BAYONEEC___CTG1 323682 | 24.07 1.08 0.00 | 25.06 0.96 0.00 | 26.31 0.95 0.00 | 25.33 0.95 0.00 | 19.37 0.95 0.00 | 22.74 1.22 0.00 | 38.43 2.30 0.00 | 33.53 2.11 0.00 | 53.52 3.42 0.00 | 22.32 1.45 0.00 | 28.32 1.79 0.00 | 29.12 2.00 0.00 | 28.76 1.88 0.00 | 32.43 2.07 0.00 | 30.27 1.94 0.00 | 28.57 1.91 0.00 | 28.12 1.97 0.00 | 29.78 1.91 0.00 | 32.89 2.21 0.00 | 28.40 1.82 0.00 | 26.93 1.79 0.00 | 27.10 1.85 0.00 | 24.78 1.55 0.00 | 26.94 1.53 0.00 |
| BAYONEEC___CTG10 323750 | 24.07 1.08 0.00 | 25.06 0.96 0.00 | 26.31 0.95 0.00 | 25.33 0.95 0.00 | 19.37 0.95 0.00 | 22.74 1.22 0.00 | 38.43 2.30 0.00 | 33.53 2.11 0.00 | 53.52 3.42 0.00 | 22.32 1.45 0.00 | | | | | | | | | | | | | | |

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|-----------------------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|
| BAYONEEC___CTG9 323749 | 24.07 1.08 0.00 | 25.06 0.96 0.00 | 26.31 0.95 0.00 | 25.33 0.95 0.00 | 19.37 0.95 0.00 | 22.74 1.22 0.00 | 38.43 2.30 0.00 | 33.53 2.11 0.00 | 53.52 3.42 0.00 | 22.32 1.45 0.00 | 28.32 1.79 0.00 | 29.12 2.00 0.00 | 28.76 1.88 0.00 | 32.43 2.07 0.00 | 30.27 1.94 0.00 | 28.57 1.91 0.00 | 28.12 1.97 0.00 | 29.78 1.91 0.00 | 32.89 2.21 0.00 | 28.40 1.82 0.00 | 26.93 1.79 0.00 | 27.10 1.85 0.00 | 24.78 1.55 0.00 | 26.94 1.53 0.00 |
| BEACON___LESR 323632 | 23.58 0.58 0.00 | 24.64 0.54 0.00 | 25.93 0.57 0.00 | 24.90 0.51 0.00 | 18.94 0.52 0.00 | 22.18 0.66 0.00 | 37.68 1.54 0.00 | 32.71 1.30 0.00 | 52.00 1.90 0.00 | 21.46 0.59 0.00 | 27.29 0.76 0.00 | 27.89 0.77 0.00 | 27.61 0.72 0.00 | 31.18 0.82 0.00 | 29.14 0.81 0.00 | 27.55 0.89 0.00 | 27.14 0.99 0.00 | 28.83 0.95 0.00 | 31.76 1.09 0.00 | 27.57 0.99 0.00 | 26.17 1.04 0.00 | 26.36 1.11 0.00 | 23.98 0.74 0.00 | 26.13 0.73 0.00 |
| BEAVER RIVER___HYD 24048 | 23.27 0.27 0.00 | 24.33 0.23 0.00 | 25.61 0.25 0.00 | 24.67 0.28 0.00 | 18.62 0.21 0.00 | 21.83 0.31 0.00 | 36.83 0.70 0.00 | 32.00 0.58 0.00 | 50.92 0.82 0.00 | 20.95 0.08 0.00 | 26.36 -0.17 0.00 | 26.86 -0.26 0.00 | 26.82 -0.07 0.00 | 30.45 0.09 0.00 | 28.42 0.09 0.00 | 26.81 0.14 0.00 | 26.38 0.23 0.00 | 28.18 0.31 0.00 | 30.93 0.25 0.00 | 26.80 0.23 0.00 | 25.24 0.10 0.00 | 25.26 0.00 0.00 | 23.37 0.14 0.00 | 25.72 0.31 0.00 |
| BEEBEE_GT_13 23619 | 22.95 -0.04 0.00 | 24.19 0.09 0.00 | 25.48 0.12 0.00 | 24.61 0.22 0.00 | 18.54 0.12 0.00 | 21.94 0.42 0.00 | 36.41 0.28 0.00 | 32.04 0.62 0.00 | 51.06 0.96 0.00 | 21.24 0.37 0.00 | 27.18 0.65 0.00 | 27.68 0.56 0.00 | 27.60 0.72 0.00 | 31.13 0.77 0.00 | 28.96 0.63 0.00 | 26.97 0.31 0.00 | 26.20 0.05 0.00 | 28.28 0.40 0.00 | 31.22 0.54 0.00 | 26.78 0.20 0.00 | 25.23 0.09 0.00 | 25.22 -0.03 0.00 | 23.36 0.13 0.00 | 25.61 0.20 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 24.19 1.19 0.00 | 25.17 1.08 0.00 | 26.44 1.08 0.00 | 25.44 1.06 0.00 | 19.47 1.06 0.00 | 22.85 1.33 0.00 | 38.62 2.48 0.00 | 33.71 2.29 0.00 | 53.80 3.70 0.00 | 22.52 1.65 0.00 | 28.49 1.96 0.00 | 29.30 2.18 0.00 | 28.93 2.04 0.00 | 32.58 2.22 0.00 | 30.47 2.14 0.00 | 28.78 2.12 0.00 | 28.31 2.15 0.00 | 29.90 2.03 0.00 | 33.02 2.35 0.00 | 28.60 2.02 0.00 | 27.14 2.00 0.00 | 27.34 2.08 0.00 | 24.95 1.72 0.00 | 27.08 1.67 0.00 |
| BETHLEHEM___GRP 23843 | 23.22 0.23 0.00 | 24.29 0.19 0.00 | 25.53 0.17 0.00 | 24.52 0.13 0.00 | 18.63 0.22 0.00 | 21.82 0.30 0.00 | 36.85 0.72 0.00 | 32.04 0.62 0.00 | 51.00 0.89 0.00 | 21.08 0.21 0.00 | 26.73 0.20 0.00 | 27.37 0.25 0.00 | 27.08 0.20 0.00 | 30.53 0.17 0.00 | 28.52 0.19 0.00 | 27.00 0.34 0.00 | 26.62 0.47 0.00 | 28.24 0.37 0.00 | 31.06 0.39 0.00 | 26.96 0.39 0.00 | 25.58 0.44 0.00 | 25.81 0.56 0.00 | 23.57 0.33 0.00 | 25.59 0.19 0.00 |
| BETHLEHEM___GS1 323560 | 23.22 0.23 0.00 | 24.29 0.19 0.00 | 25.53 0.17 0.00 | 24.52 0.13 0.00 | 18.63 0.22 0.00 | 21.82 0.30 0.00 | 36.85 0.71 0.00 | 32.03 0.62 0.00 | 51.00 0.89 0.00 | 21.08 0.21 0.00 | 26.72 0.19 0.00 | 27.37 0.25 0.00 | 27.08 0.20 0.00 | 30.53 0.17 0.00 | 28.52 0.19 0.00 | 26.99 0.33 0.00 | 26.62 0.47 0.00 | 28.24 0.36 0.00 | 31.06 0.39 0.00 | 26.97 0.39 0.00 | 25.59 0.45 0.00 | 25.81 0.56 0.00 | 23.57 0.33 0.00 | 25.59 0.19 0.00 |
| BETHLEHEM___GS2 323561 | 23.22 0.23 0.00 | 24.29 0.19 0.00 | 25.53 0.17 0.00 | 24.52 0.13 0.00 | 18.63 0.22 0.00 | 21.82 0.30 0.00 | 36.85 0.71 0.00 | 32.03 0.62 0.00 | 51.00 0.89 0.00 | 21.08 0.21 0.00 | 26.72 0.19 0.00 | 27.37 0.25 0.00 | 27.08 0.20 0.00 | 30.53 0.17 0.00 | 28.52 0.19 0.00 | 26.99 0.33 0.00 | 26.62 0.47 0.00 | 28.24 0.36 0.00 | 31.06 0.39 0.00 | 26.97 0.39 0.00 | 25.59 0.45 0.00 | 25.81 0.56 0.00 | 23.57 0.33 0.00 | 25.59 0.19 0.00 |
| BETHLEHEM___GS3 323562 | 23.22 0.23 0.00 | 24.29 0.19 0.00 | 25.53 0.17 0.00 | 24.52 0.13 0.00 | 18.63 0.22 0.00 | 21.82 0.30 0.00 | 36.85 0.71 0.00 | 32.03 0.62 0.00 | 51.00 0.89 0.00 | 21.08 0.21 0.00 | 26.72 0.19 0.00 | 27.37 0.25 0.00 | 27.08 0.20 0.00 | 30.53 0.17 0.00 | 28.52 0.19 0.00 | 26.99 0.33 0.00 | 26.62 0.47 0.00 | 28.24 0.36 0.00 | 31.06 0.39 0.00 | 26.97 0.39 0.00 | 25.59 0.45 0.00 | 25.81 0.56 0.00 | 23.57 0.33 0.00 | 25.59 0.19 0.00 |
| BETHLEHEM___STEEL 23779 | 23.03 0.03 0.00 | 24.36 0.27 0.00 | 25.71 0.35 0.00 | 24.93 0.54 0.00 | 18.76 0.34 0.00 | 22.37 0.85 0.00 | 36.84 0.71 0.00 | 32.53 1.11 0.00 | 51.83 1.73 0.00 | 21.61 0.74 0.00 | 27.94 1.41 0.00 | 28.32 1.20 0.00 | 28.27 1.39 0.00 | 31.84 1.49 0.00 | 29.55 1.22 0.00 | 27.31 0.65 0.00 | 26.40 0.25 0.00 | 28.61 0.74 0.00 | 31.71 1.04 0.00 | 27.07 0.49 0.00 | 25.51 0.37 0.00 | 25.45 0.19 0.00 | 23.71 0.48 0.00 | 26.08 0.68 0.00 |
| BETHLHEM_115KV_TB1 79974 | 23.30 0.31 0.00 | 24.37 0.27 0.00 | 25.62 0.26 0.00 | 24.61 0.22 0.00 | 18.70 0.28 0.00 | 21.89 0.37 0.00 | 36.96 0.82 0.00 | 32.15 0.73 0.00 | 51.20 1.10 0.00 | 21.18 0.31 0.00 | 26.84 0.31 0.00 | 27.50 0.38 0.00 | 27.21 0.33 0.00 | 30.68 0.32 0.00 | 28.65 0.33 0.00 | 27.11 0.45 0.00 | 26.73 0.58 0.00 | 28.37 0.50 0.00 | 31.21 0.54 0.00 | 27.08 0.50 0.00 | 25.69 0.55 0.00 | 25.90 0.65 0.00 | 23.67 0.43 0.00 | 25.72 0.31 0.00 |
| BETHPAGE_CC_5 323564 | 24.22 1.22 0.00 | 25.26 1.16 0.00 | 26.46 1.10 0.00 | 25.37 0.98 0.00 | 19.33 0.92 0.00 | 22.68 1.15 0.00 | 38.29 2.16 0.00 | 33.32 1.90 0.00 | 53.39 3.28 0.00 | 22.20 1.33 0.00 | 28.27 1.74 0.00 | 29.04 1.92 0.00 | 28.60 1.72 0.00 | 32.36 2.00 0.00 | 30.27 1.95 0.00 | 28.51 1.85 0.00 | 28.04 1.89 0.00 | 29.68 1.81 0.00 | 32.94 2.27 0.00 | 28.36 1.78 0.00 | 26.83 1.70 0.00 | 27.15 1.90 0.00 | 24.90 1.66 0.00 | 27.02 1.61 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 23.14 0.14 0.00 | 24.48 0.38 0.00 | 25.83 0.47 0.00 | 25.03 0.64 0.00 | 18.83 0.42 0.00 | 22.46 0.94 0.00 | 37.02 0.89 0.00 | 32.70 1.28 0.00 | 52.09 1.99 0.00 | 21.71 0.84 0.00 | 28.07 1.54 0.00 | 28.46 1.34 0.00 | 28.41 1.53 0.00 | 32.00 1.64 0.00 | 29.69 1.37 0.00 | 27.45 0.79 0.00 | 26.55 0.39 0.00 | 28.76 0.89 0.00 | 31.88 1.21 0.00 | 27.21 0.64 0.00 | 25.65 0.51 0.00 | 25.58 0.33 0.00 | 23.82 0.59 0.00 | 26.20 0.79 0.00 |
| BINGHAMTON___COGEN 23790 | 23.32 0.32 0.00 | 24.54 0.44 0.00 | 25.83 0.48 0.00 | 24.91 0.52 0.00 | 18.81 0.40 0.00 | 22.13 0.61 0.00 | 37.14 1.00 0.00 | 32.52 1.10 0.00 | 51.86 1.76 0.00 | 21.47 0.60 0.00 | 27.45 0.92 0.00 | 27.97 0.85 0.00 | 27.80 0.91 0.00 | 31.35 0.99 0.00 | 29.27 0.95 0.00 | 27.43 0.77 0.00 | 26.80 0.65 0.00 | 28.68 0.80 0.00 | 31.83 1.16 0.00 | 27.43 0.86 0.00 | 25.93 0.79 0.00 | 26.00 0.75 0.00 | 23.91 0.68 0.00 | 26.10 0.69 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 23.67 0.68 0.00 | 25.07 0.97 0.00 | 26.45 1.09 0.00 | 25.63 1.24 0.00 | 19.29 0.88 0.00 | 23.00 1.48 0.00 | 38.07 1.93 0.00 | 33.63 2.21 0.00 | 53.52 3.41 0.00 | 22.27 1.40 0.00 | 28.75 2.22 0.00 | 29.17 2.05 0.00 | 29.12 2.23 0.00 | 32.85 2.49 0.00 | 30.37 2.05 0.00 | 28.08 1.42 0.00 | 27.28 1.13 0.00 | 29.45 1.57 0.00 | 32.65 1.98 0.00 | 27.90 1.33 0.00 | 26.32 1.18 0.00 | 26.25 1.00 0.00 | 24.32 1.09 0.00 | 26.79 1.39 0.00 |

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| BLACK RIVER___HYD 24047 | 23.41 0.42 0.00 | 24.47 0.37 0.00 | 25.75 0.39 0.00 | 24.82 0.43 0.00 | 18.76 0.35 0.00 | 22.06 0.54 0.00 | 37.23 1.10 0.00 | 32.42 1.00 0.00 | 51.49 1.39 0.00 | 21.09 0.22 0.00 | 26.38 -0.15 0.00 | 26.93 -0.19 0.00 | 26.97 0.08 0.00 | 30.62 0.26 0.00 | 28.56 0.23 0.00 | 26.92 0.26 0.00 | 26.50 0.35 0.00 | 28.39 0.52 0.00 | 31.21 0.54 0.00 | 27.03 0.46 0.00 | 25.45 0.32 0.00 | 25.45 0.19 0.00 | 23.51 0.27 0.00 | 25.81 0.40 0.00 |
| BLACKRVR_115KV_TB2 79977 | 23.41 0.42 0.00 | 24.47 0.37 0.00 | 25.75 0.39 0.00 | 24.82 0.43 0.00 | 18.76 0.35 0.00 | 22.06 0.53 0.00 | 37.22 1.09 0.00 | 32.41 0.99 0.00 | 51.49 1.39 0.00 | 21.10 0.23 0.00 | 26.37 -0.16 0.00 | 26.93 -0.19 0.00 | 26.96 0.08 0.00 | 30.62 0.26 0.00 | 28.56 0.23 0.00 | 26.92 0.26 0.00 | 26.50 0.35 0.00 | 28.38 0.51 0.00 | 31.21 0.54 0.00 | 27.03 0.46 0.00 | 25.46 0.32 0.00 | 25.45 0.19 0.00 | 23.51 0.27 0.00 | 25.81 0.40 0.00 |
| BLISS_WT_PWR 323608 | 23.69 0.69 0.00 | 25.09 0.99 0.00 | 26.48 1.12 0.00 | 25.65 1.26 0.00 | 19.31 0.90 0.00 | 23.03 1.51 0.00 | 38.15 2.01 0.00 | 33.72 2.30 0.00 | 53.63 3.53 0.00 | 22.29 1.42 0.00 | 28.83 2.30 0.00 | 29.24 2.12 0.00 | 29.18 2.29 0.00 | 32.91 2.55 0.00 | 30.42 2.09 0.00 | 28.08 1.42 0.00 | 27.32 1.17 0.00 | 29.53 1.66 0.00 | 32.71 2.04 0.00 | 27.94 1.37 0.00 | 26.31 1.18 0.00 | 26.29 1.04 0.00 | 24.33 1.09 0.00 | 26.81 1.41 0.00 |
| BLUESTONE___WT_PWR 323821 | 23.99 0.99 0.00 | 25.24 1.14 0.00 | 26.56 1.20 0.00 | 25.77 1.39 0.00 | 19.54 1.13 0.00 | 23.06 1.54 0.00 | 38.93 2.80 0.00 | 34.27 2.85 0.00 | 55.35 5.24 0.00 | 22.79 1.92 0.00 | 29.06 2.53 0.00 | 29.68 2.56 0.00 | 29.66 2.78 0.00 | 33.43 3.07 0.00 | 31.26 2.93 0.00 | 29.33 2.68 0.00 | 28.78 2.63 0.00 | 30.82 2.95 0.00 | 34.11 3.44 0.00 | 29.41 2.84 0.00 | 27.83 2.69 0.00 | 27.80 2.54 0.00 | 25.54 2.31 0.00 | 27.79 2.38 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 23.63 0.64 0.00 | 24.75 0.66 0.00 | 26.02 0.66 0.00 | 25.02 0.63 0.00 | 18.99 0.57 0.00 | 22.22 0.70 0.00 | 37.50 1.37 0.00 | 32.66 1.24 0.00 | 52.01 1.91 0.00 | 21.52 0.65 0.00 | 27.29 0.76 0.00 | 27.95 0.83 0.00 | 27.66 0.78 0.00 | 31.17 0.81 0.00 | 29.10 0.78 0.00 | 27.53 0.87 0.00 | 27.15 1.00 0.00 | 28.84 0.97 0.00 | 31.73 1.06 0.00 | 27.52 0.95 0.00 | 26.09 0.95 0.00 | 26.30 1.05 0.00 | 24.07 0.84 0.00 | 26.18 0.77 0.00 |
| BOC_GAS_DRP 24189 | 23.48 0.48 0.00 | 24.58 0.49 0.00 | 25.85 0.49 0.00 | 24.85 0.46 0.00 | 18.86 0.45 0.00 | 22.06 0.54 0.00 | 37.20 1.07 0.00 | 32.42 1.01 0.00 | 51.72 1.61 0.00 | 21.45 0.57 0.00 | 27.22 0.69 0.00 | 27.88 0.76 0.00 | 27.57 0.68 0.00 | 31.10 0.74 0.00 | 29.03 0.71 0.00 | 27.44 0.77 0.00 | 27.03 0.87 0.00 | 28.70 0.82 0.00 | 31.59 0.92 0.00 | 27.39 0.81 0.00 | 25.96 0.82 0.00 | 26.16 0.90 0.00 | 23.94 0.71 0.00 | 26.06 0.66 0.00 |
| BOONVILLE_115KV_TB1 79983 | 23.54 0.54 0.00 | 24.66 0.56 0.00 | 25.94 0.58 0.00 | 24.96 0.57 0.00 | 18.87 0.45 0.00 | 22.16 0.63 0.00 | 37.23 1.10 0.00 | 32.41 0.98 0.00 | 51.65 1.55 0.00 | 21.36 0.49 0.00 | 27.03 0.50 0.00 | 27.52 0.39 0.00 | 27.33 0.44 0.00 | 31.05 0.68 0.00 | 29.00 0.67 0.00 | 27.34 0.68 0.00 | 26.97 0.82 0.00 | 28.67 0.80 0.00 | 31.51 0.83 0.00 | 27.29 0.71 0.00 | 25.82 0.68 0.00 | 25.80 0.55 0.00 | 23.77 0.54 0.00 | 26.08 0.67 0.00 |
| BORALEX_4TH_BRANCH 23824 | 24.38 1.39 0.00 | 25.40 1.30 0.00 | 26.70 1.34 0.00 | 25.56 1.17 0.00 | 19.41 1.00 0.00 | 22.70 1.17 0.00 | 38.50 2.36 0.00 | 33.57 2.15 0.00 | 53.48 3.38 0.00 | 21.91 1.04 0.00 | 28.03 1.50 0.00 | 28.64 1.52 0.00 | 28.21 1.33 0.00 | 31.81 1.45 0.00 | 29.71 1.38 0.00 | 28.03 1.37 0.00 | 27.55 1.40 0.00 | 29.28 1.40 0.00 | 32.10 1.43 0.00 | 27.93 1.36 0.00 | 26.82 1.68 0.00 | 27.13 1.88 0.00 | 24.82 1.58 0.00 | 27.17 1.76 0.00 |
| BOWLINE___1 23526 | 23.62 0.63 0.00 | 24.65 0.56 0.00 | 25.88 0.52 0.00 | 24.94 0.55 0.00 | 19.02 0.61 0.00 | 22.35 0.83 0.00 | 37.74 1.61 0.00 | 32.95 1.53 0.00 | 52.59 2.49 0.00 | 21.85 0.98 0.00 | 27.71 1.18 0.00 | 28.48 1.36 0.00 | 28.15 1.27 0.00 | 31.79 1.42 0.00 | 29.69 1.37 0.00 | 28.00 1.34 0.00 | 27.50 1.35 0.00 | 29.21 1.34 0.00 | 32.28 1.61 0.00 | 27.89 1.32 0.00 | 26.42 1.28 0.00 | 26.60 1.35 0.00 | 24.32 1.09 0.00 | 26.46 1.06 0.00 |
| BOWLINE___2 23595 | 23.66 0.67 0.00 | 24.69 0.60 0.00 | 25.93 0.57 0.00 | 24.98 0.60 0.00 | 19.05 0.64 0.00 | 22.39 0.87 0.00 | 37.81 1.68 0.00 | 33.01 1.59 0.00 | 52.69 2.59 0.00 | 21.89 1.02 0.00 | 27.76 1.24 0.00 | 28.54 1.41 0.00 | 28.20 1.32 0.00 | 31.84 1.48 0.00 | 29.75 1.42 0.00 | 28.05 1.39 0.00 | 27.55 1.40 0.00 | 29.26 1.39 0.00 | 32.34 1.67 0.00 | 27.95 1.37 0.00 | 26.47 1.33 0.00 | 26.65 1.40 0.00 | 24.37 1.14 0.00 | 26.51 1.11 0.00 |
| BRADY___115KV_TB2 356060 | 23.87 0.88 0.00 | 24.98 0.88 0.00 | 26.32 0.97 0.00 | 25.32 0.93 0.00 | 18.97 0.56 0.00 | 22.04 0.52 0.00 | 37.19 1.06 0.00 | 32.07 0.65 0.00 | 51.03 0.93 0.00 | 20.96 0.09 0.00 | 26.48 -0.05 0.00 | 27.00 -0.12 0.00 | 26.88 -0.01 0.00 | 30.31 -0.05 0.00 | 28.27 -0.06 0.00 | 26.50 -0.16 0.00 | 26.02 -0.14 0.00 | 27.77 -0.11 0.00 | 30.48 -0.19 0.00 | 26.50 -0.08 0.00 | 25.01 -0.13 0.00 | 25.10 -0.15 0.00 | 23.31 0.08 0.00 | 25.72 0.31 0.00 |
| BRANSCOMB___SOLAR 323811 | 24.07 1.08 0.00 | 25.14 1.04 0.00 | 26.37 1.02 0.00 | 25.24 0.85 0.00 | 19.11 0.70 0.00 | 22.38 0.86 0.00 | 37.93 1.79 0.00 | 33.20 1.78 0.00 | 52.90 2.79 0.00 | 21.71 0.84 0.00 | 27.54 1.01 0.00 | 28.18 1.06 0.00 | 27.86 0.98 0.00 | 31.46 1.10 0.00 | 29.40 1.07 0.00 | 27.83 1.17 0.00 | 27.46 1.30 0.00 | 29.24 1.36 0.00 | 32.11 1.44 0.00 | 27.89 1.32 0.00 | 26.45 1.31 0.00 | 26.70 1.45 0.00 | 24.38 1.15 0.00 | 26.47 1.07 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 24.46 1.46 0.00 | 25.51 1.42 0.00 | 26.70 1.34 0.00 | 25.55 1.16 0.00 | 19.55 1.13 0.00 | 22.92 1.40 0.00 | 38.79 2.66 0.00 | 33.71 2.29 0.00 | 54.15 4.04 0.00 | 22.46 1.59 0.00 | 28.66 2.13 0.00 | 29.41 2.29 0.00 | 28.91 2.03 0.00 | 32.73 2.37 0.00 | 30.63 2.30 0.00 | 28.81 2.14 0.00 | 28.33 2.18 0.00 | 30.13 2.26 0.00 | 33.51 2.84 0.00 | 28.75 2.18 0.00 | 27.12 1.98 0.00 | 27.45 2.19 0.00 | 25.07 1.84 0.00 | 27.20 1.79 0.00 |
| BRISTLHL_115KV_TB1 79998 | 22.82 -0.18 0.00 | 23.95 -0.15 0.00 | 25.20 -0.16 0.00 | 24.25 -0.14 0.00 | 18.28 -0.13 0.00 | 21.37 -0.15 0.00 | 35.70 -0.43 0.00 | 31.13 -0.29 0.00 | 49.57 -0.54 0.00 | 20.65 -0.22 0.00 | 26.26 -0.27 0.00 | 26.79 -0.33 0.00 | 26.59 -0.30 0.00 | 30.04 -0.33 0.00 | 28.00 -0.33 0.00 | 26.27 -0.40 0.00 | 25.76 -0.39 0.00 | 27.48 -0.39 0.00 | 30.29 -0.38 0.00 | 26.17 -0.40 0.00 | 24.78 -0.36 0.00 | 24.84 -0.42 0.00 | 22.90 -0.33 0.00 | 25.05 -0.35 0.00 |
| BROOKHAVEN___DRP 24191 | 24.43 1.43 0.00 | 25.39 1.29 0.00 | 26.50 1.14 0.00 | 25.31 0.93 0.00 | 19.49 1.08 0.00 | 22.78 1.26 0.00 | 38.63 2.50 0.00 | 33.31 1.89 0.00 | 53.89 3.79 0.00 | 22.41 1.54 0.00 | 28.54 2.01 0.00 | 29.31 2.19 0.00 | 28.74 1.86 0.00 | 32.58 2.22 0.00 | 30.46 2.13 0.00 | 28.61 1.95 0.00 | 28.11 1.96 0.00 | 29.99 2.12 0.00 | 33.47 2.80 0.00 | 28.65 2.08 0.00 | 26.94 1.80 0.00 | 27.23 1.98 0.00 | 24.87 1.64 0.00 | 26.98 1.57 0.00 |

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| BROOKLYN_NAVY_YARD 23515 | 24.05 1.06 0.00 | 25.03 0.93 0.00 | 26.31 0.95 0.00 | 25.34 0.95 0.00 | 19.37 0.96 0.00 | 22.76 1.24 0.00 | 38.46 2.33 0.00 | 33.56 2.14 0.00 | 53.54 3.43 0.00 | 22.33 1.46 0.00 | 28.32 1.79 0.00 | 29.11 1.99 0.00 | 28.76 1.88 0.00 | 32.43 2.07 0.00 | 30.28 1.95 0.00 | 28.59 1.93 0.00 | 28.13 1.98 0.00 | 29.80 1.93 0.00 | 32.90 2.23 0.00 | 28.40 1.82 0.00 | 26.93 1.80 0.00 | 27.10 1.84 0.00 | 24.77 1.53 0.00 | 26.94 1.53 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 24.09 1.09 0.00 | 25.08 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.32 0.00 | 33.56 2.14 0.00 | 53.53 3.43 0.00 | 22.41 1.54 0.00 | 28.36 1.83 0.00 | 29.16 2.04 0.00 | 28.78 1.90 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.64 1.98 0.00 | 28.17 2.02 0.00 | 29.74 1.87 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.00 1.86 0.00 | 27.20 1.95 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 24.32 1.33 0.00 | 25.36 1.26 0.00 | 26.58 1.22 0.00 | 25.51 1.12 0.00 | 19.47 1.06 0.00 | 22.87 1.35 0.00 | 38.66 2.53 0.00 | 33.68 2.26 0.00 | 53.92 3.82 0.00 | 22.39 1.52 0.00 | 28.55 2.02 0.00 | 29.32 2.20 0.00 | 28.91 2.03 0.00 | 32.68 2.32 0.00 | 30.56 2.23 0.00 | 28.81 2.15 0.00 | 28.33 2.18 0.00 | 30.01 2.14 0.00 | 33.25 2.57 0.00 | 28.64 2.07 0.00 | 27.13 1.99 0.00 | 27.40 2.14 0.00 | 25.06 1.82 0.00 | 27.17 1.76 0.00 |
| BROOME_2_LFGE 323671 | 23.32 0.32 0.00 | 24.54 0.44 0.00 | 25.83 0.48 0.00 | 24.91 0.52 0.00 | 18.81 0.40 0.00 | 22.13 0.61 0.00 | 37.14 1.00 0.00 | 32.53 1.11 0.00 | 51.86 1.76 0.00 | 21.46 0.59 0.00 | 27.45 0.92 0.00 | 27.97 0.85 0.00 | 27.79 0.91 0.00 | 31.35 0.99 0.00 | 29.27 0.95 0.00 | 27.43 0.76 0.00 | 26.80 0.65 0.00 | 28.68 0.81 0.00 | 31.82 1.15 0.00 | 27.43 0.86 0.00 | 25.92 0.78 0.00 | 26.00 0.75 0.00 | 23.91 0.68 0.00 | 26.10 0.69 0.00 |
| BROOME___LFGE 323600 | 23.32 0.32 0.00 | 24.54 0.44 0.00 | 25.83 0.48 0.00 | 24.91 0.52 0.00 | 18.81 0.40 0.00 | 22.13 0.61 0.00 | 37.14 1.00 0.00 | 32.53 1.11 0.00 | 51.86 1.76 0.00 | 21.46 0.59 0.00 | 27.45 0.92 0.00 | 27.97 0.85 0.00 | 27.79 0.91 0.00 | 31.35 0.99 0.00 | 29.27 0.95 0.00 | 27.43 0.76 0.00 | 26.80 0.65 0.00 | 28.68 0.81 0.00 | 31.82 1.15 0.00 | 27.43 0.86 0.00 | 25.92 0.78 0.00 | 26.00 0.75 0.00 | 23.91 0.68 0.00 | 26.10 0.69 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 23.10 0.11 0.00 | 24.16 0.07 0.00 | 25.45 0.09 0.00 | 24.49 0.10 0.00 | 18.40 -0.01 0.00 | 21.44 -0.08 0.00 | 36.15 0.02 0.00 | 31.28 -0.14 0.00 | 49.80 -0.30 0.00 | 20.60 -0.27 0.00 | 26.03 -0.50 0.00 | 26.55 -0.57 0.00 | 26.44 -0.44 0.00 | 29.96 -0.40 0.00 | 27.94 -0.39 0.00 | 26.34 -0.32 0.00 | 25.87 -0.28 0.00 | 27.62 -0.26 0.00 | 30.31 -0.36 0.00 | 26.30 -0.27 0.00 | 24.79 -0.35 0.00 | 24.90 -0.36 0.00 | 23.13 -0.10 0.00 | 25.52 0.11 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 24.28 1.28 0.00 | 25.27 1.17 0.00 | 26.53 1.17 0.00 | 25.54 1.15 0.00 | 19.52 1.11 0.00 | 22.94 1.41 0.00 | 38.77 2.63 0.00 | 33.87 2.45 0.00 | 54.08 3.97 0.00 | 22.54 1.67 0.00 | 28.61 2.08 0.00 | 29.41 2.29 0.00 | 29.05 2.17 0.00 | 32.76 2.40 0.00 | 30.57 2.25 0.00 | 28.85 2.19 0.00 | 28.40 2.25 0.00 | 30.10 2.22 0.00 | 33.23 2.56 0.00 | 28.70 2.12 0.00 | 27.20 2.06 0.00 | 27.37 2.12 0.00 | 25.02 1.79 0.00 | 27.18 1.77 0.00 |
| BURROWS___LYONSDAL 23803 | 23.48 0.49 0.00 | 24.59 0.49 0.00 | 25.87 0.51 0.00 | 24.91 0.52 0.00 | 18.83 0.41 0.00 | 22.10 0.58 0.00 | 37.18 1.05 0.00 | 32.34 0.92 0.00 | 51.53 1.43 0.00 | 21.29 0.41 0.00 | 26.89 0.36 0.00 | 27.38 0.26 0.00 | 27.23 0.35 0.00 | 30.94 0.58 0.00 | 28.90 0.57 0.00 | 27.25 0.59 0.00 | 26.86 0.71 0.00 | 28.58 0.71 0.00 | 31.40 0.73 0.00 | 27.19 0.62 0.00 | 25.70 0.56 0.00 | 25.68 0.43 0.00 | 23.69 0.46 0.00 | 26.02 0.61 0.00 |
| CAITHNESS_CC_1 323624 | 24.40 1.41 0.00 | 25.37 1.27 0.00 | 26.49 1.13 0.00 | 25.31 0.92 0.00 | 19.48 1.07 0.00 | 22.76 1.24 0.00 | 38.58 2.44 0.00 | 33.31 1.89 0.00 | 53.88 3.78 0.00 | 22.42 1.55 0.00 | 28.50 1.97 0.00 | 29.32 2.20 0.00 | 28.76 1.88 0.00 | 32.57 2.21 0.00 | 30.45 2.12 0.00 | 28.60 1.94 0.00 | 28.09 1.93 0.00 | 29.90 2.03 0.00 | 33.45 2.78 0.00 | 28.65 2.07 0.00 | 26.95 1.82 0.00 | 27.23 1.98 0.00 | 24.87 1.64 0.00 | 26.97 1.56 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 24.24 1.25 0.00 | 25.28 1.19 0.00 | 26.49 1.13 0.00 | 25.39 1.01 0.00 | 19.32 0.91 0.00 | 22.68 1.16 0.00 | 38.31 2.18 0.00 | 33.34 1.92 0.00 | 53.42 3.32 0.00 | 22.19 1.32 0.00 | 28.28 1.75 0.00 | 29.04 1.92 0.00 | 28.60 1.72 0.00 | 32.36 2.00 0.00 | 30.28 1.95 0.00 | 28.52 1.86 0.00 | 28.04 1.89 0.00 | 29.72 1.85 0.00 | 32.96 2.28 0.00 | 28.37 1.79 0.00 | 26.84 1.70 0.00 | 27.17 1.92 0.00 | 24.93 1.69 0.00 | 27.07 1.66 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 24.24 1.25 0.00 | 25.28 1.19 0.00 | 26.49 1.13 0.00 | 25.39 1.01 0.00 | 19.32 0.91 0.00 | 22.68 1.15 0.00 | 38.29 2.16 0.00 | 33.34 1.92 0.00 | 53.42 3.32 0.00 | 22.20 1.33 0.00 | 28.27 1.74 0.00 | 29.04 1.92 0.00 | 28.60 1.72 0.00 | 32.36 2.00 0.00 | 30.28 1.95 0.00 | 28.52 1.86 0.00 | 28.05 1.89 0.00 | 29.70 1.83 0.00 | 32.96 2.28 0.00 | 28.37 1.79 0.00 | 26.86 1.72 0.00 | 27.17 1.92 0.00 | 24.93 1.70 0.00 | 27.07 1.66 0.00 |
| CALPINE_BP_GT1 23823 | 24.24 1.25 0.00 | 25.28 1.19 0.00 | 26.49 1.13 0.00 | 25.39 1.01 0.00 | 19.32 0.91 0.00 | 22.68 1.15 0.00 | 38.29 2.16 0.00 | 33.34 1.92 0.00 | 53.42 3.32 0.00 | 22.20 1.33 0.00 | 28.27 1.74 0.00 | 29.04 1.92 0.00 | 28.60 1.72 0.00 | 32.36 2.00 0.00 | 30.28 1.95 0.00 | 28.52 1.86 0.00 | 28.05 1.89 0.00 | 29.70 1.83 0.00 | 32.96 2.28 0.00 | 28.37 1.79 0.00 | 26.86 1.72 0.00 | 27.17 1.92 0.00 | 24.93 1.70 0.00 | 27.07 1.66 0.00 |
| CALSPAN___DRP 24200 | 23.03 0.03 0.00 | 24.36 0.27 0.00 | 25.71 0.35 0.00 | 24.93 0.54 0.00 | 18.76 0.34 0.00 | 22.37 0.85 0.00 | 36.84 0.71 0.00 | 32.53 1.11 0.00 | 51.83 1.73 0.00 | 21.61 0.74 0.00 | 27.94 1.41 0.00 | 28.32 1.20 0.00 | 28.27 1.39 0.00 | 31.84 1.49 0.00 | 29.55 1.22 0.00 | 27.31 0.65 0.00 | 26.40 0.25 0.00 | 28.61 0.74 0.00 | 31.71 1.04 0.00 | 27.07 0.49 0.00 | 25.51 0.37 0.00 | 25.45 0.19 0.00 | 23.71 0.48 0.00 | 26.08 0.68 0.00 |
| CALVERTON___SOLAR 323806 | 24.47 1.47 0.00 | 25.43 1.33 0.00 | 26.54 1.18 0.00 | 25.35 0.97 0.00 | 19.51 1.10 0.00 | 22.82 1.30 0.00 | 38.67 2.54 0.00 | 33.37 1.95 0.00 | 54.00 3.89 0.00 | 22.47 1.60 0.00 | 28.54 2.01 0.00 | 29.34 2.22 0.00 | 28.77 1.89 0.00 | 32.62 2.26 0.00 | 30.51 2.18 0.00 | 28.66 2.00 0.00 | 28.17 2.02 0.00 | 29.97 2.10 0.00 | 33.54 2.87 0.00 | 28.72 2.14 0.00 | 27.03 1.89 0.00 | 27.28 2.03 0.00 | 24.91 1.68 0.00 | 27.02 1.61 0.00 |
| CANDIGU_WT_PWR 323617 | 23.03 0.03 0.00 | 24.42 0.32 0.00 | 25.78 0.42 0.00 | 24.96 0.57 0.00 | 18.81 0.40 0.00 | 22.32 0.80 0.00 | 37.13 1.00 0.00 | 32.77 1.35 0.00 | 52.15 2.05 0.00 | 21.58 0.71 0.00 | 27.81 1.28 0.00 | 28.22 1.10 0.00 | 28.12 1.23 0.00 | 31.70 1.33 0.00 | 29.51 1.19 0.00 | 27.45 0.79 0.00 | 26.70 0.54 0.00 | 28.81 0.93 0.00 | 32.05 1.38 0.00 | 27.50 0.93 0.00 | 25.94 0.80 0.00 | 25.95 0.69 0.00 | 23.95 0.71 0.00 | 26.24 0.84 0.00 |

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| CARR STREET_E__SYR 24060 | 22.96 -0.03 0.00 | 24.12 0.02 0.00 | 25.38 0.02 0.00 | 24.44 0.05 0.00 | 18.41 0.00 0.00 | 21.52 0.00 0.00 | 35.93 -0.20 0.00 | 31.38 -0.04 0.00 | 50.02 -0.08 0.00 | 20.79 -0.08 0.00 | 26.47 -0.06 0.00 | 27.01 -0.12 0.00 | 26.82 -0.07 0.00 | 30.28 -0.08 0.00 | 28.25 -0.08 0.00 | 26.50 -0.16 0.00 | 25.95 -0.20 0.00 | 27.74 -0.13 0.00 | 30.63 -0.04 0.00 | 26.43 -0.15 0.00 | 24.98 -0.16 0.00 | 25.06 -0.19 0.00 | 23.05 -0.18 0.00 | 25.19 -0.21 0.00 |
| CARTHAGE__PAPER 23857 | 23.47 0.47 0.00 | 24.53 0.43 0.00 | 25.82 0.46 0.00 | 24.87 0.49 0.00 | 18.79 0.38 0.00 | 22.06 0.54 0.00 | 37.24 1.11 0.00 | 32.37 0.95 0.00 | 51.43 1.33 0.00 | 21.11 0.24 0.00 | 26.47 -0.06 0.00 | 26.97 -0.15 0.00 | 26.99 0.10 0.00 | 30.67 0.31 0.00 | 28.62 0.29 0.00 | 27.01 0.35 0.00 | 26.61 0.46 0.00 | 28.45 0.57 0.00 | 31.24 0.56 0.00 | 27.07 0.49 0.00 | 25.50 0.36 0.00 | 25.50 0.24 0.00 | 23.57 0.34 0.00 | 25.92 0.52 0.00 |
| CASSADAGA_WT_PWR 323784 | 23.63 0.64 0.00 | 25.07 0.98 0.00 | 26.51 1.15 0.00 | 25.69 1.30 0.00 | 19.35 0.94 0.00 | 23.13 1.61 0.00 | 38.34 2.21 0.00 | 33.94 2.52 0.00 | 54.06 3.96 0.00 | 22.44 1.57 0.00 | 29.11 2.58 0.00 | 29.40 2.28 0.00 | 29.18 2.30 0.00 | 33.01 2.64 0.00 | 30.67 2.34 0.00 | 28.38 1.72 0.00 | 27.42 1.27 0.00 | 29.72 1.85 0.00 | 33.02 2.35 0.00 | 28.04 1.47 0.00 | 26.41 1.27 0.00 | 26.54 1.28 0.00 | 24.66 1.42 0.00 | 27.12 1.71 0.00 |
| CE_DUNWOOD__DRP 24194 | 23.97 0.98 0.00 | 24.99 0.89 0.00 | 26.25 0.89 0.00 | 25.25 0.86 0.00 | 19.27 0.86 0.00 | 22.63 1.11 0.00 | 38.23 2.10 0.00 | 33.38 1.96 0.00 | 53.27 3.17 0.00 | 22.17 1.30 0.00 | 28.15 1.62 0.00 | 28.92 1.80 0.00 | 28.57 1.68 0.00 | 32.23 1.86 0.00 | 30.09 1.76 0.00 | 28.40 1.74 0.00 | 27.95 1.79 0.00 | 29.65 1.78 0.00 | 32.74 2.07 0.00 | 28.28 1.71 0.00 | 26.80 1.66 0.00 | 26.99 1.74 0.00 | 24.68 1.44 0.00 | 26.81 1.40 0.00 |
| CE_MILLWOOD__DRP 24193 | 23.94 0.94 0.00 | 24.95 0.86 0.00 | 26.21 0.85 0.00 | 25.23 0.84 0.00 | 19.24 0.83 0.00 | 22.60 1.07 0.00 | 38.18 2.05 0.00 | 33.33 1.91 0.00 | 53.20 3.09 0.00 | 22.12 1.25 0.00 | 28.10 1.57 0.00 | 28.86 1.74 0.00 | 28.50 1.62 0.00 | 32.16 1.80 0.00 | 30.03 1.71 0.00 | 28.35 1.69 0.00 | 27.89 1.74 0.00 | 29.59 1.72 0.00 | 32.68 2.01 0.00 | 28.23 1.65 0.00 | 26.75 1.61 0.00 | 26.95 1.69 0.00 | 24.64 1.40 0.00 | 26.77 1.37 0.00 |
| CE_NYC2_DRP 24202 | 24.00 1.01 0.00 | 24.98 0.89 0.00 | 26.25 0.89 0.00 | 25.26 0.87 0.00 | 19.33 0.92 0.00 | 22.67 1.15 0.00 | 38.34 2.21 0.00 | 33.46 2.04 0.00 | 53.41 3.31 0.00 | 22.32 1.46 0.00 | 28.30 1.77 0.00 | 29.09 1.97 0.00 | 28.73 1.84 0.00 | 32.38 2.02 0.00 | 30.26 1.93 0.00 | 28.55 1.89 0.00 | 28.09 1.94 0.00 | 29.69 1.82 0.00 | 32.79 2.12 0.00 | 28.34 1.76 0.00 | 26.91 1.77 0.00 | 27.09 1.84 0.00 | 24.77 1.53 0.00 | 26.94 1.53 0.00 |
| CE_NYC_DRP 24195 | 24.10 1.11 0.00 | 25.09 0.99 0.00 | 26.35 0.99 0.00 | 25.37 0.98 0.00 | 19.39 0.98 0.00 | 22.78 1.26 0.00 | 38.49 2.36 0.00 | 33.60 2.18 0.00 | 53.63 3.52 0.00 | 22.36 1.49 0.00 | 28.38 1.85 0.00 | 29.18 2.06 0.00 | 28.82 1.93 0.00 | 32.49 2.13 0.00 | 30.33 2.00 0.00 | 28.62 1.96 0.00 | 28.17 2.01 0.00 | 29.84 1.97 0.00 | 32.95 2.28 0.00 | 28.44 1.87 0.00 | 26.96 1.82 0.00 | 27.14 1.88 0.00 | 24.81 1.58 0.00 | 26.98 1.57 0.00 |
| CHAFFEE__LFGE 323603 | 23.07 0.08 0.00 | 24.41 0.31 0.00 | 25.74 0.39 0.00 | 24.95 0.56 0.00 | 18.77 0.36 0.00 | 22.40 0.88 0.00 | 36.94 0.81 0.00 | 32.65 1.23 0.00 | 52.03 1.93 0.00 | 21.67 0.80 0.00 | 28.03 1.50 0.00 | 28.41 1.29 0.00 | 28.37 1.49 0.00 | 31.93 1.57 0.00 | 29.63 1.31 0.00 | 27.39 0.73 0.00 | 26.49 0.33 0.00 | 28.76 0.88 0.00 | 31.83 1.16 0.00 | 27.18 0.60 0.00 | 25.56 0.43 0.00 | 25.54 0.29 0.00 | 23.79 0.56 0.00 | 26.14 0.73 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 22.95 -0.05 0.00 | 24.11 0.01 0.00 | 25.44 0.08 0.00 | 24.48 0.09 0.00 | 18.26 -0.16 0.00 | 21.17 -0.35 0.00 | 35.62 -0.51 0.00 | 30.36 -1.06 0.00 | 48.72 -1.39 0.00 | 20.58 -0.29 0.00 | 26.62 0.09 0.00 | 27.20 0.08 0.00 | 26.93 0.05 0.00 | 30.50 0.14 0.00 | 28.43 0.10 0.00 | 26.82 0.16 0.00 | 26.06 -0.10 0.00 | 27.63 -0.25 0.00 | 30.28 -0.39 0.00 | 26.41 -0.17 0.00 | 24.89 -0.25 0.00 | 25.02 -0.24 0.00 | 23.13 -0.11 0.00 | 25.76 0.35 0.00 |
| CHATEAUG_WT_PWR 323614 | 22.89 -0.10 0.00 | 24.05 -0.05 0.00 | 25.37 0.01 0.00 | 24.42 0.03 0.00 | 18.22 -0.19 0.00 | 21.10 -0.43 0.00 | 35.45 -0.68 0.00 | 30.14 -1.28 0.00 | 48.39 -1.72 0.00 | 20.47 -0.40 0.00 | 26.53 0.01 0.00 | 27.15 0.03 0.00 | 26.89 0.00 0.00 | 30.47 0.11 0.00 | 28.40 0.08 0.00 | 26.81 0.15 0.00 | 25.98 -0.17 0.00 | 27.46 -0.41 0.00 | 30.09 -0.58 0.00 | 26.25 -0.32 0.00 | 24.76 -0.38 0.00 | 24.90 -0.35 0.00 | 23.05 -0.19 0.00 | 25.71 0.30 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 22.95 -0.05 0.00 | 24.11 0.01 0.00 | 25.44 0.08 0.00 | 24.48 0.09 0.00 | 18.26 -0.16 0.00 | 21.17 -0.35 0.00 | 35.61 -0.52 0.00 | 30.36 -1.06 0.00 | 48.72 -1.39 0.00 | 20.59 -0.28 0.00 | 26.62 0.08 0.00 | 27.20 0.08 0.00 | 26.94 0.06 0.00 | 30.50 0.14 0.00 | 28.43 0.10 0.00 | 26.82 0.16 0.00 | 26.06 -0.09 0.00 | 27.61 -0.26 0.00 | 30.28 -0.39 0.00 | 26.41 -0.16 0.00 | 24.89 -0.24 0.00 | 25.02 -0.24 0.00 | 23.13 -0.11 0.00 | 25.76 0.35 0.00 |
| CHAUTAUQUA__LFGE 323629 | 23.29 0.30 0.00 | 24.67 0.58 0.00 | 26.06 0.70 0.00 | 25.27 0.88 0.00 | 19.02 0.61 0.00 | 22.74 1.21 0.00 | 37.60 1.47 0.00 | 33.25 1.83 0.00 | 52.94 2.83 0.00 | 21.99 1.12 0.00 | 28.52 1.99 0.00 | 28.86 1.74 0.00 | 28.72 1.84 0.00 | 32.40 2.03 0.00 | 30.11 1.78 0.00 | 27.83 1.17 0.00 | 26.89 0.74 0.00 | 29.19 1.31 0.00 | 32.43 1.76 0.00 | 27.61 1.04 0.00 | 25.97 0.83 0.00 | 26.03 0.78 0.00 | 24.19 0.96 0.00 | 26.61 1.20 0.00 |
| CHERRYST_13_KV_LD 356241 | 24.17 1.17 0.00 | 25.16 1.06 0.00 | 26.42 1.07 0.00 | 25.44 1.05 0.00 | 19.45 1.04 0.00 | 22.85 1.33 0.00 | 38.61 2.48 0.00 | 33.70 2.29 0.00 | 53.80 3.69 0.00 | 22.44 1.57 0.00 | 28.48 1.95 0.00 | 29.29 2.17 0.00 | 28.93 2.05 0.00 | 32.62 2.26 0.00 | 30.44 2.12 0.00 | 28.73 2.07 0.00 | 28.27 2.12 0.00 | 29.96 2.08 0.00 | 33.06 2.40 0.00 | 28.54 1.96 0.00 | 27.05 1.91 0.00 | 27.21 1.96 0.00 | 24.88 1.64 0.00 | 27.05 1.64 0.00 |
| CHESTROR_138KV_BK263 355645 | 23.72 0.73 0.00 | 24.77 0.68 0.00 | 26.02 0.66 0.00 | 25.06 0.67 0.00 | 19.07 0.66 0.00 | 22.38 0.86 0.00 | 37.80 1.67 0.00 | 33.01 1.59 0.00 | 52.64 2.54 0.00 | 21.86 0.98 0.00 | 27.73 1.21 0.00 | 28.46 1.34 0.00 | 28.14 1.26 0.00 | 31.78 1.42 0.00 | 29.71 1.38 0.00 | 28.03 1.36 0.00 | 27.53 1.37 0.00 | 29.26 1.38 0.00 | 32.31 1.64 0.00 | 27.93 1.36 0.00 | 26.44 1.31 0.00 | 26.64 1.38 0.00 | 24.36 1.13 0.00 | 26.50 1.10 0.00 |
| CH_MIDHUDSON__DRP 24192 | 24.00 1.01 0.00 | 25.04 0.94 0.00 | 26.30 0.95 0.00 | 25.31 0.93 0.00 | 19.28 0.87 0.00 | 22.62 1.10 0.00 | 38.24 2.11 0.00 | 33.37 1.96 0.00 | 53.25 3.15 0.00 | 22.11 1.24 0.00 | 28.09 1.55 0.00 | 28.82 1.69 0.00 | 28.44 1.56 0.00 | 32.09 1.73 0.00 | 29.98 1.65 0.00 | 28.33 1.67 0.00 | 27.89 1.74 0.00 | 29.64 1.76 0.00 | 32.70 2.02 0.00 | 28.26 1.69 0.00 | 26.79 1.65 0.00 | 26.98 1.72 0.00 | 24.68 1.44 0.00 | 26.80 1.40 0.00 |

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| CH_MISC_IPPS 23765 | 24.12 1.12 0.00 | 25.16 1.06 0.00 | 26.43 1.07 0.00 | 25.44 1.06 0.00 | 19.38 0.97 0.00 | 22.76 1.24 0.00 | 38.47 2.34 0.00 | 33.59 2.17 0.00 | 53.57 3.47 0.00 | 22.25 1.38 0.00 | 28.23 1.70 0.00 | 28.96 1.84 0.00 | 28.60 1.72 0.00 | 32.31 1.95 0.00 | 30.20 1.88 0.00 | 28.53 1.86 0.00 | 28.08 1.92 0.00 | 29.83 1.95 0.00 | 32.94 2.27 0.00 | 28.46 1.89 0.00 | 26.97 1.83 0.00 | 27.14 1.88 0.00 | 24.81 1.58 0.00 | 26.95 1.55 0.00 |
| CH_RES_BVR_FALLS 23983 | 22.92 -0.08 0.00 | 24.02 -0.08 0.00 | 25.24 -0.12 0.00 | 24.29 -0.09 0.00 | 18.32 -0.09 0.00 | 21.40 -0.12 0.00 | 35.96 -0.17 0.00 | 31.22 -0.20 0.00 | 49.81 -0.29 0.00 | 20.78 -0.09 0.00 | 26.42 -0.11 0.00 | 27.01 -0.11 0.00 | 26.78 -0.10 0.00 | 30.24 -0.12 0.00 | 28.21 -0.11 0.00 | 26.55 -0.11 0.00 | 26.03 -0.12 0.00 | 27.74 -0.14 0.00 | 30.46 -0.21 0.00 | 26.42 -0.16 0.00 | 24.93 -0.21 0.00 | 24.99 -0.27 0.00 | 22.94 -0.30 0.00 | 25.21 -0.19 0.00 |
| CH_RES_NIAGARA 23895 | 22.27 -0.72 0.00 | 23.56 -0.54 0.00 | 24.86 -0.50 0.00 | 24.10 -0.29 0.00 | 18.12 -0.29 0.00 | 21.62 0.09 0.00 | 35.40 -0.74 0.00 | 31.19 -0.23 0.00 | 49.74 -0.37 0.00 | 20.78 -0.08 0.00 | 26.88 0.35 0.00 | 27.26 0.14 0.00 | 27.25 0.37 0.00 | 30.63 0.27 0.00 | 28.44 0.12 0.00 | 26.18 -0.48 0.00 | 25.31 -0.84 0.00 | 27.49 -0.39 0.00 | 30.34 -0.33 0.00 | 25.88 -0.69 0.00 | 24.37 -0.76 0.00 | 24.34 -0.91 0.00 | 22.76 -0.47 0.00 | 25.09 -0.31 0.00 |
| CH_RES_SYRACUSE 23985 | 23.17 0.18 0.00 | 24.36 0.26 0.00 | 25.61 0.24 0.00 | 24.68 0.29 0.00 | 18.63 0.22 0.00 | 21.80 0.28 0.00 | 36.48 0.34 0.00 | 31.85 0.43 0.00 | 50.73 0.62 0.00 | 21.08 0.21 0.00 | 26.83 0.30 0.00 | 27.37 0.25 0.00 | 27.18 0.30 0.00 | 30.68 0.32 0.00 | 28.61 0.28 0.00 | 26.87 0.21 0.00 | 26.32 0.16 0.00 | 28.14 0.27 0.00 | 31.08 0.41 0.00 | 26.81 0.23 0.00 | 25.36 0.22 0.00 | 25.42 0.17 0.00 | 23.39 0.15 0.00 | 25.53 0.13 0.00 |
| CLINTON_WT_PWR 323605 | 22.89 -0.10 0.00 | 24.05 -0.05 0.00 | 25.37 0.01 0.00 | 24.42 0.03 0.00 | 18.22 -0.19 0.00 | 21.10 -0.43 0.00 | 35.45 -0.68 0.00 | 30.14 -1.28 0.00 | 48.39 -1.72 0.00 | 20.47 -0.40 0.00 | 26.53 0.01 0.00 | 27.15 0.03 0.00 | 26.89 0.00 0.00 | 30.47 0.11 0.00 | 28.40 0.08 0.00 | 26.81 0.15 0.00 | 25.98 -0.17 0.00 | 27.46 -0.41 0.00 | 30.09 -0.58 0.00 | 26.25 -0.32 0.00 | 24.76 -0.38 0.00 | 24.90 -0.35 0.00 | 23.05 -0.19 0.00 | 25.71 0.30 0.00 |
| CLINTON__LFGE 323618 | 23.09 0.10 0.00 | 24.25 0.15 0.00 | 25.59 0.23 0.00 | 24.64 0.24 0.00 | 18.37 -0.04 0.00 | 21.26 -0.27 0.00 | 35.66 -0.48 0.00 | 30.19 -1.23 0.00 | 48.49 -1.61 0.00 | 20.54 -0.33 0.00 | 26.76 0.22 0.00 | 27.41 0.29 0.00 | 27.11 0.23 0.00 | 30.73 0.37 0.00 | 28.62 0.30 0.00 | 27.01 0.35 0.00 | 26.11 -0.04 0.00 | 27.56 -0.31 0.00 | 30.20 -0.47 0.00 | 26.38 -0.19 0.00 | 24.87 -0.26 0.00 | 25.04 -0.22 0.00 | 23.21 -0.02 0.00 | 26.06 0.66 0.00 |
| COBBLENY_34_KV_TB1 80064 | 23.07 0.08 0.00 | 24.41 0.31 0.00 | 25.74 0.39 0.00 | 24.95 0.56 0.00 | 18.77 0.36 0.00 | 22.39 0.87 0.00 | 36.93 0.80 0.00 | 32.64 1.22 0.00 | 52.03 1.93 0.00 | 21.68 0.81 0.00 | 28.02 1.48 0.00 | 28.41 1.29 0.00 | 28.38 1.49 0.00 | 31.93 1.57 0.00 | 29.63 1.30 0.00 | 27.40 0.74 0.00 | 26.49 0.34 0.00 | 28.73 0.85 0.00 | 31.83 1.16 0.00 | 27.18 0.60 0.00 | 25.60 0.46 0.00 | 25.54 0.29 0.00 | 23.79 0.56 0.00 | 26.13 0.72 0.00 |
| COFFEEN__115KV_TB3 355620 | 23.54 0.55 0.00 | 24.61 0.51 0.00 | 25.90 0.54 0.00 | 24.96 0.57 0.00 | 18.87 0.46 0.00 | 22.20 0.68 0.00 | 37.47 1.34 0.00 | 32.65 1.23 0.00 | 51.86 1.75 0.00 | 21.19 0.32 0.00 | 26.42 -0.11 0.00 | 27.00 -0.12 0.00 | 27.07 0.18 0.00 | 30.75 0.39 0.00 | 28.69 0.36 0.00 | 27.04 0.38 0.00 | 26.64 0.49 0.00 | 28.55 0.68 0.00 | 31.43 0.76 0.00 | 27.22 0.64 0.00 | 25.65 0.51 0.00 | 25.61 0.36 0.00 | 23.65 0.42 0.00 | 25.94 0.54 0.00 |
| COLDSPRG_115KV_BK1 355956 | 24.05 1.05 0.00 | 25.48 1.38 0.00 | 26.91 1.55 0.00 | 26.07 1.68 0.00 | 19.62 1.21 0.00 | 23.42 1.90 0.00 | 38.91 2.78 0.00 | 34.46 3.04 0.00 | 54.87 4.77 0.00 | 22.76 1.89 0.00 | 29.44 2.91 0.00 | 29.84 2.72 0.00 | 29.70 2.82 0.00 | 33.59 3.23 0.00 | 31.16 2.83 0.00 | 28.89 2.22 0.00 | 27.93 1.77 0.00 | 30.14 2.27 0.00 | 33.50 2.82 0.00 | 28.54 1.96 0.00 | 26.92 1.78 0.00 | 26.93 1.68 0.00 | 25.02 1.79 0.00 | 27.49 2.08 0.00 |
| COLONIE_LFGE__ 323577 | 23.85 0.85 0.00 | 24.91 0.82 0.00 | 26.19 0.83 0.00 | 25.11 0.72 0.00 | 19.04 0.63 0.00 | 22.31 0.79 0.00 | 37.73 1.59 0.00 | 32.89 1.48 0.00 | 52.45 2.34 0.00 | 21.62 0.75 0.00 | 27.47 0.94 0.00 | 28.12 1.00 0.00 | 27.80 0.91 0.00 | 31.34 0.98 0.00 | 29.29 0.97 0.00 | 27.70 1.04 0.00 | 27.27 1.12 0.00 | 29.00 1.12 0.00 | 31.87 1.20 0.00 | 27.65 1.08 0.00 | 26.29 1.15 0.00 | 26.51 1.26 0.00 | 24.22 0.99 0.00 | 26.38 0.98 0.00 |
| COOPERNY_115KV_TB1 80082 | 23.54 0.55 0.00 | 24.62 0.52 0.00 | 25.88 0.52 0.00 | 24.93 0.54 0.00 | 18.93 0.52 0.00 | 22.19 0.66 0.00 | 37.38 1.25 0.00 | 32.62 1.20 0.00 | 52.00 1.90 0.00 | 21.60 0.73 0.00 | 27.44 0.91 0.00 | 28.14 1.02 0.00 | 27.84 0.95 0.00 | 31.45 1.09 0.00 | 29.39 1.06 0.00 | 27.69 1.03 0.00 | 27.17 1.02 0.00 | 28.91 1.03 0.00 | 31.92 1.25 0.00 | 27.59 1.02 0.00 | 26.12 0.98 0.00 | 26.28 1.03 0.00 | 24.08 0.85 0.00 | 26.23 0.83 0.00 |
| COPENHAGEN_WT_PWR 323753 | 23.31 0.32 0.00 | 24.35 0.25 0.00 | 25.63 0.27 0.00 | 24.72 0.33 0.00 | 18.69 0.28 0.00 | 21.97 0.45 0.00 | 37.06 0.92 0.00 | 32.28 0.87 0.00 | 51.28 1.18 0.00 | 21.04 0.16 0.00 | 26.34 -0.19 0.00 | 26.89 -0.23 0.00 | 26.92 0.04 0.00 | 30.55 0.19 0.00 | 28.49 0.16 0.00 | 26.84 0.18 0.00 | 26.40 0.24 0.00 | 28.27 0.40 0.00 | 31.07 0.40 0.00 | 26.90 0.32 0.00 | 25.31 0.17 0.00 | 25.32 0.06 0.00 | 23.39 0.15 0.00 | 25.69 0.28 0.00 |
| CORNELL____ 23752 | 23.67 0.67 0.00 | 24.90 0.80 0.00 | 26.19 0.83 0.00 | 25.26 0.87 0.00 | 19.08 0.67 0.00 | 22.44 0.92 0.00 | 37.69 1.56 0.00 | 33.03 1.61 0.00 | 52.62 2.51 0.00 | 21.77 0.90 0.00 | 27.68 1.15 0.00 | 28.20 1.09 0.00 | 28.07 1.19 0.00 | 31.73 1.37 0.00 | 29.63 1.30 0.00 | 27.81 1.15 0.00 | 27.24 1.09 0.00 | 29.12 1.25 0.00 | 32.31 1.64 0.00 | 27.85 1.28 0.00 | 26.34 1.20 0.00 | 26.36 1.11 0.00 | 24.22 0.98 0.00 | 26.39 0.98 0.00 |
| CORONAAV_69_KV_TB1 355595 | 24.28 1.29 0.00 | 25.33 1.23 0.00 | 26.56 1.20 0.00 | 25.49 1.10 0.00 | 19.45 1.04 0.00 | 22.84 1.32 0.00 | 38.55 2.41 0.00 | 33.52 2.10 0.00 | 53.62 3.52 0.00 | 22.28 1.42 0.00 | 28.42 1.90 0.00 | 29.19 2.07 0.00 | 28.77 1.89 0.00 | 32.51 2.15 0.00 | 30.41 2.08 0.00 | 28.68 2.02 0.00 | 28.23 2.08 0.00 | 29.78 1.90 0.00 | 32.96 2.29 0.00 | 28.43 1.86 0.00 | 27.03 1.90 0.00 | 27.32 2.06 0.00 | 25.00 1.76 0.00 | 27.16 1.75 0.00 |
| CORTLAND_115KV_TB3 80093 | 23.46 0.47 0.00 | 24.65 0.56 0.00 | 25.94 0.58 0.00 | 24.99 0.60 0.00 | 18.87 0.46 0.00 | 22.17 0.65 0.00 | 37.20 1.07 0.00 | 32.54 1.13 0.00 | 51.87 1.76 0.00 | 21.49 0.62 0.00 | 27.36 0.83 0.00 | 27.86 0.74 0.00 | 27.69 0.80 0.00 | 31.28 0.92 0.00 | 29.22 0.89 0.00 | 27.44 0.78 0.00 | 26.90 0.75 0.00 | 28.73 0.86 0.00 | 31.79 1.12 0.00 | 27.44 0.86 0.00 | 25.95 0.81 0.00 | 25.99 0.74 0.00 | 23.89 0.65 0.00 | 26.06 0.65 0.00 |

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| COXSACKIE___GT 23611 | 24.37 1.37 0.00 | 25.52 1.42 0.00 | 26.79 1.44 0.00 | 25.75 1.36 0.00 | 19.55 1.14 0.00 | 22.98 1.46 0.00 | 39.07 2.94 0.00 | 34.18 2.76 0.00 | 54.28 4.18 0.00 | 22.30 1.43 0.00 | 27.72 1.19 0.00 | 28.58 1.46 0.00 | 28.45 1.56 0.00 | 32.05 1.69 0.00 | 29.98 1.65 0.00 | 28.34 1.68 0.00 | 28.15 2.00 0.00 | 30.06 2.19 0.00 | 33.13 2.46 0.00 | 28.70 2.12 0.00 | 27.21 2.08 0.00 | 27.40 2.14 0.00 | 24.97 1.74 0.00 | 27.01 1.60 0.00 |
| CPV_VALLEY___CC1 323721 | 23.57 0.57 0.00 | 24.62 0.52 0.00 | 25.87 0.51 0.00 | 24.91 0.52 0.00 | 18.93 0.52 0.00 | 22.21 0.68 0.00 | 37.46 1.32 0.00 | 32.69 1.27 0.00 | 52.15 2.04 0.00 | 21.67 0.80 0.00 | 27.52 0.99 0.00 | 28.24 1.12 0.00 | 27.92 1.03 0.00 | 31.54 1.17 0.00 | 29.48 1.16 0.00 | 27.80 1.14 0.00 | 27.30 1.14 0.00 | 28.99 1.12 0.00 | 32.01 1.34 0.00 | 27.67 1.10 0.00 | 26.21 1.07 0.00 | 26.39 1.13 0.00 | 24.16 0.92 0.00 | 26.29 0.89 0.00 |
| CPV_VALLEY___CC2 323722 | 23.57 0.57 0.00 | 24.62 0.52 0.00 | 25.87 0.51 0.00 | 24.91 0.52 0.00 | 18.93 0.52 0.00 | 22.21 0.68 0.00 | 37.46 1.32 0.00 | 32.69 1.27 0.00 | 52.15 2.04 0.00 | 21.67 0.80 0.00 | 27.52 0.99 0.00 | 28.24 1.12 0.00 | 27.92 1.03 0.00 | 31.54 1.17 0.00 | 29.48 1.16 0.00 | 27.80 1.14 0.00 | 27.30 1.14 0.00 | 28.99 1.12 0.00 | 32.01 1.34 0.00 | 27.67 1.10 0.00 | 26.21 1.07 0.00 | 26.39 1.13 0.00 | 24.16 0.92 0.00 | 26.29 0.89 0.00 |
| CRESCENT___HYD 24018 | 23.85 0.85 0.00 | 24.91 0.82 0.00 | 26.19 0.83 0.00 | 25.11 0.72 0.00 | 19.04 0.63 0.00 | 22.31 0.79 0.00 | 37.73 1.59 0.00 | 32.89 1.48 0.00 | 52.45 2.34 0.00 | 21.62 0.75 0.00 | 27.47 0.94 0.00 | 28.12 1.00 0.00 | 27.80 0.91 0.00 | 31.34 0.98 0.00 | 29.29 0.97 0.00 | 27.70 1.04 0.00 | 27.27 1.12 0.00 | 29.00 1.12 0.00 | 31.87 1.20 0.00 | 27.65 1.08 0.00 | 26.29 1.15 0.00 | 26.51 1.26 0.00 | 24.22 0.99 0.00 | 26.38 0.98 0.00 |
| CRICKET___VALLEY_CC1 323756 | 23.92 0.92 0.00 | 24.91 0.82 0.00 | 26.18 0.82 0.00 | 25.17 0.78 0.00 | 19.16 0.75 0.00 | 22.48 0.96 0.00 | 38.05 1.91 0.00 | 33.19 1.78 0.00 | 52.96 2.85 0.00 | 21.96 1.09 0.00 | 27.91 1.38 0.00 | 28.64 1.52 0.00 | 28.25 1.37 0.00 | 31.84 1.48 0.00 | 29.72 1.39 0.00 | 28.13 1.47 0.00 | 27.73 1.58 0.00 | 29.47 1.59 0.00 | 32.48 1.80 0.00 | 28.10 1.53 0.00 | 26.65 1.51 0.00 | 26.87 1.62 0.00 | 24.58 1.35 0.00 | 26.69 1.28 0.00 |
| CRICKET___VALLEY_CC2 323757 | 23.92 0.92 0.00 | 24.91 0.82 0.00 | 26.18 0.82 0.00 | 25.17 0.78 0.00 | 19.16 0.75 0.00 | 22.48 0.96 0.00 | 38.05 1.91 0.00 | 33.19 1.78 0.00 | 52.96 2.85 0.00 | 21.96 1.09 0.00 | 27.91 1.38 0.00 | 28.64 1.52 0.00 | 28.25 1.37 0.00 | 31.84 1.48 0.00 | 29.72 1.39 0.00 | 28.13 1.47 0.00 | 27.73 1.58 0.00 | 29.47 1.59 0.00 | 32.48 1.80 0.00 | 28.10 1.53 0.00 | 26.65 1.51 0.00 | 26.87 1.62 0.00 | 24.58 1.35 0.00 | 26.69 1.28 0.00 |
| CRICKET___VALLEY_CC3 323758 | 23.92 0.92 0.00 | 24.91 0.82 0.00 | 26.18 0.82 0.00 | 25.17 0.78 0.00 | 19.16 0.75 0.00 | 22.48 0.96 0.00 | 38.05 1.91 0.00 | 33.19 1.78 0.00 | 52.96 2.85 0.00 | 21.96 1.09 0.00 | 27.91 1.38 0.00 | 28.64 1.52 0.00 | 28.25 1.37 0.00 | 31.84 1.48 0.00 | 29.72 1.39 0.00 | 28.13 1.47 0.00 | 27.73 1.58 0.00 | 29.47 1.59 0.00 | 32.48 1.80 0.00 | 28.10 1.53 0.00 | 26.65 1.51 0.00 | 26.87 1.62 0.00 | 24.58 1.35 0.00 | 26.69 1.28 0.00 |
| CRUCIBLE_METL_DRP 24180 | 23.17 0.18 0.00 | 24.36 0.26 0.00 | 25.61 0.25 0.00 | 24.68 0.29 0.00 | 18.63 0.22 0.00 | 21.80 0.28 0.00 | 36.47 0.34 0.00 | 31.85 0.43 0.00 | 50.73 0.62 0.00 | 21.08 0.21 0.00 | 26.83 0.30 0.00 | 27.37 0.25 0.00 | 27.18 0.29 0.00 | 30.68 0.32 0.00 | 28.61 0.28 0.00 | 26.87 0.21 0.00 | 26.32 0.16 0.00 | 28.13 0.25 0.00 | 31.08 0.41 0.00 | 26.81 0.23 0.00 | 25.37 0.23 0.00 | 25.42 0.17 0.00 | 23.39 0.16 0.00 | 25.53 0.12 0.00 |
| DAHOWA___HYDRO 323763 | 24.14 1.15 0.00 | 25.20 1.10 0.00 | 26.41 1.05 0.00 | 25.26 0.87 0.00 | 19.11 0.70 0.00 | 22.39 0.87 0.00 | 37.97 1.83 0.00 | 33.29 1.87 0.00 | 53.01 2.91 0.00 | 21.72 0.85 0.00 | 27.54 1.01 0.00 | 28.16 1.05 0.00 | 27.84 0.96 0.00 | 31.45 1.09 0.00 | 29.37 1.05 0.00 | 27.83 1.17 0.00 | 27.50 1.34 0.00 | 29.28 1.40 0.00 | 32.13 1.46 0.00 | 27.93 1.35 0.00 | 26.49 1.35 0.00 | 26.75 1.50 0.00 | 24.41 1.18 0.00 | 26.49 1.09 0.00 |
| DANC___LFGE 323619 | 23.08 0.08 0.00 | 24.15 0.06 0.00 | 25.43 0.07 0.00 | 24.49 0.11 0.00 | 18.50 0.09 0.00 | 21.71 0.19 0.00 | 36.52 0.39 0.00 | 31.84 0.42 0.00 | 50.58 0.47 0.00 | 20.85 -0.02 0.00 | 26.24 -0.29 0.00 | 26.79 -0.33 0.00 | 26.74 -0.14 0.00 | 30.29 -0.07 0.00 | 28.22 -0.10 0.00 | 26.53 -0.13 0.00 | 26.04 -0.11 0.00 | 27.89 0.02 0.00 | 30.70 0.03 0.00 | 26.55 -0.02 0.00 | 25.03 -0.10 0.00 | 25.09 -0.16 0.00 | 23.17 -0.06 0.00 | 25.40 -0.01 0.00 |
| DANSKAMMER___1 23586 | 24.12 1.12 0.00 | 25.16 1.06 0.00 | 26.43 1.07 0.00 | 25.44 1.06 0.00 | 19.38 0.97 0.00 | 22.76 1.24 0.00 | 38.47 2.34 0.00 | 33.59 2.17 0.00 | 53.57 3.47 0.00 | 22.25 1.38 0.00 | 28.23 1.70 0.00 | 28.96 1.84 0.00 | 28.60 1.72 0.00 | 32.31 1.95 0.00 | 30.20 1.88 0.00 | 28.53 1.86 0.00 | 28.08 1.92 0.00 | 29.83 1.95 0.00 | 32.94 2.27 0.00 | 28.46 1.89 0.00 | 26.97 1.83 0.00 | 27.14 1.88 0.00 | 24.81 1.58 0.00 | 26.95 1.55 0.00 |
| DANSKAMMER___2 23589 | 24.12 1.12 0.00 | 25.16 1.06 0.00 | 26.43 1.07 0.00 | 25.44 1.06 0.00 | 19.38 0.97 0.00 | 22.76 1.24 0.00 | 38.47 2.34 0.00 | 33.59 2.17 0.00 | 53.57 3.47 0.00 | 22.25 1.38 0.00 | 28.23 1.70 0.00 | 28.96 1.84 0.00 | 28.60 1.72 0.00 | 32.31 1.95 0.00 | 30.20 1.88 0.00 | 28.53 1.86 0.00 | 28.08 1.92 0.00 | 29.83 1.95 0.00 | 32.94 2.27 0.00 | 28.46 1.89 0.00 | 26.97 1.83 0.00 | 27.14 1.88 0.00 | 24.81 1.58 0.00 | 26.95 1.55 0.00 |
| DANSKAMMER___3 23590 | 24.12 1.12 0.00 | 25.16 1.06 0.00 | 26.43 1.07 0.00 | 25.44 1.06 0.00 | 19.38 0.97 0.00 | 22.76 1.24 0.00 | 38.47 2.34 0.00 | 33.59 2.17 0.00 | 53.57 3.47 0.00 | 22.25 1.38 0.00 | 28.23 1.70 0.00 | 28.96 1.84 0.00 | 28.60 1.72 0.00 | 32.31 1.95 0.00 | 30.20 1.88 0.00 | 28.53 1.86 0.00 | 28.08 1.92 0.00 | 29.83 1.95 0.00 | 32.94 2.27 0.00 | 28.46 1.89 0.00 | 26.97 1.83 0.00 | 27.14 1.88 0.00 | 24.81 1.58 0.00 | 26.95 1.55 0.00 |
| DANSKAMMER___4 23591 | 24.12 1.12 0.00 | 25.16 1.06 0.00 | 26.43 1.07 0.00 | 25.44 1.06 0.00 | 19.38 0.97 0.00 | 22.76 1.24 0.00 | 38.47 2.34 0.00 | 33.59 2.17 0.00 | 53.57 3.47 0.00 | 22.25 1.38 0.00 | 28.23 1.70 0.00 | 28.96 1.84 0.00 | 28.60 1.72 0.00 | 32.31 1.95 0.00 | 30.20 1.88 0.00 | 28.53 1.86 0.00 | 28.08 1.92 0.00 | 29.83 1.95 0.00 | 32.94 2.27 0.00 | 28.46 1.89 0.00 | 26.97 1.83 0.00 | 27.14 1.88 0.00 | 24.81 1.58 0.00 | 26.95 1.55 0.00 |
| DANSKAMMER___DIESEL 23592 | 24.12 1.12 0.00 | 25.16 1.06 0.00 | 26.43 1.07 0.00 | 25.45 1.06 0.00 | 19.38 0.97 0.00 | 22.76 1.24 0.00 | 38.47 2.34 0.00 | 33.59 2.17 0.00 | 53.57 3.47 0.00 | 22.25 1.38 0.00 | 28.23 1.70 0.00 | 28.96 1.84 0.00 | 28.60 1.72 0.00 | 32.31 1.95 0.00 | 30.20 1.88 0.00 | 28.52 1.86 0.00 | 28.07 1.92 0.00 | 29.83 1.96 0.00 | 32.94 2.26 0.00 | 28.46 1.89 0.00 | 26.96 1.82 0.00 | 27.13 1.88 0.00 | 24.81 1.58 0.00 | 26.95 1.55 0.00 |

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| DARBY___SOLAR 323810 | 24.07 1.08 0.00 | 25.14 1.04 0.00 | 26.36 1.00 0.00 | 25.22 0.83 0.00 | 19.09 0.68 0.00 | 22.35 0.83 0.00 | 37.88 1.75 0.00 | 33.17 1.75 0.00 | 52.85 2.74 0.00 | 21.67 0.80 0.00 | 27.48 0.95 0.00 | 28.11 0.99 0.00 | 27.81 0.93 0.00 | 31.41 1.05 0.00 | 29.36 1.04 0.00 | 27.81 1.15 0.00 | 27.44 1.29 0.00 | 29.22 1.35 0.00 | 32.09 1.42 0.00 | 27.87 1.30 0.00 | 26.44 1.30 0.00 | 26.69 1.44 0.00 | 24.36 1.12 0.00 | 26.46 1.05 0.00 |
| DASHVILLE___HYD 23610 | 23.96 0.97 0.00 | 25.01 0.91 0.00 | 26.27 0.91 0.00 | 25.30 0.91 0.00 | 19.27 0.86 0.00 | 22.61 1.09 0.00 | 38.13 2.00 0.00 | 33.30 1.88 0.00 | 53.14 3.03 0.00 | 22.11 1.24 0.00 | 28.04 1.51 0.00 | 28.72 1.60 0.00 | 28.37 1.49 0.00 | 32.03 1.67 0.00 | 29.93 1.61 0.00 | 28.28 1.62 0.00 | 27.91 1.75 0.00 | 29.61 1.74 0.00 | 32.69 2.02 0.00 | 28.26 1.68 0.00 | 26.79 1.65 0.00 | 26.92 1.67 0.00 | 24.63 1.39 0.00 | 26.79 1.38 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 24.85 1.86 0.00 | 25.83 1.73 0.00 | 26.95 1.59 0.00 | 25.77 1.38 0.00 | 19.83 1.42 0.00 | 23.22 1.69 0.00 | 39.59 3.46 0.00 | 34.24 2.82 0.00 | 55.44 5.33 0.00 | 22.97 2.10 0.00 | 29.23 2.69 0.00 | 30.03 2.91 0.00 | 29.43 2.55 0.00 | 33.30 2.94 0.00 | 31.17 2.85 0.00 | 29.28 2.62 0.00 | 28.70 2.55 0.00 | 30.77 2.90 0.00 | 34.44 3.77 0.00 | 29.42 2.85 0.00 | 27.58 2.44 0.00 | 27.93 2.67 0.00 | 25.45 2.22 0.00 | 27.46 2.06 0.00 |
| DELAWARE___LFGE 323621 | 23.67 0.67 0.00 | 24.86 0.76 0.00 | 26.16 0.80 0.00 | 25.20 0.81 0.00 | 19.08 0.67 0.00 | 22.34 0.82 0.00 | 37.56 1.43 0.00 | 32.93 1.51 0.00 | 54.78 4.67 0.00 | 22.59 1.72 0.00 | 28.87 2.34 0.00 | 28.70 1.58 0.00 | 27.91 1.02 0.00 | 31.50 1.14 0.00 | 29.42 1.09 0.00 | 27.64 0.98 0.00 | 27.08 0.93 0.00 | 28.87 0.99 0.00 | 31.93 1.26 0.00 | 27.60 1.02 0.00 | 26.09 0.95 0.00 | 26.20 0.94 0.00 | 24.05 0.81 0.00 | 26.22 0.81 0.00 |
| DERFIELD_115KV_TB7 355931 | 23.06 0.07 0.00 | 24.17 0.08 0.00 | 25.44 0.08 0.00 | 24.46 0.07 0.00 | 18.48 0.07 0.00 | 21.63 0.11 0.00 | 36.32 0.19 0.00 | 31.61 0.19 0.00 | 50.40 0.29 0.00 | 20.96 0.09 0.00 | 26.61 0.09 0.00 | 27.21 0.08 0.00 | 26.96 0.08 0.00 | 30.46 0.10 0.00 | 28.44 0.11 0.00 | 26.80 0.14 0.00 | 26.33 0.18 0.00 | 28.03 0.16 0.00 | 30.85 0.18 0.00 | 26.73 0.15 0.00 | 25.30 0.16 0.00 | 25.41 0.15 0.00 | 23.34 0.10 0.00 | 25.49 0.09 0.00 |
| DOGLEVILLE___HYD 23807 | 23.35 0.36 0.00 | 24.50 0.40 0.00 | 25.80 0.44 0.00 | 24.77 0.38 0.00 | 18.82 0.41 0.00 | 22.13 0.61 0.00 | 37.36 1.22 0.00 | 32.63 1.21 0.00 | 51.78 1.68 0.00 | 21.16 0.29 0.00 | 26.79 0.26 0.00 | 27.32 0.20 0.00 | 27.06 0.18 0.00 | 30.65 0.29 0.00 | 28.77 0.44 0.00 | 27.34 0.68 0.00 | 27.19 1.04 0.00 | 28.81 0.94 0.00 | 31.69 1.02 0.00 | 27.51 0.94 0.00 | 26.23 1.10 0.00 | 26.26 1.00 0.00 | 24.01 0.77 0.00 | 26.05 0.64 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 23.25 0.25 0.00 | 24.61 0.52 0.00 | 26.00 0.64 0.00 | 25.21 0.82 0.00 | 18.98 0.57 0.00 | 22.67 1.15 0.00 | 37.48 1.35 0.00 | 33.14 1.72 0.00 | 52.78 2.68 0.00 | 21.93 1.06 0.00 | 28.42 1.89 0.00 | 28.78 1.66 0.00 | 28.65 1.76 0.00 | 32.30 1.94 0.00 | 30.02 1.69 0.00 | 27.77 1.11 0.00 | 26.82 0.67 0.00 | 29.08 1.21 0.00 | 32.35 1.68 0.00 | 27.55 0.97 0.00 | 25.94 0.80 0.00 | 25.96 0.71 0.00 | 24.13 0.90 0.00 | 26.53 1.12 0.00 |
| DUNKIRK___1 23563 | 23.25 0.25 0.00 | 24.61 0.52 0.00 | 26.00 0.64 0.00 | 25.21 0.82 0.00 | 18.98 0.57 0.00 | 22.67 1.15 0.00 | 37.48 1.35 0.00 | 33.14 1.72 0.00 | 52.78 2.68 0.00 | 21.93 1.06 0.00 | 28.42 1.89 0.00 | 28.78 1.66 0.00 | 28.65 1.76 0.00 | 32.30 1.94 0.00 | 30.02 1.69 0.00 | 27.77 1.11 0.00 | 26.82 0.67 0.00 | 29.08 1.21 0.00 | 32.35 1.68 0.00 | 27.55 0.97 0.00 | 25.94 0.80 0.00 | 25.96 0.71 0.00 | 24.13 0.90 0.00 | 26.53 1.12 0.00 |
| DUNKIRK___2 23564 | 23.25 0.25 0.00 | 24.61 0.52 0.00 | 26.00 0.64 0.00 | 25.21 0.82 0.00 | 18.98 0.57 0.00 | 22.67 1.15 0.00 | 37.48 1.35 0.00 | 33.14 1.72 0.00 | 52.78 2.68 0.00 | 21.93 1.06 0.00 | 28.42 1.89 0.00 | 28.78 1.66 0.00 | 28.65 1.76 0.00 | 32.30 1.94 0.00 | 30.02 1.69 0.00 | 27.77 1.11 0.00 | 26.82 0.67 0.00 | 29.08 1.21 0.00 | 32.35 1.68 0.00 | 27.55 0.97 0.00 | 25.94 0.80 0.00 | 25.96 0.71 0.00 | 24.13 0.90 0.00 | 26.53 1.12 0.00 |
| DUNKIRK___3 23565 | 23.19 0.19 0.00 | 24.55 0.45 0.00 | 25.92 0.57 0.00 | 25.14 0.75 0.00 | 18.91 0.50 0.00 | 22.58 1.06 0.00 | 37.38 1.25 0.00 | 33.03 1.61 0.00 | 52.58 2.47 0.00 | 21.82 0.95 0.00 | 28.27 1.74 0.00 | 28.64 1.52 0.00 | 28.54 1.66 0.00 | 32.17 1.81 0.00 | 29.90 1.57 0.00 | 27.67 1.01 0.00 | 26.71 0.56 0.00 | 28.95 1.08 0.00 | 32.23 1.56 0.00 | 27.48 0.90 0.00 | 25.87 0.73 0.00 | 25.89 0.63 0.00 | 24.07 0.84 0.00 | 26.45 1.04 0.00 |
| DUNKIRK___4 23566 | 23.19 0.20 0.00 | 24.55 0.46 0.00 | 25.93 0.57 0.00 | 25.14 0.75 0.00 | 18.92 0.51 0.00 | 22.59 1.07 0.00 | 37.32 1.19 0.00 | 32.98 1.56 0.00 | 52.54 2.43 0.00 | 21.85 0.98 0.00 | 28.29 1.76 0.00 | 28.65 1.53 0.00 | 28.55 1.67 0.00 | 32.19 1.83 0.00 | 29.90 1.57 0.00 | 27.65 0.99 0.00 | 26.71 0.56 0.00 | 28.95 1.08 0.00 | 32.17 1.50 0.00 | 27.43 0.85 0.00 | 25.83 0.69 0.00 | 25.83 0.57 0.00 | 24.02 0.79 0.00 | 26.41 1.00 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 24.00 1.00 0.00 | 25.01 0.92 0.00 | 26.26 0.90 0.00 | 25.27 0.88 0.00 | 19.28 0.87 0.00 | 22.65 1.13 0.00 | 38.27 2.14 0.00 | 33.42 2.00 0.00 | 53.36 3.25 0.00 | 22.21 1.34 0.00 | 28.22 1.69 0.00 | 28.99 1.87 0.00 | 28.63 1.75 0.00 | 32.29 1.93 0.00 | 30.16 1.83 0.00 | 28.47 1.81 0.00 | 28.01 1.86 0.00 | 29.71 1.83 0.00 | 32.80 2.13 0.00 | 28.33 1.75 0.00 | 26.85 1.71 0.00 | 27.05 1.80 0.00 | 24.72 1.49 0.00 | 26.85 1.44 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 23.91 0.92 0.00 | 24.96 0.87 0.00 | 26.22 0.86 0.00 | 25.25 0.87 0.00 | 19.22 0.81 0.00 | 22.58 1.06 0.00 | 38.13 2.00 0.00 | 33.30 1.88 0.00 | 53.11 3.01 0.00 | 22.04 1.18 0.00 | 27.96 1.43 0.00 | 28.69 1.57 0.00 | 28.36 1.47 0.00 | 32.03 1.67 0.00 | 29.95 1.63 0.00 | 28.28 1.62 0.00 | 27.81 1.66 0.00 | 29.56 1.68 0.00 | 32.64 1.97 0.00 | 28.20 1.63 0.00 | 26.72 1.58 0.00 | 26.89 1.63 0.00 | 24.59 1.36 0.00 | 26.73 1.33 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 24.02 1.02 0.00 | 25.01 0.92 0.00 | 26.29 0.94 0.00 | 25.30 0.91 0.00 | 19.36 0.95 0.00 | 22.68 1.16 0.00 | 38.45 2.32 0.00 | 33.50 2.09 0.00 | 53.45 3.35 0.00 | 22.32 1.45 0.00 | 28.26 1.73 0.00 | 29.03 1.91 0.00 | 28.66 1.77 0.00 | 32.32 1.96 0.00 | 30.21 1.88 0.00 | 28.49 1.83 0.00 | 28.03 1.88 0.00 | 29.65 1.78 0.00 | 32.74 2.07 0.00 | 28.28 1.70 0.00 | 26.86 1.73 0.00 | 27.04 1.79 0.00 | 24.75 1.51 0.00 | 26.97 1.56 0.00 |
| E179THST_13_KV_LOAD 356214 | 24.12 1.12 0.00 | 25.11 1.01 0.00 | 26.39 1.04 0.00 | 25.39 1.01 0.00 | 19.43 1.02 0.00 | 22.76 1.24 0.00 | 38.61 2.47 0.00 | 33.65 2.24 0.00 | 53.67 3.57 0.00 | 22.42 1.55 0.00 | 28.39 1.86 0.00 | 29.17 2.05 0.00 | 28.79 1.91 0.00 | 32.47 2.11 0.00 | 30.35 2.02 0.00 | 28.62 1.96 0.00 | 28.16 2.01 0.00 | 29.80 1.93 0.00 | 32.91 2.24 0.00 | 28.41 1.84 0.00 | 26.99 1.85 0.00 | 27.16 1.91 0.00 | 24.86 1.62 0.00 | 27.08 1.67 0.00 |

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|--------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| EAST HAMPTON___GT 23717 | 25.04 2.05 0.00 | 26.03 1.93 0.00 | 27.15 1.78 0.00 | 25.96 1.58 0.00 | 19.99 1.58 0.00 | 23.40 1.88 0.00 | 39.94 3.80 0.00 | 34.64 3.22 0.00 | 56.09 5.99 0.00 | 23.23 2.36 0.00 | 29.46 2.93 0.00 | 30.31 3.19 0.00 | 29.71 2.83 0.00 | 33.61 3.25 0.00 | 31.45 3.12 0.00 | 29.55 2.89 0.00 | 28.95 2.80 0.00 | 30.98 3.10 0.00 | 34.85 4.18 0.00 | 29.73 3.16 0.00 | 27.90 2.76 0.00 | 28.21 2.96 0.00 | 25.69 2.46 0.00 | 27.69 2.28 0.00 |
| EAST RIVER___6 23660 | 24.17 1.17 0.00 | 25.15 1.05 0.00 | 26.41 1.05 0.00 | 25.43 1.04 0.00 | 19.45 1.04 0.00 | 22.85 1.33 0.00 | 38.59 2.46 0.00 | 33.69 2.27 0.00 | 53.83 3.73 0.00 | 22.45 1.59 0.00 | 28.48 1.95 0.00 | 29.28 2.16 0.00 | 28.91 2.03 0.00 | 32.61 2.25 0.00 | 30.42 2.10 0.00 | 28.73 2.07 0.00 | 28.28 2.13 0.00 | 29.94 2.07 0.00 | 33.06 2.39 0.00 | 28.54 1.96 0.00 | 27.06 1.93 0.00 | 27.22 1.97 0.00 | 24.88 1.65 0.00 | 27.06 1.65 0.00 |
| EAST RIVER___7 23524 | 24.17 1.17 0.00 | 25.15 1.05 0.00 | 26.41 1.05 0.00 | 25.43 1.04 0.00 | 19.45 1.04 0.00 | 22.85 1.33 0.00 | 38.59 2.46 0.00 | 33.69 2.27 0.00 | 53.83 3.73 0.00 | 22.45 1.59 0.00 | 28.48 1.95 0.00 | 29.28 2.16 0.00 | 28.91 2.03 0.00 | 32.61 2.25 0.00 | 30.42 2.10 0.00 | 28.73 2.07 0.00 | 28.28 2.13 0.00 | 29.94 2.07 0.00 | 33.06 2.39 0.00 | 28.54 1.96 0.00 | 27.06 1.93 0.00 | 27.22 1.97 0.00 | 24.88 1.65 0.00 | 27.06 1.65 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 23.97 0.98 0.00 | 24.99 0.89 0.00 | 26.25 0.89 0.00 | 25.25 0.86 0.00 | 19.27 0.86 0.00 | 22.63 1.11 0.00 | 38.23 2.10 0.00 | 33.38 1.96 0.00 | 53.27 3.17 0.00 | 22.17 1.30 0.00 | 28.15 1.62 0.00 | 28.92 1.80 0.00 | 28.57 1.68 0.00 | 32.23 1.86 0.00 | 30.09 1.76 0.00 | 28.40 1.74 0.00 | 27.95 1.79 0.00 | 29.65 1.78 0.00 | 32.74 2.07 0.00 | 28.28 1.71 0.00 | 26.80 1.66 0.00 | 26.99 1.74 0.00 | 24.68 1.44 0.00 | 26.81 1.40 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 25.04 2.05 0.00 | 26.03 1.93 0.00 | 27.15 1.79 0.00 | 25.97 1.58 0.00 | 19.99 1.58 0.00 | 23.40 1.88 0.00 | 39.95 3.82 0.00 | 34.65 3.23 0.00 | 56.10 5.99 0.00 | 23.23 2.37 0.00 | 29.46 2.93 0.00 | 30.32 3.20 0.00 | 29.72 2.84 0.00 | 33.61 3.25 0.00 | 31.46 3.13 0.00 | 29.56 2.89 0.00 | 28.96 2.80 0.00 | 30.98 3.11 0.00 | 34.86 4.19 0.00 | 29.74 3.17 0.00 | 27.90 2.77 0.00 | 28.22 2.97 0.00 | 25.69 2.46 0.00 | 27.69 2.29 0.00 |
| EAST_PULASKI___ESR 323781 | 22.88 -0.11 0.00 | 23.99 -0.11 0.00 | 25.25 -0.11 0.00 | 24.30 -0.08 0.00 | 18.33 -0.08 0.00 | 21.46 -0.06 0.00 | 35.98 -0.15 0.00 | 31.38 -0.04 0.00 | 49.90 -0.20 0.00 | 20.68 -0.20 0.00 | 26.16 -0.38 0.00 | 26.71 -0.42 0.00 | 26.58 -0.31 0.00 | 30.05 -0.32 0.00 | 27.97 -0.35 0.00 | 26.22 -0.44 0.00 | 25.68 -0.47 0.00 | 27.49 -0.38 0.00 | 30.30 -0.37 0.00 | 26.19 -0.39 0.00 | 24.75 -0.39 0.00 | 24.85 -0.40 0.00 | 22.97 -0.27 0.00 | 25.14 -0.27 0.00 |
| EAST_RIVER___1 323558 | 24.10 1.11 0.00 | 25.09 0.99 0.00 | 26.35 0.99 0.00 | 25.37 0.98 0.00 | 19.39 0.98 0.00 | 22.78 1.26 0.00 | 38.49 2.36 0.00 | 33.59 2.18 0.00 | 53.63 3.52 0.00 | 22.36 1.49 0.00 | 28.37 1.84 0.00 | 29.18 2.06 0.00 | 28.82 1.94 0.00 | 32.49 2.13 0.00 | 30.32 2.00 0.00 | 28.63 1.97 0.00 | 28.17 2.02 0.00 | 29.84 1.96 0.00 | 32.95 2.28 0.00 | 28.44 1.87 0.00 | 26.97 1.83 0.00 | 27.14 1.88 0.00 | 24.81 1.58 0.00 | 26.98 1.57 0.00 |
| EAST_RIVER___2 323559 | 24.17 1.17 0.00 | 25.15 1.05 0.00 | 26.41 1.05 0.00 | 25.43 1.04 0.00 | 19.45 1.04 0.00 | 22.85 1.33 0.00 | 38.59 2.46 0.00 | 33.69 2.27 0.00 | 53.83 3.73 0.00 | 22.45 1.59 0.00 | 28.48 1.95 0.00 | 29.28 2.16 0.00 | 28.91 2.03 0.00 | 32.61 2.25 0.00 | 30.42 2.10 0.00 | 28.73 2.07 0.00 | 28.28 2.13 0.00 | 29.94 2.07 0.00 | 33.06 2.39 0.00 | 28.54 1.96 0.00 | 27.06 1.93 0.00 | 27.22 1.97 0.00 | 24.88 1.65 0.00 | 27.06 1.65 0.00 |
| EAST___DELAWARE_HYD 23607 | 23.94 0.94 0.00 | 24.99 0.89 0.00 | 26.25 0.89 0.00 | 25.30 0.91 0.00 | 19.25 0.84 0.00 | 22.63 1.11 0.00 | 38.22 2.09 0.00 | 33.36 1.94 0.00 | 53.16 3.05 0.00 | 22.04 1.17 0.00 | 27.89 1.35 0.00 | 28.54 1.42 0.00 | 28.25 1.37 0.00 | 31.88 1.52 0.00 | 29.90 1.58 0.00 | 28.27 1.61 0.00 | 27.87 1.72 0.00 | 29.64 1.77 0.00 | 32.70 2.03 0.00 | 28.26 1.69 0.00 | 26.80 1.66 0.00 | 26.90 1.65 0.00 | 24.62 1.39 0.00 | 26.80 1.39 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 23.18 0.19 0.00 | 24.66 0.57 0.00 | 26.11 0.75 0.00 | 25.31 0.92 0.00 | 19.06 0.65 0.00 | 22.67 1.15 0.00 | 37.67 1.54 0.00 | 33.32 1.90 0.00 | 53.00 2.90 0.00 | 21.92 1.05 0.00 | 28.22 1.69 0.00 | 28.60 1.48 0.00 | 28.47 1.58 0.00 | 32.15 1.79 0.00 | 29.89 1.57 0.00 | 27.80 1.14 0.00 | 27.08 0.93 0.00 | 29.26 1.39 0.00 | 32.46 1.79 0.00 | 27.84 1.27 0.00 | 26.29 1.16 0.00 | 26.24 0.98 0.00 | 24.19 0.96 0.00 | 26.53 1.12 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 23.12 0.12 0.00 | 24.33 0.24 0.00 | 25.57 0.21 0.00 | 24.67 0.28 0.00 | 18.62 0.20 0.00 | 21.81 0.29 0.00 | 36.55 0.42 0.00 | 31.96 0.54 0.00 | 50.89 0.78 0.00 | 21.13 0.26 0.00 | 26.88 0.35 0.00 | 27.45 0.33 0.00 | 27.28 0.39 0.00 | 30.75 0.39 0.00 | 28.70 0.37 0.00 | 26.95 0.29 0.00 | 26.32 0.17 0.00 | 28.18 0.31 0.00 | 31.20 0.53 0.00 | 26.88 0.31 0.00 | 25.42 0.28 0.00 | 25.50 0.25 0.00 | 23.45 0.21 0.00 | 25.56 0.15 0.00 |
| ELEC_TRO_TEK 24086 | 24.16 1.16 0.00 | 25.19 1.10 0.00 | 26.42 1.06 0.00 | 25.36 0.97 0.00 | 19.35 0.94 0.00 | 22.74 1.22 0.00 | 38.40 2.27 0.00 | 33.44 2.02 0.00 | 53.50 3.39 0.00 | 22.23 1.36 0.00 | 28.31 1.79 0.00 | 29.08 1.96 0.00 | 28.68 1.80 0.00 | 32.41 2.05 0.00 | 30.30 1.98 0.00 | 28.56 1.90 0.00 | 28.09 1.94 0.00 | 29.74 1.87 0.00 | 32.95 2.28 0.00 | 28.38 1.81 0.00 | 26.90 1.76 0.00 | 27.19 1.94 0.00 | 24.86 1.63 0.00 | 26.99 1.58 0.00 |
| ELLENBURG_WT_PWR 323604 | 22.89 -0.10 0.00 | 24.05 -0.05 0.00 | 25.37 0.01 0.00 | 24.42 0.03 0.00 | 18.22 -0.19 0.00 | 21.10 -0.43 0.00 | 35.45 -0.68 0.00 | 30.14 -1.28 0.00 | 48.39 -1.72 0.00 | 20.47 -0.40 0.00 | 26.53 0.01 0.00 | 27.15 0.03 0.00 | 26.89 0.00 0.00 | 30.47 0.11 0.00 | 28.40 0.08 0.00 | 26.81 0.15 0.00 | 25.98 -0.17 0.00 | 27.46 -0.41 0.00 | 30.09 -0.58 0.00 | 26.25 -0.32 0.00 | 24.76 -0.38 0.00 | 24.90 -0.35 0.00 | 23.05 -0.19 0.00 | 25.71 0.30 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 22.86 -0.13 0.00 | 24.19 0.09 0.00 | 25.53 0.17 0.00 | 24.75 0.36 0.00 | 18.61 0.20 0.00 | 22.20 0.68 0.00 | 36.52 0.39 0.00 | 32.24 0.82 0.00 | 51.38 1.28 0.00 | 21.43 0.56 0.00 | 27.70 1.17 0.00 | 28.09 0.97 0.00 | 28.05 1.17 0.00 | 31.58 1.23 0.00 | 29.31 0.98 0.00 | 27.08 0.42 0.00 | 26.17 0.02 0.00 | 28.37 0.50 0.00 | 31.40 0.73 0.00 | 26.81 0.23 0.00 | 25.26 0.12 0.00 | 25.21 -0.04 0.00 | 23.50 0.27 0.00 | 25.86 0.46 0.00 |
| EMPIRE_CC_1 323656 | 23.72 0.72 0.00 | 24.78 0.68 0.00 | 26.05 0.69 0.00 | 25.00 0.61 0.00 | 19.00 0.59 0.00 | 22.26 0.74 0.00 | 37.62 1.49 0.00 | 32.78 1.36 0.00 | 52.25 2.14 0.00 | 21.60 0.73 0.00 | 27.43 0.90 0.00 | 28.08 0.96 0.00 | 27.75 0.86 0.00 | 31.29 0.93 0.00 | 29.19 0.87 0.00 | 27.63 0.97 0.00 | 27.20 1.05 0.00 | 28.82 0.95 0.00 | 31.70 1.03 0.00 | 27.52 0.95 0.00 | 26.13 0.99 0.00 | 26.37 1.11 0.00 | 24.10 0.86 0.00 | 26.23 0.82 0.00 |

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|--------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| EMPIRE_CC_2 323658 | 23.72 0.72 0.00 | 24.78 0.68 0.00 | 26.05 0.69 0.00 | 25.00 0.61 0.00 | 19.00 0.59 0.00 | 22.26 0.74 0.00 | 37.62 1.49 0.00 | 32.78 1.36 0.00 | 52.25 2.14 0.00 | 21.60 0.73 0.00 | 27.43 0.90 0.00 | 28.08 0.96 0.00 | 27.75 0.86 0.00 | 31.29 0.93 0.00 | 29.19 0.87 0.00 | 27.63 0.97 0.00 | 27.20 1.05 0.00 | 28.82 0.95 0.00 | 31.70 1.03 0.00 | 27.52 0.95 0.00 | 26.13 0.99 0.00 | 26.37 1.11 0.00 | 24.10 0.86 0.00 | 26.23 0.82 0.00 |
| ENORWICH_115KV_TB1 80156 | 24.63 1.63 0.00 | 25.92 1.82 0.00 | 27.30 1.94 0.00 | 26.35 1.96 0.00 | 19.95 1.54 0.00 | 23.61 2.09 0.00 | 39.79 3.65 0.00 | 34.99 3.57 0.00 | 56.13 6.03 0.00 | 23.09 2.22 0.00 | 29.25 2.72 0.00 | 29.93 2.81 0.00 | 29.87 2.98 0.00 | 33.70 3.34 0.00 | 31.54 3.21 0.00 | 29.65 2.99 0.00 | 29.18 3.03 0.00 | 31.23 3.35 0.00 | 34.56 3.89 0.00 | 29.79 3.22 0.00 | 28.24 3.11 0.00 | 28.12 2.87 0.00 | 25.83 2.59 0.00 | 28.08 2.67 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 23.32 0.32 0.00 | 24.66 0.56 0.00 | 26.01 0.65 0.00 | 25.21 0.82 0.00 | 18.96 0.55 0.00 | 22.62 1.10 0.00 | 37.31 1.18 0.00 | 32.98 1.56 0.00 | 52.54 2.44 0.00 | 21.89 1.02 0.00 | 28.29 1.76 0.00 | 28.69 1.57 0.00 | 28.65 1.77 0.00 | 32.28 1.92 0.00 | 29.96 1.63 0.00 | 27.70 1.04 0.00 | 26.79 0.64 0.00 | 29.01 1.14 0.00 | 32.15 1.48 0.00 | 27.46 0.88 0.00 | 25.88 0.74 0.00 | 25.81 0.56 0.00 | 24.03 0.80 0.00 | 26.42 1.01 0.00 |
| ERIE_WT_PWR 323693 | 23.05 0.06 0.00 | 24.38 0.28 0.00 | 25.73 0.37 0.00 | 24.94 0.56 0.00 | 18.77 0.36 0.00 | 22.40 0.87 0.00 | 36.89 0.76 0.00 | 32.59 1.17 0.00 | 51.86 1.75 0.00 | 21.61 0.74 0.00 | 27.98 1.45 0.00 | 28.35 1.23 0.00 | 28.28 1.40 0.00 | 31.87 1.51 0.00 | 29.58 1.25 0.00 | 27.32 0.66 0.00 | 26.43 0.27 0.00 | 28.66 0.79 0.00 | 31.74 1.07 0.00 | 27.10 0.52 0.00 | 25.50 0.36 0.00 | 25.47 0.22 0.00 | 23.74 0.51 0.00 | 26.12 0.72 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 23.99 1.00 0.00 | 25.22 1.13 0.00 | 26.57 1.21 0.00 | 25.63 1.25 0.00 | 19.34 0.92 0.00 | 22.69 1.17 0.00 | 38.11 1.98 0.00 | 33.18 1.76 0.00 | 52.58 2.48 0.00 | 21.87 1.00 0.00 | 27.80 1.27 0.00 | 28.51 1.39 0.00 | 28.40 1.52 0.00 | 32.19 1.83 0.00 | 30.05 1.73 0.00 | 28.12 1.46 0.00 | 27.47 1.31 0.00 | 29.36 1.49 0.00 | 32.47 1.80 0.00 | 28.05 1.47 0.00 | 26.42 1.28 0.00 | 26.45 1.20 0.00 | 24.35 1.12 0.00 | 26.60 1.19 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 23.63 0.63 0.00 | 24.85 0.76 0.00 | 26.14 0.78 0.00 | 25.21 0.82 0.00 | 19.05 0.63 0.00 | 22.39 0.87 0.00 | 37.60 1.47 0.00 | 32.95 1.53 0.00 | 52.50 2.40 0.00 | 21.72 0.85 0.00 | 27.61 1.08 0.00 | 28.14 1.02 0.00 | 28.01 1.13 0.00 | 31.65 1.29 0.00 | 29.55 1.23 0.00 | 27.74 1.08 0.00 | 27.18 1.03 0.00 | 29.06 1.19 0.00 | 32.22 1.55 0.00 | 27.78 1.20 0.00 | 26.27 1.14 0.00 | 26.30 1.05 0.00 | 24.17 0.93 0.00 | 26.33 0.93 0.00 |
| ETNA_____115KV_TB2 80207 | 23.63 0.63 0.00 | 24.85 0.76 0.00 | 26.14 0.78 0.00 | 25.21 0.82 0.00 | 19.05 0.63 0.00 | 22.39 0.87 0.00 | 37.60 1.47 0.00 | 32.95 1.53 0.00 | 52.50 2.40 0.00 | 21.72 0.85 0.00 | 27.61 1.08 0.00 | 28.14 1.02 0.00 | 28.01 1.13 0.00 | 31.65 1.29 0.00 | 29.55 1.23 0.00 | 27.74 1.08 0.00 | 27.18 1.03 0.00 | 29.06 1.19 0.00 | 32.22 1.55 0.00 | 27.78 1.20 0.00 | 26.27 1.14 0.00 | 26.30 1.05 0.00 | 24.17 0.93 0.00 | 26.33 0.93 0.00 |
| EUCLID___115KV_TB2 356179 | 22.83 -0.17 0.00 | 23.98 -0.12 0.00 | 25.23 -0.13 0.00 | 24.29 -0.09 0.00 | 18.31 -0.10 0.00 | 21.42 -0.11 0.00 | 35.79 -0.35 0.00 | 31.24 -0.18 0.00 | 49.78 -0.33 0.00 | 20.71 -0.16 0.00 | 26.35 -0.18 0.00 | 26.88 -0.24 0.00 | 26.69 -0.19 0.00 | 30.14 -0.22 0.00 | 28.12 -0.21 0.00 | 26.39 -0.27 0.00 | 25.85 -0.30 0.00 | 27.62 -0.25 0.00 | 30.48 -0.19 0.00 | 26.31 -0.26 0.00 | 24.89 -0.25 0.00 | 24.95 -0.30 0.00 | 22.97 -0.27 0.00 | 25.11 -0.30 0.00 |
| E_CANADA_CAP_HY 24051 | 24.03 1.04 0.00 | 25.25 1.15 0.00 | 26.58 1.22 0.00 | 25.61 1.22 0.00 | 19.30 0.89 0.00 | 22.64 1.12 0.00 | 38.06 1.93 0.00 | 33.10 1.69 0.00 | 52.58 2.48 0.00 | 21.80 0.93 0.00 | 27.63 1.10 0.00 | 28.34 1.22 0.00 | 28.18 1.29 0.00 | 31.99 1.63 0.00 | 29.89 1.56 0.00 | 27.98 1.32 0.00 | 27.34 1.19 0.00 | 29.31 1.43 0.00 | 32.32 1.64 0.00 | 27.91 1.34 0.00 | 26.27 1.14 0.00 | 26.35 1.10 0.00 | 24.28 1.05 0.00 | 26.52 1.12 0.00 |
| E_CANADA_MHWK_HY 24050 | 23.35 0.36 0.00 | 24.50 0.40 0.00 | 25.80 0.44 0.00 | 24.77 0.38 0.00 | 18.82 0.41 0.00 | 22.13 0.61 0.00 | 37.36 1.22 0.00 | 32.63 1.21 0.00 | 51.78 1.68 0.00 | 21.16 0.29 0.00 | 26.79 0.26 0.00 | 27.32 0.20 0.00 | 27.06 0.18 0.00 | 30.65 0.29 0.00 | 28.77 0.44 0.00 | 27.34 0.68 0.00 | 27.19 1.04 0.00 | 28.81 0.94 0.00 | 31.69 1.02 0.00 | 27.51 0.94 0.00 | 26.23 1.10 0.00 | 26.26 1.00 0.00 | 24.01 0.77 0.00 | 26.05 0.64 0.00 |
| E_FISHKILL___LBMP 23776 | 23.88 0.89 0.00 | 24.92 0.82 0.00 | 26.18 0.82 0.00 | 25.19 0.80 0.00 | 19.19 0.77 0.00 | 22.51 0.99 0.00 | 38.03 1.90 0.00 | 33.19 1.78 0.00 | 52.97 2.86 0.00 | 22.00 1.14 0.00 | 27.96 1.43 0.00 | 28.71 1.59 0.00 | 28.34 1.46 0.00 | 31.97 1.61 0.00 | 29.86 1.53 0.00 | 28.19 1.53 0.00 | 27.76 1.60 0.00 | 29.47 1.59 0.00 | 32.51 1.84 0.00 | 28.10 1.52 0.00 | 26.63 1.50 0.00 | 26.84 1.58 0.00 | 24.54 1.31 0.00 | 26.67 1.27 0.00 |
| FALCON___SEABRD_CC1 323796 | 23.01 0.02 0.00 | 24.16 0.06 0.00 | 25.50 0.14 0.00 | 24.54 0.15 0.00 | 18.28 -0.13 0.00 | 21.11 -0.41 0.00 | 35.25 -0.88 0.00 | 29.71 -1.72 0.00 | 47.74 -2.36 0.00 | 20.30 -0.57 0.00 | 26.60 0.07 0.00 | 27.33 0.21 0.00 | 27.04 0.16 0.00 | 30.66 0.30 0.00 | 28.56 0.23 0.00 | 26.93 0.27 0.00 | 25.88 -0.27 0.00 | 27.18 -0.69 0.00 | 29.75 -0.92 0.00 | 26.01 -0.56 0.00 | 24.52 -0.62 0.00 | 24.72 -0.54 0.00 | 23.00 -0.23 0.00 | 26.01 0.61 0.00 |
| FALCON___SEABRD_CC2 323797 | 23.01 0.02 0.00 | 24.16 0.06 0.00 | 25.50 0.14 0.00 | 24.54 0.15 0.00 | 18.28 -0.13 0.00 | 21.11 -0.41 0.00 | 35.25 -0.88 0.00 | 29.71 -1.72 0.00 | 47.74 -2.36 0.00 | 20.30 -0.57 0.00 | 26.60 0.07 0.00 | 27.33 0.21 0.00 | 27.04 0.16 0.00 | 30.66 0.30 0.00 | 28.56 0.23 0.00 | 26.93 0.27 0.00 | 25.88 -0.27 0.00 | 27.18 -0.69 0.00 | 29.75 -0.92 0.00 | 26.01 -0.56 0.00 | 24.52 -0.62 0.00 | 24.72 -0.54 0.00 | 23.00 -0.23 0.00 | 26.01 0.61 0.00 |
| FAR ROCKAWAY___4 23548 | 24.43 1.43 0.00 | 25.48 1.38 0.00 | 26.72 1.36 0.00 | 25.63 1.24 0.00 | 19.55 1.14 0.00 | 22.94 1.42 0.00 | 38.79 2.66 0.00 | 33.75 2.33 0.00 | 53.97 3.87 0.00 | 22.43 1.56 0.00 | 28.61 2.08 0.00 | 29.38 2.26 0.00 | 28.96 2.08 0.00 | 32.74 2.38 0.00 | 30.63 2.31 0.00 | 28.88 2.22 0.00 | 28.42 2.27 0.00 | 29.80 1.93 0.00 | 33.00 2.32 0.00 | 28.50 1.92 0.00 | 27.25 2.11 0.00 | 27.50 2.25 0.00 | 25.16 1.92 0.00 | 27.33 1.92 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 24.10 1.11 0.00 | 25.09 1.00 0.00 | 26.35 0.99 0.00 | 25.38 0.99 0.00 | 19.39 0.98 0.00 | 22.78 1.26 0.00 | 38.50 2.37 0.00 | 33.60 2.18 0.00 | 53.63 3.53 0.00 | 22.36 1.49 0.00 | 28.38 1.85 0.00 | 29.18 2.06 0.00 | 28.82 1.93 0.00 | 32.49 2.13 0.00 | 30.32 2.00 0.00 | 28.62 1.96 0.00 | 28.17 2.02 0.00 | 29.84 1.97 0.00 | 32.95 2.28 0.00 | 28.45 1.87 0.00 | 26.97 1.83 0.00 | 27.15 1.89 0.00 | 24.82 1.58 0.00 | 26.98 1.57 0.00 |

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|--------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 24.12 1.13 0.00 | 25.10 1.00 0.00 | 26.36 1.00 0.00 | 25.38 1.00 0.00 | 19.40 0.99 0.00 | 22.79 1.27 0.00 | 38.51 2.38 0.00 | 33.61 2.19 0.00 | 53.64 3.54 0.00 | 22.36 1.49 0.00 | 28.39 1.86 0.00 | 29.18 2.06 0.00 | 28.83 1.94 0.00 | 32.50 2.14 0.00 | 30.33 2.01 0.00 | 28.63 1.97 0.00 | 28.18 2.02 0.00 | 29.85 1.98 0.00 | 32.97 2.30 0.00 | 28.46 1.89 0.00 | 26.98 1.85 0.00 | 27.16 1.91 0.00 | 24.83 1.60 0.00 | 26.99 1.59 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 24.10 1.10 0.00 | 25.08 0.99 0.00 | 26.35 0.99 0.00 | 25.36 0.97 0.00 | 19.38 0.97 0.00 | 22.77 1.25 0.00 | 38.48 2.34 0.00 | 33.58 2.17 0.00 | 53.62 3.52 0.00 | 22.35 1.48 0.00 | 28.37 1.84 0.00 | 29.16 2.04 0.00 | 28.81 1.92 0.00 | 32.48 2.12 0.00 | 30.31 1.99 0.00 | 28.61 1.95 0.00 | 28.16 2.00 0.00 | 29.83 1.96 0.00 | 32.94 2.27 0.00 | 28.44 1.86 0.00 | 26.96 1.82 0.00 | 27.13 1.88 0.00 | 24.81 1.58 0.00 | 26.97 1.56 0.00 |
| FARRAGUT___LBMP 323566 | 24.08 1.08 0.00 | 25.07 0.97 0.00 | 26.32 0.97 0.00 | 25.35 0.96 0.00 | 19.38 0.96 0.00 | 22.76 1.24 0.00 | 38.46 2.32 0.00 | 33.56 2.14 0.00 | 53.55 3.44 0.00 | 22.33 1.46 0.00 | 28.34 1.81 0.00 | 29.12 2.00 0.00 | 28.78 1.90 0.00 | 32.44 2.08 0.00 | 30.28 1.95 0.00 | 28.58 1.92 0.00 | 28.13 1.98 0.00 | 29.80 1.93 0.00 | 32.91 2.24 0.00 | 28.41 1.84 0.00 | 26.93 1.80 0.00 | 27.11 1.86 0.00 | 24.79 1.55 0.00 | 26.95 1.55 0.00 |
| FENNER___WINDPWR 24204 | 23.58 0.59 0.00 | 24.76 0.66 0.00 | 26.05 0.69 0.00 | 25.06 0.67 0.00 | 18.94 0.53 0.00 | 22.26 0.73 0.00 | 37.39 1.26 0.00 | 32.62 1.20 0.00 | 52.05 1.95 0.00 | 21.55 0.68 0.00 | 27.38 0.85 0.00 | 27.86 0.74 0.00 | 27.64 0.76 0.00 | 31.34 0.98 0.00 | 29.29 0.97 0.00 | 27.56 0.90 0.00 | 27.12 0.96 0.00 | 28.89 1.02 0.00 | 31.82 1.15 0.00 | 27.48 0.91 0.00 | 26.01 0.88 0.00 | 26.02 0.77 0.00 | 23.92 0.69 0.00 | 26.14 0.73 0.00 |
| FIBERTEK___ENERGY 23856 | 23.17 0.18 0.00 | 24.36 0.26 0.00 | 25.61 0.25 0.00 | 24.68 0.29 0.00 | 18.63 0.22 0.00 | 21.80 0.28 0.00 | 36.47 0.34 0.00 | 31.85 0.43 0.00 | 50.73 0.62 0.00 | 21.08 0.21 0.00 | 26.83 0.30 0.00 | 27.37 0.25 0.00 | 27.18 0.29 0.00 | 30.68 0.32 0.00 | 28.61 0.28 0.00 | 26.87 0.21 0.00 | 26.32 0.16 0.00 | 28.13 0.25 0.00 | 31.08 0.41 0.00 | 26.81 0.23 0.00 | 25.37 0.23 0.00 | 25.42 0.17 0.00 | 23.39 0.16 0.00 | 25.53 0.12 0.00 |
| FITZPATRICK____ 23598 | 22.46 -0.53 0.00 | 23.58 -0.52 0.00 | 24.81 -0.55 0.00 | 23.87 -0.52 0.00 | 17.98 -0.43 0.00 | 21.00 -0.52 0.00 | 35.06 -1.07 0.00 | 30.56 -0.86 0.00 | 48.68 -1.43 0.00 | 20.29 -0.58 0.00 | 25.78 -0.75 0.00 | 26.32 -0.81 0.00 | 26.12 -0.76 0.00 | 29.50 -0.86 0.00 | 27.52 -0.81 0.00 | 25.84 -0.83 0.00 | 25.33 -0.83 0.00 | 27.03 -0.84 0.00 | 29.79 -0.88 0.00 | 25.75 -0.83 0.00 | 24.36 -0.78 0.00 | 24.44 -0.81 0.00 | 22.52 -0.71 0.00 | 24.64 -0.77 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 24.44 1.45 0.00 | 25.44 1.34 0.00 | 26.57 1.21 0.00 | 25.41 1.02 0.00 | 19.51 1.10 0.00 | 22.83 1.31 0.00 | 38.82 2.69 0.00 | 33.65 2.23 0.00 | 54.30 4.20 0.00 | 22.50 1.63 0.00 | 28.71 2.17 0.00 | 29.56 2.44 0.00 | 29.03 2.14 0.00 | 32.80 2.44 0.00 | 30.67 2.35 0.00 | 28.80 2.13 0.00 | 28.20 2.05 0.00 | 30.18 2.31 0.00 | 33.68 3.01 0.00 | 28.85 2.28 0.00 | 27.06 1.93 0.00 | 27.46 2.21 0.00 | 25.03 1.80 0.00 | 27.06 1.65 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 24.16 1.16 0.00 | 25.20 1.11 0.00 | 26.47 1.11 0.00 | 25.48 1.10 0.00 | 19.41 1.00 0.00 | 22.80 1.28 0.00 | 38.56 2.42 0.00 | 33.65 2.24 0.00 | 53.68 3.58 0.00 | 22.29 1.42 0.00 | 28.29 1.76 0.00 | 29.02 1.89 0.00 | 28.66 1.78 0.00 | 32.37 2.01 0.00 | 30.26 1.93 0.00 | 28.58 1.92 0.00 | 28.14 1.98 0.00 | 29.90 2.02 0.00 | 33.00 2.33 0.00 | 28.52 1.94 0.00 | 27.01 1.88 0.00 | 27.19 1.94 0.00 | 24.86 1.63 0.00 | 27.00 1.59 0.00 |
| FORT ORANGE____ 23900 | 23.33 0.34 0.00 | 24.41 0.31 0.00 | 25.66 0.29 0.00 | 24.64 0.26 0.00 | 18.72 0.31 0.00 | 21.94 0.42 0.00 | 37.08 0.95 0.00 | 32.26 0.84 0.00 | 51.40 1.30 0.00 | 21.23 0.36 0.00 | 26.86 0.33 0.00 | 27.51 0.39 0.00 | 27.24 0.36 0.00 | 30.71 0.35 0.00 | 28.68 0.36 0.00 | 27.16 0.50 0.00 | 26.80 0.64 0.00 | 28.42 0.55 0.00 | 31.29 0.62 0.00 | 27.15 0.57 0.00 | 25.77 0.63 0.00 | 26.01 0.75 0.00 | 23.74 0.51 0.00 | 25.78 0.38 0.00 |
| FORT_DRUM_COGEN 23780 | 23.40 0.40 0.00 | 24.45 0.36 0.00 | 25.74 0.38 0.00 | 24.81 0.42 0.00 | 18.75 0.34 0.00 | 22.04 0.52 0.00 | 37.19 1.06 0.00 | 32.38 0.96 0.00 | 51.46 1.36 0.00 | 21.08 0.21 0.00 | 26.37 -0.16 0.00 | 26.92 -0.20 0.00 | 26.96 0.07 0.00 | 30.61 0.25 0.00 | 28.55 0.22 0.00 | 26.91 0.25 0.00 | 26.50 0.34 0.00 | 28.36 0.49 0.00 | 31.19 0.52 0.00 | 27.01 0.44 0.00 | 25.44 0.30 0.00 | 25.43 0.18 0.00 | 23.49 0.26 0.00 | 25.79 0.39 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 24.43 1.43 0.00 | 25.47 1.38 0.00 | 26.72 1.36 0.00 | 25.63 1.24 0.00 | 19.55 1.14 0.00 | 22.94 1.42 0.00 | 38.79 2.66 0.00 | 33.75 2.33 0.00 | 53.97 3.87 0.00 | 22.44 1.57 0.00 | 28.61 2.08 0.00 | 29.38 2.25 0.00 | 28.96 2.08 0.00 | 32.74 2.38 0.00 | 30.63 2.31 0.00 | 28.89 2.23 0.00 | 28.42 2.27 0.00 | 29.79 1.92 0.00 | 33.00 2.32 0.00 | 28.49 1.92 0.00 | 27.26 2.12 0.00 | 27.50 2.25 0.00 | 25.16 1.93 0.00 | 27.33 1.92 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 24.43 1.43 0.00 | 25.47 1.38 0.00 | 26.72 1.36 0.00 | 25.63 1.24 0.00 | 19.55 1.14 0.00 | 22.94 1.42 0.00 | 38.79 2.66 0.00 | 33.75 2.33 0.00 | 53.97 3.87 0.00 | 22.44 1.57 0.00 | 28.61 2.08 0.00 | 29.38 2.25 0.00 | 28.96 2.08 0.00 | 32.74 2.38 0.00 | 30.63 2.31 0.00 | 28.89 2.23 0.00 | 28.42 2.27 0.00 | 29.79 1.92 0.00 | 33.00 2.32 0.00 | 28.49 1.92 0.00 | 27.26 2.12 0.00 | 27.50 2.25 0.00 | 25.16 1.93 0.00 | 27.33 1.92 0.00 |
| FRANKLIN_FALL_HYD 24054 | 23.17 0.18 0.00 | 24.32 0.22 0.00 | 25.65 0.29 0.00 | 24.69 0.30 0.00 | 18.43 0.01 0.00 | 21.35 -0.17 0.00 | 35.98 -0.16 0.00 | 30.78 -0.64 0.00 | 49.33 -0.77 0.00 | 20.76 -0.11 0.00 | 26.74 0.21 0.00 | 27.29 0.17 0.00 | 26.99 0.11 0.00 | 30.57 0.21 0.00 | 28.47 0.14 0.00 | 26.86 0.20 0.00 | 26.19 0.04 0.00 | 27.81 -0.06 0.00 | 30.50 -0.17 0.00 | 26.56 -0.01 0.00 | 25.05 -0.09 0.00 | 25.18 -0.08 0.00 | 23.33 0.10 0.00 | 25.93 0.53 0.00 |
| FREEPORT_EQUS_GT1 23764 | 24.27 1.28 0.00 | 25.30 1.21 0.00 | 26.52 1.16 0.00 | 25.44 1.05 0.00 | 19.40 0.99 0.00 | 22.79 1.27 0.00 | 38.42 2.29 0.00 | 33.44 2.02 0.00 | 53.57 3.46 0.00 | 22.30 1.43 0.00 | 28.40 1.87 0.00 | 29.17 2.05 0.00 | 28.75 1.87 0.00 | 32.49 2.13 0.00 | 30.41 2.08 0.00 | 28.65 1.99 0.00 | 28.09 1.94 0.00 | 29.77 1.89 0.00 | 33.02 2.35 0.00 | 28.44 1.87 0.00 | 26.94 1.81 0.00 | 27.32 2.06 0.00 | 25.00 1.76 0.00 | 27.10 1.69 0.00 |
| FREEPORT___CT2 23818 | 24.27 1.28 0.00 | 25.30 1.21 0.00 | 26.52 1.16 0.00 | 25.44 1.05 0.00 | 19.40 0.99 0.00 | 22.79 1.27 0.00 | 38.42 2.29 0.00 | 33.44 2.02 0.00 | 53.57 3.46 0.00 | 22.30 1.43 0.00 | 28.40 1.87 0.00 | 29.17 2.05 0.00 | 28.75 1.87 0.00 | 32.49 2.13 0.00 | 30.41 2.08 0.00 | 28.65 1.99 0.00 | 28.09 1.94 0.00 | 29.77 1.89 0.00 | 33.02 2.35 0.00 | 28.44 1.87 0.00 | 26.94 1.81 0.00 | 27.32 2.06 0.00 | 25.00 1.76 0.00 | 27.10 1.69 0.00 |

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| FRESHKLS_33_KV_LOAD 356253 | 24.24 1.25 0.00 | 25.27 1.18 0.00 | 26.55 1.19 0.00 | 25.58 1.19 0.00 | 19.57 1.16 0.00 | 22.97 1.45 0.00 | 38.50 2.37 0.00 | 33.58 2.17 0.00 | 53.50 3.40 0.00 | 22.50 1.63 0.00 | 28.37 1.84 0.00 | 29.16 2.04 0.00 | 28.78 1.89 0.00 | 32.27 1.91 0.00 | 30.24 1.91 0.00 | 28.68 2.02 0.00 | 28.18 2.03 0.00 | 29.75 1.88 0.00 | 32.77 2.10 0.00 | 28.58 2.01 0.00 | 27.15 2.01 0.00 | 27.29 2.03 0.00 | 24.82 1.59 0.00 | 26.87 1.47 0.00 |
| FULTON COGEN____ 23766 | 22.82 -0.18 0.00 | 23.95 -0.15 0.00 | 25.20 -0.16 0.00 | 24.25 -0.14 0.00 | 18.28 -0.13 0.00 | 21.37 -0.15 0.00 | 35.70 -0.43 0.00 | 31.13 -0.29 0.00 | 49.57 -0.54 0.00 | 20.65 -0.22 0.00 | 26.26 -0.27 0.00 | 26.79 -0.33 0.00 | 26.59 -0.30 0.00 | 30.04 -0.33 0.00 | 28.00 -0.33 0.00 | 26.27 -0.40 0.00 | 25.76 -0.39 0.00 | 27.48 -0.39 0.00 | 30.29 -0.38 0.00 | 26.17 -0.40 0.00 | 24.78 -0.36 0.00 | 24.84 -0.42 0.00 | 22.90 -0.33 0.00 | 25.05 -0.35 0.00 |
| FULTON____LFGE 323630 | 24.53 1.54 0.00 | 25.73 1.64 0.00 | 26.93 1.57 0.00 | 25.85 1.46 0.00 | 19.53 1.12 0.00 | 23.08 1.56 0.00 | 38.50 2.36 0.00 | 33.42 2.00 0.00 | 52.32 2.22 0.00 | 20.99 0.12 0.00 | 26.66 0.13 0.00 | 27.62 0.50 0.00 | 27.64 0.76 0.00 | 32.04 1.68 0.00 | 30.09 1.77 0.00 | 28.24 1.58 0.00 | 28.03 1.88 0.00 | 30.12 2.24 0.00 | 32.91 2.23 0.00 | 28.43 1.86 0.00 | 27.04 1.90 0.00 | 27.00 1.75 0.00 | 24.96 1.72 0.00 | 27.13 1.72 0.00 |
| G.F.CEMENT____DRP 24184 | 24.19 1.20 0.00 | 25.22 1.12 0.00 | 26.40 1.04 0.00 | 25.17 0.78 0.00 | 19.01 0.60 0.00 | 22.25 0.72 0.00 | 37.80 1.67 0.00 | 33.23 1.82 0.00 | 52.92 2.82 0.00 | 21.62 0.74 0.00 | 27.44 0.91 0.00 | 28.03 0.91 0.00 | 27.71 0.83 0.00 | 31.32 0.96 0.00 | 29.23 0.90 0.00 | 27.73 1.08 0.00 | 27.45 1.30 0.00 | 29.27 1.39 0.00 | 32.05 1.38 0.00 | 27.92 1.34 0.00 | 26.44 1.30 0.00 | 26.73 1.48 0.00 | 24.36 1.13 0.00 | 26.40 0.99 0.00 |
| GARDENVILLE____LBMP 24039 | 22.96 -0.04 0.00 | 24.30 0.20 0.00 | 25.64 0.28 0.00 | 24.85 0.47 0.00 | 18.70 0.29 0.00 | 22.30 0.78 0.00 | 36.73 0.60 0.00 | 32.43 1.01 0.00 | 51.66 1.55 0.00 | 21.54 0.67 0.00 | 27.84 1.31 0.00 | 28.23 1.11 0.00 | 28.18 1.30 0.00 | 31.74 1.38 0.00 | 29.46 1.13 0.00 | 27.22 0.56 0.00 | 26.32 0.16 0.00 | 28.53 0.65 0.00 | 31.60 0.93 0.00 | 26.98 0.40 0.00 | 25.42 0.28 0.00 | 25.37 0.11 0.00 | 23.64 0.41 0.00 | 26.00 0.60 0.00 |
| GARDNVLA_35_KV_LD 355827 | 23.06 0.07 0.00 | 24.40 0.30 0.00 | 25.74 0.39 0.00 | 24.96 0.57 0.00 | 18.78 0.36 0.00 | 22.39 0.87 0.00 | 36.89 0.75 0.00 | 32.58 1.16 0.00 | 51.90 1.80 0.00 | 21.64 0.77 0.00 | 27.99 1.46 0.00 | 28.37 1.25 0.00 | 28.32 1.44 0.00 | 31.91 1.55 0.00 | 29.60 1.28 0.00 | 27.36 0.70 0.00 | 26.45 0.30 0.00 | 28.67 0.80 0.00 | 31.77 1.10 0.00 | 27.12 0.55 0.00 | 25.56 0.42 0.00 | 25.50 0.24 0.00 | 23.75 0.51 0.00 | 26.12 0.71 0.00 |
| GELCKHM__115KV_LOAD 80723 | 22.95 -0.04 0.00 | 24.12 0.02 0.00 | 25.37 0.01 0.00 | 24.44 0.05 0.00 | 18.43 0.02 0.00 | 21.56 0.04 0.00 | 36.06 -0.08 0.00 | 31.49 0.07 0.00 | 50.16 0.06 0.00 | 20.86 -0.01 0.00 | 26.53 0.00 0.00 | 27.07 -0.05 0.00 | 26.89 0.01 0.00 | 30.36 0.00 0.00 | 28.32 -0.01 0.00 | 26.58 -0.08 0.00 | 26.03 -0.12 0.00 | 27.83 -0.05 0.00 | 30.72 0.05 0.00 | 26.51 -0.06 0.00 | 25.07 -0.07 0.00 | 25.14 -0.11 0.00 | 23.13 -0.10 0.00 | 25.27 -0.14 0.00 |
| GENERAL____MILLS 23808 | 23.03 0.03 0.00 | 24.36 0.27 0.00 | 25.71 0.35 0.00 | 24.93 0.54 0.00 | 18.76 0.34 0.00 | 22.37 0.85 0.00 | 36.84 0.71 0.00 | 32.53 1.11 0.00 | 51.83 1.73 0.00 | 21.61 0.74 0.00 | 27.94 1.41 0.00 | 28.32 1.20 0.00 | 28.27 1.39 0.00 | 31.84 1.49 0.00 | 29.55 1.22 0.00 | 27.31 0.65 0.00 | 26.40 0.25 0.00 | 28.61 0.74 0.00 | 31.71 1.04 0.00 | 27.07 0.49 0.00 | 25.51 0.37 0.00 | 25.45 0.19 0.00 | 23.71 0.48 0.00 | 26.08 0.68 0.00 |
| GE_PLASTICS____DRP 24183 | 23.47 0.48 0.00 | 24.56 0.46 0.00 | 25.82 0.46 0.00 | 24.81 0.43 0.00 | 18.84 0.43 0.00 | 22.05 0.53 0.00 | 37.21 1.08 0.00 | 32.42 1.01 0.00 | 51.67 1.57 0.00 | 21.40 0.53 0.00 | 27.14 0.61 0.00 | 27.80 0.67 0.00 | 27.50 0.62 0.00 | 31.01 0.65 0.00 | 28.95 0.62 0.00 | 27.38 0.72 0.00 | 26.98 0.83 0.00 | 28.65 0.78 0.00 | 31.54 0.86 0.00 | 27.35 0.78 0.00 | 25.93 0.79 0.00 | 26.14 0.89 0.00 | 23.91 0.67 0.00 | 26.00 0.59 0.00 |
| GILBOA____1 23756 | 23.63 0.63 0.00 | 24.89 0.79 0.00 | 26.17 0.81 0.00 | 25.17 0.78 0.00 | 19.09 0.67 0.00 | 22.21 0.69 0.00 | 37.30 1.17 0.00 | 32.47 1.06 0.00 | 51.76 1.65 0.00 | 21.52 0.64 0.00 | 27.34 0.81 0.00 | 28.00 0.88 0.00 | 27.71 0.83 0.00 | 31.27 0.91 0.00 | 29.20 0.87 0.00 | 27.54 0.88 0.00 | 27.08 0.93 0.00 | 28.75 0.88 0.00 | 31.71 1.03 0.00 | 27.48 0.91 0.00 | 26.04 0.90 0.00 | 26.21 0.96 0.00 | 24.01 0.78 0.00 | 26.15 0.74 0.00 |
| GILBOA____2 23757 | 23.63 0.63 0.00 | 24.89 0.79 0.00 | 26.17 0.81 0.00 | 25.17 0.78 0.00 | 19.09 0.67 0.00 | 22.21 0.69 0.00 | 37.30 1.17 0.00 | 32.47 1.06 0.00 | 51.76 1.65 0.00 | 21.52 0.64 0.00 | 27.34 0.81 0.00 | 28.00 0.88 0.00 | 27.71 0.83 0.00 | 31.27 0.91 0.00 | 29.20 0.87 0.00 | 27.54 0.88 0.00 | 27.08 0.93 0.00 | 28.75 0.88 0.00 | 31.71 1.03 0.00 | 27.48 0.91 0.00 | 26.04 0.90 0.00 | 26.21 0.96 0.00 | 24.01 0.78 0.00 | 26.15 0.74 0.00 |
| GILBOA____3 23758 | 23.63 0.63 0.00 | 24.89 0.79 0.00 | 26.17 0.81 0.00 | 25.17 0.78 0.00 | 19.09 0.67 0.00 | 22.21 0.69 0.00 | 37.30 1.17 0.00 | 32.47 1.06 0.00 | 51.76 1.65 0.00 | 21.52 0.64 0.00 | 27.34 0.81 0.00 | 28.00 0.88 0.00 | 27.71 0.83 0.00 | 31.27 0.91 0.00 | 29.20 0.87 0.00 | 27.54 0.88 0.00 | 27.08 0.93 0.00 | 28.75 0.88 0.00 | 31.71 1.03 0.00 | 27.48 0.91 0.00 | 26.04 0.90 0.00 | 26.21 0.96 0.00 | 24.01 0.78 0.00 | 26.15 0.74 0.00 |
| GILBOA____4 23759 | 23.63 0.63 0.00 | 24.89 0.79 0.00 | 26.17 0.81 0.00 | 25.17 0.78 0.00 | 19.09 0.67 0.00 | 22.21 0.69 0.00 | 37.30 1.17 0.00 | 32.47 1.06 0.00 | 51.76 1.65 0.00 | 21.52 0.64 0.00 | 27.34 0.81 0.00 | 28.00 0.88 0.00 | 27.71 0.83 0.00 | 31.27 0.91 0.00 | 29.20 0.87 0.00 | 27.54 0.88 0.00 | 27.08 0.93 0.00 | 28.75 0.88 0.00 | 31.71 1.03 0.00 | 27.48 0.91 0.00 | 26.04 0.90 0.00 | 26.21 0.96 0.00 | 24.01 0.78 0.00 | 26.15 0.74 0.00 |
| GILBOA____ 23599 | 23.63 0.63 0.00 | 24.89 0.79 0.00 | 26.17 0.81 0.00 | 25.17 0.78 0.00 | 19.09 0.67 0.00 | 22.21 0.69 0.00 | 37.30 1.17 0.00 | 32.48 1.06 0.00 | 51.76 1.65 0.00 | 21.52 0.65 0.00 | 27.34 0.81 0.00 | 28.00 0.88 0.00 | 27.71 0.83 0.00 | 31.27 0.91 0.00 | 29.20 0.87 0.00 | 27.54 0.88 0.00 | 27.08 0.93 0.00 | 28.76 0.89 0.00 | 31.71 1.03 0.00 | 27.48 0.91 0.00 | 26.04 0.90 0.00 | 26.21 0.96 0.00 | 24.01 0.78 0.00 | 26.15 0.74 0.00 |
| GINNA____ 23603 | 21.90 -1.09 0.00 | 23.07 -1.02 0.00 | 24.31 -1.05 0.00 | 23.47 -0.92 0.00 | 17.69 -0.72 0.00 | 20.90 -0.62 0.00 | 34.78 -1.35 0.00 | 30.52 -0.90 0.00 | 48.62 -1.49 0.00 | 20.22 -0.65 0.00 | 25.84 -0.69 0.00 | 26.30 -0.82 0.00 | 26.20 -0.69 0.00 | 29.60 -0.76 0.00 | 27.58 -0.74 0.00 | 25.72 -0.94 0.00 | 25.06 -1.10 0.00 | 26.98 -0.90 0.00 | 29.76 -0.91 0.00 | 25.53 -1.04 0.00 | 24.06 -1.08 0.00 | 24.06 -1.19 0.00 | 22.24 -1.00 0.00 | 24.35 -1.06 0.00 |

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| GLEN PARK____ 23778 | 23.49 0.50 0.00 | 24.55 0.45 0.00 | 25.84 0.48 0.00 | 24.90 0.52 0.00 | 18.83 0.42 0.00 | 22.15 0.63 0.00 | 37.40 1.26 0.00 | 32.57 1.16 0.00 | 51.72 1.62 0.00 | 21.15 0.28 0.00 | 26.39 -0.14 0.00 | 26.97 -0.15 0.00 | 27.03 0.15 0.00 | 30.70 0.34 0.00 | 28.63 0.31 0.00 | 27.00 0.34 0.00 | 26.58 0.43 0.00 | 28.51 0.63 0.00 | 31.35 0.68 0.00 | 27.15 0.57 0.00 | 25.57 0.43 0.00 | 25.56 0.30 0.00 | 23.59 0.36 0.00 | 25.88 0.48 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 24.09 1.10 0.00 | 25.07 0.97 0.00 | 26.33 0.97 0.00 | 25.34 0.95 0.00 | 19.39 0.98 0.00 | 22.75 1.23 0.00 | 38.49 2.36 0.00 | 33.61 2.19 0.00 | 53.66 3.56 0.00 | 22.43 1.55 0.00 | 28.42 1.89 0.00 | 29.22 2.11 0.00 | 28.86 1.98 0.00 | 32.53 2.17 0.00 | 30.39 2.06 0.00 | 28.68 2.02 0.00 | 28.22 2.07 0.00 | 29.84 1.96 0.00 | 32.95 2.28 0.00 | 28.48 1.91 0.00 | 27.03 1.89 0.00 | 27.22 1.96 0.00 | 24.87 1.64 0.00 | 27.04 1.63 0.00 |
| GLENWOOD_IC_1_G5 23712 | 24.26 1.27 0.00 | 25.30 1.20 0.00 | 26.53 1.17 0.00 | 25.46 1.07 0.00 | 19.43 1.02 0.00 | 22.83 1.31 0.00 | 38.59 2.45 0.00 | 33.61 2.20 0.00 | 53.80 3.70 0.00 | 22.35 1.48 0.00 | 28.48 1.95 0.00 | 29.25 2.13 0.00 | 28.85 1.96 0.00 | 32.59 2.23 0.00 | 30.48 2.15 0.00 | 28.73 2.07 0.00 | 28.26 2.10 0.00 | 29.94 2.06 0.00 | 33.16 2.49 0.00 | 28.56 1.99 0.00 | 27.06 1.92 0.00 | 27.33 2.08 0.00 | 24.99 1.76 0.00 | 27.11 1.70 0.00 |
| GLENWOOD_IC_2_G1 23688 | 24.21 1.22 0.00 | 25.25 1.15 0.00 | 26.48 1.12 0.00 | 25.41 1.03 0.00 | 19.39 0.99 0.00 | 22.78 1.26 0.00 | 38.50 2.37 0.00 | 33.54 2.12 0.00 | 53.67 3.56 0.00 | 22.30 1.43 0.00 | 28.39 1.87 0.00 | 29.18 2.06 0.00 | 28.78 1.89 0.00 | 32.51 2.15 0.00 | 30.39 2.07 0.00 | 28.66 2.00 0.00 | 28.18 2.03 0.00 | 29.83 1.96 0.00 | 33.06 2.39 0.00 | 28.49 1.91 0.00 | 27.00 1.86 0.00 | 27.27 2.01 0.00 | 24.93 1.69 0.00 | 27.05 1.64 0.00 |
| GLENWOOD_IC_3_G1 23689 | 24.21 1.22 0.00 | 25.25 1.15 0.00 | 26.48 1.12 0.00 | 25.41 1.03 0.00 | 19.39 0.99 0.00 | 22.78 1.26 0.00 | 38.50 2.37 0.00 | 33.54 2.12 0.00 | 53.67 3.56 0.00 | 22.30 1.43 0.00 | 28.39 1.87 0.00 | 29.18 2.06 0.00 | 28.78 1.89 0.00 | 32.51 2.15 0.00 | 30.39 2.07 0.00 | 28.66 2.00 0.00 | 28.18 2.03 0.00 | 29.83 1.96 0.00 | 33.06 2.39 0.00 | 28.49 1.91 0.00 | 27.00 1.86 0.00 | 27.27 2.01 0.00 | 24.93 1.69 0.00 | 27.05 1.64 0.00 |
| GLENWOOD____4 23550 | 24.26 1.27 0.00 | 25.30 1.20 0.00 | 26.53 1.17 0.00 | 25.46 1.07 0.00 | 19.43 1.02 0.00 | 22.83 1.31 0.00 | 38.59 2.45 0.00 | 33.61 2.20 0.00 | 53.80 3.70 0.00 | 22.35 1.48 0.00 | 28.48 1.95 0.00 | 29.25 2.13 0.00 | 28.85 1.96 0.00 | 32.59 2.23 0.00 | 30.48 2.15 0.00 | 28.73 2.07 0.00 | 28.26 2.10 0.00 | 29.94 2.06 0.00 | 33.16 2.49 0.00 | 28.56 1.99 0.00 | 27.06 1.92 0.00 | 27.33 2.08 0.00 | 24.99 1.76 0.00 | 27.11 1.70 0.00 |
| GLENWOOD____5 23614 | 24.26 1.27 0.00 | 25.30 1.20 0.00 | 26.53 1.17 0.00 | 25.46 1.07 0.00 | 19.43 1.02 0.00 | 22.83 1.31 0.00 | 38.59 2.45 0.00 | 33.61 2.20 0.00 | 53.80 3.70 0.00 | 22.35 1.48 0.00 | 28.48 1.95 0.00 | 29.25 2.13 0.00 | 28.85 1.96 0.00 | 32.59 2.23 0.00 | 30.48 2.15 0.00 | 28.73 2.07 0.00 | 28.26 2.10 0.00 | 29.94 2.06 0.00 | 33.16 2.49 0.00 | 28.56 1.99 0.00 | 27.06 1.92 0.00 | 27.33 2.08 0.00 | 24.99 1.76 0.00 | 27.11 1.70 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 24.99 1.99 0.00 | 25.97 1.87 0.00 | 27.09 1.73 0.00 | 25.90 1.52 0.00 | 19.94 1.53 0.00 | 23.35 1.82 0.00 | 39.76 3.63 0.00 | 34.43 3.01 0.00 | 55.79 5.69 0.00 | 23.12 2.25 0.00 | 29.34 2.81 0.00 | 30.15 3.03 0.00 | 29.56 2.68 0.00 | 33.48 3.12 0.00 | 31.32 3.00 0.00 | 29.44 2.78 0.00 | 28.89 2.74 0.00 | 30.86 2.98 0.00 | 34.66 3.99 0.00 | 29.61 3.04 0.00 | 27.81 2.67 0.00 | 28.08 2.83 0.00 | 25.58 2.35 0.00 | 27.63 2.23 0.00 |
| GLOBE____DSASP 323697 | 22.23 -0.77 0.00 | 23.51 -0.59 0.00 | 24.81 -0.55 0.00 | 24.05 -0.34 0.00 | 18.08 -0.33 0.00 | 21.56 0.04 0.00 | 35.31 -0.82 0.00 | 31.11 -0.31 0.00 | 49.61 -0.49 0.00 | 20.75 -0.12 0.00 | 26.81 0.28 0.00 | 27.20 0.08 0.00 | 27.19 0.31 0.00 | 30.56 0.20 0.00 | 28.38 0.06 0.00 | 26.14 -0.52 0.00 | 25.25 -0.90 0.00 | 27.39 -0.48 0.00 | 30.26 -0.41 0.00 | 25.83 -0.75 0.00 | 24.35 -0.79 0.00 | 24.29 -0.96 0.00 | 22.71 -0.52 0.00 | 25.03 -0.38 0.00 |
| GOETHSLN____LBMP 323567 | 23.98 0.98 0.00 | 24.96 0.86 0.00 | 26.21 0.85 0.00 | 25.24 0.85 0.00 | 19.30 0.89 0.00 | 22.68 1.16 0.00 | 38.30 2.17 0.00 | 33.43 2.01 0.00 | 53.32 3.22 0.00 | 22.24 1.37 0.00 | 28.21 1.68 0.00 | 29.01 1.89 0.00 | 28.65 1.76 0.00 | 32.30 1.94 0.00 | 30.15 1.82 0.00 | 28.46 1.80 0.00 | 28.02 1.86 0.00 | 29.67 1.80 0.00 | 32.77 2.10 0.00 | 28.29 1.72 0.00 | 26.82 1.68 0.00 | 26.99 1.74 0.00 | 24.69 1.46 0.00 | 26.87 1.46 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 23.12 0.13 0.00 | 24.40 0.30 0.00 | 25.77 0.41 0.00 | 24.86 0.47 0.00 | 18.72 0.31 0.00 | 22.29 0.77 0.00 | 37.02 0.88 0.00 | 32.38 0.96 0.00 | 51.48 1.38 0.00 | 21.48 0.61 0.00 | 27.47 0.94 0.00 | 27.95 0.83 0.00 | 27.88 1.00 0.00 | 31.44 1.08 0.00 | 29.23 0.91 0.00 | 27.25 0.59 0.00 | 26.41 0.25 0.00 | 28.49 0.62 0.00 | 31.48 0.81 0.00 | 26.97 0.39 0.00 | 25.43 0.29 0.00 | 25.36 0.11 0.00 | 23.56 0.33 0.00 | 25.95 0.55 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 23.86 0.87 0.00 | 25.07 0.97 0.00 | 26.39 1.03 0.00 | 25.45 1.06 0.00 | 19.25 0.84 0.00 | 22.56 1.04 0.00 | 37.95 1.82 0.00 | 33.09 1.67 0.00 | 52.34 2.24 0.00 | 21.76 0.89 0.00 | 27.70 1.17 0.00 | 28.40 1.28 0.00 | 28.28 1.40 0.00 | 31.97 1.61 0.00 | 29.85 1.53 0.00 | 28.00 1.34 0.00 | 27.40 1.25 0.00 | 29.22 1.34 0.00 | 32.34 1.68 0.00 | 27.95 1.38 0.00 | 26.40 1.26 0.00 | 26.45 1.20 0.00 | 24.30 1.06 0.00 | 26.50 1.10 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 23.32 0.32 0.00 | 24.54 0.44 0.00 | 25.84 0.49 0.00 | 24.92 0.53 0.00 | 18.81 0.40 0.00 | 22.14 0.62 0.00 | 37.15 1.02 0.00 | 32.54 1.12 0.00 | 51.86 1.76 0.00 | 21.46 0.59 0.00 | 27.46 0.93 0.00 | 27.97 0.84 0.00 | 27.80 0.92 0.00 | 31.35 0.99 0.00 | 29.27 0.95 0.00 | 27.42 0.76 0.00 | 26.80 0.65 0.00 | 28.67 0.80 0.00 | 31.85 1.18 0.00 | 27.46 0.89 0.00 | 25.95 0.81 0.00 | 26.01 0.76 0.00 | 23.94 0.70 0.00 | 26.13 0.72 0.00 |
| GOUDEY____7 23579 | 23.34 0.34 0.00 | 24.56 0.46 0.00 | 25.86 0.50 0.00 | 24.94 0.55 0.00 | 18.83 0.42 0.00 | 22.16 0.64 0.00 | 37.18 1.05 0.00 | 32.57 1.15 0.00 | 51.91 1.81 0.00 | 21.48 0.61 0.00 | 27.48 0.95 0.00 | 28.00 0.88 0.00 | 27.83 0.95 0.00 | 31.38 1.02 0.00 | 29.31 0.98 0.00 | 27.45 0.79 0.00 | 26.83 0.68 0.00 | 28.70 0.83 0.00 | 31.88 1.21 0.00 | 27.49 0.91 0.00 | 25.98 0.84 0.00 | 26.04 0.79 0.00 | 23.96 0.73 0.00 | 26.15 0.74 0.00 |
| GOUDEY____8 23580 | 23.32 0.32 0.00 | 24.54 0.44 0.00 | 25.84 0.49 0.00 | 24.92 0.53 0.00 | 18.81 0.40 0.00 | 22.14 0.62 0.00 | 37.15 1.02 0.00 | 32.54 1.12 0.00 | 51.86 1.76 0.00 | 21.46 0.59 0.00 | 27.46 0.93 0.00 | 27.97 0.84 0.00 | 27.80 0.92 0.00 | 31.35 0.99 0.00 | 29.27 0.95 0.00 | 27.42 0.76 0.00 | 26.80 0.65 0.00 | 28.67 0.80 0.00 | 31.85 1.18 0.00 | 27.46 0.89 0.00 | 25.95 0.81 0.00 | 26.01 0.76 0.00 | 23.94 0.70 0.00 | 26.13 0.72 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| GOWANUS_GT1_1 24077 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT1_2 24078 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT1_3 24079 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT1_4 24080 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT1_5 24084 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT1_6 24111 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT1_7 24112 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT1_8 24113 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT2_1 24114 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT2_2 24115 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT2_3 24116 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT2_4 24117 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT2_5 24118 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT2_6 24119 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT2_7 24120 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| GOWANUS_GT2_8 24121 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT3_1 24122 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT3_2 24123 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT3_3 24124 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT3_4 24125 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT3_5 24126 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT3_6 24127 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT3_7 24128 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT3_8 24129 | 24.09 <u>1.10</u> 0.00 | 25.07 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.31</u> 0.00 | 33.55 <u>2.13</u> 0.00 | 53.53 <u>3.42</u> 0.00 | 22.42 <u>1.55</u> 0.00 | 28.35 <u>1.82</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.80 <u>1.91</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.65 <u>1.99</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.73 <u>1.86</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.01 <u>1.87</u> 0.00 | 27.20 <u>1.94</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT4_1 24130 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT4_2 24131 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT4_3 24132 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT4_4 24133 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT4_5 24134 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |
| GOWANUS_GT4_6 24135 | 24.09 <u>1.09</u> 0.00 | 25.08 <u>0.98</u> 0.00 | 26.34 <u>0.98</u> 0.00 | 25.35 <u>0.96</u> 0.00 | 19.40 <u>0.99</u> 0.00 | 22.76 <u>1.24</u> 0.00 | 38.45 <u>2.32</u> 0.00 | 33.56 <u>2.14</u> 0.00 | 53.53 <u>3.43</u> 0.00 | 22.41 <u>1.54</u> 0.00 | 28.36 <u>1.83</u> 0.00 | 29.16 <u>2.04</u> 0.00 | 28.78 <u>1.90</u> 0.00 | 32.42 <u>2.06</u> 0.00 | 30.31 <u>1.99</u> 0.00 | 28.64 <u>1.98</u> 0.00 | 28.17 <u>2.02</u> 0.00 | 29.74 <u>1.87</u> 0.00 | 32.85 <u>2.18</u> 0.00 | 28.44 <u>1.87</u> 0.00 | 27.00 <u>1.86</u> 0.00 | 27.20 <u>1.95</u> 0.00 | 24.83 <u>1.60</u> 0.00 | 26.96 <u>1.56</u> 0.00 |

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|-------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|
| GOWANUS_GT4_7 24136 | 24.09 1.09 0.00 | 25.08 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.32 0.00 | 33.56 2.14 0.00 | 53.53 3.43 0.00 | 22.41 1.54 0.00 | 28.36 1.83 0.00 | 29.16 2.04 0.00 | 28.78 1.90 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.64 1.98 0.00 | 28.17 2.02 0.00 | 29.74 1.87 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.00 1.86 0.00 | 27.20 1.95 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| GOWANUS_GT4_8 24137 | 24.09 1.09 0.00 | 25.08 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.32 0.00 | 33.56 2.14 0.00 | 53.53 3.43 0.00 | 22.41 1.54 0.00 | 28.36 1.83 0.00 | 29.16 2.04 0.00 | 28.78 1.90 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.64 1.98 0.00 | 28.17 2.02 0.00 | 29.74 1.87 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.00 1.86 0.00 | 27.20 1.95 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| GREENBSH_115KV_TB3 55895 | 23.34 0.35 0.00 | 24.41 0.31 0.00 | 25.66 0.30 0.00 | 24.64 0.26 0.00 | 18.73 0.32 0.00 | 21.94 0.42 0.00 | 37.05 0.92 0.00 | 32.22 0.81 0.00 | 51.32 1.22 0.00 | 21.22 0.35 0.00 | 26.91 0.38 0.00 | 27.56 0.44 0.00 | 27.26 0.38 0.00 | 30.74 0.38 0.00 | 28.71 0.38 0.00 | 27.17 0.51 0.00 | 26.79 0.64 0.00 | 28.43 0.55 0.00 | 31.27 0.60 0.00 | 27.14 0.56 0.00 | 25.74 0.61 0.00 | 25.98 0.72 0.00 | 23.72 0.49 0.00 | 25.77 0.37 0.00 |
| GREENDGE_115KV_TB5 80291 | 23.31 0.31 0.00 | 24.58 0.48 0.00 | 25.93 0.57 0.00 | 25.04 0.66 0.00 | 18.89 0.48 0.00 | 22.38 0.86 0.00 | 37.21 1.08 0.00 | 32.66 1.25 0.00 | 52.02 1.91 0.00 | 21.65 0.78 0.00 | 27.63 1.10 0.00 | 28.05 0.93 0.00 | 27.91 1.02 0.00 | 31.58 1.22 0.00 | 29.47 1.15 0.00 | 27.50 0.84 0.00 | 26.84 0.69 0.00 | 28.86 0.99 0.00 | 32.07 1.40 0.00 | 27.55 0.98 0.00 | 26.04 0.90 0.00 | 25.99 0.74 0.00 | 23.93 0.70 0.00 | 26.18 0.77 0.00 |
| GREENIDGE___3 23582 | 23.31 0.31 0.00 | 24.58 0.48 0.00 | 25.93 0.57 0.00 | 25.04 0.66 0.00 | 18.89 0.48 0.00 | 22.38 0.86 0.00 | 37.21 1.08 0.00 | 32.66 1.25 0.00 | 52.02 1.91 0.00 | 21.65 0.78 0.00 | 27.63 1.10 0.00 | 28.05 0.93 0.00 | 27.91 1.02 0.00 | 31.58 1.22 0.00 | 29.47 1.15 0.00 | 27.50 0.84 0.00 | 26.84 0.69 0.00 | 28.86 0.99 0.00 | 32.07 1.40 0.00 | 27.55 0.98 0.00 | 26.04 0.90 0.00 | 25.99 0.74 0.00 | 23.93 0.70 0.00 | 26.18 0.77 0.00 |
| GREENIDGE___4 23583 | 23.30 0.31 0.00 | 24.58 0.48 0.00 | 25.93 0.57 0.00 | 25.04 0.66 0.00 | 18.89 0.48 0.00 | 22.39 0.86 0.00 | 37.22 1.09 0.00 | 32.67 1.25 0.00 | 52.02 1.91 0.00 | 21.64 0.77 0.00 | 27.64 1.11 0.00 | 28.05 0.93 0.00 | 27.91 1.02 0.00 | 31.58 1.22 0.00 | 29.48 1.15 0.00 | 27.49 0.83 0.00 | 26.84 0.69 0.00 | 28.89 1.01 0.00 | 32.07 1.40 0.00 | 27.55 0.98 0.00 | 26.02 0.88 0.00 | 25.99 0.73 0.00 | 23.93 0.70 0.00 | 26.19 0.78 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 24.10 1.10 0.00 | 25.16 1.06 0.00 | 26.36 1.00 0.00 | 25.25 0.86 0.00 | 19.29 0.87 0.00 | 22.63 1.11 0.00 | 38.22 2.09 0.00 | 33.22 1.80 0.00 | 53.24 3.13 0.00 | 22.10 1.23 0.00 | 28.18 1.65 0.00 | 28.94 1.82 0.00 | 28.50 1.62 0.00 | 32.23 1.87 0.00 | 30.14 1.82 0.00 | 28.37 1.71 0.00 | 27.96 1.81 0.00 | 29.63 1.76 0.00 | 32.86 2.19 0.00 | 28.27 1.70 0.00 | 26.74 1.60 0.00 | 27.01 1.76 0.00 | 24.70 1.46 0.00 | 26.83 1.43 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 24.09 1.09 0.00 | 25.08 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.32 0.00 | 33.56 2.14 0.00 | 53.53 3.43 0.00 | 22.41 1.54 0.00 | 28.36 1.83 0.00 | 29.16 2.04 0.00 | 28.78 1.90 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.64 1.98 0.00 | 28.17 2.02 0.00 | 29.74 1.87 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.00 1.86 0.00 | 27.20 1.95 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| GRISSOM___SOLAR 323813 | 24.53 1.54 0.00 | 25.73 1.64 0.00 | 26.93 1.57 0.00 | 25.85 1.46 0.00 | 19.53 1.12 0.00 | 23.08 1.56 0.00 | 38.50 2.36 0.00 | 33.42 2.00 0.00 | 52.32 2.22 0.00 | 20.99 0.12 0.00 | 26.66 0.13 0.00 | 27.62 0.50 0.00 | 27.64 0.76 0.00 | 32.04 1.68 0.00 | 30.09 1.77 0.00 | 28.24 1.58 0.00 | 28.03 1.88 0.00 | 30.12 2.24 0.00 | 32.91 2.23 0.00 | 28.43 1.86 0.00 | 27.04 1.90 0.00 | 27.00 1.75 0.00 | 24.96 1.72 0.00 | 27.13 1.72 0.00 |
| GROVEVILLE___HYD 323602 | 24.16 1.16 0.00 | 25.20 1.11 0.00 | 26.47 1.11 0.00 | 25.48 1.10 0.00 | 19.41 1.00 0.00 | 22.80 1.28 0.00 | 38.56 2.42 0.00 | 33.65 2.24 0.00 | 53.68 3.58 0.00 | 22.29 1.42 0.00 | 28.29 1.76 0.00 | 29.02 1.89 0.00 | 28.66 1.78 0.00 | 32.37 2.01 0.00 | 30.26 1.93 0.00 | 28.58 1.92 0.00 | 28.14 1.98 0.00 | 29.90 2.02 0.00 | 33.00 2.33 0.00 | 28.52 1.94 0.00 | 27.01 1.88 0.00 | 27.19 1.94 0.00 | 24.86 1.63 0.00 | 27.00 1.59 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 23.17 0.18 0.00 | 24.36 0.26 0.00 | 25.61 0.25 0.00 | 24.68 0.29 0.00 | 18.63 0.22 0.00 | 21.80 0.28 0.00 | 36.47 0.34 0.00 | 31.85 0.43 0.00 | 50.73 0.62 0.00 | 21.08 0.21 0.00 | 26.83 0.30 0.00 | 27.37 0.25 0.00 | 27.18 0.29 0.00 | 30.68 0.32 0.00 | 28.61 0.28 0.00 | 26.87 0.21 0.00 | 26.32 0.16 0.00 | 28.13 0.25 0.00 | 31.08 0.41 0.00 | 26.81 0.23 0.00 | 25.37 0.23 0.00 | 25.42 0.17 0.00 | 23.39 0.16 0.00 | 25.53 0.12 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 23.24 0.24 0.00 | 24.47 0.37 0.00 | 25.72 0.36 0.00 | 24.81 0.42 0.00 | 18.73 0.32 0.00 | 21.96 0.44 0.00 | 36.81 0.68 0.00 | 32.20 0.78 0.00 | 51.25 1.15 0.00 | 21.27 0.40 0.00 | 27.10 0.57 0.00 | 27.66 0.54 0.00 | 27.47 0.59 0.00 | 30.98 0.62 0.00 | 28.91 0.58 0.00 | 27.15 0.49 0.00 | 26.52 0.37 0.00 | 28.41 0.54 0.00 | 31.45 0.77 0.00 | 27.09 0.52 0.00 | 25.60 0.47 0.00 | 25.68 0.43 0.00 | 23.62 0.38 0.00 | 25.72 0.31 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 23.10 0.11 0.00 | 24.16 0.07 0.00 | 25.45 0.09 0.00 | 24.49 0.10 0.00 | 18.40 -0.01 0.00 | 21.44 -0.08 0.00 | 36.16 0.02 0.00 | 31.28 -0.14 0.00 | 49.81 -0.30 0.00 | 20.60 -0.27 0.00 | 26.03 -0.50 0.00 | 26.55 -0.57 0.00 | 26.44 -0.44 0.00 | 29.96 -0.40 0.00 | 27.94 -0.39 0.00 | 26.34 -0.32 0.00 | 25.87 -0.28 0.00 | 27.63 -0.25 0.00 | 30.31 -0.36 0.00 | 26.30 -0.27 0.00 | 24.79 -0.35 0.00 | 24.90 -0.36 0.00 | 23.13 -0.10 0.00 | 25.52 0.11 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 23.27 0.28 0.00 | 24.44 0.34 0.00 | 25.77 0.41 0.00 | 24.75 0.36 0.00 | 18.78 0.37 0.00 | 22.07 0.55 0.00 | 37.19 1.06 0.00 | 32.45 1.03 0.00 | 51.56 1.45 0.00 | 21.16 0.29 0.00 | 26.82 0.29 0.00 | 27.34 0.22 0.00 | 27.09 0.20 0.00 | 30.67 0.31 0.00 | 28.75 0.42 0.00 | 27.27 0.61 0.00 | 27.07 0.92 0.00 | 28.70 0.82 0.00 | 31.55 0.88 0.00 | 27.38 0.81 0.00 | 26.08 0.94 0.00 | 26.10 0.84 0.00 | 23.89 0.66 0.00 | 25.96 0.55 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 23.86 0.87 0.00 | 24.90 0.81 0.00 | 26.15 0.80 0.00 | 25.19 0.80 0.00 | 19.19 0.78 0.00 | 22.55 1.03 0.00 | 38.06 1.92 0.00 | 33.22 1.80 0.00 | 52.99 2.89 0.00 | 22.02 1.15 0.00 | 27.95 1.42 0.00 | 28.67 1.55 0.00 | 28.35 1.46 0.00 | 32.03 1.67 0.00 | 29.94 1.61 0.00 | 28.25 1.59 0.00 | 27.79 1.64 0.00 | 29.50 1.63 0.00 | 32.58 1.91 0.00 | 28.16 1.58 0.00 | 26.69 1.55 0.00 | 26.83 1.58 0.00 | 24.54 1.31 0.00 | 26.71 1.31 0.00 |

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|----------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HARSNRAD_115KV_TB1 81005 | 22.52 -0.48 0.00 | 23.82 -0.27 0.00 | 25.12 -0.23 0.00 | 24.34 -0.05 0.00 | 18.32 -0.09 0.00 | 21.85 0.33 0.00 | 35.75 -0.38 0.00 | 31.53 0.11 0.00 | 50.27 0.16 0.00 | 21.01 0.13 0.00 | 27.12 0.59 0.00 | 27.51 0.39 0.00 | 27.50 0.62 0.00 | 30.93 0.56 0.00 | 28.72 0.39 0.00 | 26.49 -0.17 0.00 | 25.60 -0.55 0.00 | 27.76 -0.12 0.00 | 30.69 0.02 0.00 | 26.19 -0.38 0.00 | 24.70 -0.43 0.00 | 24.63 -0.63 0.00 | 23.13 -0.10 0.00 | 25.52 0.11 0.00 |
| HARZA MOOSE__RIVER 24016 | 23.48 0.49 0.00 | 24.59 0.49 0.00 | 25.87 0.51 0.00 | 24.91 0.52 0.00 | 18.83 0.41 0.00 | 22.10 0.58 0.00 | 37.18 1.05 0.00 | 32.34 0.92 0.00 | 51.53 1.43 0.00 | 21.29 0.41 0.00 | 26.89 0.36 0.00 | 27.38 0.26 0.00 | 27.23 0.35 0.00 | 30.94 0.58 0.00 | 28.90 0.57 0.00 | 27.25 0.59 0.00 | 26.86 0.71 0.00 | 28.58 0.71 0.00 | 31.40 0.73 0.00 | 27.19 0.62 0.00 | 25.70 0.56 0.00 | 25.68 0.43 0.00 | 23.69 0.46 0.00 | 26.02 0.61 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 22.95 -0.04 0.00 | 24.12 0.02 0.00 | 25.38 0.02 0.00 | 24.44 0.05 0.00 | 18.42 0.01 0.00 | 21.55 0.03 0.00 | 36.02 -0.11 0.00 | 31.46 0.05 0.00 | 50.14 0.03 0.00 | 20.85 -0.02 0.00 | 26.55 0.02 0.00 | 27.07 -0.05 0.00 | 26.89 0.01 0.00 | 30.37 0.00 0.00 | 28.32 0.00 0.00 | 26.58 -0.08 0.00 | 26.03 -0.12 0.00 | 27.82 -0.06 0.00 | 30.71 0.04 0.00 | 26.50 -0.07 0.00 | 25.07 -0.07 0.00 | 25.13 -0.13 0.00 | 23.12 -0.11 0.00 | 25.27 -0.14 0.00 |
| HELLGATE_13_KV_LD 55870 | 23.99 1.00 0.00 | 24.97 0.88 0.00 | 26.24 0.88 0.00 | 25.25 0.87 0.00 | 19.33 0.92 0.00 | 22.66 1.14 0.00 | 38.33 2.20 0.00 | 33.44 2.02 0.00 | 53.37 3.26 0.00 | 22.31 1.44 0.00 | 28.28 1.75 0.00 | 29.08 1.95 0.00 | 28.70 1.82 0.00 | 32.35 1.99 0.00 | 30.23 1.91 0.00 | 28.53 1.87 0.00 | 28.07 1.92 0.00 | 29.67 1.79 0.00 | 32.76 2.08 0.00 | 28.31 1.74 0.00 | 26.89 1.75 0.00 | 27.08 1.83 0.00 | 24.76 1.53 0.00 | 26.94 1.53 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 23.99 1.00 0.00 | 24.97 0.88 0.00 | 26.24 0.88 0.00 | 25.25 0.87 0.00 | 19.33 0.92 0.00 | 22.66 1.14 0.00 | 38.33 2.20 0.00 | 33.44 2.02 0.00 | 53.37 3.26 0.00 | 22.31 1.44 0.00 | 28.28 1.75 0.00 | 29.08 1.95 0.00 | 28.70 1.82 0.00 | 32.35 1.99 0.00 | 30.23 1.91 0.00 | 28.53 1.87 0.00 | 28.07 1.92 0.00 | 29.67 1.79 0.00 | 32.76 2.08 0.00 | 28.31 1.74 0.00 | 26.89 1.75 0.00 | 27.08 1.83 0.00 | 24.76 1.53 0.00 | 26.94 1.53 0.00 |
| HEMPSTEAD____ 23647 | 24.14 1.14 0.00 | 25.17 1.07 0.00 | 26.39 1.03 0.00 | 25.32 0.93 0.00 | 19.31 0.90 0.00 | 22.68 1.15 0.00 | 38.32 2.19 0.00 | 33.38 1.96 0.00 | 53.44 3.33 0.00 | 22.21 1.34 0.00 | 28.28 1.75 0.00 | 29.06 1.94 0.00 | 28.65 1.76 0.00 | 32.38 2.02 0.00 | 30.29 1.96 0.00 | 28.55 1.89 0.00 | 28.05 1.90 0.00 | 29.71 1.84 0.00 | 32.95 2.27 0.00 | 28.38 1.80 0.00 | 26.88 1.74 0.00 | 27.18 1.92 0.00 | 24.85 1.62 0.00 | 26.96 1.55 0.00 |
| HEWLETT__69_KV_BK3 55828 | 24.33 1.34 0.00 | 25.38 1.28 0.00 | 26.62 1.26 0.00 | 25.54 1.15 0.00 | 19.49 1.07 0.00 | 22.88 1.36 0.00 | 38.65 2.51 0.00 | 33.60 2.18 0.00 | 53.75 3.65 0.00 | 22.34 1.47 0.00 | 28.50 1.97 0.00 | 29.25 2.13 0.00 | 28.84 1.96 0.00 | 32.59 2.23 0.00 | 30.50 2.17 0.00 | 28.76 2.10 0.00 | 28.30 2.15 0.00 | 29.78 1.90 0.00 | 32.96 2.29 0.00 | 28.45 1.87 0.00 | 27.11 1.97 0.00 | 27.38 2.12 0.00 | 25.05 1.82 0.00 | 27.21 1.81 0.00 |
| HICKLING__1 23621 | 23.34 0.35 0.00 | 24.65 0.55 0.00 | 26.02 0.66 0.00 | 25.15 0.76 0.00 | 18.96 0.54 0.00 | 22.48 0.96 0.00 | 37.68 1.54 0.00 | 33.17 1.75 0.00 | 52.72 2.62 0.00 | 21.74 0.87 0.00 | 27.98 1.45 0.00 | 28.43 1.30 0.00 | 28.32 1.44 0.00 | 31.94 1.58 0.00 | 29.81 1.49 0.00 | 27.77 1.11 0.00 | 26.99 0.84 0.00 | 29.07 1.20 0.00 | 32.46 1.79 0.00 | 27.89 1.32 0.00 | 26.30 1.16 0.00 | 26.34 1.08 0.00 | 24.25 1.01 0.00 | 26.48 1.07 0.00 |
| HICKLING__2 23622 | 23.34 0.35 0.00 | 24.65 0.55 0.00 | 26.02 0.66 0.00 | 25.15 0.76 0.00 | 18.96 0.54 0.00 | 22.48 0.96 0.00 | 37.68 1.54 0.00 | 33.17 1.75 0.00 | 52.72 2.62 0.00 | 21.74 0.87 0.00 | 27.98 1.45 0.00 | 28.43 1.30 0.00 | 28.32 1.44 0.00 | 31.94 1.58 0.00 | 29.81 1.49 0.00 | 27.77 1.11 0.00 | 26.99 0.84 0.00 | 29.07 1.20 0.00 | 32.46 1.79 0.00 | 27.89 1.32 0.00 | 26.30 1.16 0.00 | 26.34 1.08 0.00 | 24.25 1.01 0.00 | 26.48 1.07 0.00 |
| HIGH FALLS__HY 23754 | 24.14 1.14 0.00 | 25.19 1.10 0.00 | 26.46 1.10 0.00 | 25.50 1.12 0.00 | 19.42 1.01 0.00 | 22.82 1.30 0.00 | 38.47 2.34 0.00 | 33.57 2.15 0.00 | 53.54 3.43 0.00 | 22.26 1.38 0.00 | 28.17 1.64 0.00 | 28.78 1.66 0.00 | 28.47 1.59 0.00 | 32.16 1.80 0.00 | 30.17 1.84 0.00 | 28.51 1.85 0.00 | 28.14 1.99 0.00 | 29.86 1.98 0.00 | 32.97 2.30 0.00 | 28.49 1.91 0.00 | 27.04 1.90 0.00 | 27.11 1.86 0.00 | 24.83 1.60 0.00 | 27.04 1.63 0.00 |
| HILLBURN__GT 23639 | 23.75 0.76 0.00 | 24.79 0.69 0.00 | 26.02 0.66 0.00 | 25.08 0.69 0.00 | 19.13 0.72 0.00 | 22.49 0.97 0.00 | 37.90 1.77 0.00 | 33.05 1.64 0.00 | 52.77 2.66 0.00 | 21.95 1.08 0.00 | 27.87 1.33 0.00 | 28.60 1.48 0.00 | 28.27 1.38 0.00 | 31.95 1.59 0.00 | 29.82 1.50 0.00 | 28.13 1.47 0.00 | 27.69 1.54 0.00 | 29.36 1.49 0.00 | 32.40 1.73 0.00 | 28.01 1.44 0.00 | 26.57 1.43 0.00 | 26.69 1.44 0.00 | 24.43 1.19 0.00 | 26.63 1.23 0.00 |
| HILLSIDE_115KV_TB1 80332 | 23.04 0.04 0.00 | 24.31 0.22 0.00 | 25.65 0.29 0.00 | 24.77 0.39 0.00 | 18.68 0.27 0.00 | 22.12 0.59 0.00 | 37.06 0.92 0.00 | 32.56 1.14 0.00 | 51.73 1.62 0.00 | 21.34 0.47 0.00 | 27.50 0.97 0.00 | 27.92 0.80 0.00 | 27.82 0.93 0.00 | 31.33 0.97 0.00 | 29.26 0.93 0.00 | 27.30 0.64 0.00 | 26.58 0.42 0.00 | 28.54 0.67 0.00 | 31.92 1.24 0.00 | 27.45 0.87 0.00 | 25.91 0.78 0.00 | 25.94 0.69 0.00 | 23.90 0.67 0.00 | 26.13 0.71 0.00 |
| HISHELDN_WT_PWR 323625 | 22.88 -0.11 0.00 | 24.24 0.14 0.00 | 25.60 0.24 0.00 | 24.81 0.42 0.00 | 18.68 0.26 0.00 | 22.25 0.73 0.00 | 36.70 0.57 0.00 | 32.40 0.99 0.00 | 51.57 1.47 0.00 | 21.46 0.58 0.00 | 27.72 1.19 0.00 | 28.11 0.99 0.00 | 28.05 1.17 0.00 | 31.58 1.22 0.00 | 29.28 0.95 0.00 | 27.13 0.47 0.00 | 26.32 0.16 0.00 | 28.51 0.64 0.00 | 31.59 0.92 0.00 | 27.01 0.44 0.00 | 25.43 0.30 0.00 | 25.41 0.16 0.00 | 23.60 0.36 0.00 | 25.96 0.55 0.00 |
| HOLTSVILLE_IC_1 23690 | 24.47 1.47 0.00 | 25.44 1.34 0.00 | 26.57 1.21 0.00 | 25.39 1.00 0.00 | 19.53 1.12 0.00 | 22.82 1.30 0.00 | 38.68 2.55 0.00 | 33.45 2.04 0.00 | 54.08 3.98 0.00 | 22.50 1.63 0.00 | 28.62 2.09 0.00 | 29.44 2.32 0.00 | 28.90 2.01 0.00 | 32.70 2.34 0.00 | 30.55 2.23 0.00 | 28.70 2.04 0.00 | 28.16 2.01 0.00 | 30.00 2.13 0.00 | 33.56 2.89 0.00 | 28.74 2.16 0.00 | 27.03 1.89 0.00 | 27.34 2.09 0.00 | 24.96 1.73 0.00 | 27.05 1.64 0.00 |
| HOLTSVILLE_IC_10 23699 | 24.52 1.53 0.00 | 25.49 1.39 0.00 | 26.62 1.26 0.00 | 25.44 1.06 0.00 | 19.56 1.15 0.00 | 22.87 1.35 0.00 | 38.81 2.68 0.00 | 33.60 2.18 0.00 | 54.33 4.23 0.00 | 22.59 1.72 0.00 | 28.72 2.19 0.00 | 29.57 2.45 0.00 | 29.02 2.13 0.00 | 32.83 2.47 0.00 | 30.69 2.36 0.00 | 28.82 2.16 0.00 | 28.24 2.09 0.00 | 30.12 2.25 0.00 | 33.73 3.05 0.00 | 28.87 2.30 0.00 | 27.13 2.00 0.00 | 27.45 2.20 0.00 | 25.06 1.82 0.00 | 27.12 1.71 0.00 |

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| HOLTSVILLE_IC_2 23691 | 24.47 1.47 0.00 | 25.44 1.34 0.00 | 26.57 1.21 0.00 | 25.39 1.00 0.00 | 19.53 1.12 0.00 | 22.82 1.30 0.00 | 38.68 2.55 0.00 | 33.45 2.04 0.00 | 54.08 3.98 0.00 | 22.50 1.63 0.00 | 28.62 2.09 0.00 | 29.44 2.32 0.00 | 28.90 2.01 0.00 | 32.70 2.34 0.00 | 30.55 2.23 0.00 | 28.70 2.04 0.00 | 28.16 2.01 0.00 | 30.00 2.13 0.00 | 33.56 2.89 0.00 | 28.74 2.16 0.00 | 27.03 1.89 0.00 | 27.34 2.09 0.00 | 24.96 1.73 0.00 | 27.05 1.64 0.00 |
| HOLTSVILLE_IC_3 23692 | 24.47 1.47 0.00 | 25.44 1.34 0.00 | 26.57 1.21 0.00 | 25.39 1.00 0.00 | 19.53 1.12 0.00 | 22.82 1.30 0.00 | 38.68 2.55 0.00 | 33.45 2.04 0.00 | 54.08 3.98 0.00 | 22.50 1.63 0.00 | 28.62 2.09 0.00 | 29.44 2.32 0.00 | 28.90 2.01 0.00 | 32.70 2.34 0.00 | 30.55 2.23 0.00 | 28.70 2.04 0.00 | 28.16 2.01 0.00 | 30.00 2.13 0.00 | 33.56 2.89 0.00 | 28.74 2.16 0.00 | 27.03 1.89 0.00 | 27.34 2.09 0.00 | 24.96 1.73 0.00 | 27.05 1.64 0.00 |
| HOLTSVILLE_IC_4 23693 | 24.47 1.47 0.00 | 25.44 1.34 0.00 | 26.57 1.21 0.00 | 25.39 1.00 0.00 | 19.53 1.12 0.00 | 22.82 1.30 0.00 | 38.68 2.55 0.00 | 33.45 2.04 0.00 | 54.08 3.98 0.00 | 22.50 1.63 0.00 | 28.62 2.09 0.00 | 29.44 2.32 0.00 | 28.90 2.01 0.00 | 32.70 2.34 0.00 | 30.55 2.23 0.00 | 28.70 2.04 0.00 | 28.16 2.01 0.00 | 30.00 2.13 0.00 | 33.56 2.89 0.00 | 28.74 2.16 0.00 | 27.03 1.89 0.00 | 27.34 2.09 0.00 | 24.96 1.73 0.00 | 27.05 1.64 0.00 |
| HOLTSVILLE_IC_5 23694 | 24.47 1.47 0.00 | 25.44 1.34 0.00 | 26.57 1.21 0.00 | 25.39 1.00 0.00 | 19.53 1.12 0.00 | 22.82 1.30 0.00 | 38.68 2.55 0.00 | 33.45 2.04 0.00 | 54.08 3.98 0.00 | 22.50 1.63 0.00 | 28.62 2.09 0.00 | 29.44 2.32 0.00 | 28.90 2.01 0.00 | 32.70 2.34 0.00 | 30.55 2.23 0.00 | 28.70 2.04 0.00 | 28.16 2.01 0.00 | 30.00 2.13 0.00 | 33.56 2.89 0.00 | 28.74 2.16 0.00 | 27.03 1.89 0.00 | 27.34 2.09 0.00 | 24.96 1.73 0.00 | 27.05 1.64 0.00 |
| HOLTSVILLE_IC_6 23695 | 24.52 1.53 0.00 | 25.49 1.39 0.00 | 26.62 1.26 0.00 | 25.44 1.06 0.00 | 19.56 1.15 0.00 | 22.87 1.35 0.00 | 38.81 2.68 0.00 | 33.60 2.18 0.00 | 54.33 4.23 0.00 | 22.59 1.72 0.00 | 28.72 2.19 0.00 | 29.57 2.45 0.00 | 29.02 2.13 0.00 | 32.83 2.47 0.00 | 30.69 2.36 0.00 | 28.82 2.16 0.00 | 28.24 2.09 0.00 | 30.12 2.25 0.00 | 33.73 3.05 0.00 | 28.87 2.30 0.00 | 27.13 2.00 0.00 | 27.45 2.20 0.00 | 25.06 1.82 0.00 | 27.12 1.71 0.00 |
| HOLTSVILLE_IC_7 23696 | 24.52 1.53 0.00 | 25.49 1.39 0.00 | 26.62 1.26 0.00 | 25.44 1.06 0.00 | 19.56 1.15 0.00 | 22.87 1.35 0.00 | 38.81 2.68 0.00 | 33.60 2.18 0.00 | 54.33 4.23 0.00 | 22.59 1.72 0.00 | 28.72 2.19 0.00 | 29.57 2.45 0.00 | 29.02 2.13 0.00 | 32.83 2.47 0.00 | 30.69 2.36 0.00 | 28.82 2.16 0.00 | 28.24 2.09 0.00 | 30.12 2.25 0.00 | 33.73 3.05 0.00 | 28.87 2.30 0.00 | 27.13 2.00 0.00 | 27.45 2.20 0.00 | 25.06 1.82 0.00 | 27.12 1.71 0.00 |
| HOLTSVILLE_IC_8 23697 | 24.52 1.53 0.00 | 25.49 1.39 0.00 | 26.62 1.26 0.00 | 25.44 1.06 0.00 | 19.56 1.15 0.00 | 22.87 1.35 0.00 | 38.81 2.68 0.00 | 33.60 2.18 0.00 | 54.33 4.23 0.00 | 22.59 1.72 0.00 | 28.72 2.19 0.00 | 29.57 2.45 0.00 | 29.02 2.13 0.00 | 32.83 2.47 0.00 | 30.69 2.36 0.00 | 28.82 2.16 0.00 | 28.24 2.09 0.00 | 30.12 2.25 0.00 | 33.73 3.05 0.00 | 28.87 2.30 0.00 | 27.13 2.00 0.00 | 27.45 2.20 0.00 | 25.06 1.82 0.00 | 27.12 1.71 0.00 |
| HOLTSVILLE_IC_9 23698 | 24.52 1.53 0.00 | 25.49 1.39 0.00 | 26.62 1.26 0.00 | 25.44 1.06 0.00 | 19.56 1.15 0.00 | 22.87 1.35 0.00 | 38.81 2.68 0.00 | 33.60 2.18 0.00 | 54.33 4.23 0.00 | 22.59 1.72 0.00 | 28.72 2.19 0.00 | 29.57 2.45 0.00 | 29.02 2.13 0.00 | 32.83 2.47 0.00 | 30.69 2.36 0.00 | 28.82 2.16 0.00 | 28.24 2.09 0.00 | 30.12 2.25 0.00 | 33.73 3.05 0.00 | 28.87 2.30 0.00 | 27.13 2.00 0.00 | 27.45 2.20 0.00 | 25.06 1.82 0.00 | 27.12 1.71 0.00 |
| HOMER_HL_115KV_TB2 355744 | 23.82 0.83 0.00 | 25.24 1.14 0.00 | 26.64 1.28 0.00 | 25.79 1.40 0.00 | 19.39 0.98 0.00 | 23.08 1.56 0.00 | 38.31 2.18 0.00 | 33.90 2.48 0.00 | 53.85 3.75 0.00 | 22.30 1.43 0.00 | 28.77 2.24 0.00 | 29.25 2.13 0.00 | 29.21 2.33 0.00 | 33.01 2.65 0.00 | 30.61 2.28 0.00 | 28.38 1.72 0.00 | 27.44 1.28 0.00 | 29.57 1.69 0.00 | 32.84 2.17 0.00 | 28.11 1.53 0.00 | 26.48 1.35 0.00 | 26.48 1.23 0.00 | 24.64 1.41 0.00 | 27.08 1.67 0.00 |
| HOWARD_WT_PWR 323690 | 23.22 0.22 0.00 | 24.70 0.61 0.00 | 26.15 0.79 0.00 | 25.35 0.96 0.00 | 19.09 0.68 0.00 | 22.71 1.19 0.00 | 37.75 1.61 0.00 | 33.38 1.96 0.00 | 53.08 2.98 0.00 | 21.95 1.08 0.00 | 28.26 1.72 0.00 | 28.63 1.51 0.00 | 28.51 1.62 0.00 | 32.21 1.85 0.00 | 29.95 1.62 0.00 | 27.84 1.18 0.00 | 27.13 0.98 0.00 | 29.31 1.44 0.00 | 32.51 1.84 0.00 | 27.88 1.30 0.00 | 26.34 1.20 0.00 | 26.27 1.02 0.00 | 24.23 1.00 0.00 | 26.57 1.16 0.00 |
| HQ_GEN_CEDARS 23644 | 23.02 0.03 0.00 | 24.09 -0.01 0.00 | 25.39 0.03 0.00 | 24.41 0.02 0.00 | 18.32 -0.09 0.00 | 21.32 -0.20 0.00 | 35.81 -0.32 0.00 | 30.92 -0.49 0.00 | 49.36 -0.74 0.00 | 20.64 -0.23 0.00 | 26.28 -0.25 0.00 | 26.83 -0.29 0.00 | 26.62 -0.26 0.00 | 30.09 -0.27 0.00 | 28.02 -0.31 0.00 | 26.37 -0.29 0.00 | 25.85 -0.31 0.00 | 27.55 -0.33 0.00 | 30.23 -0.44 0.00 | 26.26 -0.31 0.00 | 24.80 -0.34 0.00 | 24.89 -0.37 0.00 | 23.10 -0.13 0.00 | 25.48 0.07 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 23.02 0.03 0.00 | 24.09 -0.01 0.00 | 25.39 0.03 0.00 | 24.41 0.02 0.00 | 18.32 -0.09 0.00 | 21.31 -0.20 0.00 | 35.82 -0.32 0.00 | 30.92 -0.49 0.00 | 49.36 -0.74 0.00 | 20.64 -0.23 0.00 | 26.29 -0.24 0.00 | 26.83 -0.29 0.00 | 26.62 -0.26 0.00 | 30.09 -0.27 0.00 | 28.02 -0.31 0.00 | 26.37 -0.29 0.00 | 25.85 -0.31 0.00 | 28.03 -0.32 -0.48 | 30.23 -0.44 0.00 | 26.26 -0.31 0.00 | 24.80 -0.34 0.00 | 24.89 -0.37 0.00 | 23.10 -0.13 0.00 | 28.54 -3.06 0.00 |
| HQ_GEN_IMPORT 323601 | 21.84 -0.11 1.05 | 23.97 -0.12 0.00 | 25.25 -0.11 0.00 | 24.27 -0.11 0.00 | 18.28 -0.14 0.00 | 21.33 -0.19 0.00 | 35.81 -0.32 0.00 | 31.01 -0.41 0.00 | 49.50 -0.60 0.00 | 19.68 -0.17 1.03 | 26.34 -0.19 0.00 | 26.92 -0.20 0.00 | 26.70 -0.19 0.00 | 30.15 -0.21 0.00 | 28.10 -0.22 0.00 | 26.44 -0.22 0.00 | 25.48 -0.24 0.43 | 27.71 -0.26 -0.09 | 30.33 -0.34 0.00 | 26.34 -0.24 0.00 | 24.89 -0.25 0.00 | 24.98 -0.27 0.00 | 23.06 -0.18 0.00 | 28.22 -0.10 -2.92 |
| HQ_GEN_WHEEL 23651 | 21.84 -0.11 1.05 | 23.97 -0.12 0.00 | 25.25 -0.11 0.00 | 24.27 -0.11 0.00 | 18.28 -0.14 0.00 | 21.33 -0.19 0.00 | 35.81 -0.32 0.00 | 31.01 -0.41 0.00 | 49.50 -0.60 0.00 | 19.68 -0.17 1.03 | 26.34 -0.19 0.00 | 26.92 -0.20 0.00 | 26.70 -0.19 0.00 | 30.15 -0.21 0.00 | 28.10 -0.22 0.00 | 26.44 -0.22 0.00 | 25.48 -0.24 0.43 | 27.71 -0.26 -0.09 | 30.33 -0.34 0.00 | 26.34 -0.24 0.00 | 24.89 -0.25 0.00 | 24.98 -0.27 0.00 | 23.06 -0.18 0.00 | 28.22 -0.10 -2.92 |
| HUDSON_AVE_GT_3 23810 | 24.12 1.13 0.00 | 25.11 1.01 0.00 | 26.37 1.02 0.00 | 25.39 1.00 0.00 | 19.40 0.99 0.00 | 22.80 1.28 0.00 | 38.54 2.40 0.00 | 33.63 2.21 0.00 | 53.67 3.57 0.00 | 22.38 1.51 0.00 | 28.40 1.87 0.00 | 29.20 2.08 0.00 | 28.84 1.96 0.00 | 32.52 2.16 0.00 | 30.35 2.02 0.00 | 28.65 1.99 0.00 | 28.19 2.04 0.00 | 29.87 2.00 0.00 | 32.98 2.30 0.00 | 28.47 1.90 0.00 | 26.99 1.85 0.00 | 27.17 1.92 0.00 | 24.84 1.60 0.00 | 27.01 1.60 0.00 |

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| HUDSON AVE_GT_4 23540 | 24.12 1.13 0.00 | 25.11 1.01 0.00 | 26.37 1.02 0.00 | 25.39 1.00 0.00 | 19.40 0.99 0.00 | 22.80 1.28 0.00 | 38.54 2.40 0.00 | 33.63 2.21 0.00 | 53.67 3.57 0.00 | 22.38 1.51 0.00 | 28.40 1.87 0.00 | 29.20 2.08 0.00 | 28.84 1.96 0.00 | 32.52 2.16 0.00 | 30.35 2.02 0.00 | 28.65 1.99 0.00 | 28.19 2.04 0.00 | 29.87 2.00 0.00 | 32.98 2.30 0.00 | 28.47 1.90 0.00 | 26.99 1.85 0.00 | 27.17 1.92 0.00 | 24.84 1.60 0.00 | 27.01 1.60 0.00 |
| HUDSON AVE_GT_5 23657 | 24.12 1.13 0.00 | 25.11 1.01 0.00 | 26.37 1.02 0.00 | 25.39 1.00 0.00 | 19.40 0.99 0.00 | 22.80 1.28 0.00 | 38.54 2.40 0.00 | 33.63 2.21 0.00 | 53.67 3.57 0.00 | 22.38 1.51 0.00 | 28.40 1.87 0.00 | 29.20 2.08 0.00 | 28.84 1.96 0.00 | 32.52 2.16 0.00 | 30.35 2.02 0.00 | 28.65 1.99 0.00 | 28.19 2.04 0.00 | 29.87 2.00 0.00 | 32.98 2.30 0.00 | 28.47 1.90 0.00 | 26.99 1.85 0.00 | 27.17 1.92 0.00 | 24.84 1.60 0.00 | 27.01 1.60 0.00 |
| HUDSON_AVE_10 24168 | 24.05 1.06 0.00 | 25.03 0.93 0.00 | 26.31 0.95 0.00 | 25.34 0.95 0.00 | 19.37 0.96 0.00 | 22.76 1.24 0.00 | 38.46 2.33 0.00 | 33.57 2.15 0.00 | 53.54 3.43 0.00 | 22.33 1.46 0.00 | 28.32 1.79 0.00 | 29.11 1.99 0.00 | 28.77 1.88 0.00 | 32.43 2.07 0.00 | 30.28 1.95 0.00 | 28.58 1.92 0.00 | 28.13 1.98 0.00 | 29.80 1.93 0.00 | 32.90 2.23 0.00 | 28.40 1.82 0.00 | 26.92 1.79 0.00 | 27.10 1.84 0.00 | 24.77 1.53 0.00 | 26.94 1.53 0.00 |
| HUDSON___115KV_TB 4 355613 | 23.77 0.77 0.00 | 24.87 0.77 0.00 | 26.14 0.78 0.00 | 25.12 0.73 0.00 | 19.07 0.66 0.00 | 22.38 0.86 0.00 | 37.92 1.79 0.00 | 33.04 1.62 0.00 | 52.58 2.48 0.00 | 21.67 0.79 0.00 | 27.31 0.77 0.00 | 27.96 0.84 0.00 | 27.76 0.87 0.00 | 31.24 0.88 0.00 | 29.19 0.87 0.00 | 27.66 1.00 0.00 | 27.36 1.21 0.00 | 29.09 1.22 0.00 | 32.03 1.36 0.00 | 27.78 1.20 0.00 | 26.35 1.21 0.00 | 26.56 1.31 0.00 | 24.25 1.02 0.00 | 26.30 0.89 0.00 |
| HUNTER MOUNT___DRP 323613 | 23.95 0.95 0.00 | 25.08 0.98 0.00 | 26.34 0.98 0.00 | 25.31 0.92 0.00 | 19.22 0.81 0.00 | 22.55 1.03 0.00 | 38.26 2.12 0.00 | 33.39 1.98 0.00 | 53.10 3.00 0.00 | 21.85 0.98 0.00 | 27.46 0.94 0.00 | 28.16 1.04 0.00 | 27.97 1.08 0.00 | 31.50 1.13 0.00 | 29.41 1.09 0.00 | 27.85 1.19 0.00 | 27.58 1.43 0.00 | 29.37 1.50 0.00 | 32.34 1.67 0.00 | 28.05 1.47 0.00 | 26.59 1.46 0.00 | 26.82 1.56 0.00 | 24.46 1.23 0.00 | 26.50 1.09 0.00 |
| HUNTINGTON_RES_REC 323705 | 24.23 1.23 0.00 | 25.26 1.16 0.00 | 26.42 1.07 0.00 | 25.29 0.90 0.00 | 19.36 0.95 0.00 | 22.69 1.17 0.00 | 38.44 2.30 0.00 | 33.42 2.00 0.00 | 53.73 3.62 0.00 | 22.28 1.41 0.00 | 28.35 1.82 0.00 | 29.19 2.06 0.00 | 28.70 1.82 0.00 | 32.43 2.07 0.00 | 30.35 2.02 0.00 | 28.53 1.87 0.00 | 28.04 1.89 0.00 | 29.81 1.94 0.00 | 33.23 2.56 0.00 | 28.53 1.95 0.00 | 26.89 1.76 0.00 | 27.21 1.96 0.00 | 24.84 1.60 0.00 | 26.90 1.50 0.00 |
| HUNTLEY___63 23557 | 22.81 -0.19 0.00 | 24.13 0.03 0.00 | 25.47 0.10 0.00 | 24.68 0.29 0.00 | 18.56 0.15 0.00 | 22.15 0.63 0.00 | 36.37 0.23 0.00 | 32.06 0.64 0.00 | 51.11 1.01 0.00 | 21.36 0.49 0.00 | 27.59 1.06 0.00 | 27.98 0.86 0.00 | 27.95 1.07 0.00 | 31.45 1.09 0.00 | 29.22 0.89 0.00 | 26.92 0.25 0.00 | 26.04 -0.12 0.00 | 28.22 0.35 0.00 | 31.23 0.56 0.00 | 26.64 0.07 0.00 | 25.14 0.00 0.00 | 25.04 -0.21 0.00 | 23.41 0.17 0.00 | 25.77 0.36 0.00 |
| HUNTLEY___64 23558 | 22.81 -0.19 0.00 | 24.13 0.03 0.00 | 25.47 0.10 0.00 | 24.68 0.29 0.00 | 18.56 0.15 0.00 | 22.15 0.63 0.00 | 36.37 0.23 0.00 | 32.06 0.64 0.00 | 51.11 1.01 0.00 | 21.36 0.49 0.00 | 27.59 1.06 0.00 | 27.98 0.86 0.00 | 27.95 1.07 0.00 | 31.45 1.09 0.00 | 29.22 0.89 0.00 | 26.92 0.25 0.00 | 26.04 -0.12 0.00 | 28.22 0.35 0.00 | 31.23 0.56 0.00 | 26.64 0.07 0.00 | 25.14 0.00 0.00 | 25.04 -0.21 0.00 | 23.41 0.17 0.00 | 25.77 0.36 0.00 |
| HUNTLEY___65 23559 | 22.81 -0.19 0.00 | 24.13 0.03 0.00 | 25.47 0.10 0.00 | 24.68 0.29 0.00 | 18.56 0.15 0.00 | 22.15 0.63 0.00 | 36.37 0.23 0.00 | 32.06 0.64 0.00 | 51.11 1.01 0.00 | 21.36 0.49 0.00 | 27.59 1.06 0.00 | 27.98 0.86 0.00 | 27.95 1.07 0.00 | 31.45 1.09 0.00 | 29.22 0.89 0.00 | 26.92 0.25 0.00 | 26.04 -0.12 0.00 | 28.22 0.35 0.00 | 31.23 0.56 0.00 | 26.64 0.07 0.00 | 25.14 0.00 0.00 | 25.04 -0.21 0.00 | 23.41 0.17 0.00 | 25.77 0.36 0.00 |
| HUNTLEY___66 23560 | 22.81 -0.19 0.00 | 24.13 0.03 0.00 | 25.47 0.10 0.00 | 24.68 0.29 0.00 | 18.56 0.15 0.00 | 22.15 0.63 0.00 | 36.37 0.23 0.00 | 32.06 0.64 0.00 | 51.11 1.01 0.00 | 21.36 0.49 0.00 | 27.59 1.06 0.00 | 27.98 0.86 0.00 | 27.95 1.07 0.00 | 31.45 1.09 0.00 | 29.22 0.89 0.00 | 26.92 0.25 0.00 | 26.04 -0.12 0.00 | 28.22 0.35 0.00 | 31.23 0.56 0.00 | 26.64 0.07 0.00 | 25.14 0.00 0.00 | 25.04 -0.21 0.00 | 23.41 0.17 0.00 | 25.77 0.36 0.00 |
| HUNTLEY___67 23561 | 22.69 -0.31 0.00 | 24.00 -0.09 0.00 | 25.33 -0.04 0.00 | 24.55 0.16 0.00 | 18.46 0.05 0.00 | 22.02 0.50 0.00 | 36.16 0.03 0.00 | 31.90 0.48 0.00 | 50.85 0.75 0.00 | 21.23 0.36 0.00 | 27.43 0.89 0.00 | 27.82 0.70 0.00 | 27.79 0.91 0.00 | 31.28 0.92 0.00 | 29.03 0.70 0.00 | 26.81 0.15 0.00 | 25.90 -0.25 0.00 | 28.08 0.21 0.00 | 31.07 0.40 0.00 | 26.53 -0.05 0.00 | 25.00 -0.14 0.00 | 24.94 -0.32 0.00 | 23.27 0.04 0.00 | 25.62 0.21 0.00 |
| HUNTLEY___68 23562 | 22.69 -0.31 0.00 | 24.00 -0.09 0.00 | 25.33 -0.04 0.00 | 24.55 0.16 0.00 | 18.46 0.05 0.00 | 22.02 0.50 0.00 | 36.16 0.03 0.00 | 31.90 0.48 0.00 | 50.85 0.75 0.00 | 21.23 0.36 0.00 | 27.43 0.89 0.00 | 27.82 0.70 0.00 | 27.79 0.91 0.00 | 31.28 0.92 0.00 | 29.03 0.70 0.00 | 26.81 0.15 0.00 | 25.90 -0.25 0.00 | 28.08 0.21 0.00 | 31.07 0.40 0.00 | 26.53 -0.05 0.00 | 25.00 -0.14 0.00 | 24.94 -0.32 0.00 | 23.27 0.04 0.00 | 25.62 0.21 0.00 |
| HYLAND___LFGE 323620 | 24.02 1.02 0.00 | 25.30 1.21 0.00 | 26.67 1.31 0.00 | 25.74 1.35 0.00 | 19.28 0.87 0.00 | 22.77 1.25 0.00 | 36.99 0.85 0.00 | 33.23 1.81 0.00 | 52.93 2.82 0.00 | 21.83 0.96 0.00 | 27.93 1.40 0.00 | 28.32 1.20 0.00 | 28.22 1.33 0.00 | 31.52 1.16 0.00 | 30.04 1.71 0.00 | 27.82 1.16 0.00 | 26.88 0.73 0.00 | 29.34 1.47 0.00 | 32.70 2.03 0.00 | 28.04 1.46 0.00 | 26.30 1.16 0.00 | 26.38 1.12 0.00 | 24.24 1.01 0.00 | 27.01 1.60 0.00 |
| INDECK___CORINTH 23802 | 24.05 1.06 0.00 | 25.10 1.00 0.00 | 26.21 0.85 0.00 | 24.92 0.54 0.00 | 18.75 0.34 0.00 | 21.84 0.32 0.00 | 37.10 0.96 0.00 | 32.65 1.23 0.00 | 51.99 1.89 0.00 | 21.26 0.39 0.00 | 26.96 0.42 0.00 | 27.59 0.46 0.00 | 27.27 0.39 0.00 | 30.81 0.45 0.00 | 28.73 0.40 0.00 | 27.25 0.60 0.00 | 26.95 0.79 0.00 | 28.73 0.86 0.00 | 31.51 0.84 0.00 | 27.42 0.85 0.00 | 25.97 0.83 0.00 | 26.28 1.03 0.00 | 23.94 0.71 0.00 | 25.92 0.51 0.00 |
| INDECK___ILION 23567 | 23.22 0.23 0.00 | 24.34 0.24 0.00 | 25.62 0.26 0.00 | 24.63 0.24 0.00 | 18.65 0.24 0.00 | 21.87 0.35 0.00 | 36.77 0.63 0.00 | 32.04 0.62 0.00 | 51.00 0.90 0.00 | 21.07 0.20 0.00 | 26.72 0.19 0.00 | 27.28 0.16 0.00 | 27.02 0.13 0.00 | 30.57 0.21 0.00 | 28.61 0.28 0.00 | 27.06 0.40 0.00 | 26.74 0.58 0.00 | 28.37 0.50 0.00 | 31.22 0.55 0.00 | 27.07 0.50 0.00 | 25.74 0.60 0.00 | 25.78 0.52 0.00 | 23.65 0.41 0.00 | 25.76 0.36 0.00 |

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| INDECK___OLEAN 23982 | 23.82 0.83 0.00 | 25.24 1.14 0.00 | 26.64 1.28 0.00 | 25.79 1.40 0.00 | 19.39 0.98 0.00 | 23.08 1.56 0.00 | 38.32 2.19 0.00 | 33.91 2.49 0.00 | 53.85 3.75 0.00 | 22.29 1.41 0.00 | 28.78 2.25 0.00 | 29.25 2.13 0.00 | 29.21 2.33 0.00 | 33.01 2.65 0.00 | 30.61 2.28 0.00 | 28.37 1.70 0.00 | 27.43 1.28 0.00 | 29.60 1.72 0.00 | 32.84 2.17 0.00 | 28.10 1.53 0.00 | 26.45 1.31 0.00 | 26.48 1.23 0.00 | 24.65 1.41 0.00 | 27.09 1.69 0.00 |
| INDECK___OSWEGO 23783 | 22.59 -0.41 0.00 | 23.70 -0.40 0.00 | 24.93 -0.43 0.00 | 23.98 -0.40 0.00 | 18.08 -0.33 0.00 | 21.12 -0.40 0.00 | 35.31 -0.83 0.00 | 30.78 -0.64 0.00 | 49.01 -1.10 0.00 | 20.40 -0.47 0.00 | 25.89 -0.64 0.00 | 26.43 -0.69 0.00 | 26.24 -0.64 0.00 | 29.64 -0.72 0.00 | 27.61 -0.71 0.00 | 25.81 -0.85 0.00 | 25.24 -0.92 0.00 | 26.92 -0.95 0.00 | 29.67 -1.00 0.00 | 25.65 -0.92 0.00 | 24.26 -0.88 0.00 | 24.39 -0.86 0.00 | 22.59 -0.64 0.00 | 24.76 -0.65 0.00 |
| INDECK___YERKES 23781 | 22.83 -0.17 0.00 | 24.16 0.06 0.00 | 25.49 0.13 0.00 | 24.71 0.32 0.00 | 18.58 0.17 0.00 | 22.19 0.66 0.00 | 36.42 0.29 0.00 | 32.10 0.69 0.00 | 51.16 1.06 0.00 | 21.37 0.50 0.00 | 27.63 1.10 0.00 | 28.01 0.89 0.00 | 27.98 1.10 0.00 | 31.48 1.12 0.00 | 29.25 0.93 0.00 | 26.93 0.27 0.00 | 26.06 -0.09 0.00 | 28.28 0.41 0.00 | 31.26 0.59 0.00 | 26.67 0.09 0.00 | 25.12 -0.02 0.00 | 25.06 -0.19 0.00 | 23.43 0.20 0.00 | 25.81 0.40 0.00 |
| INDIAN POINT_GT_1 24139 | 23.87 0.88 0.00 | 24.89 0.80 0.00 | 26.14 0.79 0.00 | 25.17 0.78 0.00 | 19.20 0.79 0.00 | 22.55 1.03 0.00 | 38.09 1.95 0.00 | 33.26 1.84 0.00 | 53.07 2.97 0.00 | 22.07 1.20 0.00 | 28.02 1.49 0.00 | 28.78 1.66 0.00 | 28.43 1.55 0.00 | 32.08 1.72 0.00 | 29.96 1.64 0.00 | 28.28 1.62 0.00 | 27.81 1.65 0.00 | 29.52 1.64 0.00 | 32.60 1.93 0.00 | 28.16 1.59 0.00 | 26.68 1.54 0.00 | 26.88 1.63 0.00 | 24.57 1.33 0.00 | 26.71 1.30 0.00 |
| INDIAN POINT_GT_2 23659 | 23.87 0.88 0.00 | 24.89 0.80 0.00 | 26.14 0.79 0.00 | 25.17 0.78 0.00 | 19.20 0.79 0.00 | 22.55 1.03 0.00 | 38.09 1.95 0.00 | 33.26 1.84 0.00 | 53.07 2.97 0.00 | 22.07 1.20 0.00 | 28.02 1.49 0.00 | 28.78 1.66 0.00 | 28.43 1.55 0.00 | 32.08 1.72 0.00 | 29.96 1.64 0.00 | 28.28 1.62 0.00 | 27.81 1.65 0.00 | 29.52 1.64 0.00 | 32.60 1.93 0.00 | 28.16 1.59 0.00 | 26.68 1.54 0.00 | 26.88 1.63 0.00 | 24.57 1.33 0.00 | 26.71 1.30 0.00 |
| INDIAN POINT_GT_3 24019 | 23.87 0.88 0.00 | 24.89 0.80 0.00 | 26.14 0.79 0.00 | 25.17 0.78 0.00 | 19.20 0.79 0.00 | 22.55 1.03 0.00 | 38.09 1.95 0.00 | 33.26 1.84 0.00 | 53.07 2.97 0.00 | 22.07 1.20 0.00 | 28.02 1.49 0.00 | 28.78 1.66 0.00 | 28.43 1.55 0.00 | 32.08 1.72 0.00 | 29.96 1.64 0.00 | 28.28 1.62 0.00 | 27.81 1.65 0.00 | 29.52 1.64 0.00 | 32.60 1.93 0.00 | 28.16 1.59 0.00 | 26.68 1.54 0.00 | 26.88 1.63 0.00 | 24.57 1.33 0.00 | 26.71 1.30 0.00 |
| INDIAN POINT___2 23530 | 23.80 0.81 0.00 | 24.83 0.73 0.00 | 26.07 0.71 0.00 | 25.10 0.72 0.00 | 19.15 0.74 0.00 | 22.50 0.98 0.00 | 38.00 1.86 0.00 | 33.17 1.75 0.00 | 52.95 2.85 0.00 | 22.02 1.15 0.00 | 27.94 1.41 0.00 | 28.71 1.59 0.00 | 28.36 1.48 0.00 | 32.02 1.66 0.00 | 29.90 1.57 0.00 | 28.21 1.55 0.00 | 27.73 1.58 0.00 | 29.43 1.55 0.00 | 32.52 1.85 0.00 | 28.09 1.51 0.00 | 26.61 1.47 0.00 | 26.80 1.55 0.00 | 24.50 1.27 0.00 | 26.65 1.24 0.00 |
| INDIAN POINT___3 23531 | 23.96 0.96 0.00 | 24.97 0.88 0.00 | 26.23 0.87 0.00 | 25.24 0.86 0.00 | 19.26 0.84 0.00 | 22.61 1.08 0.00 | 38.20 2.07 0.00 | 33.34 1.93 0.00 | 53.22 3.12 0.00 | 22.13 1.26 0.00 | 28.12 1.58 0.00 | 28.88 1.76 0.00 | 28.52 1.64 0.00 | 32.17 1.81 0.00 | 30.04 1.71 0.00 | 28.36 1.70 0.00 | 27.91 1.76 0.00 | 29.61 1.73 0.00 | 32.69 2.02 0.00 | 28.24 1.66 0.00 | 26.76 1.62 0.00 | 26.96 1.71 0.00 | 24.65 1.42 0.00 | 26.78 1.38 0.00 |
| INGHAM_C_115KV_TB7 356103 | 23.35 0.36 0.00 | 24.50 0.40 0.00 | 25.80 0.44 0.00 | 24.77 0.38 0.00 | 18.82 0.41 0.00 | 22.13 0.61 0.00 | 37.33 1.19 0.00 | 32.63 1.21 0.00 | 51.79 1.68 0.00 | 21.18 0.31 0.00 | 26.77 0.24 0.00 | 27.32 0.20 0.00 | 27.06 0.18 0.00 | 30.65 0.29 0.00 | 28.76 0.44 0.00 | 27.34 0.68 0.00 | 27.19 1.04 0.00 | 28.77 0.90 0.00 | 31.69 1.02 0.00 | 27.51 0.94 0.00 | 26.25 1.12 0.00 | 26.26 1.00 0.00 | 24.01 0.77 0.00 | 26.05 0.64 0.00 |
| IP CORINTH___1 23988 | 24.05 1.06 0.00 | 25.10 1.00 0.00 | 26.24 0.88 0.00 | 24.98 0.59 0.00 | 18.83 0.42 0.00 | 21.97 0.45 0.00 | 37.33 1.19 0.00 | 32.84 1.42 0.00 | 52.29 2.19 0.00 | 21.38 0.51 0.00 | 27.13 0.60 0.00 | 27.75 0.63 0.00 | 27.44 0.55 0.00 | 31.00 0.63 0.00 | 28.90 0.58 0.00 | 27.41 0.75 0.00 | 27.10 0.95 0.00 | 28.91 1.04 0.00 | 31.70 1.03 0.00 | 27.58 1.01 0.00 | 26.11 0.97 0.00 | 26.43 1.17 0.00 | 24.08 0.84 0.00 | 26.07 0.66 0.00 |
| IP___TICONDEROGA 23804 | 24.69 1.70 0.00 | 25.58 1.48 0.00 | 26.75 1.39 0.00 | 25.47 1.08 0.00 | 19.35 0.94 0.00 | 23.04 1.52 0.00 | 39.28 3.15 0.00 | 34.46 3.04 0.00 | 54.65 4.55 0.00 | 22.00 1.13 0.00 | 28.03 1.50 0.00 | 28.50 1.38 0.00 | 28.13 1.24 0.00 | 31.86 1.50 0.00 | 29.67 1.34 0.00 | 28.37 1.71 0.00 | 28.50 2.35 0.00 | 30.39 2.52 0.00 | 32.88 2.21 0.00 | 28.98 2.40 0.00 | 27.42 2.28 0.00 | 27.73 2.48 0.00 | 25.21 1.97 0.00 | 27.22 1.82 0.00 |
| ISLIP_RES_REC 323679 | 24.59 1.59 0.00 | 25.56 1.46 0.00 | 26.68 1.32 0.00 | 25.50 1.11 0.00 | 19.62 1.21 0.00 | 22.93 1.41 0.00 | 38.95 2.82 0.00 | 33.75 2.33 0.00 | 54.58 4.48 0.00 | 22.68 1.81 0.00 | 28.84 2.30 0.00 | 29.68 2.56 0.00 | 29.13 2.24 0.00 | 32.97 2.61 0.00 | 30.82 2.49 0.00 | 28.95 2.29 0.00 | 28.37 2.21 0.00 | 30.27 2.39 0.00 | 33.88 3.21 0.00 | 29.01 2.43 0.00 | 27.24 2.11 0.00 | 27.57 2.31 0.00 | 25.15 1.91 0.00 | 27.20 1.79 0.00 |
| JAMAICA___27_KV_LOAD 355505 | 24.26 1.27 0.00 | 25.24 1.15 0.00 | 26.58 1.22 0.00 | 25.61 1.22 0.00 | 19.58 1.17 0.00 | 23.04 1.52 0.00 | 38.90 2.77 0.00 | 33.96 2.54 0.00 | 54.05 3.95 0.00 | 22.55 1.67 0.00 | 28.57 2.04 0.00 | 29.38 2.27 0.00 | 29.04 2.16 0.00 | 32.75 2.39 0.00 | 30.60 2.27 0.00 | 28.91 2.25 0.00 | 28.43 2.28 0.00 | 30.11 2.24 0.00 | 33.22 2.55 0.00 | 28.68 2.11 0.00 | 27.20 2.06 0.00 | 27.38 2.12 0.00 | 25.00 1.77 0.00 | 27.22 1.81 0.00 |
| JANIS___SOLAR 323808 | 24.16 1.17 0.00 | 25.41 1.31 0.00 | 26.76 1.40 0.00 | 25.81 1.42 0.00 | 19.51 1.10 0.00 | 23.03 1.51 0.00 | 38.79 2.65 0.00 | 34.07 2.65 0.00 | 54.38 4.28 0.00 | 22.37 1.50 0.00 | 28.37 1.84 0.00 | 28.93 1.82 0.00 | 28.88 2.00 0.00 | 32.64 2.28 0.00 | 30.53 2.20 0.00 | 28.67 2.01 0.00 | 28.15 2.00 0.00 | 30.17 2.30 0.00 | 33.43 2.76 0.00 | 28.82 2.25 0.00 | 27.27 2.13 0.00 | 27.24 1.99 0.00 | 25.02 1.79 0.00 | 27.22 1.81 0.00 |
| JARVIS____ 23743 | 23.06 0.07 0.00 | 24.17 0.08 0.00 | 25.44 0.08 0.00 | 24.46 0.07 0.00 | 18.48 0.07 0.00 | 21.63 0.11 0.00 | 36.33 0.19 0.00 | 31.61 0.19 0.00 | 50.40 0.30 0.00 | 20.96 0.09 0.00 | 26.62 0.09 0.00 | 27.21 0.08 0.00 | 26.96 0.08 0.00 | 30.46 0.10 0.00 | 28.44 0.11 0.00 | 26.80 0.14 0.00 | 26.33 0.18 0.00 | 28.04 0.16 0.00 | 30.85 0.19 0.00 | 26.73 0.15 0.00 | 25.30 0.16 0.00 | 25.41 0.15 0.00 | 23.34 0.11 0.00 | 25.49 0.09 0.00 |

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| JENNISON___1 23625 | 24.04 1.04 0.00 | 25.28 1.18 0.00 | 26.61 1.25 0.00 | 25.74 1.35 0.00 | 19.50 1.08 0.00 | 22.99 1.47 0.00 | 38.75 2.62 0.00 | 34.07 2.65 0.00 | 55.04 4.93 0.00 | 22.67 1.80 0.00 | 28.89 2.36 0.00 | 29.51 2.39 0.00 | 29.48 2.59 0.00 | 33.23 2.87 0.00 | 31.07 2.75 0.00 | 29.16 2.50 0.00 | 28.62 2.46 0.00 | 30.62 2.75 0.00 | 33.92 3.24 0.00 | 29.24 2.67 0.00 | 27.69 2.55 0.00 | 27.64 2.39 0.00 | 25.40 2.17 0.00 | 27.64 2.23 0.00 |
| JENNISON___2 23626 | 24.04 1.04 0.00 | 25.28 1.18 0.00 | 26.61 1.25 0.00 | 25.74 1.35 0.00 | 19.50 1.08 0.00 | 22.99 1.47 0.00 | 38.75 2.62 0.00 | 34.07 2.65 0.00 | 55.04 4.93 0.00 | 22.67 1.80 0.00 | 28.89 2.36 0.00 | 29.51 2.39 0.00 | 29.48 2.59 0.00 | 33.23 2.87 0.00 | 31.07 2.75 0.00 | 29.16 2.50 0.00 | 28.62 2.46 0.00 | 30.62 2.75 0.00 | 33.92 3.24 0.00 | 29.24 2.67 0.00 | 27.69 2.55 0.00 | 27.64 2.39 0.00 | 25.40 2.17 0.00 | 27.64 2.23 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 22.86 -0.13 0.00 | 24.02 -0.08 0.00 | 25.34 -0.01 0.00 | 24.40 0.01 0.00 | 18.20 -0.21 0.00 | 21.08 -0.44 0.00 | 35.47 -0.67 0.00 | 30.24 -1.18 0.00 | 48.51 -1.59 0.00 | 20.51 -0.36 0.00 | 26.52 -0.01 0.00 | 27.12 0.00 0.00 | 26.85 -0.04 0.00 | 30.43 0.06 0.00 | 28.36 0.03 0.00 | 26.76 0.10 0.00 | 25.98 -0.17 0.00 | 27.51 -0.36 0.00 | 30.16 -0.52 0.00 | 26.30 -0.28 0.00 | 24.79 -0.35 0.00 | 24.92 -0.33 0.00 | 23.04 -0.19 0.00 | 25.66 0.25 0.00 |
| KATONAH___115KV_46KV_TB4 355592 | 24.08 1.08 0.00 | 25.10 1.01 0.00 | 26.38 1.02 0.00 | 25.38 0.99 0.00 | 19.35 0.94 0.00 | 22.73 1.21 0.00 | 38.45 2.32 0.00 | 33.57 2.16 0.00 | 53.63 3.52 0.00 | 22.33 1.46 0.00 | 28.35 1.82 0.00 | 29.09 1.97 0.00 | 28.70 1.82 0.00 | 32.34 1.98 0.00 | 30.21 1.89 0.00 | 28.52 1.86 0.00 | 28.08 1.92 0.00 | 29.80 1.93 0.00 | 32.92 2.25 0.00 | 28.44 1.86 0.00 | 26.94 1.80 0.00 | 27.13 1.88 0.00 | 24.79 1.56 0.00 | 26.92 1.51 0.00 |
| KCE_NY_1 323755 | 24.13 1.13 0.00 | 25.22 1.12 0.00 | 26.45 1.09 0.00 | 25.32 0.93 0.00 | 19.18 0.76 0.00 | 22.47 0.94 0.00 | 38.09 1.96 0.00 | 33.35 1.93 0.00 | 53.11 3.01 0.00 | 21.81 0.94 0.00 | 27.70 1.17 0.00 | 28.35 1.23 0.00 | 28.05 1.17 0.00 | 31.67 1.31 0.00 | 29.59 1.26 0.00 | 27.98 1.32 0.00 | 27.56 1.40 0.00 | 29.35 1.47 0.00 | 32.30 1.62 0.00 | 28.00 1.43 0.00 | 26.56 1.42 0.00 | 26.83 1.57 0.00 | 24.47 1.24 0.00 | 26.56 1.15 0.00 |
| KCE_NY_6_ESR 323823 | 23.05 0.06 0.00 | 24.38 0.28 0.00 | 25.73 0.37 0.00 | 24.94 0.56 0.00 | 18.77 0.36 0.00 | 22.40 0.87 0.00 | 36.89 0.76 0.00 | 32.59 1.17 0.00 | 51.86 1.75 0.00 | 21.61 0.74 0.00 | 27.98 1.45 0.00 | 28.35 1.23 0.00 | 28.28 1.40 0.00 | 31.87 1.51 0.00 | 29.58 1.25 0.00 | 27.32 0.66 0.00 | 26.43 0.27 0.00 | 28.66 0.79 0.00 | 31.74 1.07 0.00 | 27.10 0.52 0.00 | 25.50 0.36 0.00 | 25.47 0.22 0.00 | 23.74 0.51 0.00 | 26.12 0.72 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 24.47 1.47 0.00 | 25.45 1.35 0.00 | 26.57 1.21 0.00 | 25.40 1.01 0.00 | 19.52 1.11 0.00 | 22.81 1.29 0.00 | 38.64 2.51 0.00 | 33.41 1.99 0.00 | 54.03 3.93 0.00 | 22.48 1.61 0.00 | 28.64 2.10 0.00 | 29.48 2.36 0.00 | 28.93 2.05 0.00 | 32.72 2.37 0.00 | 30.55 2.23 0.00 | 28.68 2.02 0.00 | 28.12 1.97 0.00 | 29.96 2.09 0.00 | 33.53 2.85 0.00 | 28.71 2.13 0.00 | 27.00 1.86 0.00 | 27.30 2.05 0.00 | 24.94 1.71 0.00 | 27.03 1.62 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 24.47 1.47 0.00 | 25.45 1.35 0.00 | 26.57 1.21 0.00 | 25.40 1.01 0.00 | 19.52 1.11 0.00 | 22.81 1.29 0.00 | 38.64 2.51 0.00 | 33.41 1.99 0.00 | 54.03 3.93 0.00 | 22.48 1.61 0.00 | 28.64 2.10 0.00 | 29.48 2.36 0.00 | 28.93 2.05 0.00 | 32.72 2.37 0.00 | 30.55 2.23 0.00 | 28.68 2.02 0.00 | 28.12 1.97 0.00 | 29.96 2.09 0.00 | 33.53 2.85 0.00 | 28.71 2.13 0.00 | 27.00 1.86 0.00 | 27.30 2.05 0.00 | 24.94 1.71 0.00 | 27.03 1.62 0.00 |
| KEDC_GLWD_GT4 24219 | 24.26 1.27 0.00 | 25.30 1.21 0.00 | 26.53 1.17 0.00 | 25.46 1.07 0.00 | 19.43 1.02 0.00 | 22.83 1.30 0.00 | 38.57 2.44 0.00 | 33.61 2.19 0.00 | 53.80 3.70 0.00 | 22.35 1.48 0.00 | 28.47 1.94 0.00 | 29.26 2.13 0.00 | 28.85 1.96 0.00 | 32.59 2.23 0.00 | 30.48 2.15 0.00 | 28.74 2.08 0.00 | 28.25 2.10 0.00 | 29.92 2.04 0.00 | 33.16 2.49 0.00 | 28.57 1.99 0.00 | 27.07 1.93 0.00 | 27.33 2.08 0.00 | 24.99 1.76 0.00 | 27.11 1.70 0.00 |
| KEDC_GLWD_GT5 24220 | 24.26 1.27 0.00 | 25.30 1.21 0.00 | 26.53 1.17 0.00 | 25.46 1.07 0.00 | 19.43 1.02 0.00 | 22.83 1.30 0.00 | 38.57 2.44 0.00 | 33.61 2.19 0.00 | 53.80 3.70 0.00 | 22.35 1.48 0.00 | 28.47 1.94 0.00 | 29.26 2.13 0.00 | 28.85 1.96 0.00 | 32.59 2.23 0.00 | 30.48 2.15 0.00 | 28.74 2.08 0.00 | 28.25 2.10 0.00 | 29.92 2.04 0.00 | 33.16 2.49 0.00 | 28.57 1.99 0.00 | 27.07 1.93 0.00 | 27.33 2.08 0.00 | 24.99 1.76 0.00 | 27.11 1.70 0.00 |
| KENSICO____ 23655 | 23.97 0.98 0.00 | 24.99 0.89 0.00 | 26.25 0.89 0.00 | 25.25 0.86 0.00 | 19.27 0.86 0.00 | 22.63 1.11 0.00 | 38.23 2.10 0.00 | 33.38 1.96 0.00 | 53.27 3.17 0.00 | 22.17 1.30 0.00 | 28.15 1.62 0.00 | 28.92 1.80 0.00 | 28.57 1.68 0.00 | 32.23 1.86 0.00 | 30.09 1.76 0.00 | 28.40 1.74 0.00 | 27.95 1.79 0.00 | 29.65 1.78 0.00 | 32.74 2.07 0.00 | 28.28 1.71 0.00 | 26.80 1.66 0.00 | 26.99 1.74 0.00 | 24.68 1.44 0.00 | 26.81 1.40 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 24.17 1.18 0.00 | 25.23 1.13 0.00 | 26.49 1.13 0.00 | 25.53 1.14 0.00 | 19.44 1.03 0.00 | 22.85 1.33 0.00 | 38.57 2.43 0.00 | 33.64 2.22 0.00 | 53.66 3.55 0.00 | 22.27 1.40 0.00 | 28.16 1.63 0.00 | 28.79 1.67 0.00 | 28.50 1.62 0.00 | 32.17 1.81 0.00 | 30.19 1.86 0.00 | 28.55 1.89 0.00 | 28.18 2.02 0.00 | 29.91 2.04 0.00 | 33.01 2.34 0.00 | 28.54 1.97 0.00 | 27.08 1.95 0.00 | 27.16 1.91 0.00 | 24.87 1.63 0.00 | 27.07 1.67 0.00 |
| KIAC_JFK_GT1 23816 | 24.19 1.19 0.00 | 25.17 1.07 0.00 | 26.49 1.13 0.00 | 25.54 1.15 0.00 | 19.52 1.11 0.00 | 22.96 1.44 0.00 | 38.78 2.65 0.00 | 33.86 2.44 0.00 | 53.91 3.81 0.00 | 22.48 1.61 0.00 | 28.50 1.97 0.00 | 29.32 2.19 0.00 | 28.97 2.09 0.00 | 32.65 2.29 0.00 | 30.51 2.18 0.00 | 28.83 2.17 0.00 | 28.33 2.17 0.00 | 30.03 2.16 0.00 | 33.13 2.46 0.00 | 28.60 2.03 0.00 | 27.10 1.97 0.00 | 27.30 2.05 0.00 | 24.93 1.70 0.00 | 27.13 1.72 0.00 |
| KIAC_JFK_GT2 23817 | 24.19 1.19 0.00 | 25.17 1.07 0.00 | 26.49 1.13 0.00 | 25.54 1.15 0.00 | 19.52 1.11 0.00 | 22.96 1.44 0.00 | 38.78 2.65 0.00 | 33.86 2.44 0.00 | 53.91 3.81 0.00 | 22.48 1.61 0.00 | 28.50 1.97 0.00 | 29.32 2.19 0.00 | 28.97 2.09 0.00 | 32.65 2.29 0.00 | 30.51 2.18 0.00 | 28.83 2.17 0.00 | 28.33 2.17 0.00 | 30.03 2.16 0.00 | 33.13 2.46 0.00 | 28.60 2.03 0.00 | 27.10 1.97 0.00 | 27.30 2.05 0.00 | 24.93 1.70 0.00 | 27.13 1.72 0.00 |
| KIAC_JFK____ 323774 | 24.19 1.19 0.00 | 25.17 1.07 0.00 | 26.49 1.13 0.00 | 25.54 1.15 0.00 | 19.52 1.11 0.00 | 22.96 1.44 0.00 | 38.78 2.64 0.00 | 33.85 2.43 0.00 | 53.91 3.81 0.00 | 22.48 1.61 0.00 | 28.49 1.96 0.00 | 29.32 2.19 0.00 | 28.98 2.09 0.00 | 32.66 2.29 0.00 | 30.51 2.18 0.00 | 28.83 2.17 0.00 | 28.33 2.18 0.00 | 30.02 2.15 0.00 | 33.13 2.46 0.00 | 28.60 2.03 0.00 | 27.12 1.98 0.00 | 27.30 2.05 0.00 | 24.93 1.70 0.00 | 27.13 1.72 0.00 |

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| KINTIGH____ 23543 | 22.56 -0.44 0.00 | 23.84 -0.26 0.00 | 25.13 -0.23 0.00 | 24.34 -0.05 0.00 | 18.31 -0.10 0.00 | 21.76 0.23 0.00 | 35.85 -0.29 0.00 | 31.58 0.16 0.00 | 50.33 0.22 0.00 | 20.98 0.11 0.00 | 27.01 0.48 0.00 | 27.44 0.32 0.00 | 27.41 0.53 0.00 | 30.87 0.51 0.00 | 28.67 0.34 0.00 | 26.56 -0.10 0.00 | 25.70 -0.45 0.00 | 27.80 -0.08 0.00 | 30.72 0.05 0.00 | 26.29 -0.29 0.00 | 24.77 -0.37 0.00 | 24.73 -0.52 0.00 | 23.04 -0.20 0.00 | 25.33 -0.07 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 23.09 0.10 0.00 | 24.25 0.15 0.00 | 25.59 0.23 0.00 | 24.64 0.24 0.00 | 18.37 -0.04 0.00 | 21.26 -0.26 0.00 | 35.67 -0.47 0.00 | 30.19 -1.23 0.00 | 48.50 -1.61 0.00 | 20.53 -0.34 0.00 | 26.76 0.23 0.00 | 27.41 0.29 0.00 | 27.11 0.23 0.00 | 30.73 0.37 0.00 | 28.62 0.30 0.00 | 27.01 0.35 0.00 | 26.11 -0.04 0.00 | 27.57 -0.31 0.00 | 30.20 -0.47 0.00 | 26.39 -0.19 0.00 | 24.87 -0.27 0.00 | 25.04 -0.21 0.00 | 23.21 -0.02 0.00 | 26.06 0.66 0.00 |
| LACHUTE__HYDRO 323717 | 24.69 1.70 0.00 | 25.58 1.48 0.00 | 26.75 1.39 0.00 | 25.47 1.08 0.00 | 19.35 0.94 0.00 | 23.04 1.52 0.00 | 39.28 3.14 0.00 | 34.46 3.04 0.00 | 54.65 4.54 0.00 | 22.00 1.13 0.00 | 28.02 1.49 0.00 | 28.50 1.38 0.00 | 28.13 1.24 0.00 | 31.86 1.50 0.00 | 29.67 1.34 0.00 | 28.37 1.71 0.00 | 28.50 2.35 0.00 | 30.39 2.51 0.00 | 32.89 2.22 0.00 | 28.97 2.40 0.00 | 27.42 2.29 0.00 | 27.73 2.48 0.00 | 25.21 1.97 0.00 | 27.22 1.82 0.00 |
| LAWRNCV_115KV_TB1 80681 | 23.05 0.06 0.00 | 24.11 0.01 0.00 | 25.42 0.06 0.00 | 24.43 0.05 0.00 | 18.28 -0.14 0.00 | 21.15 -0.37 0.00 | 35.59 -0.54 0.00 | 30.65 -0.77 0.00 | 48.87 -1.24 0.00 | 20.37 -0.50 0.00 | 25.90 -0.63 0.00 | 26.43 -0.69 0.00 | 26.24 -0.65 0.00 | 29.67 -0.70 0.00 | 27.62 -0.70 0.00 | 26.03 -0.63 0.00 | 25.52 -0.63 0.00 | 27.21 -0.67 0.00 | 29.84 -0.83 0.00 | 25.94 -0.64 0.00 | 24.48 -0.65 0.00 | 24.64 -0.61 0.00 | 23.00 -0.23 0.00 | 25.46 0.05 0.00 |
| LEDERLE____ 23769 | 23.79 0.80 0.00 | 24.83 0.73 0.00 | 26.06 0.70 0.00 | 25.12 0.73 0.00 | 19.15 0.74 0.00 | 22.53 1.00 0.00 | 38.02 1.89 0.00 | 33.21 1.79 0.00 | 53.01 2.91 0.00 | 22.02 1.15 0.00 | 27.95 1.42 0.00 | 28.71 1.60 0.00 | 28.38 1.50 0.00 | 32.06 1.70 0.00 | 29.95 1.62 0.00 | 28.24 1.58 0.00 | 27.74 1.59 0.00 | 29.47 1.60 0.00 | 32.56 1.90 0.00 | 28.14 1.56 0.00 | 26.65 1.51 0.00 | 26.82 1.56 0.00 | 24.51 1.28 0.00 | 26.68 1.27 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 22.95 -0.04 0.00 | 24.06 -0.04 0.00 | 25.32 -0.04 0.00 | 24.37 -0.01 0.00 | 18.39 -0.02 0.00 | 21.55 0.03 0.00 | 36.15 0.02 0.00 | 31.53 0.11 0.00 | 50.10 0.00 0.00 | 20.73 -0.14 0.00 | 26.20 -0.33 0.00 | 26.76 -0.36 0.00 | 26.64 -0.24 0.00 | 30.13 -0.23 0.00 | 28.06 -0.27 0.00 | 26.33 -0.33 0.00 | 25.82 -0.34 0.00 | 27.63 -0.24 0.00 | 30.47 -0.20 0.00 | 26.33 -0.25 0.00 | 24.87 -0.27 0.00 | 24.96 -0.29 0.00 | 23.05 -0.18 0.00 | 25.23 -0.18 0.00 |
| LINDEN COGEN____ 23786 | 23.97 0.97 0.00 | 24.95 0.85 0.00 | 26.20 0.84 0.00 | 25.23 0.84 0.00 | 19.30 0.88 0.00 | 22.66 1.14 0.00 | 38.28 2.15 0.00 | 33.40 1.99 0.00 | 53.31 3.21 0.00 | 22.23 1.36 0.00 | 28.19 1.66 0.00 | 28.99 1.87 0.00 | 28.64 1.76 0.00 | 32.29 1.93 0.00 | 30.14 1.81 0.00 | 28.46 1.80 0.00 | 28.00 1.85 0.00 | 29.66 1.79 0.00 | 32.76 2.09 0.00 | 28.28 1.70 0.00 | 26.81 1.68 0.00 | 26.99 1.73 0.00 | 24.68 1.45 0.00 | 26.86 1.45 0.00 |
| LINDHRST_69_KV_BK1 356055 | 24.42 1.43 0.00 | 25.47 1.37 0.00 | 26.66 1.30 0.00 | 25.55 1.16 0.00 | 19.51 1.10 0.00 | 22.89 1.37 0.00 | 38.75 2.61 0.00 | 33.72 2.30 0.00 | 54.11 4.00 0.00 | 22.45 1.58 0.00 | 28.62 2.09 0.00 | 29.36 2.24 0.00 | 28.90 2.01 0.00 | 32.71 2.35 0.00 | 30.61 2.28 0.00 | 28.81 2.15 0.00 | 28.34 2.18 0.00 | 30.10 2.23 0.00 | 33.43 2.76 0.00 | 28.74 2.16 0.00 | 27.14 2.00 0.00 | 27.47 2.22 0.00 | 25.11 1.88 0.00 | 27.23 1.82 0.00 |
| LIPA_MISC_IPP 23656 | 24.43 1.43 0.00 | 25.39 1.29 0.00 | 26.50 1.14 0.00 | 25.31 0.93 0.00 | 19.49 1.08 0.00 | 22.78 1.26 0.00 | 38.63 2.50 0.00 | 33.31 1.89 0.00 | 53.89 3.79 0.00 | 22.41 1.54 0.00 | 28.54 2.01 0.00 | 29.31 2.19 0.00 | 28.74 1.86 0.00 | 32.58 2.22 0.00 | 30.46 2.13 0.00 | 28.61 1.95 0.00 | 28.11 1.96 0.00 | 29.99 2.12 0.00 | 33.47 2.80 0.00 | 28.65 2.08 0.00 | 26.94 1.80 0.00 | 27.23 1.98 0.00 | 24.87 1.64 0.00 | 26.98 1.57 0.00 |
| LISF__SOLAR 323691 | 24.45 1.45 0.00 | 25.41 1.31 0.00 | 26.52 1.16 0.00 | 25.33 0.95 0.00 | 19.51 1.10 0.00 | 22.80 1.28 0.00 | 38.61 2.47 0.00 | 33.30 1.88 0.00 | 53.90 3.80 0.00 | 22.44 1.57 0.00 | 28.51 1.98 0.00 | 29.28 2.16 0.00 | 28.71 1.83 0.00 | 32.58 2.22 0.00 | 30.46 2.13 0.00 | 28.61 1.95 0.00 | 28.14 1.99 0.00 | 29.93 2.06 0.00 | 33.48 2.81 0.00 | 28.67 2.09 0.00 | 27.00 1.86 0.00 | 27.24 1.98 0.00 | 24.88 1.65 0.00 | 27.00 1.59 0.00 |
| LITTLE FALLS__HYD 24013 | 23.35 0.36 0.00 | 24.50 0.40 0.00 | 25.80 0.44 0.00 | 24.77 0.38 0.00 | 18.82 0.41 0.00 | 22.13 0.61 0.00 | 37.33 1.19 0.00 | 32.63 1.21 0.00 | 51.79 1.68 0.00 | 21.18 0.31 0.00 | 26.77 0.24 0.00 | 27.32 0.20 0.00 | 27.06 0.18 0.00 | 30.65 0.29 0.00 | 28.76 0.44 0.00 | 27.34 0.68 0.00 | 27.19 1.04 0.00 | 28.77 0.90 0.00 | 31.69 1.02 0.00 | 27.51 0.94 0.00 | 26.25 1.12 0.00 | 26.26 1.00 0.00 | 24.01 0.77 0.00 | 26.05 0.64 0.00 |
| LITTLRIV_115KV_TB1 356100 | 23.49 0.50 0.00 | 24.57 0.48 0.00 | 25.90 0.54 0.00 | 24.90 0.51 0.00 | 18.64 0.23 0.00 | 21.59 0.07 0.00 | 36.35 0.22 0.00 | 31.30 -0.12 0.00 | 49.85 -0.25 0.00 | 20.67 -0.20 0.00 | 26.19 -0.34 0.00 | 26.69 -0.43 0.00 | 26.54 -0.35 0.00 | 29.97 -0.39 0.00 | 27.93 -0.40 0.00 | 26.30 -0.36 0.00 | 25.85 -0.30 0.00 | 27.54 -0.34 0.00 | 30.19 -0.48 0.00 | 26.27 -0.31 0.00 | 24.82 -0.32 0.00 | 24.92 -0.34 0.00 | 23.27 0.03 0.00 | 25.76 0.35 0.00 |
| LI_NEWBRDGE__DRP 323616 | 24.05 1.05 0.00 | 25.09 0.99 0.00 | 26.30 0.95 0.00 | 25.24 0.85 0.00 | 19.27 0.85 0.00 | 22.62 1.10 0.00 | 38.20 2.07 0.00 | 33.25 1.83 0.00 | 53.21 3.11 0.00 | 22.11 1.24 0.00 | 28.17 1.64 0.00 | 28.94 1.82 0.00 | 28.52 1.64 0.00 | 32.23 1.87 0.00 | 30.13 1.81 0.00 | 28.40 1.74 0.00 | 27.95 1.80 0.00 | 29.60 1.73 0.00 | 32.78 2.11 0.00 | 28.24 1.67 0.00 | 26.75 1.61 0.00 | 27.03 1.78 0.00 | 24.72 1.49 0.00 | 26.85 1.44 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 22.55 -0.45 0.00 | 23.86 -0.24 0.00 | 25.15 -0.21 0.00 | 24.37 -0.02 0.00 | 18.35 -0.06 0.00 | 21.89 0.36 0.00 | 35.84 -0.29 0.00 | 31.61 0.19 0.00 | 50.40 0.30 0.00 | 21.06 0.19 0.00 | 27.18 0.65 0.00 | 27.58 0.45 0.00 | 27.56 0.67 0.00 | 30.99 0.63 0.00 | 28.78 0.46 0.00 | 26.55 -0.11 0.00 | 25.66 -0.49 0.00 | 27.84 -0.04 0.00 | 30.75 0.08 0.00 | 26.26 -0.32 0.00 | 24.76 -0.37 0.00 | 24.69 -0.57 0.00 | 23.15 -0.08 0.00 | 25.53 0.12 0.00 |
| LOCKPORT__CC1 323769 | 22.52 -0.48 0.00 | 23.82 -0.27 0.00 | 25.12 -0.23 0.00 | 24.34 -0.05 0.00 | 18.32 -0.09 0.00 | 21.86 0.34 0.00 | 35.76 -0.37 0.00 | 31.55 0.13 0.00 | 50.26 0.16 0.00 | 20.99 0.12 0.00 | 27.14 0.60 0.00 | 27.51 0.39 0.00 | 27.50 0.62 0.00 | 30.93 0.56 0.00 | 28.72 0.40 0.00 | 26.47 -0.19 0.00 | 25.60 -0.55 0.00 | 27.78 -0.09 0.00 | 30.69 0.02 0.00 | 26.19 -0.38 0.00 | 24.66 -0.47 0.00 | 24.63 -0.63 0.00 | 23.14 -0.09 0.00 | 25.54 0.13 0.00 |

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| LOCKPORT___CC2 323770 | 22.52 -0.48 0.00 | 23.82 -0.27 0.00 | 25.12 -0.23 0.00 | 24.34 -0.05 0.00 | 18.32 -0.09 0.00 | 21.86 0.34 0.00 | 35.76 -0.37 0.00 | 31.55 0.13 0.00 | 50.26 0.16 0.00 | 20.99 0.12 0.00 | 27.14 0.60 0.00 | 27.51 0.39 0.00 | 27.50 0.62 0.00 | 30.93 0.56 0.00 | 28.72 0.40 0.00 | 26.47 -0.19 0.00 | 25.60 -0.55 0.00 | 27.78 -0.09 0.00 | 30.69 0.02 0.00 | 26.19 -0.38 0.00 | 24.66 -0.47 0.00 | 24.63 -0.63 0.00 | 23.14 -0.09 0.00 | 25.54 0.13 0.00 |
| LOCKPORT___CC3 323771 | 22.52 -0.48 0.00 | 23.82 -0.27 0.00 | 25.12 -0.23 0.00 | 24.34 -0.05 0.00 | 18.32 -0.09 0.00 | 21.86 0.34 0.00 | 35.76 -0.37 0.00 | 31.55 0.13 0.00 | 50.26 0.16 0.00 | 20.99 0.12 0.00 | 27.14 0.60 0.00 | 27.51 0.39 0.00 | 27.50 0.62 0.00 | 30.93 0.56 0.00 | 28.72 0.40 0.00 | 26.47 -0.19 0.00 | 25.60 -0.55 0.00 | 27.78 -0.09 0.00 | 30.69 0.02 0.00 | 26.19 -0.38 0.00 | 24.66 -0.47 0.00 | 24.63 -0.63 0.00 | 23.14 -0.09 0.00 | 25.54 0.13 0.00 |
| LONG_LAKE_PHOENIX 24014 | 22.82 -0.18 0.00 | 23.95 -0.15 0.00 | 25.20 -0.16 0.00 | 24.25 -0.14 0.00 | 18.28 -0.13 0.00 | 21.37 -0.15 0.00 | 35.70 -0.43 0.00 | 31.13 -0.29 0.00 | 49.57 -0.54 0.00 | 20.65 -0.22 0.00 | 26.26 -0.27 0.00 | 26.79 -0.33 0.00 | 26.59 -0.30 0.00 | 30.04 -0.33 0.00 | 28.00 -0.33 0.00 | 26.27 -0.40 0.00 | 25.76 -0.39 0.00 | 27.48 -0.39 0.00 | 30.29 -0.38 0.00 | 26.17 -0.40 0.00 | 24.78 -0.36 0.00 | 24.84 -0.42 0.00 | 22.90 -0.33 0.00 | 25.05 -0.35 0.00 |
| LOVETT___3 23632 | 23.65 0.65 0.00 | 24.68 0.58 0.00 | 25.91 0.55 0.00 | 24.97 0.58 0.00 | 19.04 0.63 0.00 | 22.39 0.87 0.00 | 37.78 1.65 0.00 | 33.00 1.58 0.00 | 52.66 2.56 0.00 | 21.88 1.01 0.00 | 27.75 1.23 0.00 | 28.52 1.40 0.00 | 28.18 1.30 0.00 | 31.83 1.47 0.00 | 29.74 1.41 0.00 | 28.04 1.38 0.00 | 27.53 1.38 0.00 | 29.25 1.38 0.00 | 32.34 1.67 0.00 | 27.93 1.36 0.00 | 26.45 1.31 0.00 | 26.64 1.38 0.00 | 24.36 1.12 0.00 | 26.50 1.09 0.00 |
| LOVETT___4 23642 | 23.65 0.65 0.00 | 24.68 0.58 0.00 | 25.91 0.55 0.00 | 24.97 0.58 0.00 | 19.04 0.63 0.00 | 22.39 0.87 0.00 | 37.78 1.65 0.00 | 33.00 1.58 0.00 | 52.66 2.56 0.00 | 21.88 1.01 0.00 | 27.75 1.23 0.00 | 28.52 1.40 0.00 | 28.18 1.30 0.00 | 31.83 1.47 0.00 | 29.74 1.41 0.00 | 28.04 1.38 0.00 | 27.53 1.38 0.00 | 29.25 1.38 0.00 | 32.34 1.67 0.00 | 27.93 1.36 0.00 | 26.45 1.31 0.00 | 26.64 1.38 0.00 | 24.36 1.12 0.00 | 26.50 1.09 0.00 |
| LOVETT___5 23593 | 23.65 0.65 0.00 | 24.68 0.58 0.00 | 25.91 0.55 0.00 | 24.97 0.58 0.00 | 19.04 0.63 0.00 | 22.39 0.87 0.00 | 37.78 1.65 0.00 | 33.00 1.58 0.00 | 52.66 2.56 0.00 | 21.88 1.01 0.00 | 27.75 1.23 0.00 | 28.52 1.40 0.00 | 28.18 1.30 0.00 | 31.83 1.47 0.00 | 29.74 1.41 0.00 | 28.04 1.38 0.00 | 27.53 1.38 0.00 | 29.25 1.38 0.00 | 32.34 1.67 0.00 | 27.93 1.36 0.00 | 26.45 1.31 0.00 | 26.64 1.38 0.00 | 24.36 1.12 0.00 | 26.50 1.09 0.00 |
| LOWER RAQUET___HYD 24057 | 23.05 0.06 0.00 | 24.12 0.02 0.00 | 25.42 0.06 0.00 | 24.44 0.05 0.00 | 18.26 -0.15 0.00 | 21.10 -0.42 0.00 | 35.53 -0.61 0.00 | 30.56 -0.86 0.00 | 48.71 -1.39 0.00 | 20.29 -0.58 0.00 | 25.78 -0.75 0.00 | 26.30 -0.83 0.00 | 26.11 -0.77 0.00 | 29.52 -0.84 0.00 | 27.50 -0.83 0.00 | 25.92 -0.74 0.00 | 25.42 -0.73 0.00 | 27.10 -0.77 0.00 | 29.72 -0.95 0.00 | 25.83 -0.74 0.00 | 24.39 -0.75 0.00 | 24.56 -0.69 0.00 | 22.97 -0.27 0.00 | 25.45 0.04 0.00 |
| LOWER___HUDSON 24059 | 23.85 0.85 0.00 | 24.91 0.82 0.00 | 26.19 0.83 0.00 | 25.11 0.72 0.00 | 19.04 0.63 0.00 | 22.31 0.79 0.00 | 37.73 1.59 0.00 | 32.89 1.48 0.00 | 52.45 2.34 0.00 | 21.62 0.75 0.00 | 27.47 0.94 0.00 | 28.12 1.00 0.00 | 27.80 0.91 0.00 | 31.34 0.98 0.00 | 29.29 0.97 0.00 | 27.70 1.04 0.00 | 27.27 1.12 0.00 | 29.00 1.12 0.00 | 31.87 1.20 0.00 | 27.65 1.08 0.00 | 26.29 1.15 0.00 | 26.51 1.26 0.00 | 24.22 0.99 0.00 | 26.38 0.98 0.00 |
| LOWVILLE_115KV_TB2 356335 | 23.40 0.41 0.00 | 24.48 0.38 0.00 | 25.76 0.41 0.00 | 24.82 0.43 0.00 | 18.75 0.34 0.00 | 22.01 0.49 0.00 | 37.10 0.97 0.00 | 32.26 0.84 0.00 | 51.36 1.25 0.00 | 21.15 0.28 0.00 | 26.64 0.11 0.00 | 27.13 0.01 0.00 | 27.05 0.17 0.00 | 30.74 0.38 0.00 | 28.70 0.38 0.00 | 27.09 0.43 0.00 | 26.68 0.53 0.00 | 28.43 0.56 0.00 | 31.22 0.55 0.00 | 27.04 0.47 0.00 | 25.48 0.34 0.00 | 25.46 0.21 0.00 | 23.53 0.30 0.00 | 25.92 0.51 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 24.12 1.13 0.00 | 25.20 1.11 0.00 | 26.45 1.09 0.00 | 25.33 0.94 0.00 | 19.18 0.77 0.00 | 22.47 0.95 0.00 | 38.07 1.94 0.00 | 33.30 1.88 0.00 | 53.08 2.97 0.00 | 21.80 0.93 0.00 | 27.68 1.15 0.00 | 28.34 1.22 0.00 | 28.03 1.15 0.00 | 31.65 1.29 0.00 | 29.57 1.24 0.00 | 27.97 1.31 0.00 | 27.55 1.40 0.00 | 29.35 1.48 0.00 | 32.27 1.60 0.00 | 27.99 1.42 0.00 | 26.54 1.40 0.00 | 26.78 1.53 0.00 | 24.45 1.22 0.00 | 26.55 1.15 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 24.13 1.13 0.00 | 25.22 1.12 0.00 | 26.45 1.09 0.00 | 25.32 0.93 0.00 | 19.18 0.76 0.00 | 22.46 0.94 0.00 | 38.10 1.97 0.00 | 33.35 1.93 0.00 | 53.11 3.01 0.00 | 21.80 0.93 0.00 | 27.71 1.18 0.00 | 28.35 1.23 0.00 | 28.05 1.17 0.00 | 31.67 1.31 0.00 | 29.59 1.26 0.00 | 27.98 1.32 0.00 | 27.56 1.40 0.00 | 29.36 1.48 0.00 | 32.30 1.63 0.00 | 28.01 1.43 0.00 | 26.55 1.41 0.00 | 26.82 1.57 0.00 | 24.47 1.24 0.00 | 26.56 1.15 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 23.10 0.11 0.00 | 24.16 0.07 0.00 | 25.45 0.09 0.00 | 24.49 0.10 0.00 | 18.40 -0.01 0.00 | 21.44 -0.08 0.00 | 36.15 0.02 0.00 | 31.28 -0.14 0.00 | 49.80 -0.30 0.00 | 20.60 -0.27 0.00 | 26.03 -0.50 0.00 | 26.55 -0.57 0.00 | 26.44 -0.44 0.00 | 29.96 -0.40 0.00 | 27.94 -0.39 0.00 | 26.34 -0.32 0.00 | 25.87 -0.28 0.00 | 27.62 -0.26 0.00 | 30.31 -0.36 0.00 | 26.30 -0.27 0.00 | 24.79 -0.35 0.00 | 24.90 -0.36 0.00 | 23.13 -0.10 0.00 | 25.52 0.11 0.00 |
| LYONS_FALL_HYD 23570 | 23.48 0.49 0.00 | 24.59 0.49 0.00 | 25.87 0.51 0.00 | 24.91 0.52 0.00 | 18.83 0.41 0.00 | 22.10 0.58 0.00 | 37.20 1.06 0.00 | 32.34 0.92 0.00 | 51.53 1.43 0.00 | 21.28 0.41 0.00 | 26.90 0.38 0.00 | 27.38 0.26 0.00 | 27.23 0.35 0.00 | 30.94 0.58 0.00 | 28.90 0.57 0.00 | 27.25 0.59 0.00 | 26.86 0.71 0.00 | 28.61 0.74 0.00 | 31.40 0.73 0.00 | 27.19 0.62 0.00 | 25.68 0.55 0.00 | 25.68 0.42 0.00 | 23.69 0.46 0.00 | 26.02 0.61 0.00 |
| MADISON___COUNTY_LFGE 323628 | 23.74 0.75 0.00 | 24.91 0.81 0.00 | 26.20 0.84 0.00 | 25.21 0.82 0.00 | 19.05 0.64 0.00 | 22.40 0.88 0.00 | 37.61 1.48 0.00 | 32.80 1.38 0.00 | 52.35 2.25 0.00 | 21.67 0.80 0.00 | 27.49 0.96 0.00 | 27.95 0.83 0.00 | 27.72 0.83 0.00 | 31.50 1.14 0.00 | 29.45 1.12 0.00 | 27.74 1.08 0.00 | 27.33 1.18 0.00 | 29.05 1.18 0.00 | 31.98 1.31 0.00 | 27.65 1.07 0.00 | 26.22 1.08 0.00 | 26.19 0.94 0.00 | 24.08 0.85 0.00 | 26.33 0.92 0.00 |
| MALONE___115KV_TB1 356076 | 23.17 0.18 0.00 | 24.32 0.22 0.00 | 25.65 0.29 0.00 | 24.69 0.30 0.00 | 18.43 0.01 0.00 | 21.35 -0.17 0.00 | 35.98 -0.16 0.00 | 30.78 -0.64 0.00 | 49.33 -0.77 0.00 | 20.76 -0.11 0.00 | 26.74 0.21 0.00 | 27.29 0.17 0.00 | 26.99 0.11 0.00 | 30.57 0.21 0.00 | 28.47 0.14 0.00 | 26.86 0.20 0.00 | 26.19 0.04 0.00 | 27.81 -0.06 0.00 | 30.50 -0.17 0.00 | 26.56 -0.01 0.00 | 25.05 -0.09 0.00 | 25.18 -0.08 0.00 | 23.33 0.10 0.00 | 25.93 0.53 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MAPLEWOD_115KV_TB3 80458 | 23.67 0.67 0.00 | 24.73 0.64 0.00 | 25.99 0.63 0.00 | 24.96 0.57 0.00 | 18.96 0.55 0.00 | 22.23 0.71 0.00 | 37.58 1.45 0.00 | 32.74 1.31 0.00 | 52.23 2.12 0.00 | 21.59 0.72 0.00 | 27.39 0.85 0.00 | 28.03 0.91 0.00 | 27.73 0.85 0.00 | 31.27 0.92 0.00 | 29.22 0.89 0.00 | 27.66 0.99 0.00 | 27.26 1.11 0.00 | 28.95 1.07 0.00 | 31.85 1.18 0.00 | 27.63 1.06 0.00 | 26.20 1.06 0.00 | 26.43 1.18 0.00 | 24.13 0.90 0.00 | 26.23 0.83 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 22.91 -0.09 0.00 | 24.02 -0.08 0.00 | 25.22 -0.13 0.00 | 24.28 -0.11 0.00 | 18.30 -0.11 0.00 | 21.39 -0.13 0.00 | 35.95 -0.18 0.00 | 31.21 -0.21 0.00 | 49.81 -0.30 0.00 | 20.78 -0.09 0.00 | 26.42 -0.11 0.00 | 27.01 -0.11 0.00 | 26.78 -0.10 0.00 | 30.24 -0.12 0.00 | 28.21 -0.11 0.00 | 26.56 -0.11 0.00 | 26.03 -0.12 0.00 | 27.73 -0.14 0.00 | 30.45 -0.23 0.00 | 26.40 -0.18 0.00 | 24.90 -0.24 0.00 | 24.95 -0.30 0.00 | 22.87 -0.36 0.00 | 25.16 -0.24 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 22.91 -0.09 0.00 | 24.02 -0.08 0.00 | 25.22 -0.13 0.00 | 24.28 -0.11 0.00 | 18.30 -0.11 0.00 | 21.39 -0.13 0.00 | 35.95 -0.18 0.00 | 31.21 -0.21 0.00 | 49.81 -0.30 0.00 | 20.78 -0.09 0.00 | 26.42 -0.11 0.00 | 27.01 -0.11 0.00 | 26.78 -0.10 0.00 | 30.24 -0.12 0.00 | 28.21 -0.11 0.00 | 26.56 -0.11 0.00 | 26.03 -0.12 0.00 | 27.73 -0.14 0.00 | 30.45 -0.23 0.00 | 26.40 -0.18 0.00 | 24.90 -0.24 0.00 | 24.95 -0.30 0.00 | 22.87 -0.36 0.00 | 25.16 -0.24 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 22.87 -0.12 0.00 | 24.04 -0.06 0.00 | 25.36 0.00 0.00 | 24.41 0.02 0.00 | 18.21 -0.20 0.00 | 21.08 -0.44 0.00 | 35.42 -0.71 0.00 | 30.13 -1.29 0.00 | 48.36 -1.74 0.00 | 20.47 -0.40 0.00 | 26.52 -0.01 0.00 | 27.14 0.02 0.00 | 26.88 0.00 0.00 | 30.46 0.11 0.00 | 28.39 0.07 0.00 | 26.80 0.14 0.00 | 25.98 -0.18 0.00 | 27.46 -0.41 0.00 | 30.10 -0.57 0.00 | 26.26 -0.32 0.00 | 24.76 -0.38 0.00 | 24.90 -0.35 0.00 | 23.04 -0.19 0.00 | 25.71 0.30 0.00 |
| MARSHVLE_115KV_TB1 80742 | 24.08 1.08 0.00 | 25.29 1.19 0.00 | 26.62 1.26 0.00 | 25.64 1.26 0.00 | 19.32 0.92 0.00 | 22.68 1.16 0.00 | 38.16 2.02 0.00 | 33.20 1.78 0.00 | 52.73 2.62 0.00 | 21.81 0.94 0.00 | 27.66 1.13 0.00 | 28.36 1.24 0.00 | 28.20 1.31 0.00 | 32.03 1.67 0.00 | 29.92 1.59 0.00 | 28.03 1.37 0.00 | 27.41 1.26 0.00 | 29.39 1.52 0.00 | 32.41 1.74 0.00 | 27.99 1.41 0.00 | 26.35 1.21 0.00 | 26.43 1.18 0.00 | 24.35 1.12 0.00 | 26.58 1.17 0.00 |
| MARSH_HILL_WT_PWR 323713 | 23.18 0.19 0.00 | 24.66 0.57 0.00 | 26.11 0.75 0.00 | 25.31 0.92 0.00 | 19.06 0.65 0.00 | 22.67 1.15 0.00 | 37.67 1.54 0.00 | 33.32 1.90 0.00 | 53.00 2.90 0.00 | 21.92 1.05 0.00 | 28.22 1.69 0.00 | 28.60 1.48 0.00 | 28.47 1.58 0.00 | 32.15 1.79 0.00 | 29.89 1.57 0.00 | 27.80 1.14 0.00 | 27.08 0.93 0.00 | 29.26 1.39 0.00 | 32.46 1.79 0.00 | 27.84 1.27 0.00 | 26.29 1.16 0.00 | 26.24 0.98 0.00 | 24.19 0.96 0.00 | 26.53 1.12 0.00 |
| MCINTYRE_115KV_TB2 80467 | 23.83 0.84 0.00 | 24.93 0.83 0.00 | 26.28 0.92 0.00 | 25.27 0.88 0.00 | 18.94 0.52 0.00 | 21.98 0.46 0.00 | 37.10 0.96 0.00 | 31.98 0.56 0.00 | 50.91 0.81 0.00 | 20.95 0.08 0.00 | 26.48 -0.05 0.00 | 27.00 -0.12 0.00 | 26.88 -0.01 0.00 | 30.31 -0.05 0.00 | 28.27 -0.06 0.00 | 26.56 -0.10 0.00 | 26.08 -0.07 0.00 | 27.85 -0.02 0.00 | 30.56 -0.10 0.00 | 26.60 0.02 0.00 | 25.10 -0.03 0.00 | 25.18 -0.07 0.00 | 23.45 0.21 0.00 | 25.88 0.48 0.00 |
| MECO____69_KV_BK1 80468 | 24.53 1.54 0.00 | 25.73 1.64 0.00 | 26.93 1.57 0.00 | 25.85 1.47 0.00 | 19.53 1.12 0.00 | 23.08 1.56 0.00 | 38.43 2.29 0.00 | 33.42 2.00 0.00 | 52.32 2.22 0.00 | 20.97 0.10 0.00 | 26.69 0.16 0.00 | 27.62 0.50 0.00 | 27.65 0.76 0.00 | 32.04 1.68 0.00 | 30.09 1.77 0.00 | 28.23 1.57 0.00 | 28.03 1.88 0.00 | 30.04 2.17 0.00 | 32.90 2.23 0.00 | 28.43 1.86 0.00 | 27.06 1.92 0.00 | 27.00 1.75 0.00 | 24.96 1.72 0.00 | 27.13 1.72 0.00 |
| MENANDS_115KV_TB5 355628 | 23.54 0.54 0.00 | 24.59 0.50 0.00 | 25.86 0.50 0.00 | 24.83 0.44 0.00 | 18.87 0.45 0.00 | 22.11 0.59 0.00 | 37.37 1.24 0.00 | 32.53 1.11 0.00 | 51.92 1.81 0.00 | 21.51 0.64 0.00 | 27.30 0.76 0.00 | 27.94 0.82 0.00 | 27.63 0.75 0.00 | 31.16 0.80 0.00 | 29.10 0.77 0.00 | 27.55 0.88 0.00 | 27.15 0.99 0.00 | 28.82 0.95 0.00 | 31.70 1.03 0.00 | 27.51 0.93 0.00 | 26.08 0.94 0.00 | 26.32 1.06 0.00 | 24.03 0.80 0.00 | 26.13 0.72 0.00 |
| MG INDUSTRY___DRP 24185 | 23.63 0.64 0.00 | 24.75 0.66 0.00 | 26.02 0.66 0.00 | 25.02 0.63 0.00 | 18.99 0.57 0.00 | 22.22 0.70 0.00 | 37.50 1.37 0.00 | 32.66 1.24 0.00 | 52.01 1.91 0.00 | 21.52 0.65 0.00 | 27.29 0.76 0.00 | 27.95 0.83 0.00 | 27.66 0.78 0.00 | 31.17 0.81 0.00 | 29.10 0.78 0.00 | 27.53 0.87 0.00 | 27.15 1.00 0.00 | 28.84 0.97 0.00 | 31.73 1.06 0.00 | 27.52 0.95 0.00 | 26.09 0.95 0.00 | 26.30 1.05 0.00 | 24.07 0.84 0.00 | 26.18 0.77 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 23.10 0.11 0.00 | 24.16 0.07 0.00 | 25.45 0.09 0.00 | 24.49 0.10 0.00 | 18.40 -0.01 0.00 | 21.44 -0.08 0.00 | 36.15 0.02 0.00 | 31.28 -0.14 0.00 | 49.80 -0.30 0.00 | 20.60 -0.27 0.00 | 26.03 -0.50 0.00 | 26.55 -0.57 0.00 | 26.44 -0.44 0.00 | 29.96 -0.40 0.00 | 27.94 -0.39 0.00 | 26.34 -0.32 0.00 | 25.87 -0.28 0.00 | 27.62 -0.26 0.00 | 30.31 -0.36 0.00 | 26.30 -0.27 0.00 | 24.79 -0.35 0.00 | 24.90 -0.36 0.00 | 23.13 -0.10 0.00 | 25.52 0.11 0.00 |
| MID___RAQUETTE_HYD 23851 | 23.05 0.06 0.00 | 24.12 0.02 0.00 | 25.42 0.06 0.00 | 24.44 0.05 0.00 | 18.26 -0.15 0.00 | 21.10 -0.42 0.00 | 35.52 -0.61 0.00 | 30.56 -0.87 0.00 | 48.71 -1.39 0.00 | 20.29 -0.58 0.00 | 25.78 -0.75 0.00 | 26.30 -0.82 0.00 | 26.11 -0.77 0.00 | 29.52 -0.84 0.00 | 27.50 -0.83 0.00 | 25.92 -0.74 0.00 | 25.42 -0.74 0.00 | 27.10 -0.78 0.00 | 29.72 -0.96 0.00 | 25.83 -0.74 0.00 | 24.39 -0.75 0.00 | 24.56 -0.69 0.00 | 22.96 -0.27 0.00 | 25.45 0.04 0.00 |
| MILLIKEN___1 23584 | 23.64 0.64 0.00 | 24.88 0.78 0.00 | 26.15 0.79 0.00 | 25.23 0.84 0.00 | 19.07 0.65 0.00 | 22.40 0.88 0.00 | 37.62 1.48 0.00 | 32.96 1.54 0.00 | 52.48 2.38 0.00 | 21.72 0.85 0.00 | 27.59 1.06 0.00 | 28.14 1.02 0.00 | 28.00 1.12 0.00 | 31.61 1.25 0.00 | 29.53 1.20 0.00 | 27.74 1.08 0.00 | 27.15 0.99 0.00 | 29.03 1.16 0.00 | 32.21 1.54 0.00 | 27.75 1.18 0.00 | 26.26 1.13 0.00 | 26.29 1.04 0.00 | 24.15 0.92 0.00 | 26.30 0.89 0.00 |
| MILLIKEN___2 23585 | 23.64 0.64 0.00 | 24.88 0.78 0.00 | 26.15 0.79 0.00 | 25.23 0.84 0.00 | 19.07 0.65 0.00 | 22.40 0.88 0.00 | 37.62 1.48 0.00 | 32.96 1.54 0.00 | 52.48 2.38 0.00 | 21.72 0.85 0.00 | 27.59 1.06 0.00 | 28.14 1.02 0.00 | 28.00 1.12 0.00 | 31.61 1.25 0.00 | 29.53 1.20 0.00 | 27.74 1.08 0.00 | 27.15 0.99 0.00 | 29.03 1.16 0.00 | 32.21 1.54 0.00 | 27.75 1.18 0.00 | 26.26 1.13 0.00 | 26.29 1.04 0.00 | 24.15 0.92 0.00 | 26.30 0.89 0.00 |
| MILLIKEN___DIESEL 23629 | 23.64 0.64 0.00 | 24.88 0.78 0.00 | 26.15 0.79 0.00 | 25.23 0.84 0.00 | 19.07 0.65 0.00 | 22.40 0.88 0.00 | 37.62 1.48 0.00 | 32.96 1.54 0.00 | 52.48 2.38 0.00 | 21.72 0.85 0.00 | 27.59 1.06 0.00 | 28.14 1.02 0.00 | 28.00 1.12 0.00 | 31.61 1.25 0.00 | 29.53 1.20 0.00 | 27.74 1.08 0.00 | 27.15 0.99 0.00 | 29.03 1.16 0.00 | 32.21 1.54 0.00 | 27.75 1.18 0.00 | 26.26 1.13 0.00 | 26.29 1.04 0.00 | 24.15 0.92 0.00 | 26.30 0.89 0.00 |

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|--------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MILLSEAT___LFGE 323607 | 22.99 -0.01 0.00 | 24.30 0.20 0.00 | 25.61 0.25 0.00 | 24.80 0.41 0.00 | 18.68 0.27 0.00 | 22.28 0.76 0.00 | 36.67 0.54 0.00 | 32.35 0.93 0.00 | 51.52 1.42 0.00 | 21.46 0.58 0.00 | 27.64 1.11 0.00 | 28.04 0.92 0.00 | 28.03 1.14 0.00 | 31.52 1.16 0.00 | 29.32 0.99 0.00 | 27.11 0.45 0.00 | 26.29 0.14 0.00 | 28.48 0.61 0.00 | 31.46 0.78 0.00 | 26.87 0.29 0.00 | 25.32 0.18 0.00 | 25.26 0.00 0.00 | 23.60 0.37 0.00 | 25.98 0.57 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 23.94 0.94 0.00 | 24.95 0.86 0.00 | 26.21 0.85 0.00 | 25.23 0.84 0.00 | 19.24 0.83 0.00 | 22.60 1.07 0.00 | 38.18 2.05 0.00 | 33.33 1.91 0.00 | 53.20 3.09 0.00 | 22.12 1.25 0.00 | 28.10 1.57 0.00 | 28.86 1.74 0.00 | 28.50 1.62 0.00 | 32.16 1.80 0.00 | 30.03 1.71 0.00 | 28.35 1.69 0.00 | 27.89 1.74 0.00 | 29.59 1.72 0.00 | 32.68 2.01 0.00 | 28.23 1.65 0.00 | 26.75 1.61 0.00 | 26.95 1.69 0.00 | 24.64 1.40 0.00 | 26.77 1.37 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 23.98 0.99 0.00 | 25.00 0.91 0.00 | 26.26 0.91 0.00 | 25.27 0.89 0.00 | 19.28 0.87 0.00 | 22.65 1.13 0.00 | 38.27 2.14 0.00 | 33.42 2.00 0.00 | 53.32 3.22 0.00 | 22.18 1.31 0.00 | 28.17 1.64 0.00 | 28.93 1.81 0.00 | 28.58 1.69 0.00 | 32.23 1.87 0.00 | 30.11 1.78 0.00 | 28.42 1.76 0.00 | 27.97 1.81 0.00 | 29.68 1.80 0.00 | 32.77 2.10 0.00 | 28.30 1.73 0.00 | 26.81 1.67 0.00 | 27.01 1.76 0.00 | 24.69 1.46 0.00 | 26.83 1.42 0.00 |
| MODEL_CITY_ENERGY 24167 | 22.34 -0.66 0.00 | 23.63 -0.46 0.00 | 24.92 -0.44 0.00 | 24.15 -0.24 0.00 | 18.18 -0.23 0.00 | 21.69 0.17 0.00 | 35.50 -0.63 0.00 | 31.30 -0.13 0.00 | 49.88 -0.22 0.00 | 20.84 -0.03 0.00 | 26.95 0.42 0.00 | 27.32 0.20 0.00 | 27.30 0.42 0.00 | 30.69 0.33 0.00 | 28.51 0.18 0.00 | 26.25 -0.41 0.00 | 25.39 -0.76 0.00 | 27.56 -0.31 0.00 | 30.44 -0.23 0.00 | 25.97 -0.60 0.00 | 24.46 -0.67 0.00 | 24.43 -0.82 0.00 | 22.88 -0.35 0.00 | 25.25 -0.16 0.00 |
| MODERN_LFGE___ 323580 | 22.34 -0.66 0.00 | 23.63 -0.46 0.00 | 24.92 -0.44 0.00 | 24.15 -0.24 0.00 | 18.18 -0.23 0.00 | 21.69 0.17 0.00 | 35.50 -0.63 0.00 | 31.30 -0.13 0.00 | 49.88 -0.22 0.00 | 20.84 -0.03 0.00 | 26.95 0.42 0.00 | 27.32 0.20 0.00 | 27.30 0.42 0.00 | 30.69 0.33 0.00 | 28.51 0.18 0.00 | 26.25 -0.41 0.00 | 25.39 -0.76 0.00 | 27.56 -0.31 0.00 | 30.44 -0.23 0.00 | 25.97 -0.60 0.00 | 24.46 -0.67 0.00 | 24.43 -0.82 0.00 | 22.88 -0.35 0.00 | 25.25 -0.16 0.00 |
| MOHAWK_PAPER___DRP 24187 | 23.67 0.67 0.00 | 24.73 0.64 0.00 | 25.99 0.63 0.00 | 24.96 0.57 0.00 | 18.96 0.55 0.00 | 22.23 0.71 0.00 | 37.58 1.45 0.00 | 32.74 1.31 0.00 | 52.23 2.12 0.00 | 21.59 0.72 0.00 | 27.39 0.85 0.00 | 28.03 0.91 0.00 | 27.73 0.85 0.00 | 31.27 0.92 0.00 | 29.22 0.89 0.00 | 27.66 0.99 0.00 | 27.26 1.11 0.00 | 28.95 1.07 0.00 | 31.85 1.18 0.00 | 27.63 1.06 0.00 | 26.20 1.06 0.00 | 26.43 1.18 0.00 | 24.13 0.90 0.00 | 26.23 0.83 0.00 |
| MOHICAN__35_KV_115KV_LD 80490 | 24.19 1.20 0.00 | 25.22 1.12 0.00 | 26.40 1.04 0.00 | 25.17 0.78 0.00 | 19.01 0.60 0.00 | 22.25 0.72 0.00 | 37.80 1.67 0.00 | 33.23 1.82 0.00 | 52.92 2.82 0.00 | 21.62 0.74 0.00 | 27.44 0.91 0.00 | 28.03 0.91 0.00 | 27.71 0.83 0.00 | 31.32 0.96 0.00 | 29.23 0.90 0.00 | 27.73 1.08 0.00 | 27.45 1.30 0.00 | 29.27 1.39 0.00 | 32.05 1.38 0.00 | 27.92 1.34 0.00 | 26.44 1.30 0.00 | 26.73 1.48 0.00 | 24.36 1.13 0.00 | 26.40 0.99 0.00 |
| MONGAUP___HYD 23641 | 23.95 0.96 0.00 | 25.09 0.99 0.00 | 26.33 0.97 0.00 | 25.29 0.91 0.00 | 19.23 0.82 0.00 | 22.60 1.07 0.00 | 37.97 1.83 0.00 | 32.99 1.57 0.00 | 52.61 2.50 0.00 | 21.89 1.02 0.00 | 27.67 1.14 0.00 | 28.35 1.23 0.00 | 27.97 1.09 0.00 | 31.68 1.32 0.00 | 29.83 1.51 0.00 | 28.07 1.41 0.00 | 27.63 1.47 0.00 | 29.40 1.53 0.00 | 32.30 1.63 0.00 | 27.80 1.22 0.00 | 26.36 1.22 0.00 | 26.85 1.59 0.00 | 24.57 1.33 0.00 | 26.78 1.38 0.00 |
| MONTAUK___DIESEL 23721 | 25.04 2.05 0.00 | 26.03 1.93 0.00 | 27.15 1.79 0.00 | 25.96 1.58 0.00 | 19.98 1.58 0.00 | 23.40 1.88 0.00 | 40.01 3.88 0.00 | 34.64 3.22 0.00 | 56.09 5.99 0.00 | 23.19 2.32 0.00 | 29.51 2.97 0.00 | 30.31 3.19 0.00 | 29.71 2.83 0.00 | 33.61 3.25 0.00 | 31.45 3.12 0.00 | 29.55 2.88 0.00 | 28.95 2.80 0.00 | 31.09 3.22 0.00 | 34.85 4.18 0.00 | 29.73 3.16 0.00 | 27.85 2.72 0.00 | 28.21 2.96 0.00 | 25.69 2.46 0.00 | 27.68 2.28 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 23.63 0.64 0.00 | 25.07 0.98 0.00 | 26.51 1.15 0.00 | 25.69 1.30 0.00 | 19.35 0.94 0.00 | 23.12 1.60 0.00 | 38.33 2.20 0.00 | 33.93 2.51 0.00 | 54.06 3.96 0.00 | 22.46 1.59 0.00 | 29.10 2.57 0.00 | 29.40 2.28 0.00 | 29.18 2.30 0.00 | 33.00 2.64 0.00 | 30.66 2.33 0.00 | 28.39 1.73 0.00 | 27.43 1.28 0.00 | 29.69 1.82 0.00 | 33.02 2.35 0.00 | 28.04 1.47 0.00 | 26.44 1.30 0.00 | 26.54 1.29 0.00 | 24.65 1.42 0.00 | 27.11 1.70 0.00 |
| MORTIMER_115KV_TB3 55949 | 22.93 -0.06 0.00 | 24.17 0.07 0.00 | 25.45 0.09 0.00 | 24.60 0.21 0.00 | 18.52 0.11 0.00 | 21.92 0.40 0.00 | 36.37 0.24 0.00 | 32.00 0.58 0.00 | 51.00 0.90 0.00 | 21.21 0.34 0.00 | 27.15 0.62 0.00 | 27.65 0.53 0.00 | 27.57 0.69 0.00 | 31.09 0.73 0.00 | 28.93 0.60 0.00 | 26.94 0.28 0.00 | 26.16 0.01 0.00 | 28.24 0.36 0.00 | 31.19 0.51 0.00 | 26.74 0.17 0.00 | 25.20 0.06 0.00 | 25.20 -0.06 0.00 | 23.34 0.10 0.00 | 25.58 0.17 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 24.05 1.05 0.00 | 25.05 0.95 0.00 | 26.30 0.94 0.00 | 25.32 0.93 0.00 | 19.34 0.93 0.00 | 22.72 1.20 0.00 | 38.39 2.26 0.00 | 33.51 2.09 0.00 | 53.48 3.38 0.00 | 22.28 1.41 0.00 | 28.28 1.76 0.00 | 29.07 1.95 0.00 | 28.72 1.83 0.00 | 32.38 2.02 0.00 | 30.23 1.91 0.00 | 28.54 1.88 0.00 | 28.09 1.93 0.00 | 29.76 1.89 0.00 | 32.86 2.19 0.00 | 28.38 1.81 0.00 | 26.90 1.76 0.00 | 27.09 1.83 0.00 | 24.76 1.53 0.00 | 26.92 1.51 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 24.75 1.75 0.00 | 26.06 1.97 0.00 | 27.46 2.10 0.00 | 26.48 2.09 0.00 | 20.05 1.64 0.00 | 23.75 2.23 0.00 | 40.07 3.93 0.00 | 35.23 3.81 0.00 | 56.52 6.42 0.00 | 23.23 2.36 0.00 | 29.47 2.94 0.00 | 30.13 3.01 0.00 | 30.08 3.19 0.00 | 33.92 3.56 0.00 | 31.76 3.43 0.00 | 29.85 3.18 0.00 | 29.38 3.22 0.00 | 31.47 3.60 0.00 | 34.80 4.13 0.00 | 30.00 3.42 0.00 | 28.41 3.28 0.00 | 28.30 3.04 0.00 | 25.98 2.74 0.00 | 28.21 2.81 0.00 |
| N SALMON___HYD 24042 | 23.17 0.18 0.00 | 24.32 0.22 0.00 | 25.65 0.29 0.00 | 24.70 0.31 0.00 | 18.43 0.02 0.00 | 21.35 -0.17 0.00 | 35.97 -0.16 0.00 | 30.78 -0.64 0.00 | 49.33 -0.78 0.00 | 20.76 -0.11 0.00 | 26.74 0.21 0.00 | 27.29 0.17 0.00 | 27.00 0.11 0.00 | 30.57 0.21 0.00 | 28.47 0.14 0.00 | 26.86 0.20 0.00 | 26.19 0.04 0.00 | 27.81 -0.07 0.00 | 30.50 -0.17 0.00 | 26.56 -0.01 0.00 | 25.06 -0.08 0.00 | 25.18 -0.08 0.00 | 23.34 0.10 0.00 | 25.94 0.53 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 22.89 -0.11 0.00 | 24.21 0.11 0.00 | 25.53 0.17 0.00 | 24.72 0.33 0.00 | 18.61 0.20 0.00 | 22.21 0.69 0.00 | 36.47 0.33 0.00 | 32.18 0.76 0.00 | 51.23 1.13 0.00 | 21.37 0.50 0.00 | 27.53 1.00 0.00 | 27.93 0.81 0.00 | 27.93 1.05 0.00 | 31.41 1.05 0.00 | 29.20 0.88 0.00 | 26.98 0.32 0.00 | 26.13 -0.03 0.00 | 28.29 0.41 0.00 | 31.27 0.60 0.00 | 26.70 0.13 0.00 | 25.20 0.06 0.00 | 25.11 -0.15 0.00 | 23.49 0.25 0.00 | 25.87 0.46 0.00 |

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|--------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|
| N.BELMOR_69_KV_BK1 55787 | 24.24 1.25 0.00 | 25.27 1.17 0.00 | 26.49 1.13 0.00 | 25.41 1.02 0.00 | 19.38 0.97 0.00 | 22.77 1.25 0.00 | 38.43 2.30 0.00 | 33.45 2.03 0.00 | 53.58 3.48 0.00 | 22.27 1.41 0.00 | 28.38 1.85 0.00 | 29.14 2.02 0.00 | 28.72 1.84 0.00 | 32.46 2.10 0.00 | 30.38 2.05 0.00 | 28.62 1.96 0.00 | 28.11 1.95 0.00 | 29.80 1.92 0.00 | 33.03 2.37 0.00 | 28.45 1.87 0.00 | 26.93 1.80 0.00 | 27.29 2.03 0.00 | 24.96 1.73 0.00 | 27.07 1.66 0.00 |
| N.E_GEN_SANDY PD 24062 | 23.07 0.87 0.80 | 24.55 0.79 0.34 | 26.16 0.80 0.00 | 25.12 0.74 0.00 | 19.11 0.70 0.00 | 22.41 0.89 0.00 | 37.90 1.77 0.00 | 33.05 1.63 0.00 | 52.70 2.60 0.00 | 20.78 0.93 1.03 | 27.72 1.19 0.00 | 28.41 1.28 0.00 | 28.03 1.15 0.00 | 31.60 1.24 0.00 | 29.45 1.17 0.05 | 27.94 1.26 -0.02 | 27.33 1.37 0.19 | 29.32 1.36 -0.09 | 31.62 1.50 0.54 | 27.71 1.32 0.18 | 26.47 1.34 0.00 | 26.78 1.47 -0.06 | 24.43 1.20 0.00 | 30.54 1.16 -3.96 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 23.69 0.70 0.00 | 24.73 0.63 0.00 | 25.96 0.60 0.00 | 25.02 0.62 0.00 | 19.08 0.67 0.00 | 22.43 0.91 0.00 | 37.86 1.73 0.00 | 33.06 1.64 0.00 | 52.77 2.66 0.00 | 21.92 1.05 0.00 | 27.82 1.29 0.00 | 28.59 1.47 0.00 | 28.25 1.37 0.00 | 31.90 1.54 0.00 | 29.81 1.48 0.00 | 28.10 1.44 0.00 | 27.61 1.45 0.00 | 29.32 1.45 0.00 | 32.41 1.74 0.00 | 28.00 1.42 0.00 | 26.51 1.37 0.00 | 26.69 1.44 0.00 | 24.41 1.17 0.00 | 26.56 1.15 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 23.97 0.97 0.00 | 24.96 0.86 0.00 | 26.23 0.87 0.00 | 25.22 0.83 0.00 | 19.31 0.90 0.00 | 22.60 1.08 0.00 | 38.38 2.25 0.01 | 33.50 2.08 0.00 | 53.50 3.39 0.00 | 22.36 1.50 0.00 | 28.35 1.82 0.00 | 29.13 2.01 0.00 | 28.74 1.86 0.00 | 32.43 2.06 0.00 | 30.31 1.99 0.00 | 28.58 1.92 0.00 | 28.12 1.97 0.00 | 29.73 1.86 0.00 | 32.82 2.15 0.00 | 28.32 1.74 0.00 | 26.90 1.76 0.00 | 27.11 1.85 0.00 | 24.77 1.54 0.00 | 26.95 1.55 0.00 |
| N.TROY___115KV_TB1 355778 | 23.85 0.85 0.00 | 24.91 0.82 0.00 | 26.19 0.83 0.00 | 25.11 0.72 0.00 | 19.04 0.63 0.00 | 22.32 0.80 0.00 | 37.73 1.60 0.00 | 32.89 1.47 0.00 | 52.45 2.34 0.00 | 21.62 0.75 0.00 | 27.47 0.94 0.00 | 28.12 1.00 0.00 | 27.80 0.91 0.00 | 31.34 0.98 0.00 | 29.29 0.97 0.00 | 27.70 1.04 0.00 | 27.27 1.12 0.00 | 29.00 1.13 0.00 | 31.88 1.21 0.00 | 27.65 1.08 0.00 | 26.28 1.14 0.00 | 26.51 1.26 0.00 | 24.22 0.99 0.00 | 26.39 0.98 0.00 |
| NARROWS_GT1_1 24228 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT1_2 24229 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT1_3 24230 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT1_4 24231 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT1_5 24232 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT1_6 24233 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT1_7 24234 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT1_8 24235 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT2_1 24236 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT2_2 24237 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |

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|---------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT2_3 24238 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT2_4 24239 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT2_5 24240 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT2_6 24241 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT2_7 24242 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NARROWS_GT2_8 24243 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.55 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 23.95 0.95 0.00 | 25.08 0.98 0.00 | 26.34 0.98 0.00 | 25.31 0.92 0.00 | 19.22 0.81 0.00 | 22.55 1.03 0.00 | 38.26 2.12 0.00 | 33.39 1.98 0.00 | 53.10 3.00 0.00 | 21.85 0.98 0.00 | 27.46 0.94 0.00 | 28.16 1.04 0.00 | 27.97 1.08 0.00 | 31.50 1.13 0.00 | 29.41 1.09 0.00 | 27.85 1.19 0.00 | 27.58 1.43 0.00 | 29.37 1.50 0.00 | 32.34 1.67 0.00 | 28.05 1.47 0.00 | 26.59 1.46 0.00 | 26.82 1.56 0.00 | 24.46 1.23 0.00 | 26.50 1.09 0.00 |
| NCHELSEA_115KV_TR2 355582 | 24.13 1.13 0.00 | 25.17 1.08 0.00 | 26.44 1.08 0.00 | 25.45 1.07 0.00 | 19.39 0.97 0.00 | 22.77 1.25 0.00 | 38.49 2.36 0.00 | 33.61 2.20 0.00 | 53.61 3.51 0.00 | 22.25 1.38 0.00 | 28.24 1.71 0.00 | 28.97 1.85 0.00 | 28.62 1.74 0.00 | 32.32 1.96 0.00 | 30.21 1.89 0.00 | 28.53 1.87 0.00 | 28.09 1.94 0.00 | 29.85 1.98 0.00 | 32.95 2.28 0.00 | 28.47 1.89 0.00 | 26.97 1.84 0.00 | 27.15 1.89 0.00 | 24.82 1.59 0.00 | 26.96 1.55 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 24.14 1.15 0.00 | 25.23 1.13 0.00 | 26.45 1.09 0.00 | 25.35 0.96 0.00 | 19.20 0.79 0.00 | 22.50 0.98 0.00 | 38.12 1.98 0.00 | 33.34 1.92 0.00 | 53.21 3.11 0.00 | 21.87 1.00 0.00 | 27.75 1.22 0.00 | 28.42 1.30 0.00 | 28.11 1.23 0.00 | 31.72 1.36 0.00 | 29.62 1.29 0.00 | 28.00 1.34 0.00 | 27.60 1.44 0.00 | 29.38 1.51 0.00 | 32.30 1.63 0.00 | 28.03 1.46 0.00 | 26.59 1.45 0.00 | 26.81 1.56 0.00 | 24.48 1.24 0.00 | 26.59 1.18 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 22.51 -0.49 0.00 | 23.72 -0.38 0.00 | 24.98 -0.38 0.00 | 24.11 -0.28 0.00 | 18.17 -0.24 0.00 | 21.47 -0.05 0.00 | 35.71 -0.42 0.00 | 31.36 -0.05 0.00 | 49.98 -0.12 0.00 | 20.78 -0.09 0.00 | 26.55 0.02 0.00 | 27.00 -0.12 0.00 | 26.90 0.02 0.00 | 30.39 0.03 0.00 | 28.31 -0.01 0.00 | 26.38 -0.28 0.00 | 25.72 -0.43 0.00 | 27.70 -0.17 0.00 | 30.58 -0.09 0.00 | 26.24 -0.34 0.00 | 24.74 -0.40 0.00 | 24.74 -0.51 0.00 | 22.87 -0.37 0.00 | 25.04 -0.36 0.00 |
| NEG CENTRAL___DRP 24199 | 23.23 0.23 0.00 | 24.48 0.39 0.00 | 25.77 0.41 0.00 | 24.88 0.49 0.00 | 18.77 0.36 0.00 | 22.14 0.62 0.00 | 37.02 0.88 0.00 | 32.46 1.04 0.00 | 51.70 1.60 0.00 | 21.45 0.57 0.00 | 27.32 0.79 0.00 | 27.80 0.68 0.00 | 27.63 0.75 0.00 | 31.25 0.89 0.00 | 29.18 0.85 0.00 | 27.30 0.64 0.00 | 26.64 0.48 0.00 | 28.60 0.73 0.00 | 31.73 1.05 0.00 | 27.29 0.72 0.00 | 25.78 0.65 0.00 | 25.79 0.54 0.00 | 23.72 0.49 0.00 | 25.91 0.50 0.00 |
| NEG CENTRAL___INDECK 23768 | 23.74 0.74 0.00 | 25.03 0.94 0.00 | 26.40 1.04 0.00 | 25.48 1.09 0.00 | 19.09 0.68 0.00 | 22.53 1.01 0.00 | 36.45 0.31 0.00 | 32.60 1.19 0.00 | 51.98 1.88 0.00 | 21.50 0.63 0.00 | 27.53 1.00 0.00 | 27.98 0.86 0.00 | 27.92 1.04 0.00 | 31.42 1.06 0.00 | 29.55 1.22 0.00 | 27.45 0.79 0.00 | 26.61 0.45 0.00 | 28.88 1.01 0.00 | 32.08 1.41 0.00 | 27.51 0.93 0.00 | 25.84 0.70 0.00 | 25.88 0.63 0.00 | 23.84 0.60 0.00 | 26.63 1.22 0.00 |
| NEG CENTRAL___SENECA 23627 | 23.28 0.28 0.00 | 24.55 0.45 0.00 | 25.86 0.50 0.00 | 24.98 0.60 0.00 | 18.85 0.43 0.00 | 22.30 0.78 0.00 | 37.16 1.02 0.00 | 32.64 1.22 0.00 | 52.00 1.89 0.00 | 21.58 0.71 0.00 | 27.52 0.99 0.00 | 27.94 0.82 0.00 | 27.79 0.90 0.00 | 31.45 1.09 0.00 | 29.37 1.04 0.00 | 27.42 0.76 0.00 | 26.78 0.62 0.00 | 28.78 0.90 0.00 | 31.94 1.27 0.00 | 27.44 0.87 0.00 | 25.94 0.80 0.00 | 25.89 0.64 0.00 | 23.85 0.62 0.00 | 26.09 0.68 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 23.36 0.37 0.00 | 24.66 0.56 0.00 | 25.84 0.49 0.00 | 25.00 0.62 0.00 | 18.89 0.48 0.00 | 22.15 0.63 0.00 | 37.37 1.24 0.00 | 32.77 1.35 0.00 | 52.09 1.99 0.00 | 21.54 0.67 0.00 | 27.36 0.83 0.00 | 28.05 0.93 0.00 | 27.90 1.02 0.00 | 31.35 0.99 0.00 | 29.29 0.97 0.00 | 27.53 0.87 0.00 | 26.69 0.53 0.00 | 28.76 0.89 0.00 | 31.97 1.30 0.00 | 27.48 0.90 0.00 | 25.89 0.75 0.00 | 26.07 0.82 0.00 | 23.89 0.65 0.00 | 25.89 0.48 0.00 |
| NEG MILLWOOD___DRP 24198 | 24.18 1.18 0.00 | 25.21 1.11 0.00 | 26.49 1.13 0.00 | 25.50 1.11 0.00 | 19.43 1.02 0.00 | 22.83 1.31 0.00 | 38.63 2.49 0.00 | 33.74 2.32 0.00 | 53.84 3.73 0.00 | 22.38 1.51 0.00 | 28.38 1.85 0.00 | 29.12 1.99 0.00 | 28.74 1.86 0.00 | 32.44 2.07 0.00 | 30.32 2.00 0.00 | 28.63 1.97 0.00 | 28.19 2.04 0.00 | 29.96 2.08 0.00 | 33.08 2.41 0.00 | 28.57 2.00 0.00 | 27.07 1.93 0.00 | 27.25 1.99 0.00 | 24.90 1.67 0.00 | 27.04 1.63 0.00 |

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| NEG NORTH_FLCN_SEA 23793 | 23.01 0.02 0.00 | 24.16 0.06 0.00 | 25.50 0.14 0.00 | 24.54 0.15 0.00 | 18.28 -0.13 0.00 | 21.11 -0.41 0.00 | 35.26 -0.87 0.00 | 29.70 -1.72 0.00 | 47.74 -2.36 0.00 | 20.30 -0.57 0.00 | 26.61 0.08 0.00 | 27.33 0.21 0.00 | 27.04 0.16 0.00 | 30.66 0.30 0.00 | 28.56 0.23 0.00 | 26.93 0.27 0.00 | 25.88 -0.27 0.00 | 27.20 -0.68 0.00 | 29.75 -0.92 0.00 | 26.01 -0.56 0.00 | 24.51 -0.63 0.00 | 24.72 -0.54 0.00 | 23.00 -0.23 0.00 | 26.01 0.61 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 22.95 -0.05 0.00 | 24.11 0.01 0.00 | 25.44 0.08 0.00 | 24.48 0.09 0.00 | 18.26 -0.16 0.00 | 21.17 -0.35 0.00 | 35.62 -0.51 0.00 | 30.36 -1.06 0.00 | 48.72 -1.39 0.00 | 20.58 -0.29 0.00 | 26.62 0.09 0.00 | 27.20 0.08 0.00 | 26.93 0.05 0.00 | 30.50 0.14 0.00 | 28.43 0.10 0.00 | 26.82 0.16 0.00 | 26.06 -0.10 0.00 | 27.63 -0.25 0.00 | 30.28 -0.39 0.00 | 26.41 -0.17 0.00 | 24.89 -0.25 0.00 | 25.02 -0.24 0.00 | 23.13 -0.11 0.00 | 25.76 0.35 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 23.09 0.10 0.00 | 24.25 0.15 0.00 | 25.59 0.23 0.00 | 24.64 0.24 0.00 | 18.37 -0.04 0.00 | 21.26 -0.26 0.00 | 35.67 -0.47 0.00 | 30.19 -1.23 0.00 | 48.50 -1.61 0.00 | 20.53 -0.34 0.00 | 26.76 0.23 0.00 | 27.41 0.29 0.00 | 27.11 0.23 0.00 | 30.73 0.37 0.00 | 28.62 0.30 0.00 | 27.01 0.35 0.00 | 26.11 -0.04 0.00 | 27.57 -0.31 0.00 | 30.20 -0.47 0.00 | 26.39 -0.19 0.00 | 24.87 -0.27 0.00 | 25.04 -0.21 0.00 | 23.21 -0.02 0.00 | 26.06 0.66 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 23.09 0.10 0.00 | 24.25 0.15 0.00 | 25.59 0.23 0.00 | 24.64 0.24 0.00 | 18.37 -0.04 0.00 | 21.26 -0.26 0.00 | 35.67 -0.47 0.00 | 30.19 -1.23 0.00 | 48.50 -1.61 0.00 | 20.53 -0.34 0.00 | 26.76 0.23 0.00 | 27.41 0.29 0.00 | 27.11 0.23 0.00 | 30.73 0.37 0.00 | 28.62 0.30 0.00 | 27.01 0.35 0.00 | 26.11 -0.04 0.00 | 27.57 -0.31 0.00 | 30.20 -0.47 0.00 | 26.39 -0.19 0.00 | 24.87 -0.27 0.00 | 25.04 -0.21 0.00 | 23.21 -0.02 0.00 | 26.06 0.66 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 23.09 0.10 0.00 | 24.25 0.15 0.00 | 25.59 0.23 0.00 | 24.64 0.24 0.00 | 18.37 -0.04 0.00 | 21.26 -0.27 0.00 | 35.66 -0.48 0.00 | 30.19 -1.23 0.00 | 48.49 -1.61 0.00 | 20.54 -0.33 0.00 | 26.76 0.22 0.00 | 27.41 0.29 0.00 | 27.11 0.23 0.00 | 30.73 0.37 0.00 | 28.62 0.30 0.00 | 27.01 0.35 0.00 | 26.11 -0.04 0.00 | 27.56 -0.31 0.00 | 30.20 -0.47 0.00 | 26.38 -0.19 0.00 | 24.87 -0.26 0.00 | 25.04 -0.22 0.00 | 23.21 -0.02 0.00 | 26.06 0.66 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 22.52 -0.48 0.00 | 23.82 -0.27 0.00 | 25.12 -0.23 0.00 | 24.34 -0.05 0.00 | 18.32 -0.09 0.00 | 21.85 0.33 0.00 | 35.75 -0.38 0.00 | 31.53 0.11 0.00 | 50.27 0.16 0.00 | 21.01 0.13 0.00 | 27.12 0.59 0.00 | 27.51 0.39 0.00 | 27.50 0.62 0.00 | 30.93 0.56 0.00 | 28.72 0.39 0.00 | 26.49 -0.17 0.00 | 25.60 -0.55 0.00 | 27.76 -0.12 0.00 | 30.69 0.02 0.00 | 26.19 -0.38 0.00 | 24.70 -0.43 0.00 | 24.63 -0.63 0.00 | 23.13 -0.10 0.00 | 25.52 0.11 0.00 |
| NEG WEST___LANCASTR 23811 | 23.36 0.36 0.00 | 24.72 0.62 0.00 | 26.07 0.71 0.00 | 25.26 0.87 0.00 | 18.99 0.58 0.00 | 22.63 1.11 0.00 | 37.35 1.22 0.00 | 32.99 1.57 0.00 | 52.54 2.43 0.00 | 21.86 0.99 0.00 | 28.24 1.71 0.00 | 28.64 1.52 0.00 | 28.60 1.72 0.00 | 32.23 1.87 0.00 | 29.91 1.59 0.00 | 27.70 1.04 0.00 | 26.80 0.64 0.00 | 29.00 1.12 0.00 | 32.15 1.48 0.00 | 27.47 0.90 0.00 | 25.89 0.75 0.00 | 25.85 0.59 0.00 | 24.05 0.82 0.00 | 26.44 1.03 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 23.35 0.36 0.00 | 24.57 0.47 0.00 | 25.88 0.52 0.00 | 24.96 0.57 0.00 | 18.84 0.43 0.00 | 22.17 0.65 0.00 | 37.22 1.08 0.00 | 32.59 1.17 0.00 | 51.97 1.86 0.00 | 21.50 0.63 0.00 | 27.50 0.97 0.00 | 28.01 0.89 0.00 | 27.84 0.96 0.00 | 31.40 1.04 0.00 | 29.32 0.99 0.00 | 27.47 0.81 0.00 | 26.85 0.70 0.00 | 28.73 0.86 0.00 | 31.89 1.22 0.00 | 27.49 0.91 0.00 | 25.97 0.84 0.00 | 26.05 0.79 0.00 | 23.96 0.72 0.00 | 26.14 0.74 0.00 |
| NEG___GEN_MONROE 24207 | 23.12 0.13 0.00 | 24.40 0.30 0.00 | 25.77 0.41 0.00 | 24.86 0.47 0.00 | 18.72 0.31 0.00 | 22.29 0.77 0.00 | 37.02 0.88 0.00 | 32.38 0.96 0.00 | 51.48 1.38 0.00 | 21.48 0.61 0.00 | 27.47 0.94 0.00 | 27.95 0.83 0.00 | 27.88 1.00 0.00 | 31.44 1.08 0.00 | 29.23 0.91 0.00 | 27.25 0.59 0.00 | 26.41 0.25 0.00 | 28.49 0.62 0.00 | 31.48 0.81 0.00 | 26.97 0.39 0.00 | 25.43 0.29 0.00 | 25.36 0.11 0.00 | 23.56 0.33 0.00 | 25.95 0.55 0.00 |
| NEPA___ENERGY 23901 | 23.20 0.21 0.00 | 24.56 0.46 0.00 | 25.94 0.58 0.00 | 25.15 0.76 0.00 | 18.92 0.51 0.00 | 22.60 1.07 0.00 | 37.55 1.42 0.00 | 33.17 1.75 0.00 | 52.72 2.62 0.00 | 21.79 0.92 0.00 | 28.30 1.77 0.00 | 28.68 1.56 0.00 | 28.60 1.72 0.00 | 32.19 1.82 0.00 | 29.95 1.62 0.00 | 27.73 1.07 0.00 | 26.74 0.59 0.00 | 28.99 1.12 0.00 | 32.44 1.76 0.00 | 27.69 1.11 0.00 | 26.04 0.90 0.00 | 26.08 0.82 0.00 | 24.20 0.97 0.00 | 26.56 1.15 0.00 |
| NEVERSINK___HYD 23608 | 24.03 1.03 0.00 | 25.09 0.99 0.00 | 26.36 1.00 0.00 | 25.40 1.02 0.00 | 19.32 0.91 0.00 | 22.71 1.19 0.00 | 38.31 2.17 0.00 | 33.40 1.98 0.00 | 53.21 3.10 0.00 | 22.08 1.21 0.00 | 27.96 1.43 0.00 | 28.58 1.46 0.00 | 28.28 1.40 0.00 | 31.94 1.58 0.00 | 29.95 1.63 0.00 | 28.31 1.65 0.00 | 27.97 1.82 0.00 | 29.70 1.83 0.00 | 32.74 2.06 0.00 | 28.30 1.73 0.00 | 26.87 1.73 0.00 | 26.92 1.67 0.00 | 24.68 1.44 0.00 | 26.90 1.50 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 23.40 0.41 0.00 | 24.46 0.37 0.00 | 25.71 0.36 0.00 | 24.70 0.31 0.00 | 18.77 0.36 0.00 | 21.99 0.47 0.00 | 37.14 1.00 0.00 | 32.31 0.89 0.00 | 51.48 1.38 0.00 | 21.29 0.42 0.00 | 27.00 0.47 0.00 | 27.64 0.52 0.00 | 27.36 0.47 0.00 | 30.84 0.48 0.00 | 28.80 0.48 0.00 | 27.27 0.61 0.00 | 26.89 0.74 0.00 | 28.53 0.66 0.00 | 31.39 0.72 0.00 | 27.24 0.66 0.00 | 25.83 0.69 0.00 | 26.05 0.80 0.00 | 23.78 0.55 0.00 | 25.85 0.44 0.00 |
| NEWTON___FALLS_HYD 23847 | 23.10 0.11 0.00 | 24.16 0.07 0.00 | 25.45 0.09 0.00 | 24.49 0.10 0.00 | 18.40 -0.01 0.00 | 21.44 -0.08 0.00 | 36.15 0.02 0.00 | 31.28 -0.14 0.00 | 49.80 -0.30 0.00 | 20.60 -0.27 0.00 | 26.03 -0.50 0.00 | 26.55 -0.57 0.00 | 26.44 -0.44 0.00 | 29.96 -0.40 0.00 | 27.94 -0.39 0.00 | 26.34 -0.32 0.00 | 25.87 -0.28 0.00 | 27.62 -0.26 0.00 | 30.31 -0.36 0.00 | 26.30 -0.27 0.00 | 24.79 -0.35 0.00 | 24.90 -0.36 0.00 | 23.13 -0.10 0.00 | 25.52 0.11 0.00 |
| NGRID_A1_DSASP 323792 | 22.27 -0.72 0.00 | 23.56 -0.54 0.00 | 24.86 -0.50 0.00 | 24.10 -0.29 0.00 | 18.12 -0.29 0.00 | 21.62 0.09 0.00 | 35.40 -0.74 0.00 | 31.19 -0.23 0.00 | 49.74 -0.37 0.00 | 20.78 -0.08 0.00 | 26.88 0.35 0.00 | 27.26 0.14 0.00 | 27.25 0.37 0.00 | 30.63 0.27 0.00 | 28.44 0.12 0.00 | 26.18 -0.48 0.00 | 25.31 -0.84 0.00 | 27.49 -0.39 0.00 | 30.34 -0.33 0.00 | 25.88 -0.69 0.00 | 24.37 -0.76 0.00 | 24.34 -0.91 0.00 | 22.76 -0.47 0.00 | 25.09 -0.31 0.00 |
| NGRID_A2_DSASP 323793 | 22.27 -0.72 0.00 | 23.56 -0.54 0.00 | 24.86 -0.50 0.00 | 24.10 -0.29 0.00 | 18.12 -0.29 0.00 | 21.62 0.09 0.00 | 35.40 -0.74 0.00 | 31.19 -0.23 0.00 | 49.74 -0.37 0.00 | 20.78 -0.08 0.00 | 26.88 0.35 0.00 | 27.26 0.14 0.00 | 27.25 0.37 0.00 | 30.63 0.27 0.00 | 28.44 0.12 0.00 | 26.18 -0.48 0.00 | 25.31 -0.84 0.00 | 27.49 -0.39 0.00 | 30.34 -0.33 0.00 | 25.88 -0.69 0.00 | 24.37 -0.76 0.00 | 24.34 -0.91 0.00 | 22.76 -0.47 0.00 | 25.09 -0.31 0.00 |

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| NGRID_A4_DSASP 323807 | 22.27 -0.72 0.00 | 23.56 -0.54 0.00 | 24.86 -0.50 0.00 | 24.10 -0.29 0.00 | 18.12 -0.29 0.00 | 21.62 0.09 0.00 | 35.40 -0.74 0.00 | 31.19 -0.23 0.00 | 49.74 -0.37 0.00 | 20.78 -0.08 0.00 | 26.88 0.35 0.00 | 27.26 0.14 0.00 | 27.25 0.37 0.00 | 30.63 0.27 0.00 | 28.44 0.12 0.00 | 26.18 -0.48 0.00 | 25.31 -0.84 0.00 | 27.49 -0.39 0.00 | 30.34 -0.33 0.00 | 25.88 -0.69 0.00 | 24.37 -0.76 0.00 | 24.34 -0.91 0.00 | 22.76 -0.47 0.00 | 25.09 -0.31 0.00 |
| NIAGARA_115E_LBMP 323715 | 22.23 -0.76 0.00 | 23.52 -0.58 0.00 | 24.81 -0.55 0.00 | 24.03 -0.36 0.00 | 18.10 -0.31 0.00 | 21.59 0.07 0.00 | 35.32 -0.82 0.00 | 31.12 -0.30 0.00 | 49.60 -0.50 0.00 | 20.73 -0.14 0.00 | 26.83 0.29 0.00 | 27.19 0.07 0.00 | 27.17 0.29 0.00 | 30.53 0.17 0.00 | 28.37 0.04 0.00 | 26.10 -0.56 0.00 | 25.25 -0.90 0.00 | 27.42 -0.46 0.00 | 30.26 -0.41 0.00 | 25.82 -0.75 0.00 | 24.32 -0.82 0.00 | 24.30 -0.96 0.00 | 22.74 -0.49 0.00 | 25.09 -0.31 0.00 |
| NIAGARA_115W_LBMP 323714 | 22.22 -0.77 0.00 | 23.51 -0.59 0.00 | 24.81 -0.55 0.00 | 24.05 -0.34 0.00 | 18.08 -0.33 0.00 | 21.57 0.05 0.00 | 35.32 -0.81 0.00 | 31.12 -0.30 0.00 | 49.61 -0.50 0.00 | 20.74 -0.13 0.00 | 26.83 0.29 0.00 | 27.20 0.08 0.00 | 27.19 0.31 0.00 | 30.56 0.20 0.00 | 28.38 0.06 0.00 | 26.13 -0.54 0.00 | 25.25 -0.90 0.00 | 27.42 -0.45 0.00 | 30.26 -0.41 0.00 | 25.83 -0.75 0.00 | 24.31 -0.83 0.00 | 24.29 -0.96 0.00 | 22.72 -0.52 0.00 | 25.04 -0.37 0.00 |
| NIAGARA_230_LBMP 323716 | 22.39 -0.61 0.00 | 23.69 -0.41 0.00 | 24.98 -0.38 0.00 | 24.21 -0.17 0.00 | 18.21 -0.20 0.00 | 21.71 0.19 0.00 | 35.57 -0.56 0.00 | 31.36 -0.06 0.00 | 49.98 -0.12 0.00 | 20.87 0.00 0.00 | 26.98 0.44 0.00 | 27.36 0.23 0.00 | 27.35 0.46 0.00 | 30.76 0.40 0.00 | 28.56 0.23 0.00 | 26.34 -0.32 0.00 | 25.45 -0.71 0.00 | 27.63 -0.25 0.00 | 30.51 -0.16 0.00 | 26.04 -0.53 0.00 | 24.51 -0.63 0.00 | 24.49 -0.77 0.00 | 22.89 -0.35 0.00 | 25.23 -0.18 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 22.23 -0.77 0.00 | 23.51 -0.59 0.00 | 24.81 -0.55 0.00 | 24.05 -0.34 0.00 | 18.08 -0.33 0.00 | 21.56 0.04 0.00 | 35.31 -0.82 0.00 | 31.11 -0.31 0.00 | 49.61 -0.49 0.00 | 20.75 -0.12 0.00 | 26.81 0.28 0.00 | 27.20 0.08 0.00 | 27.19 0.31 0.00 | 30.56 0.20 0.00 | 28.38 0.06 0.00 | 26.14 -0.52 0.00 | 25.25 -0.90 0.00 | 27.39 -0.48 0.00 | 30.26 -0.41 0.00 | 25.83 -0.75 0.00 | 24.35 -0.79 0.00 | 24.29 -0.96 0.00 | 22.71 -0.52 0.00 | 25.03 -0.38 0.00 |
| NIAGARA____ 23760 | 22.39 -0.61 0.00 | 23.69 -0.41 0.00 | 24.98 -0.38 0.00 | 24.21 -0.17 0.00 | 18.21 -0.20 0.00 | 21.71 0.19 0.00 | 35.57 -0.56 0.00 | 31.36 -0.06 0.00 | 49.98 -0.12 0.00 | 20.87 0.00 0.00 | 26.98 0.44 0.00 | 27.36 0.23 0.00 | 27.35 0.46 0.00 | 30.76 0.40 0.00 | 28.56 0.23 0.00 | 26.34 -0.32 0.00 | 25.45 -0.71 0.00 | 27.63 -0.25 0.00 | 30.51 -0.16 0.00 | 26.04 -0.53 0.00 | 24.51 -0.63 0.00 | 24.49 -0.77 0.00 | 22.89 -0.35 0.00 | 25.23 -0.18 0.00 |
| NINE_MILE_1 23575 | 22.46 -0.53 0.00 | 23.58 -0.52 0.00 | 24.81 -0.55 0.00 | 23.87 -0.51 0.00 | 17.99 -0.43 0.00 | 21.00 -0.52 0.00 | 35.07 -1.07 0.00 | 30.57 -0.85 0.00 | 48.70 -1.40 0.00 | 20.29 -0.58 0.00 | 25.79 -0.74 0.00 | 26.32 -0.80 0.00 | 26.13 -0.76 0.00 | 29.50 -0.86 0.00 | 27.52 -0.80 0.00 | 25.84 -0.82 0.00 | 25.33 -0.83 0.00 | 27.03 -0.84 0.00 | 29.80 -0.87 0.00 | 25.76 -0.82 0.00 | 24.37 -0.77 0.00 | 24.44 -0.81 0.00 | 22.52 -0.71 0.00 | 24.64 -0.77 0.00 |
| NINE_MILE_2 23744 | 22.47 -0.53 0.00 | 23.59 -0.51 0.00 | 24.81 -0.55 0.00 | 23.87 -0.51 0.00 | 17.99 -0.43 0.00 | 21.00 -0.52 0.00 | 35.07 -1.07 0.00 | 30.56 -0.86 0.00 | 48.70 -1.40 0.00 | 20.29 -0.58 0.00 | 25.78 -0.75 0.00 | 26.32 -0.80 0.00 | 26.13 -0.76 0.00 | 29.50 -0.86 0.00 | 27.52 -0.80 0.00 | 25.84 -0.82 0.00 | 25.33 -0.83 0.00 | 27.03 -0.84 0.00 | 29.80 -0.87 0.00 | 25.75 -0.82 0.00 | 24.36 -0.77 0.00 | 24.44 -0.81 0.00 | 22.52 -0.71 0.00 | 24.64 -0.77 0.00 |
| NM_CAPITAL____DRP 24208 | 23.47 0.48 0.00 | 24.54 0.44 0.00 | 25.79 0.43 0.00 | 24.77 0.38 0.00 | 18.82 0.41 0.00 | 22.05 0.53 0.00 | 37.26 1.13 0.00 | 32.43 1.01 0.00 | 51.59 1.49 0.00 | 21.27 0.40 0.00 | 26.99 0.46 0.00 | 27.63 0.51 0.00 | 27.34 0.45 0.00 | 30.82 0.46 0.00 | 28.78 0.46 0.00 | 27.25 0.59 0.00 | 26.87 0.71 0.00 | 28.50 0.62 0.00 | 31.35 0.67 0.00 | 27.21 0.63 0.00 | 25.81 0.67 0.00 | 26.04 0.78 0.00 | 23.78 0.55 0.00 | 25.84 0.43 0.00 |
| NM_CENTRAL____DRP 24181 | 22.97 -0.03 0.00 | 24.12 0.02 0.00 | 25.39 0.03 0.00 | 24.44 0.05 0.00 | 18.42 0.01 0.00 | 21.55 0.03 0.00 | 36.02 -0.11 0.00 | 31.46 0.05 0.00 | 50.14 0.03 0.00 | 20.85 -0.02 0.00 | 26.53 0.00 0.00 | 27.07 -0.05 0.00 | 26.88 0.00 0.00 | 30.36 0.00 0.00 | 28.32 -0.01 0.00 | 26.57 -0.09 0.00 | 26.03 -0.12 0.00 | 27.81 -0.06 0.00 | 30.70 0.03 0.00 | 26.49 -0.08 0.00 | 25.06 -0.08 0.00 | 25.12 -0.14 0.00 | 23.11 -0.12 0.00 | 25.26 -0.15 0.00 |
| NM_FRONTIER____DRP 24179 | 22.23 -0.77 0.00 | 23.51 -0.59 0.00 | 24.81 -0.55 0.00 | 24.05 -0.34 0.00 | 18.08 -0.33 0.00 | 21.56 0.04 0.00 | 35.31 -0.82 0.00 | 31.11 -0.31 0.00 | 49.61 -0.49 0.00 | 20.75 -0.12 0.00 | 26.81 0.28 0.00 | 27.20 0.08 0.00 | 27.19 0.31 0.00 | 30.56 0.20 0.00 | 28.38 0.06 0.00 | 26.14 -0.52 0.00 | 25.25 -0.90 0.00 | 27.39 -0.48 0.00 | 30.26 -0.41 0.00 | 25.83 -0.75 0.00 | 24.35 -0.79 0.00 | 24.29 -0.96 0.00 | 22.71 -0.52 0.00 | 25.03 -0.38 0.00 |
| NM_ST_REGIS____HYD 24053 | 23.09 0.09 0.00 | 24.17 0.07 0.00 | 25.48 0.12 0.00 | 24.51 0.12 0.00 | 18.30 -0.11 0.00 | 21.16 -0.36 0.00 | 35.62 -0.51 0.00 | 30.60 -0.82 0.00 | 48.83 -1.27 0.00 | 20.41 -0.46 0.00 | 26.02 -0.51 0.00 | 26.54 -0.58 0.00 | 26.33 -0.55 0.00 | 29.78 -0.58 0.00 | 27.74 -0.58 0.00 | 26.15 -0.51 0.00 | 25.61 -0.54 0.00 | 27.27 -0.60 0.00 | 29.91 -0.76 0.00 | 26.02 -0.56 0.00 | 24.55 -0.59 0.00 | 24.72 -0.53 0.00 | 23.06 -0.18 0.00 | 25.58 0.17 0.00 |
| NORTHPORT____1 23551 | 24.19 1.20 0.00 | 25.30 1.20 0.00 | 26.49 1.13 0.00 | 25.34 0.96 0.00 | 19.35 0.94 0.00 | 22.68 1.16 0.00 | 38.22 2.08 0.00 | 33.20 1.78 0.00 | 53.27 3.17 0.00 | 22.11 1.24 0.00 | 28.25 1.72 0.00 | 28.99 1.87 0.00 | 28.51 1.63 0.00 | 32.26 1.90 0.00 | 30.17 1.85 0.00 | 28.36 1.70 0.00 | 27.95 1.80 0.00 | 29.59 1.72 0.00 | 32.86 2.19 0.00 | 28.22 1.65 0.00 | 26.70 1.56 0.00 | 27.00 1.74 0.00 | 24.71 1.48 0.00 | 26.88 1.48 0.00 |
| NORTHPORT____2 23552 | 24.19 1.20 0.00 | 25.30 1.20 0.00 | 26.49 1.13 0.00 | 25.34 0.96 0.00 | 19.35 0.94 0.00 | 22.68 1.16 0.00 | 38.22 2.08 0.00 | 33.20 1.78 0.00 | 53.27 3.17 0.00 | 22.11 1.24 0.00 | 28.25 1.72 0.00 | 28.99 1.87 0.00 | 28.51 1.63 0.00 | 32.26 1.90 0.00 | 30.17 1.85 0.00 | 28.36 1.70 0.00 | 27.95 1.80 0.00 | 29.59 1.72 0.00 | 32.86 2.19 0.00 | 28.22 1.65 0.00 | 26.70 1.56 0.00 | 27.00 1.74 0.00 | 24.71 1.48 0.00 | 26.88 1.48 0.00 |
| NORTHPORT____3 23553 | 24.03 1.04 0.00 | 25.09 0.99 0.00 | 26.29 0.94 0.00 | 25.19 0.80 0.00 | 19.23 0.82 0.00 | 22.57 1.05 0.00 | 38.09 1.96 0.00 | 33.12 1.70 0.00 | 53.09 2.98 0.00 | 22.03 1.16 0.00 | 28.09 1.55 0.00 | 28.87 1.75 0.00 | 28.43 1.55 0.00 | 32.12 1.76 0.00 | 30.05 1.72 0.00 | 28.29 1.63 0.00 | 27.86 1.71 0.00 | 29.51 1.64 0.00 | 32.74 2.07 0.00 | 28.18 1.60 0.00 | 26.65 1.51 0.00 | 26.94 1.68 0.00 | 24.62 1.39 0.00 | 26.75 1.34 0.00 |

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| NORTHPORT___4 23650 | 24.03 1.04 0.00 | 25.09 0.99 0.00 | 26.29 0.94 0.00 | 25.19 0.80 0.00 | 19.23 0.82 0.00 | 22.57 1.05 0.00 | 38.09 1.96 0.00 | 33.12 1.70 0.00 | 53.09 2.98 0.00 | 22.03 1.16 0.00 | 28.09 1.55 0.00 | 28.87 1.75 0.00 | 28.43 1.55 0.00 | 32.12 1.76 0.00 | 30.05 1.72 0.00 | 28.29 1.63 0.00 | 27.86 1.71 0.00 | 29.51 1.64 0.00 | 32.74 2.07 0.00 | 28.18 1.60 0.00 | 26.65 1.51 0.00 | 26.94 1.68 0.00 | 24.62 1.39 0.00 | 26.75 1.34 0.00 |
| NORTHPORT___IC 23718 | 24.19 1.20 0.00 | 25.30 1.20 0.00 | 26.49 1.13 0.00 | 25.34 0.96 0.00 | 19.35 0.94 0.00 | 22.68 1.16 0.00 | 38.22 2.08 0.00 | 33.20 1.78 0.00 | 53.27 3.17 0.00 | 22.11 1.24 0.00 | 28.25 1.72 0.00 | 28.99 1.87 0.00 | 28.51 1.63 0.00 | 32.26 1.90 0.00 | 30.17 1.85 0.00 | 28.36 1.70 0.00 | 27.95 1.80 0.00 | 29.59 1.72 0.00 | 32.86 2.19 0.00 | 28.22 1.65 0.00 | 26.70 1.56 0.00 | 27.00 1.74 0.00 | 24.71 1.48 0.00 | 26.88 1.48 0.00 |
| NORTH___COUNTRY_ESR 323785 | 22.86 -0.13 0.00 | 24.02 -0.08 0.00 | 25.34 -0.01 0.00 | 24.40 0.01 0.00 | 18.20 -0.21 0.00 | 21.08 -0.44 0.00 | 35.47 -0.67 0.00 | 30.24 -1.18 0.00 | 48.51 -1.59 0.00 | 20.51 -0.36 0.00 | 26.52 -0.01 0.00 | 27.12 0.00 0.00 | 26.85 -0.04 0.00 | 30.43 0.06 0.00 | 28.36 0.03 0.00 | 26.76 0.10 0.00 | 25.98 -0.17 0.00 | 27.51 -0.36 0.00 | 30.16 -0.52 0.00 | 26.30 -0.28 0.00 | 24.79 -0.35 0.00 | 24.92 -0.33 0.00 | 23.04 -0.19 0.00 | 25.66 0.25 0.00 |
| NPX_GEN_1385_PROXY 323591 | 24.08 1.09 0.00 | 25.42 1.33 0.00 | 26.62 1.26 0.00 | 25.21 0.83 0.00 | 19.37 0.95 0.00 | 22.70 1.18 0.00 | 37.98 1.85 0.00 | 32.88 1.47 0.00 | 53.05 2.95 0.00 | 21.68 0.81 0.00 | 27.64 1.11 0.00 | 28.09 0.97 0.00 | 27.60 0.71 0.00 | 31.43 1.07 0.00 | 29.55 1.23 0.00 | 27.68 1.02 0.00 | 27.95 1.80 0.00 | 29.94 1.59 -0.48 | 32.55 1.88 0.00 | 27.77 1.20 0.00 | 26.30 1.17 0.00 | 26.61 1.35 0.00 | 24.35 1.12 0.00 | 29.78 1.31 -3.06 |
| NPX_GEN_CSC 323557 | 24.40 1.40 0.00 | 25.35 1.26 0.00 | 26.46 1.10 0.00 | 25.26 0.87 0.00 | 19.45 1.04 0.00 | 22.75 1.23 0.00 | 38.52 2.38 0.00 | 33.18 1.76 0.00 | 53.73 3.62 0.00 | 22.38 1.52 0.00 | 28.45 1.92 0.00 | 29.24 2.12 0.00 | 28.67 1.79 0.00 | 32.52 2.16 0.00 | 30.40 2.08 0.00 | 28.54 1.88 0.00 | 28.08 1.92 0.00 | 30.31 1.96 -0.48 | 33.37 2.70 0.00 | 28.57 2.00 0.00 | 26.92 1.78 0.00 | 27.14 1.88 0.00 | 24.79 1.56 0.00 | 29.98 1.51 -3.06 |
| NSINS_S_GLNS_FALLS 23858 | 24.17 1.17 0.00 | 25.20 1.10 0.00 | 26.37 1.02 0.00 | 25.13 0.74 0.00 | 18.96 0.55 0.00 | 22.16 0.64 0.00 | 37.65 1.51 0.00 | 33.14 1.72 0.00 | 52.78 2.68 0.00 | 21.56 0.69 0.00 | 27.36 0.83 0.00 | 27.96 0.84 0.00 | 27.65 0.77 0.00 | 31.24 0.88 0.00 | 29.15 0.82 0.00 | 27.66 1.00 0.00 | 27.37 1.21 0.00 | 29.18 1.31 0.00 | 31.97 1.30 0.00 | 27.83 1.26 0.00 | 26.36 1.22 0.00 | 26.66 1.41 0.00 | 24.29 1.05 0.00 | 26.31 0.90 0.00 |
| NUCOR_STEEL___DRP 24197 | 23.34 0.35 0.00 | 24.65 0.55 0.00 | 25.82 0.46 0.00 | 24.99 0.60 0.00 | 18.87 0.46 0.00 | 22.12 0.60 0.00 | 37.12 0.99 0.00 | 32.49 1.07 0.00 | 51.65 1.54 0.00 | 21.42 0.55 0.00 | 27.21 0.68 0.00 | 27.81 0.69 0.00 | 27.67 0.78 0.00 | 31.11 0.75 0.00 | 29.06 0.73 0.00 | 27.35 0.69 0.00 | 26.65 0.50 0.00 | 28.55 0.68 0.00 | 31.71 1.04 0.00 | 27.27 0.70 0.00 | 25.81 0.67 0.00 | 25.88 0.62 0.00 | 23.76 0.53 0.00 | 25.84 0.44 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 23.38 0.38 0.00 | 24.45 0.36 0.00 | 25.73 0.37 0.00 | 24.79 0.41 0.00 | 18.73 0.32 0.00 | 21.99 0.47 0.00 | 37.08 0.94 0.00 | 32.22 0.80 0.00 | 51.29 1.18 0.00 | 21.12 0.25 0.00 | 26.62 0.09 0.00 | 27.10 -0.02 0.00 | 27.02 0.14 0.00 | 30.70 0.34 0.00 | 28.67 0.35 0.00 | 27.05 0.39 0.00 | 26.64 0.49 0.00 | 28.42 0.54 0.00 | 31.17 0.50 0.00 | 27.01 0.43 0.00 | 25.42 0.28 0.00 | 25.42 0.17 0.00 | 23.50 0.27 0.00 | 25.89 0.48 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 22.99 0.00 0.00 | 24.10 0.00 0.00 | 25.36 0.00 0.00 | 24.39 0.00 0.00 | 18.41 0.00 0.00 | 21.52 0.00 0.00 | 36.13 0.00 0.00 | 31.42 0.00 0.00 | 50.11 0.00 0.00 | 20.87 0.00 0.00 | 26.53 0.00 0.00 | 27.12 0.00 0.00 | 26.88 0.00 0.00 | 30.36 0.00 0.00 | 28.33 0.00 0.00 | 26.66 0.00 0.00 | 26.15 0.00 0.00 | 27.87 0.00 0.00 | 30.67 0.00 0.00 | 26.57 0.00 0.00 | 25.14 0.00 0.00 | 25.25 0.00 0.00 | 23.23 0.00 0.00 | 25.41 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 24.46 1.46 0.00 | 25.51 1.42 0.00 | 26.70 1.34 0.00 | 25.55 1.16 0.00 | 19.55 1.14 0.00 | 22.92 1.39 0.00 | 38.77 2.63 0.00 | 33.70 2.28 0.00 | 54.15 4.05 0.00 | 22.48 1.61 0.00 | 28.64 2.11 0.00 | 29.41 2.29 0.00 | 28.91 2.03 0.00 | 32.73 2.37 0.00 | 30.63 2.30 0.00 | 28.81 2.15 0.00 | 28.33 2.18 0.00 | 30.08 2.21 0.00 | 33.51 2.84 0.00 | 28.75 2.18 0.00 | 27.14 2.01 0.00 | 27.45 2.19 0.00 | 25.07 1.84 0.00 | 27.20 1.80 0.00 |
| NYPA_GOWANUS___GT5 24156 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.54 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NYPA_GOWANUS___GT6 24157 | 24.09 1.10 0.00 | 25.07 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.42 0.00 | 22.42 1.54 0.00 | 28.35 1.82 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.65 1.99 0.00 | 28.17 2.02 0.00 | 29.73 1.86 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.01 1.87 0.00 | 27.20 1.94 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| NYPA_HARLEM__RVR_GT1 24160 | 23.95 0.96 0.00 | 24.95 0.85 0.00 | 26.22 0.86 0.00 | 25.21 0.83 0.00 | 19.31 0.89 0.00 | 22.59 1.07 0.01 | 38.35 2.22 0.00 | 33.45 2.03 0.00 | 53.40 3.30 0.00 | 22.32 1.45 0.00 | 28.28 1.75 0.00 | 29.06 1.94 0.00 | 28.69 1.81 0.00 | 32.34 1.98 0.00 | 30.23 1.91 0.00 | 28.54 1.88 0.00 | 28.06 1.90 0.00 | 29.64 1.77 0.00 | 32.76 2.09 0.00 | 28.27 1.70 0.00 | 26.86 1.73 0.00 | 27.06 1.80 0.00 | 24.74 1.50 0.00 | 26.92 1.51 0.00 |
| NYPA_HARLEM__RVR_GT2 24161 | 23.95 0.96 0.00 | 24.95 0.85 0.00 | 26.22 0.86 0.00 | 25.21 0.83 0.00 | 19.31 0.89 0.00 | 22.59 1.07 0.01 | 38.35 2.22 0.00 | 33.45 2.03 0.00 | 53.40 3.30 0.00 | 22.32 1.45 0.00 | 28.28 1.75 0.00 | 29.06 1.94 0.00 | 28.69 1.81 0.00 | 32.34 1.98 0.00 | 30.23 1.91 0.00 | 28.54 1.88 0.00 | 28.06 1.90 0.00 | 29.64 1.77 0.00 | 32.76 2.09 0.00 | 28.27 1.70 0.00 | 26.86 1.73 0.00 | 27.06 1.80 0.00 | 24.74 1.50 0.00 | 26.92 1.51 0.00 |
| NYPA_KENT___GT 24152 | 24.05 1.05 0.00 | 25.03 0.94 0.00 | 26.29 0.93 0.00 | 25.31 0.92 0.00 | 19.36 0.95 0.00 | 22.71 1.19 0.00 | 38.40 2.26 0.00 | 33.51 2.09 0.00 | 53.47 3.36 0.00 | 22.37 1.50 0.00 | 28.33 1.80 0.00 | 29.13 2.01 0.00 | 28.77 1.88 0.00 | 32.40 2.04 0.00 | 30.28 1.96 0.00 | 28.61 1.95 0.00 | 28.13 1.98 0.00 | 29.72 1.85 0.00 | 32.82 2.15 0.00 | 28.40 1.82 0.00 | 26.96 1.82 0.00 | 27.15 1.90 0.00 | 24.80 1.57 0.00 | 26.95 1.54 0.00 |

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| NYPA_POUCH1____GT 24155 | 24.12 1.12 0.00 | 25.11 1.01 0.00 | 26.36 1.01 0.00 | 25.38 0.99 0.00 | 19.42 1.01 0.00 | 22.78 1.26 0.00 | 38.49 2.36 0.00 | 33.59 2.18 0.00 | 53.60 3.50 0.00 | 22.44 1.57 0.00 | 28.38 1.85 0.00 | 29.19 2.07 0.00 | 28.83 1.95 0.00 | 32.45 2.09 0.00 | 30.34 2.02 0.00 | 28.68 2.02 0.00 | 28.20 2.05 0.00 | 29.72 1.85 0.00 | 32.83 2.17 0.00 | 28.44 1.87 0.00 | 27.01 1.88 0.00 | 27.24 1.98 0.00 | 24.86 1.63 0.00 | 26.99 1.58 0.00 |
| NYPA_VERNON____GT2 24162 | 24.01 1.01 0.00 | 24.99 0.89 0.00 | 26.25 0.89 0.00 | 25.26 0.88 0.00 | 19.33 0.92 0.00 | 22.67 1.15 0.00 | 38.34 2.21 0.00 | 33.46 2.05 0.00 | 53.41 3.31 0.00 | 22.33 1.46 0.00 | 28.30 1.77 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.38 2.02 0.00 | 30.26 1.93 0.00 | 28.57 1.91 0.00 | 28.10 1.95 0.00 | 29.70 1.83 0.00 | 32.81 2.13 0.00 | 28.35 1.78 0.00 | 26.92 1.79 0.00 | 27.10 1.84 0.00 | 24.77 1.53 0.00 | 26.94 1.53 0.00 |
| NYPA_VERNON____GT3 24163 | 24.01 1.01 0.00 | 24.99 0.89 0.00 | 26.25 0.89 0.00 | 25.26 0.88 0.00 | 19.33 0.92 0.00 | 22.67 1.15 0.00 | 38.34 2.21 0.00 | 33.46 2.05 0.00 | 53.41 3.31 0.00 | 22.33 1.46 0.00 | 28.30 1.77 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.38 2.02 0.00 | 30.26 1.93 0.00 | 28.57 1.91 0.00 | 28.10 1.95 0.00 | 29.70 1.83 0.00 | 32.81 2.13 0.00 | 28.35 1.78 0.00 | 26.92 1.79 0.00 | 27.10 1.84 0.00 | 24.77 1.53 0.00 | 26.94 1.53 0.00 |
| NYPA____ASTORIA_CC1 323568 | 23.98 0.99 0.00 | 24.96 0.87 0.00 | 26.23 0.87 0.00 | 25.24 0.85 0.00 | 19.32 0.91 0.00 | 22.64 1.12 0.00 | 38.30 2.17 0.00 | 33.41 1.99 0.00 | 53.34 3.24 0.00 | 22.31 1.44 0.00 | 28.26 1.73 0.00 | 29.07 1.94 0.00 | 28.70 1.82 0.00 | 32.34 1.98 0.00 | 30.22 1.89 0.00 | 28.54 1.88 0.00 | 28.07 1.91 0.00 | 29.65 1.77 0.00 | 32.75 2.08 0.00 | 28.30 1.73 0.00 | 26.89 1.76 0.00 | 27.07 1.82 0.00 | 24.75 1.52 0.00 | 26.92 1.52 0.00 |
| NYPA____ASTORIA_CC2 323569 | 23.98 0.99 0.00 | 24.96 0.87 0.00 | 26.23 0.87 0.00 | 25.24 0.85 0.00 | 19.32 0.91 0.00 | 22.64 1.12 0.00 | 38.30 2.17 0.00 | 33.41 1.99 0.00 | 53.34 3.24 0.00 | 22.31 1.44 0.00 | 28.26 1.73 0.00 | 29.07 1.94 0.00 | 28.70 1.82 0.00 | 32.34 1.98 0.00 | 30.22 1.89 0.00 | 28.54 1.88 0.00 | 28.07 1.91 0.00 | 29.65 1.77 0.00 | 32.75 2.08 0.00 | 28.30 1.73 0.00 | 26.89 1.76 0.00 | 27.07 1.82 0.00 | 24.75 1.52 0.00 | 26.92 1.52 0.00 |
| NYPA____HOLTSVILL 23794 | 24.47 1.47 0.00 | 25.44 1.34 0.00 | 26.57 1.21 0.00 | 25.39 1.00 0.00 | 19.53 1.12 0.00 | 22.82 1.30 0.00 | 38.68 2.55 0.00 | 33.45 2.04 0.00 | 54.08 3.98 0.00 | 22.50 1.63 0.00 | 28.62 2.09 0.00 | 29.44 2.32 0.00 | 28.90 2.01 0.00 | 32.70 2.34 0.00 | 30.55 2.23 0.00 | 28.70 2.04 0.00 | 28.16 2.01 0.00 | 30.00 2.13 0.00 | 33.56 2.89 0.00 | 28.74 2.16 0.00 | 27.03 1.89 0.00 | 27.34 2.09 0.00 | 24.96 1.73 0.00 | 27.05 1.64 0.00 |
| NYPA____HELLGATE_GT1 24158 | 23.95 0.96 0.00 | 24.95 0.85 0.00 | 26.22 0.86 0.00 | 25.21 0.83 0.00 | 19.31 0.89 0.00 | 22.59 1.07 0.00 | 38.32 2.20 0.01 | 33.42 2.00 0.00 | 53.37 3.27 0.00 | 22.32 1.45 0.00 | 28.28 1.75 0.00 | 29.06 1.94 0.00 | 28.69 1.81 0.00 | 32.34 1.98 0.00 | 30.23 1.91 0.00 | 28.54 1.88 0.00 | 28.06 1.90 0.00 | 29.62 1.75 0.00 | 32.73 2.06 0.00 | 28.24 1.67 0.00 | 26.84 1.71 0.00 | 27.06 1.80 0.00 | 24.74 1.50 0.00 | 26.92 1.51 0.00 |
| NYPA____HELLGATE_GT2 24159 | 23.95 0.96 0.00 | 24.95 0.85 0.00 | 26.22 0.86 0.00 | 25.21 0.83 0.00 | 19.31 0.89 0.00 | 22.59 1.07 0.00 | 38.32 2.20 0.01 | 33.42 2.00 0.00 | 53.37 3.27 0.00 | 22.32 1.45 0.00 | 28.28 1.75 0.00 | 29.06 1.94 0.00 | 28.69 1.81 0.00 | 32.34 1.98 0.00 | 30.23 1.91 0.00 | 28.54 1.88 0.00 | 28.06 1.90 0.00 | 29.62 1.75 0.00 | 32.73 2.06 0.00 | 28.24 1.67 0.00 | 26.84 1.71 0.00 | 27.06 1.80 0.00 | 24.74 1.50 0.00 | 26.92 1.51 0.00 |
| NYS_BARGE____HYD 23848 | 22.55 -0.45 0.00 | 23.86 -0.24 0.00 | 25.15 -0.21 0.00 | 24.37 -0.02 0.00 | 18.35 -0.06 0.00 | 21.89 0.37 0.00 | 35.85 -0.28 0.00 | 31.62 0.20 0.00 | 50.40 0.29 0.00 | 21.04 0.17 0.00 | 27.19 0.66 0.00 | 27.58 0.46 0.00 | 27.56 0.68 0.00 | 30.99 0.62 0.00 | 28.79 0.46 0.00 | 26.53 -0.13 0.00 | 25.66 -0.49 0.00 | 27.86 -0.01 0.00 | 30.76 0.08 0.00 | 26.26 -0.32 0.00 | 24.73 -0.41 0.00 | 24.68 -0.57 0.00 | 23.15 -0.08 0.00 | 25.54 0.13 0.00 |
| OAK ORCHARD____HYD 24046 | 22.93 -0.06 0.00 | 24.17 0.07 0.00 | 25.46 0.09 0.00 | 24.60 0.21 0.00 | 18.52 0.10 0.00 | 21.93 0.41 0.00 | 36.37 0.24 0.00 | 32.00 0.59 0.00 | 51.00 0.90 0.00 | 21.21 0.33 0.00 | 27.16 0.63 0.00 | 27.65 0.53 0.00 | 27.57 0.69 0.00 | 31.09 0.73 0.00 | 28.93 0.60 0.00 | 26.93 0.27 0.00 | 26.16 0.01 0.00 | 28.25 0.37 0.00 | 31.19 0.51 0.00 | 26.74 0.17 0.00 | 25.18 0.04 0.00 | 25.19 -0.06 0.00 | 23.34 0.10 0.00 | 25.59 0.18 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 23.30 0.30 0.00 | 24.51 0.42 0.00 | 25.81 0.46 0.00 | 24.89 0.50 0.00 | 18.79 0.39 0.00 | 22.10 0.58 0.00 | 37.08 0.94 0.00 | 32.47 1.05 0.00 | 51.80 1.70 0.00 | 21.44 0.56 0.00 | 27.42 0.89 0.00 | 27.94 0.82 0.00 | 27.76 0.87 0.00 | 31.30 0.95 0.00 | 29.23 0.90 0.00 | 27.39 0.73 0.00 | 26.77 0.62 0.00 | 28.63 0.76 0.00 | 31.78 1.11 0.00 | 27.40 0.82 0.00 | 25.90 0.76 0.00 | 25.97 0.71 0.00 | 23.88 0.65 0.00 | 26.07 0.66 0.00 |
| OCC_CHEM____DRP 24175 | 22.27 -0.72 0.00 | 23.56 -0.54 0.00 | 24.86 -0.50 0.00 | 24.10 -0.29 0.00 | 18.12 -0.29 0.00 | 21.61 0.08 0.00 | 35.38 -0.75 0.00 | 31.18 -0.24 0.00 | 49.74 -0.37 0.00 | 20.80 -0.07 0.00 | 26.87 0.34 0.00 | 27.26 0.14 0.00 | 27.25 0.37 0.00 | 30.64 0.28 0.00 | 28.44 0.11 0.00 | 26.20 -0.46 0.00 | 25.31 -0.84 0.00 | 27.46 -0.41 0.00 | 30.33 -0.34 0.00 | 25.88 -0.69 0.00 | 24.41 -0.73 0.00 | 24.34 -0.91 0.00 | 22.76 -0.47 0.00 | 25.08 -0.32 0.00 |
| OH_GEN_PROXY 24063 | 22.42 -0.58 0.00 | 23.71 -0.39 0.00 | 25.01 -0.35 0.00 | 40.90 -0.15 -16.66 | 18.23 -0.18 0.00 | 21.72 0.20 0.00 | 35.65 -0.49 0.00 | 31.44 0.03 0.00 | 50.10 0.00 0.00 | 20.90 0.03 0.00 | 27.01 0.48 0.00 | 27.40 0.28 0.00 | 27.39 0.51 0.00 | 30.82 0.45 0.00 | 28.61 0.28 0.00 | 26.41 -0.26 0.00 | 25.51 -0.64 0.00 | 28.17 -0.18 -0.48 | 30.58 -0.09 0.00 | 26.12 -0.46 0.00 | 24.58 -0.56 0.00 | 24.55 -0.70 0.00 | 22.92 -0.31 0.00 | 28.32 -0.14 -3.06 |
| OLIN_CORP_DRP 24177 | 22.28 -0.72 0.00 | 23.56 -0.53 0.00 | 24.85 -0.51 0.00 | 24.08 -0.31 0.00 | 18.13 -0.28 0.00 | 21.62 0.10 0.00 | 35.38 -0.75 0.00 | 31.18 -0.24 0.00 | 49.71 -0.39 0.00 | 20.79 -0.08 0.00 | 26.87 0.34 0.00 | 27.24 0.12 0.00 | 27.23 0.34 0.00 | 30.61 0.25 0.00 | 28.42 0.10 0.00 | 26.19 -0.48 0.00 | 25.31 -0.84 0.00 | 27.45 -0.42 0.00 | 30.33 -0.34 0.00 | 25.88 -0.69 0.00 | 24.42 -0.72 0.00 | 24.35 -0.91 0.00 | 22.78 -0.45 0.00 | 25.12 -0.28 0.00 |
| OLIN_CORP_DSASP 323712 | 22.27 -0.72 0.00 | 23.56 -0.54 0.00 | 24.86 -0.50 0.00 | 24.10 -0.29 0.00 | 18.12 -0.29 0.00 | 21.62 0.09 0.00 | 35.40 -0.74 0.00 | 31.19 -0.23 0.00 | 49.74 -0.37 0.00 | 20.78 -0.08 0.00 | 26.88 0.35 0.00 | 27.26 0.14 0.00 | 27.25 0.37 0.00 | 30.63 0.27 0.00 | 28.44 0.12 0.00 | 26.18 -0.48 0.00 | 25.31 -0.84 0.00 | 27.49 -0.39 0.00 | 30.34 -0.33 0.00 | 25.88 -0.69 0.00 | 24.37 -0.76 0.00 | 24.34 -0.91 0.00 | 22.76 -0.47 0.00 | 25.09 -0.31 0.00 |

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|-----------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ONEIDA_HERK_LFGE 323681 | 23.51 0.52 0.00 | 24.64 0.54 0.00 | 25.92 0.56 0.00 | 24.95 0.56 0.00 | 18.85 0.44 0.00 | 22.14 0.61 0.00 | 37.21 1.08 0.00 | 32.37 0.95 0.00 | 51.59 1.49 0.00 | 21.33 0.46 0.00 | 27.03 0.50 0.00 | 27.50 0.38 0.00 | 27.32 0.43 0.00 | 31.02 0.65 0.00 | 28.97 0.65 0.00 | 27.32 0.66 0.00 | 26.95 0.79 0.00 | 28.67 0.79 0.00 | 31.48 0.81 0.00 | 27.26 0.69 0.00 | 25.79 0.65 0.00 | 25.78 0.53 0.00 | 23.76 0.52 0.00 | 26.06 0.65 0.00 |
| ONEIDA___115KV_TB4 55905 | 23.74 0.75 0.00 | 24.91 0.81 0.00 | 26.20 0.84 0.00 | 25.21 0.82 0.00 | 19.05 0.64 0.00 | 22.40 0.88 0.00 | 37.61 1.48 0.00 | 32.80 1.38 0.00 | 52.35 2.25 0.00 | 21.67 0.80 0.00 | 27.49 0.96 0.00 | 27.95 0.83 0.00 | 27.72 0.83 0.00 | 31.50 1.14 0.00 | 29.45 1.12 0.00 | 27.74 1.08 0.00 | 27.33 1.18 0.00 | 29.05 1.18 0.00 | 31.98 1.31 0.00 | 27.65 1.07 0.00 | 26.22 1.08 0.00 | 26.19 0.94 0.00 | 24.08 0.85 0.00 | 26.33 0.92 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 23.16 0.16 0.00 | 24.33 0.23 0.00 | 25.59 0.23 0.00 | 24.64 0.26 0.00 | 18.59 0.18 0.00 | 21.76 0.24 0.00 | 36.42 0.29 0.00 | 31.82 0.41 0.00 | 50.71 0.60 0.00 | 21.07 0.20 0.00 | 26.83 0.30 0.00 | 27.34 0.22 0.00 | 27.15 0.27 0.00 | 30.67 0.31 0.00 | 28.63 0.30 0.00 | 26.87 0.21 0.00 | 26.33 0.17 0.00 | 28.13 0.25 0.00 | 31.07 0.40 0.00 | 26.81 0.24 0.00 | 25.36 0.22 0.00 | 25.41 0.16 0.00 | 23.37 0.14 0.00 | 25.53 0.12 0.00 |
| ONONDAGA___COGEN 23986 | 23.17 0.18 0.00 | 24.36 0.26 0.00 | 25.61 0.25 0.00 | 24.68 0.29 0.00 | 18.63 0.22 0.00 | 21.80 0.28 0.00 | 36.47 0.34 0.00 | 31.85 0.43 0.00 | 50.73 0.62 0.00 | 21.08 0.21 0.00 | 26.83 0.30 0.00 | 27.37 0.25 0.00 | 27.18 0.29 0.00 | 30.68 0.32 0.00 | 28.61 0.28 0.00 | 26.87 0.21 0.00 | 26.32 0.16 0.00 | 28.13 0.25 0.00 | 31.08 0.41 0.00 | 26.81 0.23 0.00 | 25.37 0.23 0.00 | 25.42 0.17 0.00 | 23.39 0.16 0.00 | 25.53 0.12 0.00 |
| ONTARIO___LFGE 23819 | 23.28 0.28 0.00 | 24.55 0.45 0.00 | 25.86 0.50 0.00 | 24.98 0.60 0.00 | 18.85 0.43 0.00 | 22.30 0.78 0.00 | 37.17 1.03 0.00 | 32.64 1.22 0.00 | 52.00 1.89 0.00 | 21.57 0.70 0.00 | 27.54 1.00 0.00 | 27.94 0.82 0.00 | 27.79 0.90 0.00 | 31.45 1.09 0.00 | 29.37 1.05 0.00 | 27.41 0.75 0.00 | 26.78 0.62 0.00 | 28.80 0.92 0.00 | 31.94 1.27 0.00 | 27.45 0.87 0.00 | 25.92 0.78 0.00 | 25.89 0.63 0.00 | 23.85 0.61 0.00 | 26.09 0.68 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 22.90 -0.09 0.00 | 24.27 0.17 0.00 | 25.64 0.28 0.00 | 24.84 0.45 0.00 | 18.71 0.30 0.00 | 22.27 0.75 0.00 | 36.79 0.66 0.00 | 32.48 1.07 0.00 | 51.68 1.57 0.00 | 21.48 0.61 0.00 | 27.74 1.21 0.00 | 28.15 1.03 0.00 | 28.07 1.19 0.00 | 31.61 1.25 0.00 | 29.31 0.98 0.00 | 27.18 0.52 0.00 | 26.39 0.24 0.00 | 28.58 0.70 0.00 | 31.68 1.01 0.00 | 27.11 0.53 0.00 | 25.53 0.40 0.00 | 25.51 0.26 0.00 | 23.66 0.42 0.00 | 26.00 0.59 0.00 |
| ORANGEVILLE___ESR 323794 | 22.90 -0.09 0.00 | 24.27 0.17 0.00 | 25.64 0.28 0.00 | 24.84 0.45 0.00 | 18.71 0.30 0.00 | 22.27 0.75 0.00 | 36.79 0.66 0.00 | 32.48 1.07 0.00 | 51.68 1.57 0.00 | 21.48 0.61 0.00 | 27.74 1.21 0.00 | 28.15 1.03 0.00 | 28.07 1.19 0.00 | 31.61 1.25 0.00 | 29.31 0.98 0.00 | 27.18 0.52 0.00 | 26.39 0.24 0.00 | 28.58 0.70 0.00 | 31.68 1.01 0.00 | 27.11 0.53 0.00 | 25.53 0.40 0.00 | 25.51 0.26 0.00 | 23.66 0.42 0.00 | 26.00 0.59 0.00 |
| OSWEGATCHIE___HYD 24044 | 23.10 0.11 0.00 | 24.16 0.07 0.00 | 25.45 0.09 0.00 | 24.49 0.10 0.00 | 18.40 -0.01 0.00 | 21.44 -0.08 0.00 | 36.16 0.02 0.00 | 31.28 -0.14 0.00 | 49.81 -0.30 0.00 | 20.60 -0.27 0.00 | 26.03 -0.50 0.00 | 26.55 -0.57 0.00 | 26.44 -0.44 0.00 | 29.96 -0.40 0.00 | 27.94 -0.39 0.00 | 26.34 -0.32 0.00 | 25.87 -0.28 0.00 | 27.63 -0.25 0.00 | 30.31 -0.36 0.00 | 26.30 -0.27 0.00 | 24.79 -0.35 0.00 | 24.90 -0.36 0.00 | 23.13 -0.10 0.00 | 25.52 0.11 0.00 |
| OSWEGO___5 23606 | 22.56 -0.43 0.00 | 23.69 -0.41 0.00 | 24.93 -0.43 0.00 | 23.98 -0.41 0.00 | 18.07 -0.34 0.00 | 21.12 -0.41 0.00 | 35.27 -0.86 0.00 | 30.75 -0.67 0.00 | 49.00 -1.10 0.00 | 20.41 -0.46 0.00 | 25.94 -0.59 0.00 | 26.48 -0.64 0.00 | 26.29 -0.60 0.00 | 29.68 -0.68 0.00 | 27.69 -0.64 0.00 | 25.99 -0.68 0.00 | 25.46 -0.69 0.00 | 27.19 -0.68 0.00 | 29.97 -0.70 0.00 | 25.90 -0.67 0.00 | 24.50 -0.64 0.00 | 24.59 -0.67 0.00 | 22.65 -0.58 0.00 | 24.79 -0.62 0.00 |
| OSWEGO___6 23613 | 22.56 -0.43 0.00 | 23.69 -0.41 0.00 | 24.93 -0.43 0.00 | 23.98 -0.41 0.00 | 18.07 -0.34 0.00 | 21.12 -0.41 0.00 | 35.27 -0.86 0.00 | 30.75 -0.67 0.00 | 49.00 -1.10 0.00 | 20.41 -0.46 0.00 | 25.94 -0.59 0.00 | 26.48 -0.64 0.00 | 26.29 -0.60 0.00 | 29.68 -0.68 0.00 | 27.69 -0.64 0.00 | 25.99 -0.68 0.00 | 25.46 -0.69 0.00 | 27.19 -0.68 0.00 | 29.97 -0.70 0.00 | 25.90 -0.67 0.00 | 24.50 -0.64 0.00 | 24.59 -0.67 0.00 | 22.65 -0.58 0.00 | 24.79 -0.62 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 22.81 -0.19 0.00 | 24.13 0.03 0.00 | 25.47 0.10 0.00 | 24.68 0.29 0.00 | 18.56 0.15 0.00 | 22.15 0.63 0.00 | 36.37 0.23 0.00 | 32.06 0.64 0.00 | 51.11 1.01 0.00 | 21.36 0.49 0.00 | 27.59 1.06 0.00 | 27.98 0.86 0.00 | 27.95 1.07 0.00 | 31.45 1.09 0.00 | 29.22 0.89 0.00 | 26.92 0.25 0.00 | 26.04 -0.12 0.00 | 28.22 0.35 0.00 | 31.23 0.56 0.00 | 26.64 0.07 0.00 | 25.14 0.00 0.00 | 25.04 -0.21 0.00 | 23.41 0.17 0.00 | 25.77 0.36 0.00 |
| OXBOW___ 24026 | 22.60 -0.40 0.00 | 23.91 -0.19 0.00 | 25.23 -0.13 0.00 | 24.45 0.07 0.00 | 18.39 -0.02 0.00 | 21.95 0.43 0.00 | 36.00 -0.13 0.00 | 31.73 0.31 0.00 | 50.59 0.48 0.00 | 21.14 0.27 0.00 | 27.33 0.80 0.00 | 27.71 0.59 0.00 | 27.69 0.81 0.00 | 31.14 0.78 0.00 | 28.93 0.60 0.00 | 26.62 -0.03 0.00 | 25.76 -0.40 0.00 | 27.96 0.09 0.00 | 30.88 0.21 0.00 | 26.35 -0.23 0.00 | 24.81 -0.32 0.00 | 24.77 -0.48 0.00 | 23.16 -0.07 0.00 | 25.51 0.11 0.00 |
| OXY_CHEM_DSASP 323612 | 22.27 -0.72 0.00 | 23.56 -0.54 0.00 | 24.86 -0.50 0.00 | 24.10 -0.29 0.00 | 18.12 -0.29 0.00 | 21.61 0.08 0.00 | 35.38 -0.75 0.00 | 31.18 -0.24 0.00 | 49.74 -0.37 0.00 | 20.80 -0.07 0.00 | 26.87 0.34 0.00 | 27.26 0.14 0.00 | 27.25 0.37 0.00 | 30.64 0.28 0.00 | 28.44 0.11 0.00 | 26.20 -0.46 0.00 | 25.31 -0.84 0.00 | 27.46 -0.41 0.00 | 30.33 -0.34 0.00 | 25.88 -0.69 0.00 | 24.41 -0.73 0.00 | 24.34 -0.91 0.00 | 22.76 -0.47 0.00 | 25.08 -0.32 0.00 |
| OZONE_PARK_ESR 323760 | 24.28 1.28 0.00 | 25.27 1.17 0.00 | 26.53 1.17 0.00 | 25.54 1.15 0.00 | 19.52 1.11 0.00 | 22.93 1.41 0.00 | 38.77 2.63 0.00 | 33.88 2.46 0.00 | 54.09 3.98 0.00 | 22.54 1.67 0.00 | 28.60 2.07 0.00 | 29.40 2.28 0.00 | 29.05 2.16 0.00 | 32.73 2.37 0.00 | 30.56 2.24 0.00 | 28.85 2.19 0.00 | 28.40 2.24 0.00 | 30.09 2.22 0.00 | 33.23 2.56 0.00 | 28.70 2.12 0.00 | 27.21 2.07 0.00 | 27.37 2.12 0.00 | 25.02 1.79 0.00 | 27.18 1.78 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 22.27 -0.72 0.00 | 23.56 -0.54 0.00 | 24.86 -0.50 0.00 | 24.10 -0.29 0.00 | 18.12 -0.29 0.00 | 21.61 0.08 0.00 | 35.38 -0.75 0.00 | 31.18 -0.24 0.00 | 49.74 -0.37 0.00 | 20.80 -0.07 0.00 | 26.87 0.34 0.00 | 27.26 0.14 0.00 | 27.25 0.37 0.00 | 30.64 0.28 0.00 | 28.44 0.11 0.00 | 26.20 -0.46 0.00 | 25.31 -0.84 0.00 | 27.46 -0.41 0.00 | 30.33 -0.34 0.00 | 25.88 -0.69 0.00 | 24.41 -0.73 0.00 | 24.34 -0.91 0.00 | 22.76 -0.47 0.00 | 25.08 -0.32 0.00 |

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| PACKARD__115KV_DUPONT_184 80571 | 22.27 -0.72 0.00 | 23.56 -0.54 0.00 | 24.86 -0.50 0.00 | 24.10 -0.29 0.00 | 18.12 -0.29 0.00 | 21.61 0.08 0.00 | 35.38 -0.75 0.00 | 31.18 -0.24 0.00 | 49.74 -0.37 0.00 | 20.80 -0.07 0.00 | 26.87 0.34 0.00 | 27.26 0.14 0.00 | 27.25 0.37 0.00 | 30.64 0.28 0.00 | 28.44 0.11 0.00 | 26.20 -0.46 0.00 | 25.31 -0.84 0.00 | 27.46 -0.41 0.00 | 30.33 -0.34 0.00 | 25.88 -0.69 0.00 | 24.41 -0.73 0.00 | 24.34 -0.91 0.00 | 22.76 -0.47 0.00 | 25.08 -0.32 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 24.00 1.01 0.00 | 25.00 0.90 0.00 | 26.28 0.92 0.00 | 25.29 0.90 0.00 | 19.35 0.94 0.00 | 22.66 1.14 0.00 | 38.43 2.30 0.00 | 33.49 2.07 0.00 | 53.42 3.32 0.00 | 22.32 1.45 0.00 | 28.26 1.73 0.00 | 29.03 1.91 0.00 | 28.65 1.77 0.00 | 32.32 1.96 0.00 | 30.20 1.88 0.00 | 28.48 1.82 0.00 | 28.03 1.88 0.00 | 29.65 1.78 0.00 | 32.75 2.08 0.00 | 28.28 1.70 0.00 | 26.87 1.73 0.00 | 27.04 1.78 0.00 | 24.74 1.51 0.00 | 26.95 1.55 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 24.10 1.10 0.00 | 25.09 0.99 0.00 | 26.49 1.13 0.00 | 25.53 1.15 0.00 | 19.45 1.04 0.00 | 22.76 1.24 0.00 | 38.70 2.56 0.00 | 33.55 2.13 0.00 | 53.36 3.25 0.00 | 22.32 1.45 0.00 | 28.33 1.80 0.00 | 29.02 1.91 0.00 | 28.64 1.75 0.00 | 32.32 1.96 0.00 | 30.20 1.87 0.00 | 28.49 1.83 0.00 | 28.08 1.93 0.00 | 29.60 1.73 0.00 | 32.78 2.11 0.00 | 28.27 1.70 0.00 | 26.92 1.78 0.00 | 27.02 1.76 0.00 | 24.75 1.52 0.00 | 27.02 1.61 0.00 |
| PATROON__115KV_TB1 80586 | 23.47 0.48 0.00 | 24.54 0.44 0.00 | 25.79 0.43 0.00 | 24.77 0.39 0.00 | 18.83 0.41 0.00 | 22.07 0.54 0.00 | 37.27 1.13 0.00 | 32.43 1.01 0.00 | 51.70 1.59 0.00 | 21.39 0.51 0.00 | 27.12 0.59 0.00 | 27.77 0.65 0.00 | 27.48 0.60 0.00 | 30.99 0.62 0.00 | 28.94 0.61 0.00 | 27.40 0.74 0.00 | 27.01 0.85 0.00 | 28.67 0.79 0.00 | 31.54 0.87 0.00 | 27.36 0.79 0.00 | 25.95 0.81 0.00 | 26.16 0.91 0.00 | 23.89 0.66 0.00 | 25.96 0.55 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 23.29 0.29 0.00 | 24.63 0.53 0.00 | 25.98 0.62 0.00 | 25.18 0.79 0.00 | 18.94 0.53 0.00 | 22.58 1.06 0.00 | 37.24 1.11 0.00 | 32.90 1.49 0.00 | 52.43 2.33 0.00 | 21.83 0.96 0.00 | 28.21 1.68 0.00 | 28.60 1.48 0.00 | 28.57 1.69 0.00 | 32.18 1.82 0.00 | 29.87 1.54 0.00 | 27.63 0.97 0.00 | 26.73 0.57 0.00 | 28.93 1.06 0.00 | 32.07 1.40 0.00 | 27.39 0.82 0.00 | 25.82 0.68 0.00 | 25.75 0.50 0.00 | 23.98 0.75 0.00 | 26.37 0.96 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 24.18 1.18 0.00 | 25.21 1.11 0.00 | 26.49 1.13 0.00 | 25.50 1.11 0.00 | 19.43 1.02 0.00 | 22.83 1.31 0.00 | 38.63 2.49 0.00 | 33.74 2.32 0.00 | 53.84 3.73 0.00 | 22.38 1.51 0.00 | 28.38 1.85 0.00 | 29.12 1.99 0.00 | 28.74 1.86 0.00 | 32.44 2.07 0.00 | 30.32 2.00 0.00 | 28.63 1.97 0.00 | 28.19 2.04 0.00 | 29.96 2.08 0.00 | 33.08 2.41 0.00 | 28.57 2.00 0.00 | 27.07 1.93 0.00 | 27.25 1.99 0.00 | 24.90 1.67 0.00 | 27.04 1.63 0.00 |
| PEEKSKILL____ 23653 | 23.87 0.88 0.00 | 24.90 0.80 0.00 | 26.14 0.79 0.00 | 25.17 0.78 0.00 | 19.20 0.79 0.00 | 22.54 1.02 0.00 | 38.08 1.95 0.00 | 33.25 1.83 0.00 | 53.07 2.97 0.00 | 22.07 1.20 0.00 | 28.01 1.48 0.00 | 28.78 1.66 0.00 | 28.43 1.55 0.00 | 32.08 1.72 0.00 | 29.96 1.64 0.00 | 28.28 1.62 0.00 | 27.81 1.66 0.00 | 29.51 1.63 0.00 | 32.60 1.93 0.00 | 28.16 1.59 0.00 | 26.69 1.55 0.00 | 26.88 1.63 0.00 | 24.57 1.33 0.00 | 26.71 1.30 0.00 |
| PGE MADISON__WINDPWR 24146 | 24.75 1.75 0.00 | 26.06 1.97 0.00 | 27.46 2.10 0.00 | 26.48 2.09 0.00 | 20.05 1.64 0.00 | 23.75 2.23 0.00 | 40.07 3.93 0.00 | 35.23 3.81 0.00 | 56.52 6.42 0.00 | 23.23 2.36 0.00 | 29.47 2.94 0.00 | 30.13 3.01 0.00 | 30.08 3.19 0.00 | 33.92 3.56 0.00 | 31.76 3.43 0.00 | 29.85 3.18 0.00 | 29.38 3.22 0.00 | 31.47 3.60 0.00 | 34.80 4.13 0.00 | 30.00 3.42 0.00 | 28.41 3.28 0.00 | 28.30 3.04 0.00 | 25.98 2.74 0.00 | 28.21 2.81 0.00 |
| PIERCEFIELD____HYD 23852 | 23.05 0.06 0.00 | 24.12 0.02 0.00 | 25.42 0.06 0.00 | 24.44 0.05 0.00 | 18.26 -0.15 0.00 | 21.10 -0.42 0.00 | 35.52 -0.61 0.00 | 30.56 -0.87 0.00 | 48.71 -1.39 0.00 | 20.29 -0.58 0.00 | 25.78 -0.75 0.00 | 26.30 -0.82 0.00 | 26.11 -0.77 0.00 | 29.52 -0.84 0.00 | 27.50 -0.83 0.00 | 25.92 -0.74 0.00 | 25.42 -0.74 0.00 | 27.10 -0.78 0.00 | 29.72 -0.96 0.00 | 25.83 -0.74 0.00 | 24.39 -0.75 0.00 | 24.56 -0.69 0.00 | 22.96 -0.27 0.00 | 25.45 0.04 0.00 |
| PINELAWN_CC_1 323563 | 24.30 1.30 0.00 | 25.35 1.26 0.00 | 26.52 1.16 0.00 | 25.42 1.03 0.00 | 19.41 1.00 0.00 | 22.77 1.25 0.00 | 38.52 2.38 0.00 | 33.55 2.13 0.00 | 53.82 3.72 0.00 | 22.34 1.47 0.00 | 28.42 1.89 0.00 | 29.19 2.07 0.00 | 28.72 1.83 0.00 | 32.50 2.14 0.00 | 30.42 2.09 0.00 | 28.65 1.99 0.00 | 28.19 2.04 0.00 | 29.90 2.03 0.00 | 33.24 2.56 0.00 | 28.57 2.00 0.00 | 27.00 1.87 0.00 | 27.31 2.05 0.00 | 24.97 1.74 0.00 | 27.07 1.66 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 23.03 1.08 1.05 | 25.06 0.96 0.00 | 26.32 0.97 0.00 | 25.35 0.96 0.00 | 19.37 0.96 0.00 | 22.75 1.23 0.00 | 38.44 2.31 0.00 | 33.55 2.13 0.00 | 53.53 3.43 0.00 | 21.29 1.45 1.03 | 28.32 1.79 0.00 | 29.11 1.99 0.00 | 28.76 1.88 0.00 | 32.43 2.07 0.00 | 30.26 1.94 0.00 | 28.57 1.91 0.00 | 27.69 1.97 0.43 | 29.88 1.92 -0.09 | 32.91 2.24 0.00 | 28.40 1.83 0.00 | 26.93 1.79 0.00 | 27.10 1.84 0.00 | 24.78 1.54 0.00 | 29.85 1.53 -2.92 |
| PJM_GEN_KEystone 24065 | 22.27 0.32 1.05 | 24.48 0.38 0.00 | 25.76 0.40 0.00 | 24.87 0.48 0.00 | 18.86 0.45 0.00 | 22.28 0.76 0.00 | 37.32 1.19 0.00 | 32.74 1.32 0.00 | 52.14 2.04 0.00 | 20.60 0.75 1.03 | 27.66 1.13 0.00 | 28.29 1.16 0.00 | 28.10 1.22 0.00 | 31.69 1.33 0.00 | 29.54 1.21 0.00 | 27.64 0.98 0.00 | 26.52 0.80 0.43 | 28.93 0.96 -0.09 | 31.96 1.29 0.00 | 27.51 0.93 0.00 | 25.97 0.83 0.00 | 26.09 0.83 0.00 | 24.04 0.80 0.00 | 536.20 0.87 -509.93 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 22.99 1.04 1.05 | 25.07 0.97 0.00 | 26.29 0.93 0.00 | 25.22 0.83 0.00 | 19.25 0.84 0.00 | 22.60 1.07 0.00 | 38.16 2.03 0.00 | 33.23 1.81 0.00 | 53.17 3.07 0.00 | 21.08 1.24 1.03 | 28.15 1.62 0.00 | 28.91 1.80 0.00 | 28.50 1.61 0.00 | 32.21 1.85 0.00 | 30.11 1.78 0.00 | 28.38 1.72 0.00 | 27.50 1.78 0.43 | 29.65 1.69 -0.09 | 32.75 2.08 0.00 | 28.22 1.65 0.00 | 26.75 1.61 0.00 | 27.01 1.76 0.00 | 24.70 1.47 0.00 | 29.74 1.42 -2.92 |
| PJM_GEN_VFT_PROXY 323633 | 22.92 0.97 1.05 | 24.95 0.85 0.00 | 26.20 0.84 0.00 | 25.23 0.84 0.00 | 19.30 0.88 0.00 | 22.66 1.14 0.00 | 38.28 2.15 0.00 | 33.40 1.99 0.00 | 53.31 3.21 0.00 | 21.21 1.36 1.03 | 28.19 1.66 0.00 | 28.99 1.87 0.00 | 28.64 1.76 0.00 | 32.29 1.93 0.00 | 30.14 1.81 0.00 | 28.46 1.80 0.00 | 27.57 1.85 0.43 | 29.75 1.79 -0.09 | 32.76 2.09 0.00 | 28.28 1.70 0.00 | 26.81 1.68 0.00 | 26.99 1.73 0.00 | 24.68 1.45 0.00 | 29.77 1.45 -2.92 |
| PLATSBURG_115KV_PMLD1 355749 | 23.04 0.05 0.00 | 24.19 0.10 0.00 | 25.54 0.18 0.00 | 24.57 0.18 0.00 | 18.33 -0.08 0.00 | 21.19 -0.33 0.00 | 35.48 -0.66 0.00 | 29.94 -1.47 0.00 | 48.09 -2.01 0.00 | 20.41 -0.45 0.00 | 26.67 0.14 0.00 | 27.36 0.24 0.00 | 27.08 0.19 0.00 | 30.70 0.34 0.00 | 28.60 0.27 0.00 | 26.99 0.33 0.00 | 26.03 -0.13 0.00 | 27.40 -0.47 0.00 | 29.99 -0.68 0.00 | 26.21 -0.36 0.00 | 24.70 -0.43 0.00 | 24.90 -0.35 0.00 | 23.11 -0.12 0.00 | 26.02 0.61 0.00 |

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| PLEASANTVLY___LBMP 24000 | 23.89 0.89 0.00 | 24.92 0.82 0.00 | 26.18 0.82 0.00 | 25.19 0.80 0.00 | 19.18 0.77 0.00 | 22.51 0.99 0.00 | 38.02 1.89 0.00 | 33.19 1.77 0.00 | 52.96 2.85 0.00 | 21.99 1.12 0.00 | 27.94 1.41 0.00 | 28.68 1.56 0.00 | 28.32 1.43 0.00 | 31.94 1.58 0.00 | 29.82 1.50 0.00 | 28.18 1.52 0.00 | 27.74 1.59 0.00 | 29.45 1.58 0.00 | 32.49 1.82 0.00 | 28.09 1.52 0.00 | 26.63 1.49 0.00 | 26.83 1.58 0.00 | 24.54 1.31 0.00 | 26.66 1.26 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 23.99 0.99 0.00 | 25.01 0.91 0.00 | 26.28 0.92 0.00 | 25.28 0.89 0.00 | 19.28 0.86 0.00 | 22.64 1.12 0.00 | 38.28 2.14 0.00 | 33.41 1.99 0.00 | 53.32 3.22 0.00 | 22.18 1.30 0.00 | 28.15 1.62 0.00 | 28.90 1.78 0.00 | 28.55 1.66 0.00 | 32.22 1.86 0.00 | 30.09 1.77 0.00 | 28.42 1.76 0.00 | 27.96 1.81 0.00 | 29.65 1.78 0.00 | 32.75 2.07 0.00 | 28.30 1.73 0.00 | 26.81 1.67 0.00 | 27.02 1.77 0.00 | 24.69 1.45 0.00 | 26.82 1.42 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 23.99 0.99 0.00 | 25.01 0.91 0.00 | 26.28 0.92 0.00 | 25.28 0.89 0.00 | 19.28 0.86 0.00 | 22.64 1.12 0.00 | 38.28 2.14 0.00 | 33.41 1.99 0.00 | 53.32 3.22 0.00 | 22.18 1.30 0.00 | 28.15 1.62 0.00 | 28.90 1.78 0.00 | 28.55 1.66 0.00 | 32.22 1.86 0.00 | 30.09 1.77 0.00 | 28.42 1.76 0.00 | 27.96 1.81 0.00 | 29.65 1.78 0.00 | 32.75 2.07 0.00 | 28.30 1.73 0.00 | 26.81 1.67 0.00 | 27.02 1.77 0.00 | 24.69 1.45 0.00 | 26.82 1.42 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 24.07 1.07 0.00 | 25.10 1.00 0.00 | 26.37 1.01 0.00 | 25.38 1.00 0.00 | 19.33 0.92 0.00 | 22.68 1.16 0.00 | 38.36 2.22 0.00 | 33.49 2.07 0.00 | 53.41 3.30 0.00 | 22.17 1.30 0.00 | 28.16 1.63 0.00 | 28.88 1.76 0.00 | 28.51 1.62 0.00 | 32.15 1.79 0.00 | 30.03 1.71 0.00 | 28.39 1.73 0.00 | 27.97 1.82 0.00 | 29.74 1.86 0.00 | 32.81 2.14 0.00 | 28.36 1.78 0.00 | 26.87 1.74 0.00 | 27.06 1.80 0.00 | 24.75 1.51 0.00 | 26.87 1.46 0.00 |
| POLETTI____ 23519 | 24.07 1.08 0.00 | 25.05 0.95 0.00 | 26.31 0.95 0.00 | 25.33 0.95 0.00 | 19.36 0.95 0.00 | 22.74 1.22 0.00 | 38.41 2.28 0.00 | 33.51 2.10 0.00 | 53.49 3.38 0.00 | 22.30 1.43 0.00 | 28.29 1.76 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.39 2.02 0.00 | 30.21 1.89 0.00 | 28.51 1.85 0.00 | 28.05 1.90 0.00 | 29.71 1.83 0.00 | 32.80 2.13 0.00 | 28.32 1.75 0.00 | 26.87 1.73 0.00 | 27.03 1.78 0.00 | 24.73 1.49 0.00 | 26.90 1.49 0.00 |
| POMONA___ESR 323819 | 23.69 0.70 0.00 | 24.73 0.63 0.00 | 25.96 0.60 0.00 | 25.01 0.63 0.00 | 19.08 0.67 0.00 | 22.43 0.91 0.00 | 37.86 1.73 0.00 | 33.05 1.64 0.00 | 52.77 2.66 0.00 | 21.92 1.05 0.00 | 27.82 1.28 0.00 | 28.59 1.47 0.00 | 28.25 1.36 0.00 | 31.90 1.54 0.00 | 29.81 1.48 0.00 | 28.11 1.45 0.00 | 27.61 1.45 0.00 | 29.32 1.44 0.00 | 32.40 1.74 0.00 | 28.00 1.42 0.00 | 26.52 1.38 0.00 | 26.69 1.44 0.00 | 24.41 1.17 0.00 | 26.56 1.15 0.00 |
| PORT_JEFF_3 23555 | 24.47 1.47 0.00 | 25.44 1.34 0.00 | 26.57 1.21 0.00 | 25.39 1.00 0.00 | 19.52 1.11 0.00 | 22.80 1.28 0.00 | 38.59 2.46 0.00 | 33.34 1.92 0.00 | 53.93 3.83 0.00 | 22.45 1.58 0.00 | 28.63 2.09 0.00 | 29.46 2.33 0.00 | 28.91 2.02 0.00 | 32.70 2.34 0.00 | 30.52 2.20 0.00 | 28.64 1.98 0.00 | 28.07 1.92 0.00 | 29.91 2.03 0.00 | 33.46 2.79 0.00 | 28.65 2.07 0.00 | 26.95 1.81 0.00 | 27.25 2.00 0.00 | 24.90 1.67 0.00 | 27.02 1.61 0.00 |
| PORT_JEFF_4 23616 | 24.47 1.47 0.00 | 25.44 1.34 0.00 | 26.57 1.21 0.00 | 25.39 1.00 0.00 | 19.52 1.11 0.00 | 22.80 1.28 0.00 | 38.59 2.46 0.00 | 33.34 1.92 0.00 | 53.93 3.83 0.00 | 22.45 1.58 0.00 | 28.63 2.09 0.00 | 29.46 2.33 0.00 | 28.91 2.02 0.00 | 32.70 2.34 0.00 | 30.52 2.20 0.00 | 28.64 1.98 0.00 | 28.07 1.92 0.00 | 29.91 2.03 0.00 | 33.46 2.79 0.00 | 28.65 2.07 0.00 | 26.95 1.81 0.00 | 27.25 2.00 0.00 | 24.90 1.67 0.00 | 27.02 1.61 0.00 |
| PORT_JEFF_IC 23713 | 24.47 1.47 0.00 | 25.45 1.35 0.00 | 26.57 1.21 0.00 | 25.40 1.01 0.00 | 19.52 1.11 0.00 | 22.81 1.29 0.00 | 38.64 2.51 0.00 | 33.41 1.99 0.00 | 54.03 3.93 0.00 | 22.48 1.61 0.00 | 28.64 2.10 0.00 | 29.48 2.36 0.00 | 28.93 2.05 0.00 | 32.72 2.37 0.00 | 30.55 2.23 0.00 | 28.68 2.02 0.00 | 28.12 1.97 0.00 | 29.96 2.09 0.00 | 33.53 2.85 0.00 | 28.71 2.13 0.00 | 27.00 1.86 0.00 | 27.30 2.05 0.00 | 24.94 1.71 0.00 | 27.03 1.62 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 24.46 1.46 0.00 | 25.51 1.42 0.00 | 26.70 1.34 0.00 | 25.55 1.16 0.00 | 19.55 1.14 0.00 | 22.92 1.39 0.00 | 38.77 2.63 0.00 | 33.70 2.28 0.00 | 54.15 4.05 0.00 | 22.48 1.61 0.00 | 28.64 2.11 0.00 | 29.41 2.29 0.00 | 28.91 2.03 0.00 | 32.73 2.37 0.00 | 30.63 2.30 0.00 | 28.81 2.15 0.00 | 28.33 2.18 0.00 | 30.08 2.21 0.00 | 33.51 2.84 0.00 | 28.75 2.18 0.00 | 27.14 2.01 0.00 | 27.45 2.19 0.00 | 25.07 1.84 0.00 | 27.20 1.80 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 24.46 1.46 0.00 | 25.51 1.42 0.00 | 26.70 1.34 0.00 | 25.55 1.16 0.00 | 19.55 1.14 0.00 | 22.92 1.39 0.00 | 38.77 2.63 0.00 | 33.70 2.28 0.00 | 54.15 4.05 0.00 | 22.48 1.61 0.00 | 28.64 2.11 0.00 | 29.41 2.29 0.00 | 28.91 2.03 0.00 | 32.73 2.37 0.00 | 30.63 2.30 0.00 | 28.81 2.15 0.00 | 28.33 2.18 0.00 | 30.08 2.21 0.00 | 33.51 2.84 0.00 | 28.75 2.18 0.00 | 27.14 2.01 0.00 | 27.45 2.19 0.00 | 25.07 1.84 0.00 | 27.20 1.80 0.00 |
| PPL_SHRM_GT3 24213 | 24.42 1.42 0.00 | 25.37 1.27 0.00 | 26.47 1.11 0.00 | 25.28 0.89 0.00 | 19.46 1.05 0.00 | 22.76 1.24 0.00 | 38.52 2.38 0.00 | 33.17 1.75 0.00 | 53.71 3.61 0.00 | 22.38 1.52 0.00 | 28.45 1.92 0.00 | 29.23 2.11 0.00 | 28.66 1.78 0.00 | 32.51 2.15 0.00 | 30.39 2.06 0.00 | 28.54 1.88 0.00 | 28.09 1.93 0.00 | 29.84 1.97 0.00 | 33.37 2.70 0.00 | 28.58 2.00 0.00 | 26.93 1.79 0.00 | 27.14 1.88 0.00 | 24.80 1.57 0.00 | 26.93 1.53 0.00 |
| PPL_SHRM_GT4 24214 | 24.42 1.42 0.00 | 25.37 1.27 0.00 | 26.47 1.11 0.00 | 25.28 0.89 0.00 | 19.46 1.05 0.00 | 22.76 1.24 0.00 | 38.52 2.38 0.00 | 33.17 1.75 0.00 | 53.71 3.61 0.00 | 22.38 1.52 0.00 | 28.45 1.92 0.00 | 29.23 2.11 0.00 | 28.66 1.78 0.00 | 32.51 2.15 0.00 | 30.39 2.06 0.00 | 28.54 1.88 0.00 | 28.09 1.93 0.00 | 29.84 1.97 0.00 | 33.37 2.70 0.00 | 28.58 2.00 0.00 | 26.93 1.79 0.00 | 27.14 1.88 0.00 | 24.80 1.57 0.00 | 26.93 1.53 0.00 |
| PROJECT___ORANGE 1 24174 | 22.99 -0.01 0.00 | 24.15 0.05 0.00 | 25.41 0.05 0.00 | 24.46 0.08 0.00 | 18.44 0.03 0.00 | 21.57 0.05 0.00 | 36.06 -0.07 0.00 | 31.50 0.08 0.00 | 50.20 0.10 0.00 | 20.88 0.01 0.00 | 26.58 0.05 0.00 | 27.11 -0.01 0.00 | 26.92 0.04 0.00 | 30.40 0.04 0.00 | 28.36 0.04 0.00 | 26.61 -0.05 0.00 | 26.07 -0.08 0.00 | 27.85 -0.02 0.00 | 30.75 0.08 0.00 | 26.53 -0.04 0.00 | 25.09 -0.05 0.00 | 25.15 -0.11 0.00 | 23.15 -0.09 0.00 | 25.29 -0.12 0.00 |
| PROJECT___ORANGE 2 24166 | 22.99 -0.01 0.00 | 24.15 0.05 0.00 | 25.41 0.05 0.00 | 24.46 0.08 0.00 | 18.44 0.03 0.00 | 21.57 0.05 0.00 | 36.06 -0.07 0.00 | 31.50 0.08 0.00 | 50.20 0.10 0.00 | 20.88 0.01 0.00 | 26.58 0.05 0.00 | 27.11 -0.01 0.00 | 26.92 0.04 0.00 | 30.40 0.04 0.00 | 28.36 0.04 0.00 | 26.61 -0.05 0.00 | 26.07 -0.08 0.00 | 27.85 -0.02 0.00 | 30.75 0.08 0.00 | 26.53 -0.04 0.00 | 25.09 -0.05 0.00 | 25.15 -0.11 0.00 | 23.15 -0.09 0.00 | 25.29 -0.12 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PUCKETT___SOLAR 323809 | 23.63 0.63 0.00 | 24.85 0.75 0.00 | 26.16 0.81 0.00 | 25.26 0.87 0.00 | 19.09 0.68 0.00 | 22.48 0.96 0.00 | 37.81 1.67 0.00 | 33.16 1.74 0.00 | 53.04 2.93 0.00 | 21.87 1.00 0.00 | 27.93 1.40 0.00 | 28.51 1.39 0.00 | 28.36 1.48 0.00 | 32.00 1.64 0.00 | 29.91 1.58 0.00 | 28.02 1.36 0.00 | 27.46 1.31 0.00 | 29.41 1.53 0.00 | 32.60 1.93 0.00 | 28.10 1.53 0.00 | 26.58 1.45 0.00 | 26.61 1.36 0.00 | 24.47 1.24 0.00 | 26.68 1.27 0.00 |
| PYRITES___HYD 24023 | 23.64 0.64 0.00 | 24.73 0.63 0.00 | 26.06 0.71 0.00 | 25.07 0.68 0.00 | 18.78 0.36 0.00 | 21.77 0.25 0.00 | 36.66 0.53 0.00 | 31.56 0.14 0.00 | 50.26 0.16 0.00 | 20.80 -0.07 0.00 | 26.35 -0.18 0.00 | 26.83 -0.29 0.00 | 26.68 -0.20 0.00 | 30.14 -0.22 0.00 | 28.08 -0.24 0.00 | 26.44 -0.22 0.00 | 26.00 -0.16 0.00 | 27.69 -0.18 0.00 | 30.36 -0.31 0.00 | 26.42 -0.15 0.00 | 24.97 -0.16 0.00 | 25.05 -0.21 0.00 | 23.37 0.13 0.00 | 25.86 0.45 0.00 |
| QUAKERRD_115KV_BK1 80622 | 22.41 -0.58 0.00 | 23.61 -0.49 0.00 | 24.87 -0.49 0.00 | 24.02 -0.37 0.00 | 18.09 -0.32 0.00 | 21.36 -0.16 0.00 | 35.52 -0.62 0.00 | 31.17 -0.25 0.00 | 49.68 -0.43 0.00 | 20.67 -0.20 0.00 | 26.41 -0.12 0.00 | 26.89 -0.23 0.00 | 26.78 -0.11 0.00 | 30.24 -0.12 0.00 | 28.17 -0.16 0.00 | 26.27 -0.39 0.00 | 25.58 -0.57 0.00 | 27.53 -0.34 0.00 | 30.39 -0.28 0.00 | 26.09 -0.48 0.00 | 24.62 -0.52 0.00 | 24.61 -0.64 0.00 | 22.75 -0.48 0.00 | 24.92 -0.49 0.00 |
| QUENSBRY_115KV_TB8 356137 | 24.18 1.18 0.00 | 25.20 1.10 0.00 | 26.36 0.99 0.00 | 25.09 0.70 0.00 | 18.93 0.52 0.00 | 22.15 0.63 0.00 | 37.81 1.68 0.00 | 33.33 1.91 0.00 | 53.05 2.95 0.00 | 21.62 0.75 0.00 | 27.45 0.92 0.00 | 28.06 0.93 0.00 | 27.73 0.85 0.00 | 31.33 0.97 0.00 | 29.23 0.90 0.00 | 27.76 1.10 0.00 | 27.50 1.35 0.00 | 29.36 1.48 0.00 | 32.11 1.44 0.00 | 28.00 1.43 0.00 | 26.48 1.35 0.00 | 26.81 1.56 0.00 | 24.41 1.17 0.00 | 26.40 0.99 0.00 |
| RAMAPO___LBMP 323565 | 23.68 0.69 0.00 | 24.71 0.61 0.00 | 25.95 0.59 0.00 | 25.00 0.62 0.00 | 19.06 0.65 0.00 | 22.41 0.89 0.00 | 37.83 1.69 0.00 | 33.03 1.61 0.00 | 52.71 2.61 0.00 | 21.89 1.03 0.00 | 27.78 1.25 0.00 | 28.54 1.43 0.00 | 28.21 1.33 0.00 | 31.86 1.50 0.00 | 29.77 1.44 0.00 | 28.07 1.41 0.00 | 27.56 1.41 0.00 | 29.28 1.41 0.00 | 32.37 1.69 0.00 | 27.96 1.38 0.00 | 26.48 1.34 0.00 | 26.66 1.41 0.00 | 24.38 1.15 0.00 | 26.53 1.12 0.00 |
| RANKINE____ 23646 | 23.03 0.03 0.00 | 24.36 0.27 0.00 | 25.71 0.35 0.00 | 24.93 0.54 0.00 | 18.76 0.34 0.00 | 22.37 0.85 0.00 | 36.84 0.71 0.00 | 32.53 1.11 0.00 | 51.83 1.73 0.00 | 21.61 0.74 0.00 | 27.94 1.41 0.00 | 28.32 1.20 0.00 | 28.27 1.39 0.00 | 31.84 1.49 0.00 | 29.55 1.22 0.00 | 27.31 0.65 0.00 | 26.40 0.25 0.00 | 28.61 0.74 0.00 | 31.71 1.04 0.00 | 27.07 0.49 0.00 | 25.51 0.37 0.00 | 25.45 0.19 0.00 | 23.71 0.48 0.00 | 26.08 0.68 0.00 |
| RAVENSWOOD_GT2_1 24244 | 24.06 1.06 0.00 | 25.05 0.95 0.00 | 26.31 0.95 0.00 | 25.33 0.94 0.00 | 19.35 0.94 0.00 | 22.73 1.21 0.00 | 38.40 2.27 0.00 | 33.52 2.10 0.00 | 53.49 3.39 0.00 | 22.30 1.43 0.00 | 28.31 1.78 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.40 2.04 0.00 | 30.25 1.93 0.00 | 28.55 1.89 0.00 | 28.10 1.95 0.00 | 29.76 1.89 0.00 | 32.86 2.19 0.00 | 28.38 1.81 0.00 | 26.91 1.77 0.00 | 27.09 1.84 0.00 | 24.77 1.53 0.00 | 26.93 1.52 0.00 |
| RAVENSWOOD_GT2_2 24245 | 24.06 1.06 0.00 | 25.05 0.95 0.00 | 26.31 0.95 0.00 | 25.33 0.94 0.00 | 19.35 0.94 0.00 | 22.73 1.21 0.00 | 38.40 2.27 0.00 | 33.52 2.10 0.00 | 53.49 3.39 0.00 | 22.30 1.43 0.00 | 28.31 1.78 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.40 2.04 0.00 | 30.25 1.93 0.00 | 28.55 1.89 0.00 | 28.10 1.95 0.00 | 29.76 1.89 0.00 | 32.86 2.19 0.00 | 28.38 1.81 0.00 | 26.91 1.77 0.00 | 27.09 1.84 0.00 | 24.77 1.53 0.00 | 26.93 1.52 0.00 |
| RAVENSWOOD_GT2_3 24246 | 24.05 1.06 0.00 | 25.05 0.95 0.00 | 26.31 0.95 0.00 | 25.33 0.94 0.00 | 19.35 0.94 0.00 | 22.73 1.21 0.00 | 38.43 2.30 0.00 | 33.54 2.12 0.00 | 53.49 3.39 0.00 | 22.30 1.43 0.00 | 28.31 1.78 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.41 2.04 0.00 | 30.25 1.93 0.00 | 28.56 1.90 0.00 | 28.10 1.95 0.00 | 29.77 1.90 0.00 | 32.87 2.20 0.00 | 28.39 1.81 0.00 | 26.91 1.77 0.00 | 27.09 1.84 0.00 | 24.77 1.54 0.00 | 26.93 1.53 0.00 |
| RAVENSWOOD_GT2_4 24247 | 24.05 1.06 0.00 | 25.05 0.95 0.00 | 26.31 0.95 0.00 | 25.33 0.94 0.00 | 19.35 0.94 0.00 | 22.73 1.21 0.00 | 38.43 2.30 0.00 | 33.54 2.12 0.00 | 53.49 3.39 0.00 | 22.30 1.43 0.00 | 28.31 1.78 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.41 2.04 0.00 | 30.25 1.93 0.00 | 28.56 1.90 0.00 | 28.10 1.95 0.00 | 29.77 1.90 0.00 | 32.87 2.20 0.00 | 28.39 1.81 0.00 | 26.91 1.77 0.00 | 27.09 1.84 0.00 | 24.77 1.54 0.00 | 26.93 1.53 0.00 |
| RAVENSWOOD_GT3_1 24248 | 24.06 1.06 0.00 | 25.05 0.95 0.00 | 26.30 0.95 0.00 | 25.33 0.94 0.00 | 19.35 0.94 0.00 | 22.73 1.21 0.00 | 38.39 2.26 0.00 | 33.51 2.09 0.00 | 53.48 3.38 0.00 | 22.30 1.43 0.00 | 28.30 1.77 0.00 | 29.10 1.97 0.00 | 28.73 1.85 0.00 | 32.40 2.04 0.00 | 30.25 1.92 0.00 | 28.55 1.89 0.00 | 28.10 1.95 0.00 | 29.77 1.89 0.00 | 32.86 2.19 0.00 | 28.38 1.80 0.00 | 26.91 1.77 0.00 | 27.09 1.83 0.00 | 24.76 1.53 0.00 | 26.93 1.52 0.00 |
| RAVENSWOOD_GT3_2 24249 | 24.06 1.06 0.00 | 25.05 0.95 0.00 | 26.30 0.95 0.00 | 25.33 0.94 0.00 | 19.35 0.94 0.00 | 22.73 1.21 0.00 | 38.39 2.26 0.00 | 33.51 2.09 0.00 | 53.48 3.38 0.00 | 22.30 1.43 0.00 | 28.30 1.77 0.00 | 29.10 1.97 0.00 | 28.73 1.85 0.00 | 32.40 2.04 0.00 | 30.25 1.92 0.00 | 28.55 1.89 0.00 | 28.10 1.95 0.00 | 29.77 1.89 0.00 | 32.86 2.19 0.00 | 28.38 1.80 0.00 | 26.91 1.77 0.00 | 27.09 1.83 0.00 | 24.76 1.53 0.00 | 26.93 1.52 0.00 |
| RAVENSWOOD_GT3_3 24250 | 24.10 1.10 0.00 | 25.09 0.99 0.00 | 26.35 0.99 0.00 | 25.37 0.98 0.00 | 19.38 0.97 0.00 | 22.77 1.25 0.00 | 38.46 2.33 0.00 | 33.57 2.15 0.00 | 53.62 3.52 0.00 | 22.35 1.48 0.00 | 28.37 1.84 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.46 2.10 0.00 | 30.30 1.97 0.00 | 28.60 1.94 0.00 | 28.15 2.00 0.00 | 29.82 1.94 0.00 | 32.93 2.25 0.00 | 28.43 1.85 0.00 | 26.96 1.82 0.00 | 27.14 1.88 0.00 | 24.81 1.58 0.00 | 26.97 1.56 0.00 |
| RAVENSWOOD_GT3_4 24251 | 24.10 1.10 0.00 | 25.09 0.99 0.00 | 26.35 0.99 0.00 | 25.37 0.98 0.00 | 19.38 0.97 0.00 | 22.77 1.25 0.00 | 38.46 2.33 0.00 | 33.57 2.15 0.00 | 53.62 3.52 0.00 | 22.35 1.48 0.00 | 28.37 1.84 0.00 | 29.16 2.04 0.00 | 28.80 1.91 0.00 | 32.46 2.10 0.00 | 30.30 1.97 0.00 | 28.60 1.94 0.00 | 28.15 2.00 0.00 | 29.82 1.94 0.00 | 32.93 2.25 0.00 | 28.43 1.85 0.00 | 26.96 1.82 0.00 | 27.14 1.88 0.00 | 24.81 1.58 0.00 | 26.97 1.56 0.00 |
| RAVENSWOOD_GT_1 23729 | 24.01 1.01 0.00 | 24.99 0.89 0.00 | 26.25 0.89 0.00 | 25.26 0.88 0.00 | 19.33 0.92 0.00 | 22.68 1.15 0.00 | 38.35 2.21 0.00 | 33.47 2.05 0.00 | 53.41 3.31 0.00 | 22.33 1.46 0.00 | 28.31 1.77 0.00 | 29.10 1.98 0.00 | 28.73 1.85 0.00 | 32.38 2.02 0.00 | 30.26 1.93 0.00 | 28.56 1.90 0.00 | 28.10 1.95 0.00 | 29.71 1.84 0.00 | 32.80 2.13 0.00 | 28.35 1.78 0.00 | 26.91 1.77 0.00 | 27.10 1.84 0.00 | 24.77 1.54 0.00 | 26.94 1.53 0.00 |

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| RAVENSWOOD_GT_10 24258 | 24.06 1.06 0.00 | 25.05 0.95 0.00 | 26.31 0.95 0.00 | 25.33 0.94 0.00 | 19.35 0.94 0.00 | 22.73 1.21 0.00 | 38.39 2.26 0.00 | 33.51 2.09 0.00 | 53.49 3.38 0.00 | 22.30 1.43 0.00 | 28.31 1.78 0.00 | 29.10 1.98 0.00 | 28.74 1.85 0.00 | 32.40 2.04 0.00 | 30.25 1.93 0.00 | 28.55 1.89 0.00 | 28.10 1.95 0.00 | 29.77 1.89 0.00 | 32.86 2.19 0.00 | 28.38 1.81 0.00 | 26.91 1.77 0.00 | 27.09 1.83 0.00 | 24.76 1.53 0.00 | 26.93 1.53 0.00 |
| RAVENSWOOD_GT_11 24259 | 24.06 1.06 0.00 | 25.05 0.95 0.00 | 26.31 0.95 0.00 | 25.33 0.94 0.00 | 19.35 0.94 0.00 | 22.73 1.21 0.00 | 38.39 2.26 0.00 | 33.51 2.09 0.00 | 53.49 3.38 0.00 | 22.30 1.43 0.00 | 28.31 1.78 0.00 | 29.10 1.98 0.00 | 28.74 1.85 0.00 | 32.40 2.04 0.00 | 30.25 1.93 0.00 | 28.55 1.89 0.00 | 28.10 1.95 0.00 | 29.77 1.89 0.00 | 32.86 2.19 0.00 | 28.38 1.81 0.00 | 26.91 1.77 0.00 | 27.09 1.83 0.00 | 24.76 1.53 0.00 | 26.93 1.53 0.00 |
| RAVENSWOOD_GT_4 24252 | 24.07 1.07 0.00 | 25.06 0.96 0.00 | 26.32 0.96 0.00 | 25.34 0.95 0.00 | 19.36 0.95 0.00 | 22.74 1.22 0.00 | 38.42 2.29 0.00 | 33.53 2.10 0.00 | 53.52 3.42 0.00 | 22.30 1.43 0.00 | 28.31 1.78 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.41 2.05 0.00 | 30.25 1.93 0.00 | 28.56 1.89 0.00 | 28.11 1.96 0.00 | 29.79 1.91 0.00 | 32.88 2.21 0.00 | 28.39 1.82 0.00 | 26.91 1.77 0.00 | 27.10 1.84 0.00 | 24.77 1.54 0.00 | 26.93 1.53 0.00 |
| RAVENSWOOD_GT_5 24254 | 24.07 1.07 0.00 | 25.06 0.96 0.00 | 26.32 0.96 0.00 | 25.34 0.95 0.00 | 19.36 0.95 0.00 | 22.74 1.22 0.00 | 38.42 2.29 0.00 | 33.53 2.10 0.00 | 53.52 3.42 0.00 | 22.30 1.43 0.00 | 28.31 1.78 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.41 2.05 0.00 | 30.25 1.93 0.00 | 28.56 1.89 0.00 | 28.11 1.96 0.00 | 29.79 1.91 0.00 | 32.88 2.21 0.00 | 28.39 1.82 0.00 | 26.91 1.77 0.00 | 27.10 1.84 0.00 | 24.77 1.54 0.00 | 26.93 1.53 0.00 |
| RAVENSWOOD_GT_6 24253 | 24.07 1.07 0.00 | 25.06 0.96 0.00 | 26.32 0.96 0.00 | 25.34 0.95 0.00 | 19.36 0.95 0.00 | 22.74 1.22 0.00 | 38.42 2.29 0.00 | 33.53 2.10 0.00 | 53.52 3.42 0.00 | 22.30 1.43 0.00 | 28.31 1.78 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.41 2.05 0.00 | 30.25 1.93 0.00 | 28.56 1.89 0.00 | 28.11 1.96 0.00 | 29.79 1.91 0.00 | 32.88 2.21 0.00 | 28.39 1.82 0.00 | 26.91 1.77 0.00 | 27.10 1.84 0.00 | 24.77 1.54 0.00 | 26.93 1.53 0.00 |
| RAVENSWOOD_GT_7 24255 | 24.07 1.07 0.00 | 25.06 0.96 0.00 | 26.32 0.96 0.00 | 25.34 0.95 0.00 | 19.36 0.95 0.00 | 22.74 1.22 0.00 | 38.42 2.29 0.00 | 33.53 2.10 0.00 | 53.52 3.42 0.00 | 22.30 1.43 0.00 | 28.31 1.78 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.41 2.05 0.00 | 30.25 1.93 0.00 | 28.56 1.89 0.00 | 28.11 1.96 0.00 | 29.79 1.91 0.00 | 32.88 2.21 0.00 | 28.39 1.82 0.00 | 26.91 1.77 0.00 | 27.10 1.84 0.00 | 24.77 1.54 0.00 | 26.93 1.53 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 24.06 1.06 0.00 | 25.05 0.95 0.00 | 26.31 0.95 0.00 | 25.33 0.94 0.00 | 19.35 0.94 0.00 | 22.73 1.21 0.00 | 38.39 2.26 0.00 | 33.51 2.09 0.00 | 53.49 3.38 0.00 | 22.30 1.43 0.00 | 28.31 1.78 0.00 | 29.10 1.98 0.00 | 28.74 1.85 0.00 | 32.40 2.04 0.00 | 30.25 1.93 0.00 | 28.55 1.89 0.00 | 28.10 1.95 0.00 | 29.77 1.89 0.00 | 32.86 2.19 0.00 | 28.38 1.81 0.00 | 26.91 1.77 0.00 | 27.09 1.83 0.00 | 24.76 1.53 0.00 | 26.93 1.53 0.00 |
| RAVENSWOOD_GT_9 24257 | 24.06 1.06 0.00 | 25.05 0.95 0.00 | 26.31 0.95 0.00 | 25.33 0.94 0.00 | 19.35 0.94 0.00 | 22.73 1.21 0.00 | 38.39 2.26 0.00 | 33.51 2.09 0.00 | 53.49 3.38 0.00 | 22.30 1.43 0.00 | 28.31 1.78 0.00 | 29.10 1.98 0.00 | 28.74 1.85 0.00 | 32.40 2.04 0.00 | 30.25 1.93 0.00 | 28.55 1.89 0.00 | 28.10 1.95 0.00 | 29.77 1.89 0.00 | 32.86 2.19 0.00 | 28.38 1.81 0.00 | 26.91 1.77 0.00 | 27.09 1.83 0.00 | 24.76 1.53 0.00 | 26.93 1.53 0.00 |
| RAVENSWOOD___1 23533 | 24.01 1.01 0.00 | 24.99 0.89 0.00 | 26.25 0.89 0.00 | 25.26 0.88 0.00 | 19.33 0.92 0.00 | 22.67 1.15 0.00 | 38.34 2.21 0.00 | 33.46 2.05 0.00 | 53.41 3.31 0.00 | 22.33 1.46 0.00 | 28.30 1.77 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.38 2.02 0.00 | 30.26 1.93 0.00 | 28.57 1.91 0.00 | 28.10 1.95 0.00 | 29.70 1.83 0.00 | 32.81 2.13 0.00 | 28.35 1.78 0.00 | 26.92 1.79 0.00 | 27.10 1.84 0.00 | 24.77 1.53 0.00 | 26.94 1.53 0.00 |
| RAVENSWOOD___2 23534 | 24.01 1.01 0.00 | 24.99 0.89 0.00 | 26.25 0.89 0.00 | 25.26 0.88 0.00 | 19.33 0.92 0.00 | 22.67 1.15 0.00 | 38.34 2.21 0.00 | 33.46 2.05 0.00 | 53.41 3.31 0.00 | 22.33 1.46 0.00 | 28.30 1.77 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.38 2.02 0.00 | 30.26 1.93 0.00 | 28.57 1.91 0.00 | 28.10 1.95 0.00 | 29.70 1.83 0.00 | 32.81 2.13 0.00 | 28.35 1.78 0.00 | 26.92 1.79 0.00 | 27.10 1.84 0.00 | 24.77 1.53 0.00 | 26.94 1.53 0.00 |
| RAVENSWOOD___3 23535 | 24.06 1.06 0.00 | 25.05 0.95 0.00 | 26.30 0.94 0.00 | 25.33 0.94 0.00 | 19.35 0.94 0.00 | 22.73 1.20 0.00 | 38.40 2.27 0.00 | 33.52 2.10 0.00 | 53.49 3.39 0.00 | 22.30 1.43 0.00 | 28.30 1.77 0.00 | 29.09 1.97 0.00 | 28.74 1.86 0.00 | 32.40 2.04 0.00 | 30.24 1.92 0.00 | 28.55 1.89 0.00 | 28.10 1.94 0.00 | 29.77 1.89 0.00 | 32.87 2.19 0.00 | 28.38 1.81 0.00 | 26.92 1.78 0.00 | 27.08 1.83 0.00 | 24.77 1.53 0.00 | 26.93 1.52 0.00 |
| RAVENSWOOD___4 23820 | 24.01 1.01 0.00 | 24.99 0.89 0.00 | 26.25 0.89 0.00 | 25.26 0.88 0.00 | 19.33 0.92 0.00 | 22.67 1.15 0.00 | 38.34 2.21 0.00 | 33.46 2.05 0.00 | 53.41 3.31 0.00 | 22.33 1.46 0.00 | 28.30 1.77 0.00 | 29.10 1.98 0.00 | 28.74 1.86 0.00 | 32.38 2.02 0.00 | 30.26 1.93 0.00 | 28.57 1.91 0.00 | 28.10 1.95 0.00 | 29.70 1.83 0.00 | 32.81 2.13 0.00 | 28.35 1.78 0.00 | 26.92 1.79 0.00 | 27.10 1.84 0.00 | 24.77 1.53 0.00 | 26.94 1.53 0.00 |
| RCPL_TRUST___DRP 24196 | 24.10 1.11 0.00 | 25.09 1.00 0.00 | 26.36 1.00 0.00 | 25.38 0.99 0.00 | 19.39 0.98 0.00 | 22.78 1.26 0.00 | 38.49 2.36 0.00 | 33.60 2.18 0.00 | 53.62 3.52 0.00 | 22.35 1.48 0.00 | 28.36 1.83 0.00 | 29.16 2.04 0.00 | 28.81 1.92 0.00 | 32.48 2.12 0.00 | 30.31 1.99 0.00 | 28.61 1.95 0.00 | 28.17 2.01 0.00 | 29.84 1.97 0.00 | 32.95 2.28 0.00 | 28.44 1.86 0.00 | 26.96 1.82 0.00 | 27.13 1.87 0.00 | 24.81 1.57 0.00 | 26.98 1.57 0.00 |
| RED___ROCHESTER 323720 | 23.04 0.05 0.00 | 24.28 0.18 0.00 | 25.58 0.22 0.00 | 24.70 0.31 0.00 | 18.61 0.19 0.00 | 22.03 0.51 0.00 | 36.58 0.45 0.00 | 32.22 0.80 0.00 | 51.33 1.22 0.00 | 21.34 0.46 0.00 | 27.31 0.78 0.00 | 27.80 0.68 0.00 | 27.73 0.85 0.00 | 31.29 0.93 0.00 | 29.11 0.78 0.00 | 27.10 0.44 0.00 | 26.33 0.17 0.00 | 28.45 0.57 0.00 | 31.40 0.73 0.00 | 26.93 0.35 0.00 | 25.35 0.21 0.00 | 25.36 0.10 0.00 | 23.48 0.24 0.00 | 25.72 0.31 0.00 |
| REGAN___SOLAR 323812 | 24.53 1.54 0.00 | 25.73 1.64 0.00 | 26.93 1.57 0.00 | 25.85 1.46 0.00 | 19.53 1.12 0.00 | 23.08 1.56 0.00 | 38.50 2.36 0.00 | 33.42 2.00 0.00 | 52.32 2.22 0.00 | 20.99 0.12 0.00 | 26.66 0.13 0.00 | 27.62 0.50 0.00 | 27.64 0.76 0.00 | 32.04 1.68 0.00 | 30.09 1.77 0.00 | 28.24 1.58 0.00 | 28.03 1.88 0.00 | 30.12 2.24 0.00 | 32.91 2.23 0.00 | 28.43 1.86 0.00 | 27.04 1.90 0.00 | 27.00 1.75 0.00 | 24.96 1.72 0.00 | 27.13 1.72 0.00 |

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| RENSSELAER___COGEN 23796 | 23.34 0.35 0.00 | 24.41 0.31 0.00 | 25.66 0.30 0.00 | 24.65 0.26 0.00 | 18.73 0.32 0.00 | 21.93 0.41 0.00 | 37.05 0.92 0.00 | 32.22 0.80 0.00 | 51.32 1.22 0.00 | 21.22 0.35 0.00 | 26.90 0.37 0.00 | 27.56 0.44 0.00 | 27.26 0.38 0.00 | 30.74 0.38 0.00 | 28.71 0.38 0.00 | 27.17 0.51 0.00 | 26.79 0.64 0.00 | 28.42 0.55 0.00 | 31.27 0.60 0.00 | 27.14 0.56 0.00 | 25.75 0.62 0.00 | 25.98 0.72 0.00 | 23.72 0.49 0.00 | 25.77 0.37 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 24.77 1.77 0.00 | 25.66 1.57 0.00 | 26.83 1.48 0.00 | 25.55 1.17 0.00 | 19.42 1.01 0.00 | 23.13 1.61 0.00 | 39.43 3.29 0.00 | 34.62 3.20 0.00 | 54.88 4.77 0.00 | 22.09 1.22 0.00 | 28.15 1.62 0.00 | 28.60 1.48 0.00 | 28.23 1.35 0.00 | 31.97 1.62 0.00 | 29.77 1.44 0.00 | 28.48 1.81 0.00 | 28.63 2.47 0.00 | 30.53 2.65 0.00 | 33.03 2.36 0.00 | 29.11 2.53 0.00 | 27.55 2.41 0.00 | 27.85 2.60 0.00 | 25.29 2.06 0.00 | 27.32 1.91 0.00 |
| REVERE_CPPR_DRP 24186 | 23.88 0.88 0.00 | 25.04 0.94 0.00 | 26.34 0.99 0.00 | 25.35 0.96 0.00 | 19.16 0.75 0.00 | 22.54 1.02 0.00 | 37.87 1.74 0.00 | 33.01 1.59 0.00 | 52.72 2.61 0.00 | 21.77 0.90 0.00 | 27.57 1.04 0.00 | 28.02 0.90 0.00 | 27.79 0.91 0.00 | 31.66 1.30 0.00 | 29.60 1.28 0.00 | 27.89 1.23 0.00 | 27.51 1.35 0.00 | 29.23 1.35 0.00 | 32.17 1.49 0.00 | 27.81 1.24 0.00 | 26.36 1.22 0.00 | 26.32 1.07 0.00 | 24.21 0.97 0.00 | 26.50 1.10 0.00 |
| REYNOLDS_115KV_TB3 80639 | 23.58 0.58 0.00 | 24.63 0.53 0.00 | 25.90 0.54 0.00 | 24.86 0.48 0.00 | 18.89 0.48 0.00 | 22.14 0.62 0.00 | 37.41 1.28 0.00 | 32.57 1.16 0.00 | 51.91 1.80 0.00 | 21.46 0.58 0.00 | 27.25 0.71 0.00 | 27.89 0.77 0.00 | 27.57 0.69 0.00 | 31.09 0.73 0.00 | 29.03 0.70 0.00 | 27.47 0.81 0.00 | 27.09 0.93 0.00 | 28.74 0.86 0.00 | 31.61 0.93 0.00 | 27.43 0.86 0.00 | 26.02 0.88 0.00 | 26.26 1.01 0.00 | 23.99 0.75 0.00 | 26.08 0.68 0.00 |
| RIVERBAY____ 323610 | 24.10 1.10 0.00 | 25.09 0.99 0.00 | 26.49 1.13 0.00 | 25.53 1.15 0.00 | 19.45 1.04 0.00 | 22.76 1.24 0.00 | 38.70 2.56 0.00 | 33.55 2.13 0.00 | 53.36 3.25 0.00 | 22.32 1.45 0.00 | 28.33 1.80 0.00 | 29.02 1.91 0.00 | 28.64 1.75 0.00 | 32.32 1.96 0.00 | 30.20 1.87 0.00 | 28.49 1.83 0.00 | 28.08 1.93 0.00 | 29.60 1.73 0.00 | 32.78 2.11 0.00 | 28.27 1.70 0.00 | 26.92 1.78 0.00 | 27.02 1.76 0.00 | 24.75 1.52 0.00 | 27.02 1.61 0.00 |
| RIVERSDE_115KV_TB3 55908 | 23.47 0.48 0.00 | 24.54 0.44 0.00 | 25.79 0.43 0.00 | 24.77 0.38 0.00 | 18.82 0.41 0.00 | 22.05 0.53 0.00 | 37.26 1.13 0.00 | 32.43 1.01 0.00 | 51.59 1.49 0.00 | 21.27 0.40 0.00 | 26.99 0.46 0.00 | 27.63 0.51 0.00 | 27.34 0.45 0.00 | 30.82 0.46 0.00 | 28.78 0.46 0.00 | 27.25 0.59 0.00 | 26.87 0.71 0.00 | 28.50 0.62 0.00 | 31.35 0.67 0.00 | 27.21 0.63 0.00 | 25.81 0.67 0.00 | 26.04 0.78 0.00 | 23.78 0.55 0.00 | 25.84 0.43 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 22.91 -0.09 0.00 | 24.02 -0.08 0.00 | 25.22 -0.13 0.00 | 24.28 -0.11 0.00 | 18.30 -0.11 0.00 | 21.39 -0.13 0.00 | 35.95 -0.18 0.00 | 31.21 -0.21 0.00 | 49.81 -0.30 0.00 | 20.78 -0.09 0.00 | 26.42 -0.11 0.00 | 27.01 -0.11 0.00 | 26.78 -0.10 0.00 | 30.24 -0.12 0.00 | 28.21 -0.11 0.00 | 26.56 -0.11 0.00 | 26.03 -0.12 0.00 | 27.73 -0.14 0.00 | 30.45 -0.23 0.00 | 26.40 -0.18 0.00 | 24.90 -0.24 0.00 | 24.95 -0.30 0.00 | 22.87 -0.36 0.00 | 25.16 -0.24 0.00 |
| ROCHESRG_115KV_T4 355643 | 22.83 -0.16 0.00 | 24.06 -0.04 0.00 | 25.35 -0.01 0.00 | 24.49 0.10 0.00 | 18.44 0.03 0.00 | 21.82 0.30 0.00 | 36.19 0.05 0.00 | 31.82 0.40 0.00 | 50.72 0.61 0.00 | 21.10 0.23 0.00 | 27.02 0.49 0.00 | 27.51 0.39 0.00 | 27.43 0.54 0.00 | 30.93 0.57 0.00 | 28.78 0.45 0.00 | 26.80 0.13 0.00 | 26.03 -0.13 0.00 | 28.08 0.21 0.00 | 31.00 0.33 0.00 | 26.59 0.02 0.00 | 25.07 -0.07 0.00 | 25.06 -0.19 0.00 | 23.22 -0.01 0.00 | 25.46 0.06 0.00 |
| ROCHESTER_9_IC 23652 | 22.95 -0.04 0.00 | 24.19 0.09 0.00 | 25.48 0.12 0.00 | 24.61 0.22 0.00 | 18.54 0.12 0.00 | 21.94 0.42 0.00 | 36.41 0.28 0.00 | 32.04 0.62 0.00 | 51.06 0.96 0.00 | 21.24 0.37 0.00 | 27.18 0.65 0.00 | 27.68 0.56 0.00 | 27.60 0.72 0.00 | 31.13 0.77 0.00 | 28.96 0.63 0.00 | 26.97 0.31 0.00 | 26.20 0.05 0.00 | 28.28 0.40 0.00 | 31.22 0.54 0.00 | 26.78 0.20 0.00 | 25.23 0.09 0.00 | 25.22 -0.03 0.00 | 23.36 0.13 0.00 | 25.61 0.20 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 24.05 1.06 0.00 | 25.07 0.97 0.00 | 26.31 0.96 0.00 | 25.32 0.94 0.00 | 19.32 0.91 0.00 | 22.70 1.18 0.00 | 38.36 2.23 0.00 | 33.51 2.09 0.00 | 53.48 3.38 0.00 | 22.27 1.40 0.00 | 28.29 1.76 0.00 | 29.06 1.94 0.00 | 28.71 1.82 0.00 | 32.38 2.02 0.00 | 30.24 1.91 0.00 | 28.54 1.88 0.00 | 28.09 1.93 0.00 | 29.80 1.92 0.00 | 32.90 2.23 0.00 | 28.41 1.84 0.00 | 26.92 1.79 0.00 | 27.12 1.87 0.00 | 24.78 1.55 0.00 | 26.91 1.50 0.00 |
| ROME_____115KV_TB2 80656 | 23.88 0.88 0.00 | 25.04 0.94 0.00 | 26.34 0.99 0.00 | 25.35 0.96 0.00 | 19.16 0.75 0.00 | 22.54 1.02 0.00 | 37.87 1.74 0.00 | 33.01 1.59 0.00 | 52.72 2.61 0.00 | 21.77 0.90 0.00 | 27.57 1.04 0.00 | 28.02 0.90 0.00 | 27.79 0.91 0.00 | 31.66 1.30 0.00 | 29.60 1.28 0.00 | 27.89 1.23 0.00 | 27.51 1.35 0.00 | 29.23 1.35 0.00 | 32.17 1.49 0.00 | 27.81 1.24 0.00 | 26.36 1.22 0.00 | 26.32 1.07 0.00 | 24.21 0.97 0.00 | 26.50 1.10 0.00 |
| ROSETON___1 23587 | 23.82 0.82 0.00 | 24.86 0.76 0.00 | 26.12 0.76 0.00 | 25.14 0.75 0.00 | 19.14 0.73 0.00 | 22.45 0.93 0.00 | 37.91 1.78 0.00 | 33.09 1.68 0.00 | 52.81 2.71 0.00 | 21.94 1.07 0.00 | 27.87 1.34 0.00 | 28.60 1.48 0.00 | 28.25 1.37 0.00 | 31.88 1.52 0.00 | 29.77 1.45 0.00 | 28.11 1.45 0.00 | 27.66 1.51 0.00 | 29.36 1.49 0.00 | 32.41 1.74 0.00 | 28.01 1.44 0.00 | 26.55 1.41 0.00 | 26.75 1.49 0.00 | 24.46 1.23 0.00 | 26.59 1.19 0.00 |
| ROSETON___2 23588 | 23.82 0.82 0.00 | 24.86 0.76 0.00 | 26.12 0.76 0.00 | 25.14 0.75 0.00 | 19.14 0.73 0.00 | 22.45 0.93 0.00 | 37.91 1.78 0.00 | 33.09 1.68 0.00 | 52.81 2.71 0.00 | 21.94 1.07 0.00 | 27.87 1.34 0.00 | 28.60 1.48 0.00 | 28.25 1.37 0.00 | 31.88 1.52 0.00 | 29.77 1.45 0.00 | 28.11 1.45 0.00 | 27.66 1.51 0.00 | 29.36 1.49 0.00 | 32.41 1.74 0.00 | 28.01 1.44 0.00 | 26.55 1.41 0.00 | 26.75 1.49 0.00 | 24.46 1.23 0.00 | 26.59 1.19 0.00 |
| ROTTDRAM_115KV_TB3 80664 | 23.78 0.78 0.00 | 24.89 0.79 0.00 | 26.15 0.79 0.00 | 25.11 0.72 0.00 | 19.04 0.62 0.00 | 22.27 0.75 0.00 | 37.58 1.45 0.00 | 32.78 1.36 0.00 | 52.26 2.16 0.00 | 21.60 0.73 0.00 | 27.41 0.88 0.00 | 28.04 0.92 0.00 | 27.74 0.85 0.00 | 31.34 0.98 0.00 | 29.27 0.95 0.00 | 27.67 1.01 0.00 | 27.27 1.12 0.00 | 29.00 1.13 0.00 | 31.90 1.23 0.00 | 27.66 1.08 0.00 | 26.21 1.07 0.00 | 26.39 1.14 0.00 | 24.16 0.92 0.00 | 26.30 0.89 0.00 |
| RUSSELL___1 23602 | 23.04 0.05 0.00 | 24.28 0.18 0.00 | 25.58 0.22 0.00 | 24.70 0.31 0.00 | 18.61 0.19 0.00 | 22.03 0.51 0.00 | 36.58 0.45 0.00 | 32.21 0.79 0.00 | 51.33 1.22 0.00 | 21.34 0.46 0.00 | 27.31 0.78 0.00 | 27.80 0.68 0.00 | 27.73 0.85 0.00 | 31.29 0.93 0.00 | 29.11 0.78 0.00 | 27.11 0.45 0.00 | 26.33 0.18 0.00 | 28.44 0.57 0.00 | 31.40 0.73 0.00 | 26.93 0.35 0.00 | 25.37 0.23 0.00 | 25.36 0.10 0.00 | 23.48 0.24 0.00 | 25.71 0.30 0.00 |

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| RUSSELL___2 23532 | 23.04 0.05 0.00 | 24.28 0.18 0.00 | 25.58 0.22 0.00 | 24.70 0.31 0.00 | 18.61 0.19 0.00 | 22.03 0.51 0.00 | 36.58 0.45 0.00 | 32.21 0.79 0.00 | 51.33 1.22 0.00 | 21.34 0.46 0.00 | 27.31 0.78 0.00 | 27.80 0.68 0.00 | 27.73 0.85 0.00 | 31.29 0.93 0.00 | 29.11 0.78 0.00 | 27.11 0.45 0.00 | 26.33 0.18 0.00 | 28.44 0.57 0.00 | 31.40 0.73 0.00 | 26.93 0.35 0.00 | 25.37 0.23 0.00 | 25.36 0.10 0.00 | 23.48 0.24 0.00 | 25.71 0.30 0.00 |
| RUSSELL___3 23549 | 23.04 0.05 0.00 | 24.28 0.18 0.00 | 25.58 0.22 0.00 | 24.70 0.31 0.00 | 18.61 0.19 0.00 | 22.03 0.51 0.00 | 36.58 0.45 0.00 | 32.21 0.79 0.00 | 51.33 1.22 0.00 | 21.34 0.46 0.00 | 27.31 0.78 0.00 | 27.80 0.68 0.00 | 27.73 0.85 0.00 | 31.29 0.93 0.00 | 29.11 0.78 0.00 | 27.11 0.45 0.00 | 26.33 0.18 0.00 | 28.44 0.57 0.00 | 31.40 0.73 0.00 | 26.93 0.35 0.00 | 25.37 0.23 0.00 | 25.36 0.10 0.00 | 23.48 0.24 0.00 | 25.71 0.30 0.00 |
| RUSSELL___4 23556 | 23.04 0.05 0.00 | 24.28 0.18 0.00 | 25.58 0.22 0.00 | 24.70 0.31 0.00 | 18.61 0.19 0.00 | 22.03 0.51 0.00 | 36.58 0.45 0.00 | 32.21 0.79 0.00 | 51.33 1.22 0.00 | 21.34 0.46 0.00 | 27.31 0.78 0.00 | 27.80 0.68 0.00 | 27.73 0.85 0.00 | 31.29 0.93 0.00 | 29.11 0.78 0.00 | 27.11 0.45 0.00 | 26.33 0.18 0.00 | 28.44 0.57 0.00 | 31.40 0.73 0.00 | 26.93 0.35 0.00 | 25.37 0.23 0.00 | 25.36 0.10 0.00 | 23.48 0.24 0.00 | 25.71 0.30 0.00 |
| RUSSELL___STATION 23914 | 23.04 0.05 0.00 | 24.28 0.18 0.00 | 25.58 0.22 0.00 | 24.70 0.31 0.00 | 18.61 0.19 0.00 | 22.03 0.51 0.00 | 36.58 0.45 0.00 | 32.21 0.79 0.00 | 51.33 1.22 0.00 | 21.34 0.46 0.00 | 27.31 0.78 0.00 | 27.80 0.68 0.00 | 27.73 0.85 0.00 | 31.29 0.93 0.00 | 29.11 0.78 0.00 | 27.11 0.45 0.00 | 26.33 0.18 0.00 | 28.44 0.57 0.00 | 31.40 0.73 0.00 | 26.93 0.35 0.00 | 25.37 0.23 0.00 | 25.36 0.10 0.00 | 23.48 0.24 0.00 | 25.71 0.30 0.00 |
| S SALMON___HYD 24043 | 22.95 -0.04 0.00 | 24.06 -0.04 0.00 | 25.32 -0.04 0.00 | 24.37 -0.01 0.00 | 18.39 -0.02 0.00 | 21.55 0.03 0.00 | 36.15 0.02 0.00 | 31.53 0.11 0.00 | 50.10 0.00 0.00 | 20.73 -0.14 0.00 | 26.20 -0.33 0.00 | 26.76 -0.36 0.00 | 26.64 -0.24 0.00 | 30.13 -0.23 0.00 | 28.06 -0.27 0.00 | 26.33 -0.33 0.00 | 25.82 -0.34 0.00 | 27.64 -0.23 0.00 | 30.47 -0.20 0.00 | 26.33 -0.25 0.00 | 24.86 -0.27 0.00 | 24.96 -0.29 0.00 | 23.05 -0.19 0.00 | 25.23 -0.18 0.00 |
| S.PERRY___115KV_TB1 80734 | 23.74 0.74 0.00 | 25.03 0.94 0.00 | 26.40 1.04 0.00 | 25.48 1.09 0.00 | 19.09 0.68 0.00 | 22.53 1.01 0.00 | 36.48 0.34 0.00 | 32.60 1.18 0.00 | 51.98 1.88 0.00 | 21.50 0.63 0.00 | 27.54 1.01 0.00 | 27.98 0.86 0.00 | 27.92 1.04 0.00 | 31.42 1.06 0.00 | 29.55 1.22 0.00 | 27.47 0.81 0.00 | 26.61 0.45 0.00 | 28.90 1.03 0.00 | 32.08 1.41 0.00 | 27.51 0.93 0.00 | 25.85 0.71 0.00 | 25.88 0.63 0.00 | 23.84 0.60 0.00 | 26.62 1.21 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 22.75 -0.25 0.00 | 24.06 -0.04 0.00 | 25.39 0.03 0.00 | 24.61 0.22 0.00 | 18.51 0.10 0.00 | 22.07 0.55 0.00 | 36.25 0.12 0.00 | 31.99 0.57 0.00 | 51.00 0.89 0.00 | 21.29 0.42 0.00 | 27.51 0.98 0.00 | 27.90 0.78 0.00 | 27.87 0.99 0.00 | 31.38 1.02 0.00 | 29.12 0.79 0.00 | 26.89 0.23 0.00 | 25.98 -0.17 0.00 | 28.17 0.30 0.00 | 31.17 0.50 0.00 | 26.61 0.04 0.00 | 25.08 -0.06 0.00 | 25.01 -0.24 0.00 | 23.34 0.11 0.00 | 25.69 0.28 0.00 |
| SAWYER___23_KV_LOAD 55526 | 22.75 -0.25 0.00 | 24.06 -0.04 0.00 | 25.39 0.03 0.00 | 24.61 0.22 0.00 | 18.51 0.10 0.00 | 22.07 0.55 0.00 | 36.25 0.12 0.00 | 31.99 0.57 0.00 | 51.00 0.89 0.00 | 21.29 0.42 0.00 | 27.51 0.98 0.00 | 27.90 0.78 0.00 | 27.87 0.99 0.00 | 31.38 1.02 0.00 | 29.12 0.79 0.00 | 26.89 0.23 0.00 | 25.98 -0.17 0.00 | 28.17 0.30 0.00 | 31.17 0.50 0.00 | 26.61 0.04 0.00 | 25.08 -0.06 0.00 | 25.01 -0.24 0.00 | 23.34 0.11 0.00 | 25.69 0.28 0.00 |
| SELKIRK___I 23801 | 23.63 0.64 0.00 | 24.75 0.66 0.00 | 26.02 0.66 0.00 | 25.02 0.63 0.00 | 18.99 0.57 0.00 | 22.22 0.70 0.00 | 37.50 1.36 0.00 | 32.66 1.24 0.00 | 52.01 1.90 0.00 | 21.52 0.65 0.00 | 27.29 0.76 0.00 | 27.95 0.83 0.00 | 27.66 0.78 0.00 | 31.17 0.81 0.00 | 29.10 0.78 0.00 | 27.53 0.87 0.00 | 27.15 1.00 0.00 | 28.84 0.97 0.00 | 31.73 1.06 0.00 | 27.52 0.95 0.00 | 26.10 0.96 0.00 | 26.30 1.05 0.00 | 24.07 0.84 0.00 | 26.18 0.77 0.00 |
| SELKIRK___II 23799 | 23.47 0.48 0.00 | 24.56 0.46 0.00 | 25.82 0.47 0.00 | 24.81 0.43 0.00 | 18.84 0.43 0.00 | 22.05 0.53 0.00 | 37.21 1.08 0.00 | 32.42 1.00 0.00 | 51.67 1.57 0.00 | 21.40 0.53 0.00 | 27.13 0.61 0.00 | 27.79 0.67 0.00 | 27.50 0.62 0.00 | 31.01 0.65 0.00 | 28.95 0.62 0.00 | 27.38 0.72 0.00 | 26.98 0.83 0.00 | 28.65 0.78 0.00 | 31.53 0.86 0.00 | 27.35 0.78 0.00 | 25.93 0.79 0.00 | 26.14 0.88 0.00 | 23.91 0.67 0.00 | 26.00 0.59 0.00 |
| SENECA OSWGO___HYD 24041 | 22.82 -0.18 0.00 | 23.95 -0.14 0.00 | 25.20 -0.16 0.00 | 24.25 -0.14 0.00 | 18.28 -0.13 0.00 | 21.37 -0.15 0.00 | 35.70 -0.43 0.00 | 31.13 -0.28 0.00 | 49.57 -0.54 0.00 | 20.65 -0.22 0.00 | 26.26 -0.27 0.00 | 26.79 -0.33 0.00 | 26.59 -0.30 0.00 | 30.04 -0.33 0.00 | 28.00 -0.33 0.00 | 26.26 -0.40 0.00 | 25.76 -0.39 0.00 | 27.49 -0.38 0.00 | 30.29 -0.38 0.00 | 26.17 -0.40 0.00 | 24.77 -0.37 0.00 | 24.84 -0.42 0.00 | 22.90 -0.34 0.00 | 25.05 -0.35 0.00 |
| SENECA___115KV_TB3 355854 | 23.07 0.07 0.00 | 24.41 0.31 0.00 | 25.75 0.39 0.00 | 24.96 0.57 0.00 | 18.78 0.37 0.00 | 22.40 0.88 0.00 | 36.90 0.76 0.00 | 32.58 1.16 0.00 | 51.91 1.81 0.00 | 21.65 0.77 0.00 | 27.98 1.45 0.00 | 28.37 1.25 0.00 | 28.32 1.44 0.00 | 31.90 1.54 0.00 | 29.60 1.28 0.00 | 27.36 0.70 0.00 | 26.45 0.30 0.00 | 28.67 0.79 0.00 | 31.77 1.09 0.00 | 27.11 0.54 0.00 | 25.55 0.42 0.00 | 25.49 0.24 0.00 | 23.75 0.52 0.00 | 26.13 0.72 0.00 |
| SENECA___ENERGY 23797 | 23.05 0.06 0.00 | 24.30 0.20 0.00 | 25.59 0.22 0.00 | 24.69 0.30 0.00 | 18.64 0.23 0.00 | 21.99 0.47 0.00 | 36.79 0.66 0.00 | 32.25 0.83 0.00 | 51.41 1.31 0.00 | 21.31 0.44 0.00 | 27.15 0.62 0.00 | 27.64 0.51 0.00 | 27.46 0.58 0.00 | 31.07 0.71 0.00 | 29.00 0.67 0.00 | 27.13 0.47 0.00 | 26.44 0.29 0.00 | 28.41 0.53 0.00 | 31.52 0.84 0.00 | 27.11 0.53 0.00 | 25.59 0.45 0.00 | 25.62 0.37 0.00 | 23.57 0.34 0.00 | 25.73 0.32 0.00 |
| SHOEMAKER___GT 23640 | 23.71 0.72 0.00 | 24.77 0.68 0.00 | 26.03 0.67 0.00 | 25.07 0.68 0.00 | 19.06 0.64 0.00 | 22.35 0.83 0.00 | 37.74 1.61 0.00 | 32.96 1.54 0.00 | 52.55 2.45 0.00 | 21.81 0.94 0.00 | 27.65 1.12 0.00 | 28.38 1.26 0.00 | 28.06 1.18 0.00 | 31.70 1.34 0.00 | 29.66 1.33 0.00 | 27.97 1.30 0.00 | 27.45 1.30 0.00 | 29.20 1.32 0.00 | 32.25 1.58 0.00 | 27.87 1.30 0.00 | 26.39 1.25 0.00 | 26.59 1.34 0.00 | 24.33 1.10 0.00 | 26.45 1.05 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 23.69 0.70 0.00 | 24.75 0.66 0.00 | 26.01 0.65 0.00 | 25.05 0.66 0.00 | 19.04 0.63 0.00 | 22.34 0.82 0.00 | 37.70 1.57 0.00 | 32.92 1.50 0.00 | 52.50 2.40 0.00 | 21.79 0.92 0.00 | 27.65 1.12 0.00 | 28.37 1.25 0.00 | 28.05 1.16 0.00 | 31.68 1.32 0.00 | 29.63 1.30 0.00 | 27.94 1.28 0.00 | 27.44 1.29 0.00 | 29.19 1.31 0.00 | 32.22 1.55 0.00 | 27.85 1.28 0.00 | 26.36 1.22 0.00 | 26.56 1.31 0.00 | 24.31 1.07 0.00 | 26.44 1.04 0.00 |

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| SHOREHAM_IC_1 23715 | 24.42 1.42 0.00 | 25.37 1.27 0.00 | 26.47 1.11 0.00 | 25.28 0.89 0.00 | 19.46 1.05 0.00 | 22.76 1.24 0.00 | 38.52 2.38 0.00 | 33.17 1.75 0.00 | 53.71 3.61 0.00 | 22.38 1.52 0.00 | 28.45 1.92 0.00 | 29.23 2.11 0.00 | 28.66 1.78 0.00 | 32.51 2.15 0.00 | 30.39 2.06 0.00 | 28.54 1.88 0.00 | 28.09 1.93 0.00 | 29.84 1.97 0.00 | 33.37 2.70 0.00 | 28.58 2.00 0.00 | 26.93 1.79 0.00 | 27.14 1.88 0.00 | 24.80 1.57 0.00 | 26.93 1.53 0.00 |
| SHOREHAM_IC_2 23716 | 24.42 1.42 0.00 | 25.37 1.27 0.00 | 26.47 1.11 0.00 | 25.28 0.89 0.00 | 19.46 1.05 0.00 | 22.76 1.24 0.00 | 38.52 2.38 0.00 | 33.17 1.75 0.00 | 53.71 3.61 0.00 | 22.38 1.52 0.00 | 28.45 1.92 0.00 | 29.23 2.11 0.00 | 28.66 1.78 0.00 | 32.51 2.15 0.00 | 30.39 2.06 0.00 | 28.54 1.88 0.00 | 28.09 1.93 0.00 | 29.84 1.97 0.00 | 33.37 2.70 0.00 | 28.58 2.00 0.00 | 26.93 1.79 0.00 | 27.14 1.88 0.00 | 24.80 1.57 0.00 | 26.93 1.53 0.00 |
| SISSONVILLE____ 23735 | 23.05 0.06 0.00 | 24.12 0.02 0.00 | 25.42 0.06 0.00 | 24.44 0.05 0.00 | 18.26 -0.15 0.00 | 21.10 -0.42 0.00 | 35.52 -0.61 0.00 | 30.56 -0.87 0.00 | 48.71 -1.39 0.00 | 20.29 -0.58 0.00 | 25.78 -0.75 0.00 | 26.30 -0.82 0.00 | 26.11 -0.77 0.00 | 29.52 -0.84 0.00 | 27.50 -0.83 0.00 | 25.92 -0.74 0.00 | 25.42 -0.74 0.00 | 27.10 -0.78 0.00 | 29.72 -0.96 0.00 | 25.83 -0.74 0.00 | 24.39 -0.75 0.00 | 24.56 -0.69 0.00 | 22.96 -0.27 0.00 | 25.45 0.04 0.00 |
| SITHE_IND_GS1 24169 | 22.49 -0.51 0.00 | 23.61 -0.49 0.00 | 24.84 -0.52 0.00 | 23.90 -0.49 0.00 | 17.99 -0.42 0.00 | 21.01 -0.52 0.00 | 35.05 -1.08 0.00 | 30.54 -0.87 0.00 | 48.68 -1.43 0.00 | 20.29 -0.58 0.00 | 25.78 -0.75 0.00 | 26.31 -0.81 0.00 | 26.12 -0.77 0.00 | 29.49 -0.87 0.00 | 27.51 -0.81 0.00 | 25.83 -0.84 0.00 | 25.31 -0.85 0.00 | 27.03 -0.85 0.00 | 29.78 -0.89 0.00 | 25.74 -0.84 0.00 | 24.36 -0.78 0.00 | 24.43 -0.82 0.00 | 22.51 -0.72 0.00 | 24.64 -0.77 0.00 |
| SITHE_IND_GS2 24170 | 22.49 -0.51 0.00 | 23.61 -0.49 0.00 | 24.84 -0.52 0.00 | 23.90 -0.49 0.00 | 17.99 -0.42 0.00 | 21.01 -0.52 0.00 | 35.05 -1.08 0.00 | 30.54 -0.87 0.00 | 48.68 -1.43 0.00 | 20.29 -0.58 0.00 | 25.78 -0.75 0.00 | 26.31 -0.81 0.00 | 26.12 -0.77 0.00 | 29.49 -0.87 0.00 | 27.51 -0.81 0.00 | 25.83 -0.84 0.00 | 25.31 -0.85 0.00 | 27.03 -0.85 0.00 | 29.78 -0.89 0.00 | 25.74 -0.84 0.00 | 24.36 -0.78 0.00 | 24.43 -0.82 0.00 | 22.51 -0.72 0.00 | 24.64 -0.77 0.00 |
| SITHE_IND_GS3 24171 | 22.49 -0.51 0.00 | 23.61 -0.49 0.00 | 24.84 -0.52 0.00 | 23.90 -0.49 0.00 | 17.99 -0.42 0.00 | 21.01 -0.52 0.00 | 35.05 -1.08 0.00 | 30.54 -0.87 0.00 | 48.68 -1.43 0.00 | 20.29 -0.58 0.00 | 25.78 -0.75 0.00 | 26.31 -0.81 0.00 | 26.12 -0.77 0.00 | 29.49 -0.87 0.00 | 27.51 -0.81 0.00 | 25.83 -0.84 0.00 | 25.31 -0.85 0.00 | 27.03 -0.85 0.00 | 29.78 -0.89 0.00 | 25.74 -0.84 0.00 | 24.36 -0.78 0.00 | 24.43 -0.82 0.00 | 22.51 -0.72 0.00 | 24.64 -0.77 0.00 |
| SITHE_IND_GS4 24172 | 22.49 -0.51 0.00 | 23.61 -0.49 0.00 | 24.84 -0.52 0.00 | 23.90 -0.49 0.00 | 17.99 -0.42 0.00 | 21.01 -0.52 0.00 | 35.05 -1.08 0.00 | 30.54 -0.87 0.00 | 48.68 -1.43 0.00 | 20.29 -0.58 0.00 | 25.78 -0.75 0.00 | 26.31 -0.81 0.00 | 26.12 -0.77 0.00 | 29.49 -0.87 0.00 | 27.51 -0.81 0.00 | 25.83 -0.84 0.00 | 25.31 -0.85 0.00 | 27.03 -0.85 0.00 | 29.78 -0.89 0.00 | 25.74 -0.84 0.00 | 24.36 -0.78 0.00 | 24.43 -0.82 0.00 | 22.51 -0.72 0.00 | 24.64 -0.77 0.00 |
| SITHE____BATAVIA 24024 | 23.23 0.23 0.00 | 24.53 0.43 0.00 | 25.86 0.50 0.00 | 25.02 0.63 0.00 | 18.86 0.45 0.00 | 22.48 0.96 0.00 | 37.09 0.96 0.00 | 32.71 1.29 0.00 | 52.09 1.98 0.00 | 21.66 0.79 0.00 | 27.85 1.33 0.00 | 28.26 1.14 0.00 | 28.26 1.37 0.00 | 31.79 1.43 0.00 | 29.59 1.26 0.00 | 27.42 0.76 0.00 | 26.61 0.46 0.00 | 28.80 0.93 0.00 | 31.80 1.13 0.00 | 27.19 0.61 0.00 | 25.62 0.49 0.00 | 25.55 0.30 0.00 | 23.84 0.60 0.00 | 26.22 0.82 0.00 |
| SITHE____INDEPEND 23800 | 22.49 -0.51 0.00 | 23.61 -0.49 0.00 | 24.84 -0.52 0.00 | 23.90 -0.49 0.00 | 17.99 -0.42 0.00 | 21.00 -0.52 0.00 | 35.05 -1.08 0.00 | 30.54 -0.87 0.00 | 48.68 -1.43 0.00 | 20.29 -0.58 0.00 | 25.77 -0.75 0.00 | 26.31 -0.81 0.00 | 26.12 -0.77 0.00 | 29.49 -0.87 0.00 | 27.51 -0.81 0.00 | 25.83 -0.83 0.00 | 25.31 -0.85 0.00 | 27.02 -0.85 0.00 | 29.78 -0.89 0.00 | 25.74 -0.84 0.00 | 24.36 -0.78 0.00 | 24.44 -0.82 0.00 | 22.51 -0.72 0.00 | 24.64 -0.77 0.00 |
| SITHE____MASSENA 23902 | 23.03 0.03 0.00 | 24.10 0.00 0.00 | 25.40 0.04 0.00 | 24.42 0.03 0.00 | 18.33 -0.08 0.00 | 21.35 -0.17 0.00 | 35.85 -0.28 0.00 | 30.98 -0.44 0.00 | 49.46 -0.65 0.00 | 20.69 -0.18 0.00 | 26.34 -0.19 0.00 | 26.89 -0.23 0.00 | 26.69 -0.20 0.00 | 30.16 -0.20 0.00 | 28.08 -0.24 0.00 | 26.44 -0.23 0.00 | 25.91 -0.25 0.00 | 27.61 -0.26 0.00 | 30.30 -0.37 0.00 | 26.32 -0.26 0.00 | 24.85 -0.29 0.00 | 24.93 -0.32 0.00 | 23.13 -0.11 0.00 | 25.49 0.09 0.00 |
| SITHE____OGDNSBRG 24021 | 23.85 0.85 0.00 | 24.95 0.85 0.00 | 26.29 0.94 0.00 | 25.29 0.90 0.00 | 18.95 0.53 0.00 | 22.00 0.48 0.00 | 37.12 0.99 0.00 | 32.01 0.59 0.00 | 50.95 0.84 0.00 | 20.95 0.08 0.00 | 26.48 -0.05 0.00 | 27.00 -0.12 0.00 | 26.88 -0.01 0.00 | 30.31 -0.05 0.00 | 28.27 -0.06 0.00 | 26.54 -0.12 0.00 | 26.07 -0.09 0.00 | 27.83 -0.05 0.00 | 30.54 -0.13 0.00 | 26.57 -0.01 0.00 | 25.08 -0.06 0.00 | 25.16 -0.10 0.00 | 23.40 0.17 0.00 | 25.83 0.42 0.00 |
| SITHE____STERLING 23777 | 23.74 0.75 0.00 | 24.91 0.81 0.00 | 26.20 0.84 0.00 | 25.21 0.82 0.00 | 19.05 0.64 0.00 | 22.40 0.88 0.00 | 37.63 1.50 0.00 | 32.80 1.38 0.00 | 52.35 2.25 0.00 | 21.66 0.79 0.00 | 27.50 0.97 0.00 | 27.95 0.83 0.00 | 27.72 0.84 0.00 | 31.50 1.13 0.00 | 29.45 1.12 0.00 | 27.74 1.08 0.00 | 27.33 1.18 0.00 | 29.08 1.20 0.00 | 31.98 1.31 0.00 | 27.65 1.07 0.00 | 26.20 1.06 0.00 | 26.19 0.94 0.00 | 24.08 0.85 0.00 | 26.33 0.92 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 22.90 -0.09 0.00 | 24.12 0.02 0.00 | 25.37 0.01 0.00 | 24.51 0.13 0.00 | 18.49 0.07 0.00 | 21.81 0.29 0.00 | 36.41 0.27 0.00 | 31.95 0.53 0.00 | 50.86 0.76 0.00 | 21.14 0.27 0.00 | 26.96 0.43 0.00 | 27.45 0.34 0.00 | 27.34 0.45 0.00 | 30.87 0.50 0.00 | 28.77 0.45 0.00 | 26.87 0.21 0.00 | 26.20 0.05 0.00 | 28.18 0.30 0.00 | 31.15 0.48 0.00 | 26.74 0.17 0.00 | 25.25 0.11 0.00 | 25.24 -0.02 0.00 | 23.29 0.05 0.00 | 25.44 0.04 0.00 |
| SOUTH CAIRO____GT 23612 | 24.18 1.19 0.00 | 25.32 1.22 0.00 | 26.59 1.23 0.00 | 25.56 1.17 0.00 | 19.40 0.99 0.00 | 22.79 1.27 0.00 | 38.74 2.60 0.00 | 33.86 2.44 0.00 | 53.80 3.69 0.00 | 22.11 1.24 0.00 | 27.65 1.12 0.00 | 28.42 1.30 0.00 | 28.24 1.35 0.00 | 31.82 1.46 0.00 | 29.73 1.41 0.00 | 28.13 1.47 0.00 | 27.90 1.75 0.00 | 29.77 1.90 0.00 | 32.80 2.13 0.00 | 28.43 1.86 0.00 | 26.96 1.82 0.00 | 27.16 1.91 0.00 | 24.76 1.53 0.00 | 26.79 1.39 0.00 |
| SOUTH HAMPTN____IC 23720 | 24.75 1.75 0.00 | 25.73 1.63 0.00 | 26.84 1.48 0.00 | 25.65 1.26 0.00 | 19.75 1.34 0.00 | 23.11 1.59 0.00 | 39.29 3.16 0.00 | 33.97 2.55 0.00 | 54.99 4.89 0.00 | 22.85 1.98 0.00 | 29.01 2.48 0.00 | 29.84 2.71 0.00 | 29.24 2.35 0.00 | 33.09 2.73 0.00 | 30.98 2.66 0.00 | 29.11 2.45 0.00 | 28.57 2.42 0.00 | 30.47 2.59 0.00 | 34.18 3.51 0.00 | 29.22 2.64 0.00 | 27.46 2.32 0.00 | 27.73 2.48 0.00 | 25.29 2.06 0.00 | 27.36 1.95 0.00 |

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| SOUTHDOW_115KV_TB1 355954 | 24.01 1.01 0.00 | 25.44 1.34 0.00 | 26.87 1.51 0.00 | 26.04 1.65 0.00 | 19.61 1.20 0.00 | 23.42 1.90 0.00 | 38.92 2.78 0.00 | 34.48 3.06 0.00 | 54.95 4.85 0.00 | 22.81 1.94 0.00 | 29.54 3.01 0.00 | 29.89 2.77 0.00 | 29.72 2.84 0.00 | 33.61 3.25 0.00 | 31.20 2.87 0.00 | 28.90 2.24 0.00 | 27.94 1.78 0.00 | 30.19 2.31 0.00 | 33.55 2.88 0.00 | 28.54 1.97 0.00 | 26.92 1.78 0.00 | 26.94 1.69 0.00 | 25.03 1.80 0.00 | 27.50 2.10 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 24.99 1.99 0.00 | 25.97 1.87 0.00 | 27.09 1.73 0.00 | 25.90 1.51 0.00 | 19.94 1.53 0.00 | 23.35 1.83 0.00 | 39.82 3.68 0.00 | 34.44 3.02 0.00 | 55.79 5.69 0.00 | 23.10 2.23 0.00 | 29.38 2.84 0.00 | 30.15 3.03 0.00 | 29.56 2.68 0.00 | 33.48 3.12 0.00 | 31.32 3.00 0.00 | 29.43 2.77 0.00 | 28.89 2.73 0.00 | 30.96 3.08 0.00 | 34.66 3.99 0.00 | 29.61 3.04 0.00 | 27.76 2.63 0.00 | 28.08 2.83 0.00 | 25.59 2.35 0.00 | 27.62 2.22 0.00 |
| SOUTHOLD___IC 23719 | 24.99 1.99 0.00 | 25.97 1.87 0.00 | 27.09 1.73 0.00 | 25.90 1.52 0.00 | 19.94 1.53 0.00 | 23.35 1.82 0.00 | 39.76 3.63 0.00 | 34.43 3.01 0.00 | 55.79 5.69 0.00 | 23.12 2.25 0.00 | 29.34 2.81 0.00 | 30.15 3.03 0.00 | 29.56 2.68 0.00 | 33.48 3.12 0.00 | 31.32 3.00 0.00 | 29.44 2.78 0.00 | 28.89 2.74 0.00 | 30.86 2.98 0.00 | 34.66 3.99 0.00 | 29.61 3.04 0.00 | 27.81 2.67 0.00 | 28.08 2.83 0.00 | 25.58 2.35 0.00 | 27.63 2.23 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 24.05 1.06 0.00 | 25.10 1.00 0.00 | 26.24 0.88 0.00 | 24.98 0.59 0.00 | 18.83 0.42 0.00 | 21.97 0.45 0.00 | 37.33 1.19 0.00 | 32.84 1.42 0.00 | 52.29 2.19 0.00 | 21.38 0.51 0.00 | 27.13 0.60 0.00 | 27.75 0.63 0.00 | 27.44 0.55 0.00 | 31.00 0.63 0.00 | 28.90 0.58 0.00 | 27.41 0.75 0.00 | 27.10 0.95 0.00 | 28.91 1.04 0.00 | 31.70 1.03 0.00 | 27.58 1.01 0.00 | 26.11 0.97 0.00 | 26.43 1.17 0.00 | 24.08 0.84 0.00 | 26.07 0.66 0.00 |
| ST LAWRENCE____ 23600 | 22.78 -0.22 0.00 | 23.84 -0.26 0.00 | 25.12 -0.23 0.00 | 24.15 -0.24 0.00 | 18.15 -0.26 0.00 | 21.15 -0.37 0.00 | 35.52 -0.61 0.00 | 30.71 -0.71 0.00 | 49.05 -1.06 0.00 | 20.53 -0.34 0.00 | 26.14 -0.38 0.00 | 26.71 -0.41 0.00 | 26.49 -0.39 0.00 | 29.93 -0.43 0.00 | 27.87 -0.45 0.00 | 26.23 -0.43 0.00 | 25.68 -0.47 0.00 | 27.38 -0.49 0.00 | 30.05 -0.63 0.00 | 26.10 -0.47 0.00 | 24.65 -0.49 0.00 | 24.73 -0.52 0.00 | 22.89 -0.35 0.00 | 25.20 -0.21 0.00 |
| STATE_CA_115KV_115_LB 55624 | 23.47 0.48 0.00 | 24.54 0.45 0.00 | 25.79 0.43 0.00 | 24.77 0.39 0.00 | 18.83 0.42 0.00 | 22.07 0.54 0.00 | 37.27 1.14 0.00 | 32.43 1.01 0.00 | 51.70 1.60 0.00 | 21.39 0.52 0.00 | 27.13 0.60 0.00 | 27.78 0.66 0.00 | 27.49 0.60 0.00 | 30.99 0.62 0.00 | 28.94 0.62 0.00 | 27.40 0.74 0.00 | 27.02 0.86 0.00 | 28.67 0.80 0.00 | 31.55 0.88 0.00 | 27.36 0.79 0.00 | 25.95 0.81 0.00 | 26.17 0.92 0.00 | 23.90 0.66 0.00 | 25.96 0.56 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 23.36 0.37 0.00 | 24.66 0.56 0.00 | 25.84 0.49 0.00 | 25.00 0.62 0.00 | 18.89 0.48 0.00 | 22.15 0.63 0.00 | 37.37 1.24 0.00 | 32.77 1.35 0.00 | 52.09 1.99 0.00 | 21.54 0.67 0.00 | 27.36 0.83 0.00 | 28.05 0.93 0.00 | 27.90 1.02 0.00 | 31.35 0.99 0.00 | 29.29 0.97 0.00 | 27.53 0.87 0.00 | 26.69 0.53 0.00 | 28.76 0.89 0.00 | 31.97 1.30 0.00 | 27.48 0.90 0.00 | 25.89 0.75 0.00 | 26.07 0.82 0.00 | 23.89 0.65 0.00 | 25.89 0.48 0.00 |
| STATION 5_MISC_HYD 23604 | 22.95 -0.04 0.00 | 24.19 0.09 0.00 | 25.48 0.12 0.00 | 24.61 0.23 0.00 | 18.54 0.12 0.00 | 21.95 0.43 0.00 | 36.41 0.28 0.00 | 32.04 0.62 0.00 | 51.06 0.96 0.00 | 21.23 0.36 0.00 | 27.19 0.66 0.00 | 27.68 0.56 0.00 | 27.60 0.72 0.00 | 31.13 0.78 0.00 | 28.97 0.64 0.00 | 26.96 0.30 0.00 | 26.20 0.04 0.00 | 28.29 0.41 0.00 | 31.22 0.54 0.00 | 26.78 0.20 0.00 | 25.21 0.07 0.00 | 25.22 -0.04 0.00 | 23.36 0.13 0.00 | 25.62 0.21 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 23.15 0.15 0.00 | 24.39 0.29 0.00 | 25.68 0.32 0.00 | 24.80 0.41 0.00 | 18.70 0.28 0.00 | 22.09 0.57 0.00 | 36.81 0.67 0.00 | 32.34 0.92 0.00 | 51.55 1.44 0.00 | 21.40 0.53 0.00 | 27.32 0.79 0.00 | 27.78 0.66 0.00 | 27.67 0.78 0.00 | 31.26 0.91 0.00 | 29.15 0.83 0.00 | 27.19 0.53 0.00 | 26.53 0.38 0.00 | 28.53 0.65 0.00 | 31.55 0.88 0.00 | 27.10 0.53 0.00 | 25.58 0.44 0.00 | 25.55 0.30 0.00 | 23.59 0.35 0.00 | 25.81 0.40 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 22.82 -0.17 0.00 | 24.04 -0.05 0.00 | 25.33 -0.03 0.00 | 24.46 0.08 0.00 | 18.43 0.02 0.00 | 21.79 0.27 0.00 | 36.20 0.06 0.00 | 31.83 0.41 0.00 | 50.75 0.65 0.00 | 21.11 0.24 0.00 | 27.01 0.47 0.00 | 27.49 0.37 0.00 | 27.41 0.53 0.00 | 30.94 0.58 0.00 | 28.79 0.46 0.00 | 26.82 0.16 0.00 | 26.08 -0.08 0.00 | 28.12 0.25 0.00 | 31.05 0.38 0.00 | 26.63 0.06 0.00 | 25.10 -0.04 0.00 | 25.09 -0.16 0.00 | 23.22 -0.01 0.00 | 25.44 0.03 0.00 |
| STA_56___34_KV_BUS2 355983 | 22.82 -0.17 0.00 | 24.04 -0.05 0.00 | 25.33 -0.03 0.00 | 24.46 0.08 0.00 | 18.43 0.02 0.00 | 21.79 0.27 0.00 | 36.20 0.06 0.00 | 31.83 0.41 0.00 | 50.75 0.65 0.00 | 21.11 0.24 0.00 | 27.01 0.47 0.00 | 27.49 0.37 0.00 | 27.41 0.53 0.00 | 30.94 0.58 0.00 | 28.79 0.46 0.00 | 26.82 0.16 0.00 | 26.08 -0.08 0.00 | 28.12 0.25 0.00 | 31.05 0.38 0.00 | 26.63 0.06 0.00 | 25.10 -0.04 0.00 | 25.09 -0.16 0.00 | 23.22 -0.01 0.00 | 25.44 0.03 0.00 |
| STA_67___115KV_BK2 355882 | 22.91 -0.09 0.00 | 24.15 0.05 0.00 | 25.43 0.07 0.00 | 24.58 0.19 0.00 | 18.50 0.09 0.00 | 21.90 0.38 0.00 | 36.33 0.20 0.00 | 31.96 0.55 0.00 | 50.94 0.83 0.00 | 21.19 0.32 0.00 | 27.12 0.59 0.00 | 27.61 0.49 0.00 | 27.53 0.65 0.00 | 31.06 0.70 0.00 | 28.89 0.57 0.00 | 26.91 0.25 0.00 | 26.14 -0.02 0.00 | 28.20 0.33 0.00 | 31.14 0.47 0.00 | 26.70 0.13 0.00 | 25.17 0.03 0.00 | 25.16 -0.09 0.00 | 23.31 0.08 0.00 | 25.56 0.15 0.00 |
| STA_7___115KV_9TRANS 80674 | 23.04 0.05 0.00 | 24.28 0.18 0.00 | 25.58 0.22 0.00 | 24.70 0.31 0.00 | 18.61 0.19 0.00 | 22.03 0.51 0.00 | 36.58 0.45 0.00 | 32.21 0.79 0.00 | 51.33 1.22 0.00 | 21.34 0.46 0.00 | 27.31 0.78 0.00 | 27.80 0.68 0.00 | 27.73 0.85 0.00 | 31.29 0.93 0.00 | 29.11 0.78 0.00 | 27.11 0.45 0.00 | 26.33 0.18 0.00 | 28.44 0.57 0.00 | 31.40 0.73 0.00 | 26.93 0.35 0.00 | 25.37 0.23 0.00 | 25.36 0.10 0.00 | 23.48 0.24 0.00 | 25.71 0.30 0.00 |
| STA_82___115KV_TB1 80780 | 22.91 -0.08 0.00 | 24.15 0.06 0.00 | 25.45 0.09 0.00 | 24.58 0.20 0.00 | 18.51 0.10 0.00 | 21.92 0.40 0.00 | 36.34 0.21 0.00 | 31.98 0.56 0.00 | 50.98 0.87 0.00 | 21.21 0.33 0.00 | 27.15 0.62 0.00 | 27.63 0.51 0.00 | 27.56 0.67 0.00 | 31.08 0.72 0.00 | 28.92 0.59 0.00 | 26.92 0.26 0.00 | 26.15 0.00 0.00 | 28.23 0.35 0.00 | 31.17 0.50 0.00 | 26.73 0.15 0.00 | 25.19 0.05 0.00 | 25.18 -0.07 0.00 | 23.32 0.09 0.00 | 25.57 0.16 0.00 |
| STEEL___WIND 323596 | 23.05 0.06 0.00 | 24.38 0.28 0.00 | 25.73 0.37 0.00 | 24.94 0.56 0.00 | 18.77 0.36 0.00 | 22.40 0.87 0.00 | 36.89 0.76 0.00 | 32.59 1.17 0.00 | 51.86 1.75 0.00 | 21.61 0.74 0.00 | 27.98 1.45 0.00 | 28.35 1.23 0.00 | 28.28 1.40 0.00 | 31.87 1.51 0.00 | 29.58 1.25 0.00 | 27.32 0.66 0.00 | 26.43 0.27 0.00 | 28.66 0.79 0.00 | 31.74 1.07 0.00 | 27.10 0.52 0.00 | 25.50 0.36 0.00 | 25.47 0.22 0.00 | 23.74 0.51 0.00 | 26.12 0.72 0.00 |

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|------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| STEPHTWN_115KV_BK_2 55603 | 23.58 0.59 0.00 | 24.64 0.54 0.00 | 25.93 0.57 0.00 | 24.90 0.51 0.00 | 18.94 0.53 0.00 | 22.18 0.66 0.00 | 37.67 1.54 0.00 | 32.72 1.30 0.00 | 52.00 1.90 0.00 | 21.46 0.59 0.00 | 27.29 0.76 0.00 | 27.89 0.77 0.00 | 27.61 0.72 0.00 | 31.18 0.82 0.00 | 29.14 0.81 0.00 | 27.55 0.89 0.00 | 27.15 0.99 0.00 | 28.83 0.95 0.00 | 31.76 1.09 0.00 | 27.57 0.99 0.00 | 26.17 1.04 0.00 | 26.36 1.11 0.00 | 23.98 0.74 0.00 | 26.13 0.73 0.00 |
| STEUBEN_REC_LFGE 323667 | 23.38 0.38 0.00 | 24.85 0.75 0.00 | 26.30 0.94 0.00 | 25.48 1.10 0.00 | 19.19 0.78 0.00 | 22.84 1.32 0.00 | 37.93 1.80 0.00 | 33.55 2.13 0.00 | 53.36 3.26 0.00 | 22.08 1.21 0.00 | 28.35 1.81 0.00 | 28.74 1.62 0.00 | 28.62 1.73 0.00 | 32.39 2.03 0.00 | 30.10 1.77 0.00 | 27.99 1.33 0.00 | 27.28 1.13 0.00 | 29.43 1.56 0.00 | 32.66 1.99 0.00 | 28.00 1.42 0.00 | 26.48 1.34 0.00 | 26.39 1.14 0.00 | 24.35 1.12 0.00 | 26.70 1.29 0.00 |
| STILLWATER___SOLAR 323814 | 24.09 1.10 0.00 | 25.17 1.08 0.00 | 26.41 1.05 0.00 | 25.30 0.91 0.00 | 19.15 0.74 0.00 | 22.43 0.91 0.00 | 38.01 1.87 0.00 | 33.25 1.83 0.00 | 52.99 2.88 0.00 | 21.76 0.90 0.00 | 27.63 1.10 0.00 | 28.28 1.16 0.00 | 27.98 1.09 0.00 | 31.59 1.22 0.00 | 29.51 1.18 0.00 | 27.91 1.25 0.00 | 27.51 1.36 0.00 | 29.30 1.43 0.00 | 32.21 1.54 0.00 | 27.94 1.37 0.00 | 26.49 1.35 0.00 | 26.74 1.49 0.00 | 24.41 1.18 0.00 | 26.52 1.11 0.00 |
| STONY___BROOK 24151 | 24.44 1.45 0.00 | 25.43 1.33 0.00 | 26.57 1.21 0.00 | 25.40 1.01 0.00 | 19.51 1.10 0.00 | 22.82 1.30 0.00 | 38.73 2.60 0.00 | 33.58 2.16 0.00 | 54.23 4.12 0.00 | 22.52 1.65 0.00 | 28.66 2.13 0.00 | 29.54 2.42 0.00 | 28.99 2.11 0.00 | 32.78 2.42 0.00 | 30.64 2.31 0.00 | 28.77 2.11 0.00 | 28.18 2.02 0.00 | 30.06 2.18 0.00 | 33.64 2.97 0.00 | 28.81 2.23 0.00 | 27.07 1.94 0.00 | 27.41 2.16 0.00 | 25.01 1.77 0.00 | 27.05 1.65 0.00 |
| STURGEON_POOL_HYD 23609 | 23.98 0.99 0.00 | 25.03 0.94 0.00 | 26.29 0.93 0.00 | 25.33 0.94 0.00 | 19.29 0.88 0.00 | 22.64 1.11 0.00 | 38.17 2.04 0.00 | 33.32 1.90 0.00 | 53.19 3.09 0.00 | 22.14 1.27 0.00 | 28.09 1.57 0.00 | 28.79 1.66 0.00 | 28.43 1.55 0.00 | 32.11 1.74 0.00 | 30.01 1.68 0.00 | 28.36 1.70 0.00 | 27.95 1.79 0.00 | 29.66 1.79 0.00 | 32.74 2.06 0.00 | 28.29 1.72 0.00 | 26.82 1.68 0.00 | 26.96 1.70 0.00 | 24.66 1.43 0.00 | 26.82 1.42 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 23.73 0.74 0.00 | 24.77 0.68 0.00 | 26.03 0.67 0.00 | 25.07 0.68 0.00 | 19.08 0.67 0.00 | 22.41 0.89 0.00 | 37.82 1.69 0.00 | 33.00 1.58 0.00 | 52.64 2.54 0.00 | 21.87 1.00 0.00 | 27.76 1.23 0.00 | 28.48 1.36 0.00 | 28.15 1.27 0.00 | 31.80 1.45 0.00 | 29.72 1.39 0.00 | 28.04 1.38 0.00 | 27.57 1.42 0.00 | 29.27 1.40 0.00 | 32.32 1.65 0.00 | 27.94 1.37 0.00 | 26.47 1.34 0.00 | 26.64 1.38 0.00 | 24.38 1.15 0.00 | 26.53 1.13 0.00 |
| SWANROAD_115KV_TB1 355699 | 22.29 -0.71 0.00 | 23.58 -0.52 0.00 | 24.86 -0.50 0.00 | 24.09 -0.30 0.00 | 18.14 -0.27 0.00 | 21.63 0.11 0.00 | 35.38 -0.75 0.00 | 31.18 -0.23 0.00 | 49.74 -0.36 0.00 | 20.80 -0.07 0.00 | 26.88 0.35 0.00 | 27.26 0.13 0.00 | 27.24 0.35 0.00 | 30.62 0.26 0.00 | 28.43 0.11 0.00 | 26.18 -0.48 0.00 | 25.32 -0.84 0.00 | 27.46 -0.41 0.00 | 30.34 -0.33 0.00 | 25.89 -0.69 0.00 | 24.42 -0.71 0.00 | 24.35 -0.90 0.00 | 22.80 -0.43 0.00 | 25.15 -0.25 0.00 |
| SYNERGY___BIOGAS 323694 | 23.23 0.23 0.00 | 24.53 0.43 0.00 | 25.86 0.50 0.00 | 25.02 0.63 0.00 | 18.86 0.45 0.00 | 22.48 0.96 0.00 | 37.09 0.96 0.00 | 32.71 1.29 0.00 | 52.09 1.98 0.00 | 21.66 0.79 0.00 | 27.85 1.33 0.00 | 28.26 1.14 0.00 | 28.26 1.37 0.00 | 31.79 1.43 0.00 | 29.59 1.26 0.00 | 27.42 0.76 0.00 | 26.61 0.46 0.00 | 28.80 0.93 0.00 | 31.80 1.13 0.00 | 27.19 0.61 0.00 | 25.62 0.49 0.00 | 25.55 0.30 0.00 | 23.84 0.60 0.00 | 26.22 0.82 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 23.17 0.18 0.00 | 24.36 0.26 0.00 | 25.61 0.25 0.00 | 24.68 0.29 0.00 | 18.63 0.22 0.00 | 21.80 0.28 0.00 | 36.47 0.34 0.00 | 31.85 0.43 0.00 | 50.73 0.62 0.00 | 21.08 0.21 0.00 | 26.83 0.30 0.00 | 27.37 0.25 0.00 | 27.18 0.29 0.00 | 30.68 0.32 0.00 | 28.61 0.28 0.00 | 26.87 0.21 0.00 | 26.32 0.16 0.00 | 28.13 0.25 0.00 | 31.08 0.41 0.00 | 26.81 0.23 0.00 | 25.37 0.23 0.00 | 25.42 0.17 0.00 | 23.39 0.16 0.00 | 25.53 0.12 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 23.17 0.18 0.00 | 24.36 0.26 0.00 | 25.61 0.25 0.00 | 24.68 0.29 0.00 | 18.63 0.22 0.00 | 21.80 0.28 0.00 | 36.47 0.34 0.00 | 31.85 0.43 0.00 | 50.73 0.62 0.00 | 21.08 0.21 0.00 | 26.83 0.30 0.00 | 27.37 0.25 0.00 | 27.18 0.29 0.00 | 30.68 0.32 0.00 | 28.61 0.28 0.00 | 26.87 0.21 0.00 | 26.32 0.16 0.00 | 28.13 0.25 0.00 | 31.08 0.41 0.00 | 26.81 0.23 0.00 | 25.37 0.23 0.00 | 25.42 0.17 0.00 | 23.39 0.16 0.00 | 25.53 0.12 0.00 |
| SYRACUSE___POWER 24017 | 23.13 0.14 0.00 | 24.29 0.20 0.00 | 25.56 0.20 0.00 | 24.61 0.22 0.00 | 18.57 0.15 0.00 | 21.73 0.21 0.00 | 36.36 0.22 0.00 | 31.77 0.35 0.00 | 50.62 0.51 0.00 | 21.04 0.17 0.00 | 26.78 0.25 0.00 | 27.30 0.18 0.00 | 27.12 0.23 0.00 | 30.62 0.26 0.00 | 28.57 0.25 0.00 | 26.82 0.16 0.00 | 26.28 0.13 0.00 | 28.08 0.21 0.00 | 31.02 0.34 0.00 | 26.76 0.19 0.00 | 25.32 0.18 0.00 | 25.37 0.11 0.00 | 23.33 0.10 0.00 | 25.49 0.08 0.00 |
| TALLMAN__138KV_BK151 55660 | 23.69 0.70 0.00 | 24.73 0.63 0.00 | 25.96 0.60 0.00 | 25.02 0.63 0.00 | 19.08 0.67 0.00 | 22.44 0.92 0.00 | 37.88 1.75 0.00 | 33.08 1.66 0.00 | 52.79 2.69 0.00 | 21.94 1.07 0.00 | 27.83 1.30 0.00 | 28.60 1.48 0.00 | 28.26 1.38 0.00 | 31.93 1.57 0.00 | 29.82 1.49 0.00 | 28.12 1.46 0.00 | 27.61 1.46 0.00 | 29.33 1.46 0.00 | 32.43 1.76 0.00 | 28.01 1.44 0.00 | 26.52 1.38 0.00 | 26.70 1.45 0.00 | 24.42 1.18 0.00 | 26.56 1.16 0.00 |
| TEALLAVE_115KV_TB7 355573 | 22.97 -0.03 0.00 | 24.12 0.02 0.00 | 25.39 0.03 0.00 | 24.44 0.05 0.00 | 18.42 0.01 0.00 | 21.55 0.03 0.00 | 36.02 -0.11 0.00 | 31.46 0.05 0.00 | 50.14 0.03 0.00 | 20.85 -0.02 0.00 | 26.53 0.00 0.00 | 27.07 -0.05 0.00 | 26.88 0.00 0.00 | 30.36 0.00 0.00 | 28.32 -0.01 0.00 | 26.57 -0.09 0.00 | 26.03 -0.12 0.00 | 27.81 -0.06 0.00 | 30.70 0.03 0.00 | 26.49 -0.08 0.00 | 25.06 -0.08 0.00 | 25.12 -0.14 0.00 | 23.11 -0.12 0.00 | 25.26 -0.15 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 22.78 -0.22 0.00 | 24.09 -0.01 0.00 | 25.39 0.03 0.00 | 24.59 0.20 0.00 | 18.52 0.10 0.00 | 22.07 0.55 0.00 | 36.24 0.11 0.00 | 31.97 0.55 0.00 | 50.93 0.83 0.00 | 21.25 0.38 0.00 | 27.39 0.86 0.00 | 27.80 0.67 0.00 | 27.78 0.90 0.00 | 31.25 0.89 0.00 | 29.05 0.72 0.00 | 26.83 0.17 0.00 | 25.98 -0.17 0.00 | 28.13 0.25 0.00 | 31.09 0.42 0.00 | 26.56 -0.02 0.00 | 25.06 -0.07 0.00 | 24.98 -0.27 0.00 | 23.37 0.13 0.00 | 25.74 0.33 0.00 |
| TEMPLE___115KV_TB 2 55572 | 22.99 -0.01 0.00 | 24.15 0.05 0.00 | 25.41 0.05 0.00 | 24.46 0.08 0.00 | 18.44 0.03 0.00 | 21.57 0.05 0.00 | 36.06 -0.07 0.00 | 31.50 0.08 0.00 | 50.20 0.10 0.00 | 20.88 0.01 0.00 | 26.58 0.05 0.00 | 27.11 -0.01 0.00 | 26.92 0.04 0.00 | 30.40 0.04 0.00 | 28.36 0.04 0.00 | 26.61 -0.05 0.00 | 26.07 -0.08 0.00 | 27.85 -0.02 0.00 | 30.75 0.08 0.00 | 26.53 -0.04 0.00 | 25.09 -0.05 0.00 | 25.15 -0.11 0.00 | 23.15 -0.09 0.00 | 25.29 -0.12 0.00 |

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|-----------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TIANA____69_KV_BK 1 55817 | 24.67 1.67 0.00 | 25.64 1.54 0.00 | 26.75 1.39 0.00 | 25.57 1.18 0.00 | 19.68 1.27 0.00 | 23.03 1.50 0.00 | 39.15 3.02 0.00 | 33.80 2.38 0.00 | 54.70 4.59 0.00 | 22.72 1.85 0.00 | 28.91 2.38 0.00 | 29.68 2.57 0.00 | 29.10 2.22 0.00 | 32.95 2.59 0.00 | 30.84 2.52 0.00 | 28.98 2.32 0.00 | 28.46 2.31 0.00 | 30.42 2.55 0.00 | 34.02 3.35 0.00 | 29.08 2.51 0.00 | 27.31 2.17 0.00 | 27.61 2.36 0.00 | 25.19 1.96 0.00 | 27.25 1.84 0.00 |
| TILDEN____115KV_TB1 80814 | 23.13 0.14 0.00 | 24.29 0.20 0.00 | 25.56 0.20 0.00 | 24.61 0.22 0.00 | 18.57 0.15 0.00 | 21.73 0.21 0.00 | 36.36 0.22 0.00 | 31.77 0.35 0.00 | 50.62 0.51 0.00 | 21.04 0.17 0.00 | 26.78 0.25 0.00 | 27.30 0.18 0.00 | 27.12 0.23 0.00 | 30.62 0.26 0.00 | 28.57 0.25 0.00 | 26.82 0.16 0.00 | 26.28 0.13 0.00 | 28.08 0.21 0.00 | 31.02 0.34 0.00 | 26.76 0.19 0.00 | 25.32 0.18 0.00 | 25.37 0.11 0.00 | 23.33 0.10 0.00 | 25.49 0.08 0.00 |
| TRIGEN____CC 323695 | 24.16 1.16 0.00 | 25.19 1.10 0.00 | 26.42 1.06 0.00 | 25.36 0.97 0.00 | 19.35 0.94 0.00 | 22.74 1.22 0.00 | 38.40 2.27 0.00 | 33.44 2.02 0.00 | 53.50 3.39 0.00 | 22.23 1.36 0.00 | 28.31 1.79 0.00 | 29.08 1.96 0.00 | 28.68 1.80 0.00 | 32.41 2.05 0.00 | 30.30 1.98 0.00 | 28.56 1.90 0.00 | 28.09 1.94 0.00 | 29.74 1.87 0.00 | 32.95 2.28 0.00 | 28.38 1.81 0.00 | 26.90 1.76 0.00 | 27.19 1.94 0.00 | 24.86 1.63 0.00 | 26.99 1.58 0.00 |
| TRINITY__115KV__ 4 BK 55933 | 23.40 0.40 0.00 | 24.46 0.36 0.00 | 25.71 0.35 0.00 | 24.69 0.31 0.00 | 18.76 0.35 0.00 | 21.98 0.46 0.00 | 37.13 0.99 0.00 | 32.30 0.88 0.00 | 51.39 1.28 0.00 | 21.21 0.34 0.00 | 26.91 0.38 0.00 | 27.55 0.43 0.00 | 27.26 0.38 0.00 | 30.73 0.37 0.00 | 28.70 0.38 0.00 | 27.17 0.51 0.00 | 26.79 0.63 0.00 | 28.42 0.54 0.00 | 31.26 0.59 0.00 | 27.13 0.56 0.00 | 25.74 0.61 0.00 | 25.97 0.71 0.00 | 23.71 0.48 0.00 | 25.77 0.36 0.00 |
| UNION____PROCESSING_DRP 323587 | 22.93 -0.06 0.00 | 24.17 0.07 0.00 | 25.45 0.09 0.00 | 24.60 0.21 0.00 | 18.52 0.11 0.00 | 21.92 0.40 0.00 | 36.37 0.24 0.00 | 32.00 0.58 0.00 | 51.00 0.90 0.00 | 21.21 0.34 0.00 | 27.15 0.62 0.00 | 27.65 0.53 0.00 | 27.57 0.69 0.00 | 31.09 0.73 0.00 | 28.93 0.60 0.00 | 26.94 0.28 0.00 | 26.16 0.01 0.00 | 28.24 0.36 0.00 | 31.19 0.51 0.00 | 26.74 0.17 0.00 | 25.20 0.06 0.00 | 25.20 -0.06 0.00 | 23.34 0.10 0.00 | 25.58 0.17 0.00 |
| UPPER HUDSON____HYD 24058 | 24.05 1.06 0.00 | 25.10 1.00 0.00 | 26.24 0.88 0.00 | 24.98 0.59 0.00 | 18.83 0.42 0.00 | 21.97 0.45 0.00 | 37.31 1.18 0.00 | 32.84 1.42 0.00 | 52.29 2.19 0.00 | 21.39 0.52 0.00 | 27.12 0.59 0.00 | 27.75 0.63 0.00 | 27.44 0.55 0.00 | 30.99 0.63 0.00 | 28.90 0.57 0.00 | 27.41 0.75 0.00 | 27.10 0.95 0.00 | 28.90 1.02 0.00 | 31.70 1.03 0.00 | 27.58 1.01 0.00 | 26.12 0.98 0.00 | 26.43 1.17 0.00 | 24.08 0.84 0.00 | 26.07 0.66 0.00 |
| UPPER RAQUET____HYD 24056 | 23.05 0.06 0.00 | 24.12 0.02 0.00 | 25.42 0.06 0.00 | 24.44 0.05 0.00 | 18.26 -0.15 0.00 | 21.10 -0.42 0.00 | 35.53 -0.61 0.00 | 30.56 -0.86 0.00 | 48.71 -1.39 0.00 | 20.29 -0.58 0.00 | 25.78 -0.75 0.00 | 26.30 -0.83 0.00 | 26.11 -0.77 0.00 | 29.52 -0.84 0.00 | 27.50 -0.83 0.00 | 25.92 -0.74 0.00 | 25.42 -0.73 0.00 | 27.10 -0.77 0.00 | 29.72 -0.95 0.00 | 25.83 -0.74 0.00 | 24.39 -0.75 0.00 | 24.56 -0.69 0.00 | 22.97 -0.27 0.00 | 25.45 0.04 0.00 |
| VALLEY44_115KV_TB2 355964 | 23.72 0.73 0.00 | 25.12 1.03 0.00 | 26.52 1.16 0.00 | 25.66 1.28 0.00 | 19.30 0.89 0.00 | 22.97 1.45 0.00 | 38.11 1.97 0.00 | 33.69 2.27 0.00 | 53.54 3.44 0.00 | 22.19 1.32 0.00 | 28.62 2.10 0.00 | 29.10 1.98 0.00 | 29.07 2.19 0.00 | 32.83 2.47 0.00 | 30.44 2.11 0.00 | 28.23 1.57 0.00 | 27.30 1.14 0.00 | 29.41 1.54 0.00 | 32.67 1.99 0.00 | 27.96 1.39 0.00 | 26.34 1.20 0.00 | 26.33 1.08 0.00 | 24.51 1.27 0.00 | 26.94 1.54 0.00 |
| VALLEY____115KV_TB 1-4 80826 | 23.29 0.29 0.00 | 24.44 0.34 0.00 | 25.75 0.40 0.00 | 24.75 0.36 0.00 | 18.76 0.35 0.00 | 22.03 0.50 0.00 | 37.04 0.90 0.00 | 32.30 0.88 0.00 | 51.36 1.26 0.00 | 21.16 0.29 0.00 | 26.82 0.30 0.00 | 27.36 0.24 0.00 | 27.10 0.22 0.00 | 30.67 0.31 0.00 | 28.73 0.40 0.00 | 27.22 0.56 0.00 | 26.98 0.82 0.00 | 28.56 0.68 0.00 | 31.43 0.76 0.00 | 27.27 0.69 0.00 | 25.97 0.83 0.00 | 25.97 0.72 0.00 | 23.80 0.57 0.00 | 25.91 0.50 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 23.90 0.90 0.00 | 25.05 0.96 0.00 | 26.36 1.00 0.00 | 25.41 1.02 0.00 | 19.24 0.83 0.00 | 22.54 1.02 0.00 | 37.95 1.82 0.00 | 33.28 1.86 0.00 | 55.32 5.22 0.00 | 22.81 1.94 0.00 | 29.15 2.62 0.00 | 29.01 1.89 0.00 | 28.23 1.34 0.00 | 31.83 1.47 0.00 | 29.73 1.40 0.00 | 27.93 1.27 0.00 | 27.33 1.17 0.00 | 29.19 1.31 0.00 | 32.30 1.63 0.00 | 27.91 1.34 0.00 | 26.37 1.23 0.00 | 26.49 1.24 0.00 | 24.30 1.06 0.00 | 26.45 1.04 0.00 |
| VISCHER____FERRY HYD 24020 | 23.85 0.85 0.00 | 24.91 0.82 0.00 | 26.19 0.83 0.00 | 25.11 0.72 0.00 | 19.04 0.63 0.00 | 22.31 0.79 0.00 | 37.73 1.59 0.00 | 32.89 1.48 0.00 | 52.45 2.34 0.00 | 21.62 0.75 0.00 | 27.47 0.94 0.00 | 28.12 1.00 0.00 | 27.80 0.91 0.00 | 31.34 0.98 0.00 | 29.29 0.97 0.00 | 27.70 1.04 0.00 | 27.27 1.12 0.00 | 29.00 1.12 0.00 | 31.87 1.20 0.00 | 27.65 1.08 0.00 | 26.29 1.15 0.00 | 26.51 1.26 0.00 | 24.22 0.99 0.00 | 26.38 0.98 0.00 |
| V_A_10_SYNC_DSASP 323832 | 22.56 -0.43 0.00 | 23.84 -0.26 0.00 | 25.13 -0.23 0.00 | 24.34 -0.05 0.00 | 18.31 -0.10 0.00 | 21.77 0.25 0.00 | 35.86 -0.28 0.00 | 31.59 0.17 0.00 | 50.33 0.23 0.00 | 20.97 0.10 0.00 | 27.02 0.49 0.00 | 27.44 0.32 0.00 | 27.41 0.53 0.00 | 30.87 0.51 0.00 | 28.67 0.35 0.00 | 26.55 -0.11 0.00 | 25.70 -0.45 0.00 | 27.82 -0.06 0.00 | 30.73 0.05 0.00 | 26.29 -0.29 0.00 | 24.74 -0.40 0.00 | 24.73 -0.52 0.00 | 23.04 -0.19 0.00 | 25.34 -0.07 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 22.88 -0.11 0.00 | 23.95 -0.15 0.00 | 25.24 -0.12 0.00 | 24.26 -0.13 0.00 | 18.23 -0.19 0.00 | 21.25 -0.27 0.00 | 35.70 -0.44 0.00 | 30.86 -0.56 0.00 | 49.27 -0.83 0.00 | 20.63 -0.24 0.00 | 26.27 -0.26 0.00 | 26.83 -0.29 0.00 | 26.62 -0.27 0.00 | 30.07 -0.29 0.00 | 28.01 -0.32 0.00 | 26.35 -0.31 0.00 | 25.81 -0.35 0.00 | 27.51 -0.36 0.00 | 30.19 -0.48 0.00 | 26.23 -0.35 0.00 | 24.76 -0.38 0.00 | 24.84 -0.41 0.00 | 22.99 -0.24 0.00 | 25.32 -0.09 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 23.04 0.05 0.00 | 24.19 0.10 0.00 | 25.54 0.18 0.00 | 24.57 0.18 0.00 | 18.33 -0.08 0.00 | 21.19 -0.33 0.00 | 35.46 -0.67 0.00 | 29.95 -1.47 0.00 | 48.09 -2.01 0.00 | 20.42 -0.45 0.00 | 26.67 0.14 0.00 | 27.36 0.24 0.00 | 27.08 0.19 0.00 | 30.70 0.34 0.00 | 28.60 0.27 0.00 | 26.99 0.33 0.00 | 26.03 -0.12 0.00 | 27.39 -0.48 0.00 | 29.99 -0.68 0.00 | 26.21 -0.36 0.00 | 24.71 -0.42 0.00 | 24.90 -0.35 0.00 | 23.11 -0.12 0.00 | 26.02 0.61 0.00 |
| V_E_10_SYNC_DSASP 323830 | 24.75 1.75 0.00 | 26.06 1.97 0.00 | 27.46 2.10 0.00 | 26.48 2.09 0.00 | 20.05 1.64 0.00 | 23.75 2.23 0.00 | 40.07 3.93 0.00 | 35.23 3.81 0.00 | 56.52 6.42 0.00 | 23.23 2.36 0.00 | 29.47 2.94 0.00 | 30.13 3.01 0.00 | 30.08 3.19 0.00 | 33.92 3.56 0.00 | 31.76 3.43 0.00 | 29.85 3.18 0.00 | 29.38 3.22 0.00 | 31.47 3.60 0.00 | 34.80 4.13 0.00 | 30.00 3.42 0.00 | 28.41 3.28 0.00 | 28.30 3.04 0.00 | 25.98 2.74 0.00 | 28.21 2.81 0.00 |

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|--------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|
| V_F_30_NSYNC___DSASP 323816 | 24.12 1.13 0.00 | 25.20 1.11 0.00 | 26.45 1.09 0.00 | 25.33 0.94 0.00 | 19.18 0.77 0.00 | 22.47 0.95 0.00 | 38.06 1.93 0.00 | 33.30 1.88 0.00 | 53.08 2.97 0.00 | 21.81 0.94 0.00 | 27.68 1.15 0.00 | 28.34 1.22 0.00 | 28.03 1.15 0.00 | 31.65 1.29 0.00 | 29.57 1.24 0.00 | 27.97 1.31 0.00 | 27.55 1.40 0.00 | 29.34 1.47 0.00 | 32.27 1.60 0.00 | 27.99 1.41 0.00 | 26.54 1.40 0.00 | 26.78 1.53 0.00 | 24.45 1.22 0.00 | 26.55 1.15 0.00 |
| V_F_30_SYNC_DSASP 323786 | 23.47 0.48 0.00 | 24.54 0.44 0.00 | 25.79 0.43 0.00 | 24.77 0.39 0.00 | 18.83 0.41 0.00 | 22.07 0.54 0.00 | 37.27 1.13 0.00 | 32.43 1.01 0.00 | 51.70 1.59 0.00 | 21.39 0.51 0.00 | 27.12 0.59 0.00 | 27.77 0.65 0.00 | 27.48 0.60 0.00 | 30.99 0.62 0.00 | 28.94 0.61 0.00 | 27.40 0.74 0.00 | 27.01 0.85 0.00 | 28.67 0.79 0.00 | 31.54 0.87 0.00 | 27.36 0.79 0.00 | 25.95 0.81 0.00 | 26.16 0.91 0.00 | 23.89 0.66 0.00 | 25.96 0.55 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 23.04 0.05 0.00 | 24.19 0.10 0.00 | 25.54 0.18 0.00 | 24.57 0.18 0.00 | 18.33 -0.08 0.00 | 21.19 -0.33 0.00 | 35.46 -0.67 0.00 | 29.95 -1.47 0.00 | 48.09 -2.01 0.00 | 20.42 -0.45 0.00 | 26.67 0.14 0.00 | 27.36 0.24 0.00 | 27.08 0.19 0.00 | 30.70 0.34 0.00 | 28.60 0.27 0.00 | 26.99 0.33 0.00 | 26.03 -0.12 0.00 | 27.39 -0.48 0.00 | 29.99 -0.68 0.00 | 26.21 -0.36 0.00 | 24.71 -0.42 0.00 | 24.90 -0.35 0.00 | 23.11 -0.12 0.00 | 26.02 0.61 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 23.76 0.76 0.00 | 24.79 0.69 0.00 | 26.03 0.67 0.00 | 25.08 0.69 0.00 | 19.13 0.72 0.00 | 22.50 0.98 0.00 | 37.98 1.85 0.00 | 33.17 1.75 0.00 | 52.94 2.84 0.00 | 21.99 1.12 0.00 | 27.90 1.37 0.00 | 28.68 1.56 0.00 | 28.34 1.46 0.00 | 32.01 1.66 0.00 | 29.90 1.57 0.00 | 28.20 1.54 0.00 | 27.69 1.54 0.00 | 29.43 1.55 0.00 | 32.52 1.85 0.00 | 28.09 1.52 0.00 | 26.60 1.46 0.00 | 26.78 1.53 0.00 | 24.48 1.25 0.00 | 26.63 1.23 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 24.11 1.12 0.00 | 25.10 1.00 0.00 | 26.37 1.01 0.00 | 25.38 1.00 0.00 | 19.40 0.99 0.00 | 22.79 1.27 0.00 | 38.50 2.63 0.00 | 33.61 2.19 0.00 | 53.63 3.53 0.00 | 22.36 1.49 0.00 | 28.38 1.85 0.00 | 29.17 2.05 0.00 | 28.82 1.93 0.00 | 32.49 2.13 0.00 | 30.32 2.00 0.00 | 28.62 1.96 0.00 | 28.17 2.02 0.00 | 29.85 1.97 0.00 | 32.96 2.29 0.00 | 28.44 1.87 0.00 | 26.97 1.83 0.00 | 27.14 1.89 0.00 | 24.81 1.58 0.00 | 26.98 1.57 0.00 |
| W50THST__13_KV_LOAD 356117 | 24.26 1.26 0.00 | 25.27 1.17 0.00 | 26.53 1.17 0.00 | 25.55 1.16 0.00 | 19.52 1.11 0.00 | 22.94 1.42 0.00 | 38.76 2.63 0.00 | 33.85 2.43 0.00 | 54.03 3.93 0.00 | 22.53 1.66 0.00 | 28.61 2.08 0.00 | 29.40 2.28 0.00 | 29.06 2.17 0.00 | 32.76 2.40 0.00 | 30.56 2.24 0.00 | 28.85 2.19 0.00 | 28.40 2.25 0.00 | 30.07 2.19 0.00 | 33.17 2.50 0.00 | 28.63 2.05 0.00 | 27.14 2.00 0.00 | 27.31 2.05 0.00 | 24.97 1.74 0.00 | 27.15 1.75 0.00 |
| WADING RIVER_IC_1 23522 | 24.40 1.40 0.00 | 25.35 1.26 0.00 | 26.46 1.10 0.00 | 25.26 0.87 0.00 | 19.45 1.04 0.00 | 22.75 1.23 0.00 | 38.51 2.37 0.00 | 33.17 1.75 0.00 | 53.69 3.58 0.00 | 22.38 1.51 0.00 | 28.44 1.91 0.00 | 29.23 2.11 0.00 | 28.66 1.78 0.00 | 32.51 2.15 0.00 | 30.40 2.07 0.00 | 28.54 1.88 0.00 | 28.08 1.92 0.00 | 29.83 1.96 0.00 | 33.36 2.68 0.00 | 28.57 1.99 0.00 | 26.91 1.78 0.00 | 27.13 1.87 0.00 | 24.79 1.55 0.00 | 26.91 1.50 0.00 |
| WADING RIVER_IC_2 23547 | 24.40 1.40 0.00 | 25.35 1.26 0.00 | 26.46 1.10 0.00 | 25.26 0.87 0.00 | 19.45 1.04 0.00 | 22.75 1.23 0.00 | 38.51 2.37 0.00 | 33.17 1.75 0.00 | 53.69 3.58 0.00 | 22.38 1.51 0.00 | 28.44 1.91 0.00 | 29.23 2.11 0.00 | 28.66 1.78 0.00 | 32.51 2.15 0.00 | 30.40 2.07 0.00 | 28.54 1.88 0.00 | 28.08 1.92 0.00 | 29.83 1.96 0.00 | 33.36 2.68 0.00 | 28.57 1.99 0.00 | 26.91 1.78 0.00 | 27.13 1.87 0.00 | 24.79 1.55 0.00 | 26.91 1.50 0.00 |
| WADING RIVER_IC_3 23601 | 24.40 1.40 0.00 | 25.35 1.26 0.00 | 26.46 1.10 0.00 | 25.26 0.87 0.00 | 19.45 1.04 0.00 | 22.75 1.23 0.00 | 38.51 2.37 0.00 | 33.17 1.75 0.00 | 53.69 3.58 0.00 | 22.38 1.51 0.00 | 28.44 1.91 0.00 | 29.23 2.11 0.00 | 28.66 1.78 0.00 | 32.51 2.15 0.00 | 30.40 2.07 0.00 | 28.54 1.88 0.00 | 28.08 1.92 0.00 | 29.83 1.96 0.00 | 33.36 2.68 0.00 | 28.57 1.99 0.00 | 26.91 1.78 0.00 | 27.13 1.87 0.00 | 24.79 1.55 0.00 | 26.91 1.50 0.00 |
| WALDENNY_12_KV_BK2 80841 | 23.03 0.04 0.00 | 24.37 0.27 0.00 | 25.70 0.35 0.00 | 24.92 0.53 0.00 | 18.75 0.34 0.00 | 22.38 0.85 0.00 | 36.83 0.70 0.00 | 32.52 1.10 0.00 | 51.83 1.73 0.00 | 21.62 0.75 0.00 | 27.96 1.43 0.00 | 28.34 1.22 0.00 | 28.29 1.41 0.00 | 31.87 1.51 0.00 | 29.58 1.25 0.00 | 27.32 0.66 0.00 | 26.42 0.27 0.00 | 28.63 0.75 0.00 | 31.71 1.04 0.00 | 27.06 0.48 0.00 | 25.51 0.37 0.00 | 25.44 0.19 0.00 | 23.71 0.48 0.00 | 26.09 0.68 0.00 |
| WALDEN___HYDRO 24148 | 24.01 1.02 0.00 | 25.06 0.96 0.00 | 26.31 0.95 0.00 | 25.34 0.96 0.00 | 19.29 0.88 0.00 | 22.67 1.15 0.00 | 38.34 2.20 0.00 | 33.49 2.07 0.00 | 53.40 3.29 0.00 | 22.12 1.25 0.00 | 27.98 1.45 0.00 | 28.69 1.57 0.00 | 28.36 1.48 0.00 | 32.07 1.71 0.00 | 30.02 1.69 0.00 | 28.39 1.73 0.00 | 27.93 1.78 0.00 | 29.71 1.84 0.00 | 32.84 2.17 0.00 | 28.38 1.81 0.00 | 26.88 1.74 0.00 | 27.04 1.78 0.00 | 24.71 1.48 0.00 | 26.87 1.46 0.00 |
| WARRENSBURG___ 23737 | 24.05 1.06 0.00 | 25.10 1.00 0.00 | 26.24 0.88 0.00 | 24.98 0.59 0.00 | 18.83 0.42 0.00 | 21.97 0.45 0.00 | 37.31 1.18 0.00 | 32.84 1.42 0.00 | 52.29 2.19 0.00 | 21.39 0.52 0.00 | 27.12 0.59 0.00 | 27.75 0.63 0.00 | 27.44 0.55 0.00 | 30.99 0.63 0.00 | 28.90 0.57 0.00 | 27.41 0.75 0.00 | 27.10 0.95 0.00 | 28.90 1.02 0.00 | 31.70 1.03 0.00 | 27.58 1.01 0.00 | 26.12 0.98 0.00 | 26.43 1.17 0.00 | 24.08 0.84 0.00 | 26.07 0.66 0.00 |
| WATERSIDE___6 8 9 23538 | 24.01 1.01 0.00 | 24.99 0.89 0.00 | 26.25 0.89 0.00 | 25.26 0.88 0.00 | 19.33 0.92 0.00 | 22.68 1.15 0.00 | 38.35 2.21 0.00 | 33.47 2.05 0.00 | 53.41 3.31 0.00 | 22.33 1.46 0.00 | 28.31 1.77 0.00 | 29.10 1.98 0.00 | 28.73 1.85 0.00 | 32.38 2.02 0.00 | 30.26 1.93 0.00 | 28.56 1.90 0.00 | 28.10 1.95 0.00 | 29.71 1.84 0.00 | 32.80 2.13 0.00 | 28.35 1.78 0.00 | 26.91 1.77 0.00 | 27.10 1.84 0.00 | 24.77 1.54 0.00 | 26.94 1.53 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 23.22 0.23 0.00 | 24.34 0.24 0.00 | 25.62 0.26 0.00 | 24.63 0.24 0.00 | 18.65 0.24 0.00 | 21.87 0.35 0.00 | 36.77 0.63 0.00 | 32.04 0.62 0.00 | 51.00 0.90 0.00 | 21.07 0.20 0.00 | 26.72 0.19 0.00 | 27.28 0.16 0.00 | 27.02 0.13 0.00 | 30.57 0.21 0.00 | 28.61 0.28 0.00 | 27.06 0.40 0.00 | 26.74 0.58 0.00 | 28.37 0.50 0.00 | 31.22 0.55 0.00 | 27.07 0.50 0.00 | 25.74 0.60 0.00 | 25.78 0.52 0.00 | 23.65 0.41 0.00 | 25.76 0.36 0.00 |
| WATSON___69_KV_BK 1 55734 | 24.62 1.62 0.00 | 25.63 1.53 0.00 | 26.79 1.43 0.00 | 25.64 1.26 0.00 | 19.66 1.25 0.00 | 23.02 1.50 0.00 | 39.03 2.89 0.00 | 33.88 2.46 0.00 | 54.58 4.48 0.00 | 22.65 1.78 0.00 | 28.87 2.34 0.00 | 29.61 2.49 0.00 | 29.10 2.21 0.00 | 32.94 2.58 0.00 | 30.81 2.49 0.00 | 28.98 2.32 0.00 | 28.50 2.35 0.00 | 30.38 2.50 0.00 | 33.83 3.15 0.00 | 29.01 2.44 0.00 | 27.32 2.18 0.00 | 27.63 2.38 0.00 | 25.24 2.01 0.00 | 27.34 1.93 0.00 |

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|--------------------------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WDELAWARE___HYD 323627 | 23.96 0.96 0.00 | 25.01 0.91 0.00 | 26.27 0.91 0.00 | 25.32 0.93 0.00 | 19.26 0.85 0.00 | 22.64 1.12 0.00 | 38.23 2.10 0.00 | 33.37 1.95 0.00 | 53.16 3.06 0.00 | 22.05 1.18 0.00 | 27.90 1.37 0.00 | 28.55 1.43 0.00 | 28.26 1.38 0.00 | 31.89 1.53 0.00 | 29.92 1.59 0.00 | 28.27 1.61 0.00 | 27.89 1.74 0.00 | 29.65 1.77 0.00 | 32.70 2.03 0.00 | 28.26 1.69 0.00 | 26.81 1.68 0.00 | 26.90 1.65 0.00 | 24.63 1.40 0.00 | 26.82 1.41 0.00 |
| WEST BABYLON___IC 23714 | 24.49 1.49 0.00 | 25.53 1.44 0.00 | 26.72 1.36 0.00 | 25.60 1.21 0.00 | 19.57 1.15 0.00 | 22.95 1.43 0.00 | 38.86 2.72 0.00 | 33.81 2.39 0.00 | 54.30 4.19 0.00 | 22.52 1.65 0.00 | 28.70 2.17 0.00 | 29.45 2.33 0.00 | 28.97 2.09 0.00 | 32.79 2.43 0.00 | 30.69 2.37 0.00 | 28.88 2.22 0.00 | 28.42 2.27 0.00 | 30.21 2.34 0.00 | 33.57 2.90 0.00 | 28.85 2.27 0.00 | 27.23 2.09 0.00 | 27.55 2.29 0.00 | 25.17 1.94 0.00 | 27.28 1.88 0.00 |
| WEST CANADA___HYD 24049 | 23.06 0.07 0.00 | 24.17 0.08 0.00 | 25.44 0.08 0.00 | 24.46 0.07 0.00 | 18.48 0.07 0.00 | 21.63 0.11 0.00 | 36.33 0.19 0.00 | 31.61 0.19 0.00 | 50.40 0.30 0.00 | 20.96 0.09 0.00 | 26.62 0.09 0.00 | 27.21 0.08 0.00 | 26.96 0.08 0.00 | 30.46 0.10 0.00 | 28.44 0.11 0.00 | 26.80 0.14 0.00 | 26.33 0.18 0.00 | 28.04 0.16 0.00 | 30.85 0.19 0.00 | 26.73 0.15 0.00 | 25.30 0.16 0.00 | 25.41 0.15 0.00 | 23.34 0.11 0.00 | 25.49 0.09 0.00 |
| WESTERN_NY_WIND 24143 | 23.20 0.21 0.00 | 24.51 0.41 0.00 | 25.83 0.47 0.00 | 25.00 0.61 0.00 | 18.84 0.43 0.00 | 22.45 0.93 0.00 | 37.03 0.89 0.00 | 32.66 1.25 0.00 | 52.01 1.90 0.00 | 21.65 0.78 0.00 | 27.82 1.29 0.00 | 28.24 1.12 0.00 | 28.24 1.35 0.00 | 31.77 1.41 0.00 | 29.56 1.23 0.00 | 27.40 0.73 0.00 | 26.58 0.43 0.00 | 28.73 0.85 0.00 | 31.77 1.10 0.00 | 27.15 0.58 0.00 | 25.62 0.49 0.00 | 25.52 0.27 0.00 | 23.80 0.57 0.00 | 26.19 0.78 0.00 |
| WESTOVER___LESR 323668 | 23.34 0.34 0.00 | 24.56 0.46 0.00 | 25.86 0.50 0.00 | 24.94 0.55 0.00 | 18.83 0.42 0.00 | 22.16 0.64 0.00 | 37.18 1.05 0.00 | 32.57 1.15 0.00 | 51.91 1.81 0.00 | 21.48 0.61 0.00 | 27.48 0.95 0.00 | 28.00 0.88 0.00 | 27.83 0.95 0.00 | 31.38 1.02 0.00 | 29.31 0.98 0.00 | 27.45 0.79 0.00 | 26.83 0.68 0.00 | 28.70 0.83 0.00 | 31.88 1.21 0.00 | 27.49 0.91 0.00 | 25.98 0.84 0.00 | 26.04 0.79 0.00 | 23.96 0.73 0.00 | 26.15 0.74 0.00 |
| WETHRSFD_WT_PWR 323626 | 22.91 -0.08 0.00 | 24.28 0.18 0.00 | 25.64 0.28 0.00 | 24.85 0.46 0.00 | 18.71 0.30 0.00 | 22.28 0.76 0.00 | 36.81 0.67 0.00 | 32.50 1.09 0.00 | 51.72 1.62 0.00 | 21.49 0.62 0.00 | 27.76 1.23 0.00 | 28.16 1.04 0.00 | 28.08 1.19 0.00 | 31.62 1.25 0.00 | 29.32 0.99 0.00 | 27.20 0.54 0.00 | 26.41 0.26 0.00 | 28.60 0.72 0.00 | 31.70 1.03 0.00 | 27.13 0.56 0.00 | 25.56 0.42 0.00 | 25.54 0.29 0.00 | 23.67 0.43 0.00 | 26.02 0.61 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 23.64 0.65 0.00 | 24.67 0.57 0.00 | 25.90 0.54 0.00 | 24.95 0.57 0.00 | 19.04 0.62 0.00 | 22.38 0.86 0.00 | 37.77 1.64 0.00 | 32.98 1.56 0.00 | 52.64 2.54 0.00 | 21.87 1.00 0.00 | 27.74 1.21 0.00 | 28.51 1.39 0.00 | 28.18 1.30 0.00 | 31.82 1.46 0.00 | 29.73 1.40 0.00 | 28.03 1.37 0.00 | 27.53 1.37 0.00 | 29.24 1.37 0.00 | 32.32 1.64 0.00 | 27.92 1.35 0.00 | 26.44 1.30 0.00 | 26.63 1.37 0.00 | 24.34 1.11 0.00 | 26.49 1.08 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 23.64 0.65 0.00 | 24.67 0.57 0.00 | 25.90 0.54 0.00 | 24.95 0.57 0.00 | 19.04 0.62 0.00 | 22.38 0.86 0.00 | 37.77 1.64 0.00 | 32.98 1.56 0.00 | 52.64 2.54 0.00 | 21.87 1.00 0.00 | 27.74 1.21 0.00 | 28.51 1.39 0.00 | 28.18 1.30 0.00 | 31.82 1.46 0.00 | 29.73 1.40 0.00 | 28.03 1.37 0.00 | 27.53 1.37 0.00 | 29.24 1.37 0.00 | 32.32 1.64 0.00 | 27.92 1.35 0.00 | 26.44 1.30 0.00 | 26.63 1.37 0.00 | 24.34 1.11 0.00 | 26.49 1.08 0.00 |
| WHITEHAL_115KV_TB1 80871 | 24.48 1.48 0.00 | 25.33 1.23 0.00 | 26.49 1.13 0.00 | 25.21 0.82 0.00 | 19.14 0.73 0.00 | 22.75 1.23 0.00 | 38.80 2.67 0.00 | 34.02 2.60 0.00 | 54.00 3.90 0.00 | 21.75 0.89 0.00 | 27.71 1.18 0.00 | 28.19 1.07 0.00 | 27.82 0.94 0.00 | 31.50 1.14 0.00 | 29.34 1.02 0.00 | 28.06 1.40 0.00 | 28.14 1.99 0.00 | 30.04 2.17 0.00 | 32.48 1.81 0.00 | 28.61 2.04 0.00 | 27.07 1.94 0.00 | 27.43 2.18 0.00 | 24.95 1.72 0.00 | 26.95 1.54 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 24.15 1.16 0.00 | 25.16 1.07 0.00 | 26.42 1.06 0.00 | 25.42 1.03 0.00 | 19.40 0.99 0.00 | 22.80 1.28 0.00 | 38.47 2.33 0.00 | 33.57 2.15 0.00 | 53.58 3.48 0.00 | 22.33 1.46 0.00 | 28.38 1.85 0.00 | 29.09 1.97 0.00 | 28.74 1.85 0.00 | 32.44 2.08 0.00 | 30.28 1.95 0.00 | 28.60 1.93 0.00 | 28.23 2.07 0.00 | 29.86 1.99 0.00 | 32.94 2.27 0.00 | 28.46 1.88 0.00 | 27.02 1.88 0.00 | 27.15 1.89 0.00 | 24.84 1.61 0.00 | 27.03 1.62 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 24.49 1.49 0.00 | 25.45 1.35 0.00 | 26.56 1.20 0.00 | 25.38 0.99 0.00 | 19.53 1.12 0.00 | 22.84 1.32 0.00 | 38.73 2.60 0.00 | 33.40 1.98 0.00 | 54.05 3.94 0.00 | 22.47 1.60 0.00 | 28.60 2.07 0.00 | 29.35 2.23 0.00 | 28.77 1.89 0.00 | 32.66 2.29 0.00 | 30.52 2.20 0.00 | 28.67 2.01 0.00 | 28.20 2.04 0.00 | 30.08 2.20 0.00 | 33.57 2.90 0.00 | 28.75 2.17 0.00 | 27.03 1.89 0.00 | 27.31 2.05 0.00 | 24.95 1.71 0.00 | 27.05 1.65 0.00 |
| WOODARD__115KV_TB2 355635 | 22.92 -0.08 0.00 | 24.07 -0.02 0.00 | 25.33 -0.03 0.00 | 24.39 0.00 0.00 | 18.39 -0.03 0.00 | 21.50 -0.02 0.00 | 35.95 -0.19 0.00 | 31.39 -0.03 0.00 | 50.02 -0.09 0.00 | 20.80 -0.06 0.00 | 26.46 -0.07 0.00 | 27.01 -0.12 0.00 | 26.81 -0.07 0.00 | 30.28 -0.08 0.00 | 28.24 -0.09 0.00 | 26.50 -0.16 0.00 | 25.97 -0.18 0.00 | 27.74 -0.13 0.00 | 30.62 -0.05 0.00 | 26.43 -0.14 0.00 | 25.00 -0.13 0.00 | 25.06 -0.19 0.00 | 23.07 -0.16 0.00 | 25.21 -0.20 0.00 |
| YORK___WARBASSE 23770 | 24.09 1.09 0.00 | 25.08 0.98 0.00 | 26.34 0.98 0.00 | 25.35 0.96 0.00 | 19.40 0.99 0.00 | 22.76 1.24 0.00 | 38.45 2.32 0.00 | 33.56 2.14 0.00 | 53.53 3.43 0.00 | 22.41 1.54 0.00 | 28.36 1.83 0.00 | 29.16 2.04 0.00 | 28.78 1.90 0.00 | 32.42 2.06 0.00 | 30.31 1.99 0.00 | 28.64 1.98 0.00 | 28.17 2.02 0.00 | 29.74 1.87 0.00 | 32.85 2.18 0.00 | 28.44 1.87 0.00 | 27.00 1.86 0.00 | 27.20 1.95 0.00 | 24.83 1.60 0.00 | 26.96 1.56 0.00 |
| FOX_HILLS___ESR 323835 | 28.37 1.98 0.00 | 28.80 1.91 0.00 | 32.39 2.03 0.00 | 30.31 1.98 0.00 | 28.66 2.00 0.00 | 28.18 2.02 0.00 | 29.73 1.86 0.00 | 32.82 2.14 0.00 | 28.47 1.90 0.00 | 27.02 1.89 0.00 | 27.23 1.98 0.00 | 24.84 1.60 0.00 | 26.95 1.54 0.00 | | | | | | | | | | | |
| SOUTH_FORK_WT_PWR 323839 | 29.39 3.01 0.00 | 29.72 2.84 0.00 | 33.61 3.25 0.00 | 31.46 3.13 0.00 | 29.55 2.89 0.00 | 28.96 2.81 0.00 | 31.10 3.23 0.00 | 34.86 4.18 0.00 | 29.74 3.17 0.00 | 27.86 2.72 0.00 | 28.22 2.97 0.00 | 25.69 2.46 0.00 | 27.69 2.28 0.00 | | | | | | | | | | | |